Volume 39, No. 2, Pages 954 to 2023,
February 1 – February 29, 2024

FCC Record

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FCC Record Volume 39, No. 2, Pages 954 to 2023, February 1 – February 29, 2024

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Citation Form: 39 FCC Rcd 1 (2024)

United States Government Printing Office * Washington, D.C.
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PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov

DA 24-85
Released: February 1, 2024

STREAMLINED RESOLUTION OF REQUESTS RELATED TO ACTIONS BY THE UNIVERSAL SERVICE ADMINISTRATIVE COMPANY

CC Docket No. 02-6
WC Docket No. 21-93
WC Docket No. 20-34
WC Docket No. 02-60

Pursuant to our procedure for resolving requests for review, requests for waiver, and petitions for reconsideration of decisions related to actions taken by the Universal Service Administrative Company (USAC) that are consistent with precedent (collectively, Requests), the Wireline Competition Bureau (Bureau) grants, dismisses, or denies the following Requests.[1] The deadline for filing petitions for reconsideration or applications for review concerning the disposition of any of these Requests is 30 days from the release date of this Public Notice.[2]

Schools and Libraries (E-Rate)
CC Docket No. 02-6

Dismissed Due to Lack of Adverse Decision[3]

Tangipahoa Parish School District, LA, Application Nos. 231024209, 231008387, Request for

[1] *See Streamlined Process for Resolving Requests for Review of Decisions by the Universal Service Administrative Company*, CC Docket Nos. 96-45 and 02-6, WC Docket Nos. 02-60, 06-122, 08-71, 10-90, 11-42, and 14-58, Public Notice, 29 FCC Rcd 11094 (WCB 2014). Sections 54.719(b) and 54.1718(a)(1) of the Commission's rules provide that any person aggrieved by an action taken by a division of USAC, after first seeking review at USAC, may seek review from the Commission. Sections 54.719(c) and 54.1718(a)(3) of the Commission's rules provide that parties seeking waivers of the Commission's rules shall seek review directly from the Commission. 47 CFR §§ 54.719(b)-(c); 54.1718(a)(1)-(2). In this Public Notice, we have reclassified as Requests for Waiver any appeals seeking review of a USAC decision that appropriately should have requested a waiver of the Commission's rules. Similarly, we have reclassified as Requests for Review any appeals seeking a waiver of the Commission's rules but that are, in fact, seeking review of a USAC decision.

[2] *See* 47 CFR §§ 1.106(f), 1.115(d); *see also* 47 CFR § 1.4(b)(2) (setting forth the method for computing the amount of time within which persons or entities must act in response to deadlines established by the Commission).

[3] *See, e.g., Requests for Review of the Decision of the Universal Service Administrator by Danbury Public Schools; Federal-State Joint Board on Universal Service*, *Changes to the Board of Directors of the National Exchange Carrier Association, Inc.,* CC Docket No. 96-45, CC Docket No. 97-21, Order, 17 FCC Rcd 17380, para. 2 (WCB 2002) (*Danbury Public Schools Order*) (dismissing a request for review where no adverse USAC decision had yet been issued). Tangipahoa Parish School District also seeks a waiver for all E-Rate applications filed since funding year 2010 without listing the application numbers or providing the specific adverse decisions to be reviewed. This request does not comply with the Commission's basic filing requirements. *See infra* note 4.

Waiver, CC Docket No. 02-6 (filed Jan. 14, 2024)

Dismissed for Failure to Comply with the Commission's Basic Filing Requirements[4]

Aspiranet, CA, No Application No. Given, CC Docket No. 02-6 (filed Dec. 21, 2023)

Dismissed on Reconsideration[5]

Glenbrook School of Minden, LA, Application No. 231039803, Petition for Reconsideration, CC Docket No. 02-6 (filed Nov. 17, 2023)

Honey Grove Independent School District, TX, Application No. 231040024, Petition for Reconsideration, CC Docket No. 02-6 (filed Jan. 9, 2024)

Dismissed to Allow Appeal to be Filed with USAC[6]

Kent Intermediate School District, MI, Application No. 221019556, Request for Waiver, CC Docket No. 02-6 (filed Nov. 17, 2023)

Granted[7]

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[4] The Bureau will not consider requests for review or waiver without reference to the relevant FCC Form 471 application number and supporting documentation. *See* 47 C.F.R. § 54.721 (setting forth general filing requirements for requests for review of decisions issued by the Administrator, including the requirement to provide supporting documentation); *see also Wireline Competition Bureau Reminds Parties of Requirements for Request for Review of Decisions by the Universal Service Administrative Company*, CC Docket Nos. 96-45, 02-6, WC Docket Nos. 02-60, 06-122, 10-90, 11-42, 13-184, 14-58, Public Notice, 29 FCC Rcd 13874 (WCB 2014) (reminding parties submitting appeals to the Bureau of the general filing requirements contained in the Commission's rules which, along with a proper caption and reference to the applicable docket number, require (1) a statement setting forth the party's interest in the matter presented for review; (2) a full statement of relevant, material facts with supporting affidavits and documentation; (3) the question presented for review, with reference, where appropriate, to the relevant Commission rule, order or statutory provision; and (4) a statement of the relief sought and the relevant statutory or regulatory provision pursuant to which such relief is sought); *Universal Service Contribution Methodology; Request for Review by Alternative Phone, Inc. and Request for Waiver*, WC Docket No. 06-122, Order, 26 FCC Rcd 6079 (WCB 2011) (*Alternative Phone, Inc. Order*) (dismissing without prejudice a request for review that failed to meet the requirements of section 54.721 of the Commission's rules).

[5] *See, e.g.*, *Requests for Waiver and Review of Decisions of the Universal Service Administrator by Allan Shivers Library et al.*; *Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order and Order on Reconsideration, 29 FCC Rcd 10356, 10357, para. 2 (WCB 2014) (*Allan Shivers Library Order*) (dismissing petitions for reconsideration that fail to identify any material error, omission, or reason warranting reconsideration, and rely on arguments that have been fully considered and rejected by the Bureau within the same proceeding).

[6] *See Petitions for Reconsideration by Little Falls Township School District et al.; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order on Reconsideration, DA 23-110, para. 10 (WCB Feb. 8, 2023) (*Little Falls Township Order*) (dismissing without prejudice appeals that are filed with the Commission before being reviewed at USAC and waiving the 60-day appeal filing deadline to allow the party to refile its appeal at USAC to have it considered on the merits).

Parties seeking review of USAC decisions must first file an appeal with USAC. *See* 47 CFR § 54.719(a). Because the petitioner filed its appeal with the Commission first, we now provide Kent Intermediate School District 60 days from the release date of this Public Notice to refile its appeal at USAC. Pursuant to the *Little Falls Township Order*, we also waive the 60-day appeal filing deadline, 47 CFR § 54.720(a), to allow the appeal to be considered on the merits by USAC without being considered late. *See Little Falls Township Order* at para. 10. Appeals for funding year 2016 and forward should be filed in the E-Rate Productivity Center portal, found here: EPC. Appeals from funding year 2015 and prior funding years should be filed by email to Appeals@usac.org.

Granting Additional time to Respond to USAC with Information During Invoicing[8]

Scio School District 95C, OR, Application No. 201022668, Request for Waiver, CC Docket No. 02-6 (filed Dec. 21, 2023)

Ministerial and/or Clerical Errors[9]

Ashland School District 5, OR, Application No. 221028026, Request for Waiver, CC Docket No. 02-6 (filed Dec. 27, 2023)

Diagonal Community Schools, IA, Application No. 221021615, Request for Waiver, CC Docket No. 02-6 (filed Dec. 10, 2023)

Permissible Service Implementation Delay[10]

ESC Region 11 Consortium, Lewisville Independent School District, TX, Application Nos. 201035601, 211024134, Request for Waiver, CC Docket No. 02-6 (filed Dec. 29, 2023)

Westerly Public Schools, RI, Application No. 221032558, Request for Waiver, CC Docket No. 02-6 (filed Jan. 16, 2024)

Waiver of Appeal Filing Deadline[11]

(Continued from previous page)

[7] We remand these applications to USAC and direct USAC to complete its review of the applications and issue a funding decision based on a complete review and analysis, no later than 90 calendar days from the release date of this Public Notice. In remanding these applications to USAC, we make no finding as to the ultimate eligibility of the services or the petitioners' applications. We also waive sections 54.507(d) and 54.514(a) of the Commission's rules and direct USAC to waive any procedural deadline that might be necessary to effectuate our ruling. *See* 47 CFR § 54.507(d) (requiring non-recurring services to be implemented by September 30 following the close of the funding year); 47 CFR § 54.514(a) (codifying the invoice filing deadline).

[8] After having its initial invoice waiver granted and remanded to USAC by the Bureau, Scio School District 95C either did not receive or failed to respond to communications from USAC on the process of refiling its invoice. We grant this waiver to give the applicant another opportunity to resubmit its request for reimbursement. *See Requests for Review and/or Waiver of Decisions of the Universal Service Administrator by Accomack County Public School et al.; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, DA 23-48, para. 14 (WCB Jan. 19, 2023) (*Accomack County Public School Order*) (granting requests for review of applicants that had been denied funding during invoicing because they failed to respond to USAC's request for information within the USAC-specified time frame).

[9] *See*, *e.g.*, *Requests for Review of Decisions of the Universal Service Administrator by Ann Arbor Public Schools,* CC Docket No. 02-6, Order, 25 FCC Rcd at 17319, 17319-20, para. 2, n.7 (WCB 2010) (*Ann Arbor Public Schools Order*) (granting waivers where the applicant referenced the wrong FCC Form 470 number on its FCC Form 471); *Requests for Review of Decisions of the Universal Service Administrator by Joseph Jingoli & Son*, CC Docket No. 02-6, Order, 22 FCC Rcd, 19227, 19228-29, paras. 3-4 (WCB 2007) (*Joseph Jingoli & Son Order*) (granting petitioners' request to correct a mistaken cancellation of a funding request).

[10] *See, e.g.*, *Request for Review/Waiver of the Decision of the Universal Service Administrator by Accelerated Charter et al.; Schools and Libraries Universal Service Support Mechanism,* CC Docket No. 02-6, Order, 29 FCC Rcd 13652, 13652-3, para. 2 (WCB 2014) (*Accelerated Charter Order*) (granting late-filed extensions of the service implementation deadline when applicants demonstrated they were unable to complete implementation on time for reasons beyond the service providers' control and made significant efforts to secure the necessary extensions in a timely manner).

[11] *See, e.g.*, *Requests for Review of Decisions of the Universal Service Administrator by ABC Unified School District*, CC Docket No. 02-6, Order, 26 FCC Rcd 11019, para. 2 (WCB 2011) (*ABC Unified School District Order*)

(continued….)

Kennedy Krieger School, MD, Application No. 231022054, Request for Waiver, CC Docket No. 02-6 (filed July 27, 2023)

McLoud Public Schools, OK, Application No. 715652, Request for Waiver, CC Docket No. 02-6 (filed Apr. 24, 2015)

Waiver of Special Construction Service Delivery Deadline[12]

CENIC-Corporation for Education Network Initiatives in California, CA, Application Nos. 201030231, 211023509, Request for Waiver, CC Docket No. 02-6 (filed Dec. 31, 2023)

Denied

Late-Filed FCC Form 471 Applications[13]

Aurora Academy Charter School, CO, Application No. 231039767, Request for Waiver, CC Docket No. 02-6 (filed Aug. 29, 2023)

Aurora Academy Charter School, CO, Application No. 231039729, Request for Waiver, CC Docket No. 02-6 (filed Aug. 29, 2023)

Lotus School for Excellence, CO, Application No. 231039793, Request for Waiver, CC Docket No. 02-6 (filed Aug. 29, 2023)

Petros Public Library, TN, Application Nos. 231030275, 231039970, Request for Waiver, CC Docket No. 02-6 (filed Nov. 20, 2023)

Late-Filed Invoice or Invoice Deadline Extension[14]

(Continued from previous page)
(granting waivers of appeal filing deadline when the petitioners submitted their appeals or waiver requests only a few days late or within a reasonable period of time after receiving actual notice of USAC's adverse decision). We make no finding on the underlying issues in these appeals and remand these applications to USAC to make a determination on the merits. *See supra* note 7.

[12] *See Requests for Waiver of the Decisions of the Universal Service Administrator by Grants/Cibola County School District and Jemez Pueblo Tribal Consortium*, CC Docket No. 02-6, Order, 33 FCC Rcd 10048, 10051, para. 8 (WCB 2018) (*Grants/Cibola County School District and Jemez Pueblo Tribal Consortium Order*) (waiving the special construction service delivery deadline because the applicant was unable to complete implementation for reasons beyond the service provider's control and the petitioner made good faith efforts to comply with Commission rules and procedures).

This applicant was unable to complete implementation for reasons beyond its control and made good faith efforts to comply with Commission rules and procedures. Accordingly, we waive the special construction service delivery deadlines and direct USAC to set a new service delivery deadline of June 30, 2024, and adjust any associated administrative or procedural deadlines, including the invoice filing deadline, that might be necessary to effectuate our ruling.

[13] *See, e.g.*, *Requests for Waiver and Review of Decisions of the Universal Service Administrator by Academy of Math and Science, et al*, CC Docket No. 02-6, Order, 25 FCC Rcd 9256, 9261-62, para. 13 (2010) (*Academy of Math and Science Order*) (denying waivers of the FCC Form 471 application filing window deadline where petitioners failed to present special circumstances justifying waivers of our rules).

[14] 47 CFR § 54.514. *See also, e.g., Requests for Waiver of Decisions of the Universal Service Administrator by Ada School District et al.; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 31 FCC Rcd 3834, 3836, para. 8 (WCB 2016) (*Ada School District Order*) (denying requests for waiver of the

(continued….)

Watchung Borough School District, NJ, Application No. 221020787, Request for Waiver, CC Docket No. 02-6 (filed Dec. 15, 2023)

Red Light Rule Violation[15]

GV Investments, LLC (Torat Hayim Hebrew Academy), CA, Application No. 171041082, Request for Waiver, CC Docket No. 02-6 (filed Dec. 20, 2023)

VC Services, LLC (Torat Hayim Hebrew Academy), CA, Application No. 171041072, Request for Waiver, CC Docket No. 02-6 (filed Dec. 20, 2023)

Untimely Filed Appeals or Waiver Requests[16]

North Linn Community School District, IA, Application No. 221020981, Request for Waiver, CC Docket No. 02-6 (filed Jan. 5, 2024)

Emergency Connectivity Fund Program
WC Docket No. 21-93

Dismissed as Insufficient[17]

(Continued from previous page)
Commission's invoice filing deadline rule for petitioners that failed to demonstrate extraordinary circumstances justifying a waiver).

[15] *See, e.g., Requests for Review of Decisions of the Universal Service Administrator by Net56, Inc., Wheeling School District 21, Schools and Libraries Support Mechanism*, CC Docket No. 02-6, Order, 28 FCC Rcd 13122, 13126, para 6 (WCB 2013) (*Net56 Order*) (denying a request for review because the E-Rate applicant owed a debt to USAC). Commission rules specify that entities must pay debts within 30 days of receiving notice of the debt and that failing to do so results in the dismissal of applications ("red light rules"). *See* 47 C.F.R. § 1.1910(b)(3).

[16] *See, e.g.*, *Requests for Review of Decisions of the Universal Service Administrator by Agra Public Schools I-134 et al.; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 25 FCC Rcd 5684, 5688, para. 6 (WCB 2010) (*Agra Public Schools Order*); *Requests for Waiver or Review of Decisions of the Universal Service Administrator by Bound Brook School District et al.; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 29 FCC Rcd 5823, 5823, para. 1 (WCB 2014) (*Bound Brook School District Order*) (denying requests for review and/or waiver on the grounds that the petitioners failed to (1) submit their appeals either to the Commission or to USAC within 60 days or failed to submit their waiver requests to the Commission within 60 days as required by the Commission's rules; and (2) did not demonstrate special circumstances required for the Commission to waive the rule).

[17] *See* 47 CFR § 54.721 (setting forth general filing requirements for requests for review of decisions issued by USAC, including the requirement to include supporting documentation); *see also Wireline Competition Bureau Reminds Parties of Requirements for Request for Review of Decisions by the Universal Service Administrative Company*, CC Docket Nos. 96-45, 02-6, WC Docket Nos. 02-60, 06-122, 10-90, 11-42, 13-184, 14- 58, Public Notice, 29 FCC Rcd 13874 (WCB 2014) (reminding parties submitting appeals to the Bureau of the general filing requirements contained in the Commission's rules which, along with a proper caption and reference to the applicable docket number, require (1) a statement setting forth the party's interest in the matter presented for review; (2) a full statement of relevant, material facts with supporting affidavits and documentation; (3) the question presented for review, with reference, where appropriate, to the relevant Commission rule, order or statutory provision; and (4) a statement of the relief sought and the relevant statutory or regulatory provision pursuant to which such relief is sought); *Alternative Phone, Inc. Order*, 26 FCC Rcd at 6079 (dismissing without prejudice a request for review that failed to meet the requirements of section 54.721 of the Commission's rules). Consistent with the Commission's decision to adopt the similar appeal and waiver rules that govern all of the Universal Service Fund programs, including the E-Rate program, and to leverage existing E-Rate processes and forms in the Emergency Connectivity
(continued….)

Hope Baptist Church Inc., IN, No Application, Request for Waiver, WC Docket No. 21-93 (filed Oct. 30, 2023)

Dismissed as Moot – USAC Took Action Requested[18]

Eden Valley-Watkins Independent School District #463, MN, Application No. ECF222119010, Request for Waiver, WC Docket No. 21-93 (filed Nov. 15, 2023)

Jamul-Dulzura Union School District, CA, Application No. ECF222120905, Request for Waiver, WC Docket No. 21-93 (filed Oct. 30, 2023)

Morristown Covenant Academy, TN, Application No, ECF202109220, Request for Waiver, WC Docket No. 21-93 (filed Oct. 30, 2023)

Dismissed on Reconsideration[19]

Bronzeville Academy Charter School, IL, Application No. ECF202207591, Petition for Reconsideration, WC Docket No. 21-93 (filed Dec. 5, 2023)

Granted[20]

Waiver of Appeal Filing Deadline – USAC Error Resulted in Late-Filed Appeal[21]

Caldwell Public Library, NJ, Application Nos. ECF222117857, ECF202201797, Request for Review and/or Waiver, WC Docket No. 21-93 (filed Oct. 18, 2023)[22]

Kingsway Learning Centers, NJ, Application No. ECF202206094, Request for Review and/or

(Continued from previous page)

Fund program, we rely on E-Rate and other Commission precedent to resolve this petition for waiver of the Emergency Connectivity Fund program rules. *See* 47 CFR § 54.1718(c).

[18] *See, e.g., Requests for Review and/or Requests for Waiver of the Decisions of the Universal Service Administrator by Al Noor High School et al.; Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 27 FCC Rcd 8223, 8224, para. 2 (WCB 2012) (*Al Noor High School Order*) (dismissing as moot requests for review where USAC had taken the action the petitioner requested).

[19] *See, e.g.*, *Allan Shivers Library Order*, 29 FCC Rcd at 10357, para. 2 (dismissing petitions for reconsideration that fail to identify any material error, omission, or reason warranting reconsideration, and rely on arguments that have been fully considered and rejected by the Bureau within the same proceeding). Consistent with the Commission's decision to adopt the similar appeal and waiver rules that govern all of the Universal Service Fund programs, including the E-Rate program, and to leverage existing E-Rate processes and forms in the Emergency Connectivity Fund program, we rely on E-Rate program precedent to resolve this petition for reconsideration.

[20] *See supra* note 7.

[21] *See, e.g., Requests for Review and/or Requests for Waiver of Decisions of the Universal Service Administrator by Animas School District 6 et al., Schools and Libraries Universal Service Support Mechanism*, CC Docket No. 02-6, Order, 26 FCC Rcd 16903, 16905, para. 4 (WCB 2011) (*Animas School District Order*) (granting petitioners waivers of our appeal filing deadline because their late-filed appeal would not have been necessary absent an error on the part of USAC). Consistent with the Commission's decision to adopt the similar appeal and waiver rules that govern all of the Universal Service Fund programs, including the E-Rate program, and to leverage existing E-Rate processes and forms in the Emergency Connectivity Fund program, we rely on E-Rate program precedent to resolve these petitions for waiver of the Emergency Connectivity Fund program rules.

[22] We grant petitioner's waiver request and direct USAC to resolve whether there are duplicative devices on application nos. ECF222117857 and ECF202201797. We also waive any associated administrative or procedural deadlines that might be necessary to effectuate our ruling. *See supra* note 7.

Waiver, WC Docket No. 21-93 (filed Oct. 9, 2023)

Waiver of Service Delivery Date[23]

Meridian Public Charter School District, DC, Application No. ECF202110594, Request for Waiver, WC Docket No. 21-93 (filed June 23, 2023)

High-Cost Program (Rural Digital Opportunity Fund)
WC Docket No. 20-34

Granted

Letter of Credit[24]

Baraga Telephone Company's Petition for Waiver of Section 54.804(c)(2)(i)(B), WC Docket No. 20-34 (filed Jan. 4, 2024).

Consolidated Communications Holdings, Inc. Petition for Waiver of Section 54.804(c)(2)(i)(B), WC Docket Nos. 10-90, 19-126, 20-34 (filed Jan. 18, 2024).

Rural Health Care Program
WC Docket No. 02-60

[23] *See, e.g.*, *Accelerated Charter Order*, 29 FCC Rcd at 13652-53, para. 2 (allowing extensions of the deadline for service implementation when applicants demonstrated they were unable to complete implementation on time for reasons beyond their control and made significant efforts to secure the necessary extensions). Consistent with the extension granted to some applicants on May 12, 2023, we waive the service delivery deadline and direct USAC to set a new service delivery deadline of June 30, 2024, and adjust any associated administrative or procedural deadlines, including the invoice deadline, that might be necessary to effectuate our ruling. *Establishing Emergency Connectivity Fund to Close the Homework Gap*, WC Docket No. 21-93, Order, DA 23-405 (WCB May 12, 2023) (extending the deadline of equipment funding requests from the first and second application filing window by 180 days, but not to exceed beyond June 30, 2024). We also waive any associated administrative or procedural deadlines that might be necessary to effectuate our ruling. *See supra* note 7. Consistent with the Commission's decision to adopt the similar appeal and waiver rules that govern all of the Universal Service Fund programs, including the E-Rate program, and to leverage existing E-Rate processes and forms in the Emergency Connectivity Fund program, we rely on E-Rate program precedent to this petition for waiver of the Emergency Connectivity Fund program rules.

[24] Baraga Telephone Company (Baraga) seeks temporary waiver of the Rural Digital Opportunity Fund (RDOF) Auction Letter of Credit rules, which require a recipient of RDOF support to maintain a Letter of Credit (LOC) with a bank that maintains a Weiss safety rating of B- or better. We grant this waiver for 180 days, until July 30, 2024, consistent with previous waiver grants. Consolidated Communications Holdings, Inc. (Consolidated) seeks a waiver of the same rule for a period not to exceed six months. We grant this waiver, also for 180 days, until July 30, 2024, for the same reasons. *See Connect America Fund et al.*, WC Docket No. 10-90 et al., Order, 37 FCC Rcd 10271 (WCB 2022) (*Point Broadband Order*); *Connect America Fund et al.*, WC Docket No. 10-90 et al., Order, DA 23-419 (WCB May 17, 2023) (*ECFiber Order*); *Connect America Fund et al.*, WC Docket No. 10-90 et al., Order, DA 23-513 (WCB June 14, 2023) (*DoCoMo Order*); *Streamlined Resolution of Requests Related to the Actions by the Universal Service Administrative Company*, CC Docket No. 02-6, WC Docket Nos. 02-60, 06-122, 10-90, 21-93, Public Notice, DA 23-756, at 22 & n. 52 (WCB Aug. 31, 2023) (*August 2023 Streamlined Public Notice*); *Streamlined Resolution of Requests Related to the Actions by the Universal Service Administrative Company*, CC Docket No. 02-6, WC Docket Nos. 02-60, 06-122, 10-90, 20-34, 21-93, Public Notice, DA 23-1104, at 12 & n. 39 (WCB Dec. 1, 2023) (*December 2023 Streamlined Public Notice*); *Streamlined Resolution of Requests Related to the Actions by the Universal Service Administrative Company*, CC Docket No. 02-6, WC Docket Nos. 02-60, 06-122, 10-90, 20-34, 21-93, Public Notice, DA 24-1, at 8 & n. 25 (WCB Jan. 2, 2024) (*January 2024 Streamlined Public Notice*).

Granted

Invoice Filing Deadline[25]

Sarah Bush Lincoln Health System, IL, Request for Review, WC Docket No. 02-60, Funding Request No. RHC RHC20220005331 (filed Dec. 22, 2023)

Waiver of the Service Provider Identification Number Change Deadline[26]

Arkansas Department of Health, AR, Request for Waiver, WC Docket No. 02-60, Funding Request No. RHC20220011386 (filed Jan. 5, 2024)

Lakewood Health System – Staples, MN, Request for Waiver, WC Docket No. 02-60, Funding Request No. RHC20220012350 (filed Jan. 4, 2024)

For additional information concerning this Public Notice, please contact James Bachtell in the Telecommunications Access Policy Division, Wireline Competition Bureau, at james.bachtell@fcc.gov or (202) 418-2694.

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[25] *See* 47 CFR § 54.627(a) (stating that the invoice deadline is 120 days after the later of the service delivery deadline and the date of a revised funding commitment letter issued pursuant to an approved post-commitment request). In this case, USAC issued a revised funding commitment letter pursuant to a post-commitment request but did not update the invoice deadline. We direct USAC to issue a new funding commitment letter with an invoice deadline 120 days after the date of that letter.

[26] *See Requests for Review of Decisions of the Universal Service Administrator by Bay Shore Union Free School District, et al., Schools and Libraries Universal Service Support Mechanism, et al.*, CC Docket No. 02-6, Order, 23 FCC Rcd 15537, 15543, para. 11 (WCB 2008) (waiving the service provider identification number (SPIN) change deadline when applicants were unaware of the need for a SPIN change until after the deadline). We direct USAC to coordinate with the applicants on filing SPIN change requests and make no finding as to the merits of the request. We also dismiss any requests for waivers of the invoice deadline as moot because, if a SPIN change is granted, USAC will set a new invoice deadline of 120 days from the date of the revised funding commitment letter approving the SPIN change. *See* 47 CFR § 54.627(a)(2).

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
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DA 24-89
Released: February 1, 2024

WIRELESS TELECOMMUNICATIONS BUREAU GRANTS AUCTION 108 LICENSES

Auction No. 108

By this Public Notice, the Wireless Telecommunications Bureau (WTB) announces the grant of three long-form applications and issuance of 16 licenses for Auction 108. On August 29, 2022, the Federal Communications Commission (Commission) completed the auction of new flexible-use geographic overlay licenses in the (2.5 GHz) band, and the Office of Economics and Analytics (OEA) and the Wireless Telecommunications Bureau (WTB) announced the results of that auction on September 1, 2022.[1] This auction raised a total of $419,133,261 in net bids and $427,789,670 in gross bids, with 63 bidders winning a total of 7,872 licenses.[2] Long-form applications for licenses won in Auction 108 were due on September 16, 2022.[3] WTB accepted these three Auction 108 applications for filing on January 16, 2024.[4]

[1] *Auction of Flexible-Use Licenses in the 2.5 GHz Band Closes*, Public Notice, 37 FCC Rcd 10117 (OEA & WTB Sept. 1, 2022).

[2] "Gross bids" refers to the total of winning bid amounts at the close of bidding and does not reflect any small business or rural service provider bidding credits claimed by eligible winning bidders. "Net bids" refers to the total of winning bid amounts as adjusted for any small business or rural service provider bidding credits claimed by winning bidders.

[3] On October 26, 2022, WTB released the first accepted for filing public notice for Auction 108 which found 52 applications acceptable for filing. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 37 FCC Rcd 12344 (WTB Oct. 26, 2022). Subsequently, on December 1, 2022, WTB granted 51 of those 52 applications. *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, 37 FCC Rcd 14020 (WTB Dec. 1, 2022). On December 8, 2022, WTB released the second accepted for filing public notice for Auction 108 which found four applications acceptable for filing. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 37 FCC Rcd 14127 (WTB Dec. 8, 2022). Those four applications were subsequently granted on January 5, 2023. *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, DA 23-12 (WTB Jan. 5, 2023). On February, 14, 2023, WTB release the third accepted for filing public notice for Auction 108 which found seven applications acceptable for filing. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, DA 23-125 (WTB Feb. 14, 2023). Those seven applications were subsequently granted on March 1, 2023. *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, DA 23-155 (WTB Mar. 1, 2023). Subsequently, the Commission's authority to issue licenses pursuant to a system of competitive bidding lapsed on March 9, 2023. *See* 47 USC 309(j)(11); Consolidated Appropriations Act, 2023, Pub. L. No. 117-328, 136 Stat. 4459 (December 29, 2022) (extending the Commission's spectrum auction authority through March 9, 2023). Congress subsequently passed legislation authorizing the Commission to process any remaining licenses won in Auction 108 within 90 days of enactment, which occurred on December 19, 2023. *See* 5G Spectrum Authority Licensing Enforcement Act (5G SALE Act), Pub. L. No. 118-27 (2023).

[4] *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, DA 24-37 (WTB Jan. 16, 2024).

Upon further review and examination, WTB finds the applications for the licenses listed in Attachment A to be complete and in conformance with the Commission's rules. We find that granting the applications for the licenses listed in Attachment A serves the public interest, convenience, and necessity. Furthermore, the Commission has received full payment for the licenses listed in Attachment A, as required by section 1.2109(a) of its rules.[5] Accordingly, by this Public Notice, we announce the grant of the licenses listed in Attachment A. We grant these licenses pursuant to section 309(a) of the Communications Act, 47 U.S.C. § 309(a), and sections 0.131 and 0.331 of the Commission's rules, 47 C.F.R. §§ 0.131, 0.331.

We remind licensees that they should review all Commission orders and public notices establishing rules and policies for the 2.5 GHz Band.[6] Each licensee is solely responsible for complying with all FCC rules and regulations associated with these licenses. Notably, we remind Auction 108 licensees that they must protect existing incumbent licenses, including Rural Tribal Priority Window (RTPW) licenses.[7] We further remind licensees that pending RTPW applications may affect the licenses issued in Auction 108. Licenses granted through applications received during the RTPW will have incumbent status vis-à-vis licenses awarded in Auction 108.[8] In other words, any winning bidder awarded a license in Auction 108 may not operate within the license area of a successful RTPW applicant, even if that RTPW application remains pending at the time of issuance of the Auction 108 overlay license.

This Public Notice includes two attachments:

Attachment A – Flexible-Use Licenses Granted – Sorted by Licensee
Attachment B – Flexible-Use Licenses Granted – Sorted by Market Number

Please contact Madelaine Maior or Nadja Sodos-Wallace at Madelaine.Maior@fcc.gov and Nadja.SodosWallace@fcc.gov for questions regarding legal matters or licensing issues. Please contact Will Wiquist at (202) 418-0509 or Will.Wiquist@fcc.gov for press questions.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice).

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[5] 47 CFR § 1.2109(a).

[6] *See generally Transforming the 2.5 GHz Band*, WT Docket No. 18-120, Report and Order, 34 FCC Rcd 5446 (2019) (modified by Erratum, 34 FCC Rcd 10386 (WTB 2019)) (*2.5 GHz Report and Order*).

[7] *See 2.5 GHz Report and Order*, 34 FCC Rcd at 5473, para. 77; 47 CFR § 27.1206(b)(2)(ii).

[8] *See Auction of Flexible-Use Licenses in the 2.5 GHz Band for Next-Generation Wireless Services; Notice and Filing Requirements, Minimum Opening Bids, Upfront Payments, and Other Procedures of Auction 108; Bidding Scheduled to Begin July 29, 2022*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 4370, 4378, para. 14, 4376, para. 9 (2022)..

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 1, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
Northern Valley Communications, LLC	D46017	BUFFALO, SD	1	0010207796	WSAP310	N
Northern Valley Communications, LLC	D46065	HUGHES, SD	1	0010207796	WSAP311	N
Northern Valley Communications, LLC	D46069	HYDE, SD	1	0010207796	WSAP312	N
Northern Valley Communications, LLC	D46085	LYMAN, SD	1	0010207796	WSAP313	N
Northern Valley Communications, LLC	D46117	STANLEY, SD	1	0010207796	WSAP314	N
Paladin Wireless LLC	D13105	ELBERT, GA	3	0010203494	WSAP301	N
Paladin Wireless LLC	D13119	FRANKLIN, GA	1	0010203494	WSAP302	N
Paladin Wireless LLC	D13141	HANCOCK, GA	1	0010203494	WSAP303	N
Paladin Wireless LLC	D13141	HANCOCK, GA	2	0010203494	WSAP304	N
Paladin Wireless LLC	D13141	HANCOCK, GA	3	0010203494	WSAP305	N
Paladin Wireless LLC	D13221	OGLETHORPE, GA	1	0010203494	WSAP306	N
Paladin Wireless LLC	D13221	OGLETHORPE, GA	3	0010203494	WSAP307	N
Paladin Wireless LLC	D13265	TALIAFERRO, GA	1	0010203494	WSAP308	N
Paladin Wireless LLC	D13301	WARREN, GA	1	0010203494	WSAP309	N
SkyPacket Networks Inc.	D24001	ALLEGANY, MD	1	0010207717	WSAP299	N
SkyPacket Networks Inc.	D54057	MINERAL, WV	1	0010207717	WSAP300	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 1, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
Paladin Wireless LLC	D13105	ELBERT, GA	3	0010203494	WSAP301	N
Paladin Wireless LLC	D13119	FRANKLIN, GA	1	0010203494	WSAP302	N
Paladin Wireless LLC	D13141	HANCOCK, GA	1	0010203494	WSAP303	N
Paladin Wireless LLC	D13141	HANCOCK, GA	2	0010203494	WSAP304	N
Paladin Wireless LLC	D13141	HANCOCK, GA	3	0010203494	WSAP305	N
Paladin Wireless LLC	D13221	OGLETHORPE, GA	1	0010203494	WSAP306	N
Paladin Wireless LLC	D13221	OGLETHORPE, GA	3	0010203494	WSAP307	N
Paladin Wireless LLC	D13265	TALIAFERRO, GA	1	0010203494	WSAP308	N
Paladin Wireless LLC	D13301	WARREN, GA	1	0010203494	WSAP309	N
SkyPacket Networks Inc.	D24001	ALLEGANY, MD	1	0010207717	WSAP299	N
Northern Valley Communications, LLC	D46017	BUFFALO, SD	1	0010207796	WSAP310	N
Northern Valley Communications, LLC	D46065	HUGHES, SD	1	0010207796	WSAP311	N
Northern Valley Communications, LLC	D46069	HYDE, SD	1	0010207796	WSAP312	N
Northern Valley Communications, LLC	D46085	LYMAN, SD	1	0010207796	WSAP313	N
Northern Valley Communications, LLC	D46117	STANLEY, SD	1	0010207796	WSAP314	N
SkyPacket Networks Inc.	D54057	MINERAL, WV	1	0010207717	WSAP300	N

PUBLIC NOTICE

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DA 24-92
February 1, 2024

MEDIA BUREAU PROVIDES GUIDANCE ON THE PROCESSING OF SCHEDULE 318 APPLICATIONS FILED IN THE LPFM WINDOW

This Public Notice provides an overview of the processing of the Form 2100, Schedule 318 (Schedule 318) applications for Low Power FM (LPFM) new station construction permits (LPFM Applications) filed in the recent December 2023, filing window.[1] Specifically, it provides information on the processing of singleton and mutually exclusive applications; applicants' ability to file amendments, settlements, and time-share agreements; opportunities to file petitions to deny; and options to seek the reinstatement of dismissed applications. As announced in the *LPFM Closing Notice*, the Bureau imposed a temporary freeze on the filing of any amendments to new LPFM station applications submitted in the December 2023, filing window.[2] The amendment filing freeze will be lifted at 6:00 pm EST on Wednesday, January 31, 2024.

General Processing Procedures. The Media Bureau (Bureau) received 1,336 Schedule 318 LPFM Applications during the December 6 – December 13, 2023, LPFM filing window. The processing of these LPFM Applications will occur in the following manner (discussed more fully below):

- The Bureau is currently identifying acceptable singleton applications.
- The Bureau will subsequently release Public Notices identifying the mutually exclusive (MX) application groups (MX Group PN).
- Effective with the release of an MX Group PN, the MX applicants will have the ability to file technical amendments and/or enter into settlement agreements to resolve application conflicts.
- Following the Bureau's review of technical amendments and agreements filed to remove application conflicts, the Commission will identify, by Public Notices, the tentative selectee(s) from each MX group (Tentative Selectee PN).[3]
- Upon release of a Tentative Selectee PN, up to three tied tentative selectee applicants in an MX group may file a voluntary time-share agreement.

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[1] *Media Bureau Announces Filing Procedures and Requirements for November 1 – November 8, 2023, Low Power FM Filing Window*, Public Notice, DA 23-642 (MB July 31, 2023) (*LPFM Procedures Notice*); *Media Bureau Announces Revised Dates for LPFM New Station Application Filing Window; Window Open from December 6, 2023 to December 13, 2023,* Public Notice, DA 23-984 (MB October 17, 2023).

[2] *Media Bureau Announces Close of LPFM New Station Filing Window and Temporary Filing Freeze on Amendments to Applications Submitted in the December 2023 Filing Window*, Public Notice, DA 23-1165 (MB Dec. 15, 2023) (*LPFM Closing Notice*). Applicants with correctable defects will now be able to file curative amendments pursuant to our established procedures and the guidelines discussed in this public notice. *See also Commission States Future Policy on Incomplete and Patently Defective AM and FM Construction Permit Applications,* Public Notice, 56 RR 2d 776 (1984). Applicants may not amend their applications to increase their comparative point total.

[3] The Commission will compare MX applications under the LPFM point system and tentatively select the application(s) with the highest point total from each MX group for grant. *See* 47 CFR § 73.872.

- The Bureau will analyze any petitions to deny filed against any singleton application or tentative selectee application, and then either grant or dismiss that application. In certain cases, the Commission will identify a successor tentative selectee or selectees. New tentative selectees also will be subject to petitions to deny.

Singleton Applications. The Bureau has identified over 700 technically acceptable LPFM Applications which are not in conflict with any other application, *i.e.*, singleton applications. The staff has put these applications on Public Notice announcing them as "accepted for filing." The daily LMS Applications Public Notice announces this action and starts the 30-day period for the filing of petitions to deny (explained below). These notices can be found in the Commission's *Daily Digest*, available at http://www.fcc.gov/edocs/daily-digest.[4]

Mutually Exclusive Applications. When the distance between two window applications does not meet the minimum distance separation requirements specified in section 73.807 of the Commission's rules,[5] the applications are treated as mutually exclusive (MX). An MX group consists of all applications which are MX to at least one other application in the group. The Bureau will identify MX applications in subsequent MX Group PNs. MX applicants may communicate with each other at any time before or after the release of the MX Group PN to explore options for resolving application conflicts through settlements, technical amendments, and voluntary time-share agreements (see below).

Resolution of Application Conflicts. Upon the release of an MX Group PN, applicants will have a 60-day period to resolve conflicts through two methods - settlement agreements or technical amendments.[6] The filing opportunity will be limited to settlement agreements, which may include requests to dismiss applications filed in the window, and/or engineering amendments that resolve all technical conflicts between at least one application and all other MX applications filed in the window. Applicants in MX groups, which do not submit settlements or technical amendments during the allotted period, will proceed to a comparative point analysis.[7]

Settlement Agreements. A settlement must propose the grant of at least one technically acceptable application within a group of mutually exclusive applications and may not create any new application conflicts.[8] Universal settlements, which resolve the claims of all applications within an MX group, are encouraged, but not required. Applicants entering into agreements to procure the removal of a conflict between applications by amendment or dismissal of an application must ensure that their settlement agreements comply with the pertinent requirements of section 73.3525 of the Commission's rules, including reimbursement restrictions.[9] Specifically, parties must file with the Bureau:

[4] The majority of the "accepted for filing" LMS Applications Public Notices were released between January 2, 2024 and January 22, 2024.

[5] 47 CFR § 73.807.

[6] Although settlement and technical amendments submitted during the 60-day period will receive expedited processing, MX applicants can continue to submit settlements and technical amendments at any time after the release of an MX Group PN.

[7] *See* 47 CFR § 73.872.

[8] We will process any settlement achieved through technical amendment(s) and/or dismissal(s) which results in our ability to grant at least one singleton application. In the event that the staff determines that a settlement complies with the Commission's rules, we will issue a Public Notice accepting for filing all applications proposed for grant pursuant to the settlement. Petitions to deny these applications may be filed within thirty (30) days of this subsequent Public Notice.

[9] 47 CFR § 73.3525.

1. A copy of their settlement agreement and any ancillary agreement(s);
2. A joint request for approval of such agreement; and
3. An affidavit of each party to the agreement setting forth:
    (a) The reasons why such agreement is in the public interest;
    (b) A statement that its application was not filed for the purpose of reaching or carrying out such agreement;
    (c) A certification that neither the applicant nor its principals has received any money or other consideration in excess of the legitimate and prudent expenses of the applicant;[10]
    (d) The exact nature and amount of any consideration paid or promised;
    (e) An itemized accounting of the expenses for which it seeks reimbursement; and
    (f) The terms of any oral agreement relating to the dismissal or withdrawal of its application.[11]

Technical Amendments. Acceptable technical amendments will resolve all conflicts between at least one application and all other applications in the same MX group.[12] Only minor engineering amendments, explained below, will be accepted during the 60-day settlement period. Amended applications must specify rule-compliant facilities. Applicants filing technical amendments should carefully consider all legal, e.g., maintaining eligibility as a "local" applicant,[13] and technical requirements. Applications that are amended and create any new application conflicts, or that worsen any existing conflicts (such as increasing existing overlap), will be dismissed. Applicants may file technical amendments as part of a settlement agreement or unilaterally.

Minor Amendments. With the exclusion of prohibited amendments mentioned below, starting at 6 pm EST, January 31, 2024, all pending LPFM applicants may only file "minor" amendments, which include: (1) site relocations of 11.2 kilometers or less OR site relocations that involve overlap between the 60 dBu service contours;[14] (2) channel changes of no more than +/- three channels or to an intermediate frequency (+/- 53 or 54) channel; (3) changes in general or legal information; and (4) changes in ownership where the original parties retain more than 50 percent ownership in the application as originally filed, and changes in ownership where the original parties retain 50 percent or less ownership, provided the change is gradual and/or there is no evidence of a takeover concern or significant effect on the organization's mission.[15]

Coordinated and Unilateral Technical Amendments. Applicants filing coordinated technical amendments as part of a settlement agreement must cross-reference all such filings in each amendment. An applicant that unilaterally files an engineering amendment to procure the removal of conflicts with other applications, without having entered into a settlement agreement with any other applicant, must

[10] "Legitimate and prudent expenses" are those expenses reasonably incurred by an applicant in preparing, filing, prosecuting, and settling its application for which reimbursement is being sought. 47 CFR § 73.3525(h).

[11] *See* 47 CFR § 73.3525.

[12] A technical amendment is one in which an applicant removes itself from the MX group to achieve a grant by making minor engineering changes to its own application, without affecting the viability of any of the other applicants to compete for a second station.

[13] *See* 47 CFR § 73.853(b).

[14] 47 CFR § 73.871(c)(1).

[15] *See* 47 CFR § 73.871(c)(3). All ownership changes in a governmental applicant are considered minor. *Id.*

nevertheless submit an affidavit stating whether consideration has been promised to or received by such applicant in connection with its engineering amendment.[16]

Major Amendments. Major amendments, such as non-adjacent channel changes and otherwise prohibited site relocations of greater than 11.2 kilometers that do not overlap 60 dBu contours (comparing the amended facilities to the prior proposed facilities), will *only* be allowed after the Commission identifies tentative selectees among the MX groups. Tentative selectees will be announced in a series of Tentative Selectee PNs after the 60-day settlement period. Major amendments will *only* be allowed within 90 days of the release of a Tentative Selectee PN and o*nly* with respect to the applications listed in the particular Tentative Selectee PN.

Prohibited Amendments. Applicants *may not* amend their applications to increase their comparative point total and *may not* amend their applications to come into compliance with the minimum separation requirements provided in section 73.807 of the Commission's rules.[17]

Voluntary and Involuntary Time-Share Agreements. MX applicants may also enter into voluntary time-share agreements. Specifically, if MX applicants have the same highest point total,[18] *no more than three* of the applicants tied for the highest point total may propose to share use of the frequency by electronically submitting, within 90 days of the release of a public notice announcing the tie (the Tentative Selectee PN), a time-share proposal.[19] Such proposals shall be treated as minor amendments to the time-share proponents' applications and shall become part of the terms of the station authorization.

LPFM applicants may begin to communicate and collaborate *at any time* on aggregating their points and entering into voluntary time-sharing agreements.[20] Applicants that enter into voluntary time-sharing agreements prior to the tentative selectee designations, however, must condition the agreement on each applicant subsequently achieving tentative selectee status and each applicant having the basic qualifications to receive grant of its application. Although applicants may collaborate with each other at any time, any time-share proposal may *only* be electronically submitted within 90 days after the release of the Tentative Selectee PN.[21]

Any time-share agreement must be in writing, signed by each time-share proponent, and satisfy

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[16] *See* 47 CFR §73.3525(b).

[17] 47 CFR §§ 73.807, 73.870(c).

[18] *See* 47 CFR § 73.872(b). The LPFM point system awards a maximum of six merit points, based on six criteria, with one point awarded under each criterion: (1) established community presence of at least two years; (2) commitment to originate local programming; (3) commitment to maintain a main studio; (4) commitment both to originate local programming and to maintain a main studio; (5) diversity of ownership; and (6) Tribal applicants serving Tribal lands.

[19] 47 CFR § 73.872(c). This limitation on the number of applicants included in voluntary time-sharing agreements also will apply to any time-sharing agreement incorporated in an overall settlement under 47 CFR § 73.872(e).

[20] *Id.; see also Reexamination of the Comparative Standards and Procedures for Licensing Noncommercial Educational Broadcast Stations and Low Power FM Stations,* Report and Order, 34 FCC Rcd 12519, 12535 (2019) (*NCE LPFM Report and Order*) (amending the rules to permit LPFM applicants to discuss point aggregation and time-sharing arrangements during the application process). The Commission explained that "by allowing organizations interested in filing an LPFM application the leeway to communicate with other eligible organizations, they can maximize their chances of acquiring LPFM construction permits and explore potential time-share construction and operating efficiencies." *Id.*

[21] 47 CFR 73.872(c). *NCE LPFM Report and Order*, 34 FCC Rcd at 12535, n.112.

the following requirements:

1. The proposal must specify the proposed hours of operation of each time-share proponent;
2. The proposal must not include simultaneous operation of the time-share proponents; and
3. Each time-share proponent must propose to operate for at least 10 hours per week.[22]

Following the tentative selectee designations in the Tentative Selectee PNs, if the tied MX applicants do not enter into voluntary time-share agreements within the time allotted, the Commission will assign involuntary time-sharing arrangements[23] to no more than three of the tied applicants in each MX Group.

Petitions to Deny. Singleton applications and tentatively-selected MX applications, which satisfy core technical and legal requirements, will be "accepted for filing." All accepted applications are subject to petitions to deny.[24] A petition to deny must be filed within 30 days of a Public Notice announcing the acceptance for filing of an application and in accordance with the procedures set forth in section 73.3584 of the Commission's rules.[25] An informal objection may be filed at any time after the application is accepted for filing.[26] Filers of both petitions to deny and informal objections must serve a copy of their filings on the applicant.

Following the completion of the pleading cycle, the Bureau will review the merits of any petition to deny. Applications that are granted will receive a construction permit from the Bureau.

The Bureau will *not* entertain an objection or petition to deny any application prior to the designated 30-day petition to deny period.

Dismissed applications. Consistent with established processing rules, the Bureau must dismiss any LPFM Application that does not comply with the minimum separation requirements provided in section 73.807 of the Commission's rules.[27] Any application with such a violation cannot be amended to come into compliance with the minimum separation requirements. Such amendments *will not* be accepted under any circumstances.[28] In addition, applications filed by individuals,[29] multiple applications

[22] 47 CFR 73.872(c)(1).

[23] *See* 47 CFR § 73.872(d). In the case of involuntary time-sharing, tied MX applicants simultaneously and confidentially submit their preferred time slots to the Commission. These procedures will be explained in detail in future Public Notices.

[24] 47 CFR § 73.870(d).

[25] 47 CFR § 73.3584. An applicant may file an opposition, and the petitioner may file a reply, within the times prescribed by the rules.

[26] 47 CFR § 73.3587.

[27] 47 CFR § 73.807. *See, e.g., LPFM Procedures Notice, supra* note 1.

[28] *Id.*

[29] An LPFM station may be licensed to a noncommercial educational organization, to a tribal entity, or a for public safety service. 47 CFR §73.853. Individuals are not eligible to own and operate LPFM stations. *See Creation of a Low Power Radio Service,* Report and Order, 15 FCC Rcd 2205, 2215 n.40 (2000).

filed by non-profit educational organizations,[30] and applicants engaged in unauthorized radio operations,[31] cannot be amended to come into compliance with the rules.

LPFM applicants whose applications are dismissed on other grounds will have one opportunity to file a minor curative amendment to its application and a petition for reconsideration, requesting reinstatement of the application *nunc pro tunc*.[32] The amendment and petition for reconsideration must be filed within 30 days of the dismissal of the application. Any amendment must propose minor changes and comply with all relevant rules.[33] The Bureau staff will not reinstate the application of an applicant that is unable to cure *all* the acceptability defects (including any defects not previously identified by the Bureau staff).

For additional information, contact: James Bradshaw, James.Bradshaw@fcc.gov; Alexander Sanjenis, Alexander.Sanjenis@fcc.gov; Amy Van de Kerckhove, Amy.Vandekerckhove@fcc.gov; or Lisa Scanlan, Lisa.Scanlan@fcc.gov of the Media Bureau, Audio Division, (202) 418-2700.

- FCC -

[30] *See* 47 CFR § 73.855(a) (generally prohibiting the grant of an LPFM application where such grant would result in a party holding an attributable interest in two or more LPFM stations).

[31] *See* 47 CFR § 73.854; *see also NCE LFPM Report and Order,* 13 FCC Rcd at 12533 (amending the rules to preclude an applicant dismissed due to unauthorized broadcasting from seeking *nunc pro tunc* reinstatement of its application).

[32] *See Commission States Future Policy on Incomplete and Patently Defective AM and FM Construction Permit Applications,* Public Notice, 56 RR 2d 776 (1984); 47 CFR § 1.106.

[33] Applicants may not amend their applications to increase their comparative position.

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: http://www.fcc.gov (or ftp.fcc.gov)
TTY (202) 418-2555

DA No. 24-93

Report No. TEL-02338 **Thursday February 1, 2024**

International Authorizations Granted

Section 214 Applications (47 CFR §§ 63.18, 63.24); Section 310(b) Petitions (47 CFR § 1.5000)

By the Chief, Telecommunications and Analysis Division, Office of International Affairs:

The following applications have been granted pursuant to the Commission's processing procedures set forth in sections 63.12 and 63.20 of the Commission's rules. 47 CFR §§ 63.12, 63.20.

Unless otherwise noted, these grants authorize the applicants to: (1) become a facilities-based international common carrier subject to 47 CFR §§ 63.21, 63.22 and/or a resale-based international common carrier subject to 47 CFR §§ 63.21, 63.23; (2) assign or transfer control of international section 214 authority in accordance with 47 CFR § 63.24; or (3) exceed the foreign ownership benchmarks applicable to common carrier radio licensees under 47 U.S.C. § 310(b); see Subpart T of Part 1 of the Commission's rules, 47 CFR §§ 1.5000-5004.

THIS PUBLIC NOTICE SERVES AS EACH NEWLY AUTHORIZED CARRIER'S SECTION 214 CERTIFICATE. It contains general and specific conditions, which are set forth below. Newly authorized carriers should carefully review the terms and conditions of their authorizations. Failure to comply with general or specific conditions of an authorization, or with other relevant Commission rules and policies, could result in fines and forfeitures.

Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules, 47 CFR §§ 1.106, 1.115, in regard to the grant of any of these applications may be filed within 30 (thirty) days of this public notice. See 47 CFR § 1.4(b)(2).

ITC-214-20230823-00148 E Ring True Telecom LLC
International Telecommunications Certificate
Service(s): Global or Limited Global Resale Service
Grant of Authority Date of Action: 01/26/2024

Ring True Telecom LLC (Ring True) filed an application for authority to provide resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e) (2).

Ring True, a California limited liability company, is wholly owned by John Tuttle, a U.S. citizen.

ITC-ASG-20240115-00008 E Eloquent Cloud

Assignment

Grant of Authority Date of Action: 01/31/2024

Current Licensee: Eloquent Cloud

FROM: Eloquent Cloud

TO: Eloquent Cloud

On January 15, 2024, Eloquent Cloud filed a notification of the pro forma assignment of an international section 214 authorization for the provision of global facilities-based and resale service (ITC-214-20200220-00036), effective August 1, 2020. In a corporate reorganization, Eloquent Cloud, LLC, a California limited liability company, reincorporated as Eloquent Cloud, Inc., a Delaware corporation, with no change in ownership.

Grant of this application is without prejudice to any enforcement action by the Commission for non-compliance with the Communications Act of 1934, as amended, or the Commission's rules.

ITC-ASG-20240126-00020 E Partner Communications Cooperative

Assignment

Grant of Authority Date of Action: 01/31/2024

Current Licensee: Partner Long Distance, Inc.

FROM: Partner Long Distance, Inc.

TO: Partner Communications Cooperative

On January 25, 2024, Partner Communications Cooperative (PCC) filed a notification of the pro forma assignment of an international section 214 authorization for the provision of resale service (ITC-214-19970710-00388), from Partner Long Distance, Inc. (PLD) to PCC, effective December 5, 2005. PLD, a wholly owned subsidiary of PCC, assigned all of its operations, including its international section 214 authorization, to PCC and then PLD was dissolved.

Grant of this application is without prejudice to any enforcement action by the Commission for non-compliance with the Communications Act of 1934, as amended, or the Commission's rules.

ITC-T/C-20230801-00096 E Consolidated Communications of Comerco Company

Transfer of Control

Grant of Authority Date of Action: 01/26/2024

Current Licensee: Consolidated Communications Holdings, Inc.

FROM: Consolidated Communications Holdings, Inc.

TO: NextCape LLC

Consolidated Communications of Comerco Company (CCCC), a Washington company that provides international service, filed an application for consent to the transfer of control of CCCC from Consolidated Communications Holdings, Inc. (CCHI) to NextCape LLC (NextCape). The Applicants filed supplements on September 19, 2023 and December 22, 2023.

CCCC is a direct wholly owned subsidiary of Consolidated Communications, Inc., an Illinois corporation, which, in turn, is a direct wholly owned subsidiary of CCHI, a Delaware corporation. CCCC provides international service under the authority for global facilities-based and resale service held by CCHI (ITC-214-20030808-00393) pursuant to section 63.21(h) of the Commission's rules. 47 CFR § 63.21(h).

Pursuant to a July 10, 2023 Purchase and Sale Agreement, NextCape will acquire all of the issued and outstanding interests in CCCC. As a result, CCCC will become a direct wholly owned subsidiary of NextCape. Prior to consummation, CCHI will partially assign its international section 214 authority to CCCC. CCHI will retain its international section 214 authority (ITC-214-20030808-00393). In addition, Consolidated Communications Enterprise Services, Inc, a Delaware corporation and wholly owned subsidiary of CCI and CCHI, will assign customers to CCCC. CCCC will provide international service to its customers pursuant to its international section 214 authority for global facilities-based and resale service (ITC-214-20230808-00158).

Upon consummation, NextCape will be wholly owned by Alphaboost Holdings, LLC, which, in turn, is wholly owned by Alphaboost Parent, LLC (Alphaboost Parent), all Delaware entities. Alphaboost Parent is wholly owned by Palisade Americas Investment, LLC, a Delaware entity, which, in turn, is wholly owned by Palisade Diversified Infrastructure Fund No. 3 (PDIF3), an Australian entity.

Pinnacle RE Services Limited (Pinnacle RE), an Australian entity, is the trustee of PDIF3. Pinnacle RE is wholly owned by Pinnacle Investment Management Limited (PIML), which, in turn, is wholly owned by Pinnacle Investment Management Group Limited (PIMGL), both Australian entities. PIMGL is a public traded company in which two Australian entities and one citizen of Australia hold a 10% or greater interest: HSBC Custody Nominees (Australia) Limited (20.76%); JP Morgan Nominees Australia Pty Limited (10.72%); and Steven Wilson (11.28%).

Palisade Investment Partners Limited (PIPL) is the manager of PDIF3. The direct owners of PIPL are: PIML (35.9%), Palisade Officers Shareholding Trust (POST) (21.8%), House of Lloyds Trust (18.47%), Riggs Family Trust (13.83%), and Superannuation Fund (5%), all Australian entities, and Ian Macoun (5%), an Australian citizen. POSH Nominees Pty Ltd, an Australian entity, is the trustee for POST. Angela Mary Lloyd, an Australian citizen, is the trustee for the House of Lloyds Trust and a co-trustee of the Superannuation Fund. Roger Lloyd, an Australian citizen, is the other co-trustee of the Superannuation Fund. Vicki Rigg, an Australian citizen, is the trustee for the Riggs Family Trust.

Three Australian entities will hold a 10% or greater equity interests in PDIF3: Palisade Unlisted Infrastructure Trust (PUIT) (up to 19.62%), UniSuper (up to 15.18%), and ANZ Australia Staff Super Scheme (ANZ Australia) (up to 13.94%). Pinnacle Fund Services Limited, an Australian entity, which is wholly owned by PIML, is the trustee for PUIT. UniSuper Limited, an Australian entity, is the trustee for UniSuper. ANZ Staff Super Scheme (Australia) Pty Limited, an Australian entity, is the trustee for ANZ Australia.

It is expected that Palisade Americas Management, LLC (PAM) will enter a management agreement with one or more of the Alphaboost entities. PAM is expected to be owned by Palisade Investment Management Americas, LLC (70-100%), both Delaware entities, and a yet to be formed entity which is expected to be organized in Delaware and may be owned by two Australian citizens, that will have up to 30% interest in PAM.

According to the Applicants, no other individual or entity will hold a 10% or greater direct equity or voting interest in NextCape or CCCC.

The Commission determined in the Executive Branch Review Process Order that it would generally exclude from referral to the Executive Branch applications where the Applicants have "an existing mitigation agreement, there are no new reportable foreign owners of the applicant since the effective date of the mitigation agreement, and the applicant agrees to continue to comply with the terms of that mitigation agreement." Process Reform for Executive Branch Review of Certain FCC Applications and Petitions Involving Foreign Ownership, IB Docket 16-155, Report and Order, 35 FCC Rcd 10927, 10939, para. 30 (2020) (Executive Branch Review Process Order); see also 47 CFR § 1.40001(a)(2)(iii). The Applicants argue that the Application qualifies for an exclusion from referral to the Executive Branch since it meets those criteria. The Applicants state that Alphaboost Holdings, the parent of NextCape, is party to a December 14, 2023 Letter of Agreement from Michael Reynolds, Pak Ka Kelvin Wong, and Anand Vadapalli, Alphaboost Holdings, LLC, to the Chief, Foreign Investment Review Section, and Deputy Chief, Compliance and Enforcement, Foreign Investment Review Section, on behalf of the Assistant Attorney General for National Security, United States Department of Justice, National Security Division (Dec. 14, 2023) (2023 LOA). See ITC-T/C-20230120-00004, International Authorizations Granted, Report No. TEL-02326, Public Notice, DA 23-1212 (OIA rel. Dec. 29, 2023). The Applicants further state that the 2023 LOA remains in place, that there are no new reportable foreign owners of Alphaboost Holdings since the effective date of the 2023 LOA, and that NextCape agrees to comply with the terms of the 2023 LOA. We find that the Applicants have made a showing that this Application comes within an exclusion from referral to the Executive Branch for national security, law enforcement, foreign policy, and trade policy review. Although we did not formally refer the Application, we provided a courtesy copy of the accepted for filing public notice to the Executive Branch agencies. See Executive Branch Review Process Order at 10939, para 30, n.81.

We condition our grant of the Application on Alphaboost Holding and NextCape's compliance with the commitments and undertakings set forth in the 2023 LOA. The 2023 LOA may be viewed on the FCC's website through the International Bureau Filing System by searching for ITC-T/C-20230801-00096 and accessing the "Other Filings related to this application" from the Document Viewing Area.

A failure to comply and/or remain in compliance with a condition of this authorization shall constitute grounds for declaring the grant of the Application and the underlying authorizations and licenses terminated without further action on the part of the Commission. Failure to meet a condition of this ruling may also result in monetary sanctions or other enforcement action by the Commission.

This authorization is without prejudice to the Commission's action in any other related pending proceedings.

SURRENDER

ITC-214-19961114-00573 TRANS-GLOBAL SERVICES INC

TRANS-GLOBAL SERVICES INC notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20050930-00384 Mobile ESPN, LLC

Mobile ESPN, LLC notified the Commission of the surrender of its international section 214 authorization.

CONDITIONS APPLICABLE TO INTERNATIONAL SECTION 214 AUTHORIZATIONS

(1) These authorizations are subject to the Exclusion List for International Section 214 Authorizations, which identifies restrictions on providing service to particular countries or using particular facilities. The most recent Exclusion List is at the end of this Public Notice. The list applies to all U.S. international carriers, including those that have previously received global or limited global section 214 authority, whether by Public Notice or specific written order. Carriers are advised that the attached Exclusion List is subject to amendment at any time pursuant to the procedures set forth in Streamlining the International Section 214 Authorization Process and Tariff Requirements, IB Docket No. 95-118, 11 FCC Rcd 12884 (1996), para. 18. A copy of the current Exclusion List is maintained in the FCC Reference Information Center and is available at https://www.fcc.gov/exclusion-list-international-section-214-authorizations. It is also attached to each Public Notice that grants international Section 214 authority.

(2) The export of telecommunications services and related payments to countries that are subject to economic sanctions may be restricted. For information concerning current restrictions, call the Office of Foreign Assets Control, U.S. Department of the Treasury, (202) 622-2520.

(3) Carriers shall comply with the requirements of Section 63.11 of the Commission's rules, which requires notification by, and in certain circumstances prior notification by, U.S. carriers acquiring an affiliation with foreign carriers. A carrier that acquires an affiliation with a foreign carrier will be subject to possible reclassification as a dominant carrier on an affiliated route pursuant to the provisions of section 63.10 of the rules.

(4) A carrier may provide switched services over its authorized resold private lines in the circumstances specified in section 63.23(d) of the rules, 47 CFR § 63.23(d).

(5) Carriers shall comply with the "No Special Concessions" rule, section 63.14, 47 CFR § 63.14.

(6) Carriers regulated as dominant for the provision of a particular communications service on a particular route for any reason other than a foreign carrier affiliation under section 63.10 of the rules shall file tariffs pursuant to Section 203 of the Communications Act, as amended, 47 U.S.C. § 203, and Part 61 of the Commission's Rules, 47 CFR Part 61. Carriers shall not otherwise file tariffs except as permitted by section 61.19 of the rules, 47 C.F.R. § 61.19. Except as specified in section 20.15 with respect to commercial mobile radio service providers, carriers regulated as non-dominant, as defined in section 61.3, and providing detariffed international services pursuant to section 61.19, must comply with all applicable public disclosure and maintenance of information requirements in sections 42.10 and 42.11.

(7) International facilities-based service providers must file and maintain a list of U.S.-international routes on which they have direct termination arrangements with a foreign carrier. 47 CFR § 63.22(h). A new international facilities-based service provider or one without existing direct termination arrangements must file its list within thirty (30) days of entering into a direct termination arrangement(s) with a foreign carrier(s). Thereafter, international facilities-based service providers must update their lists within thirty (30) days after adding a termination arrangement for a new foreign destination or discontinuing an arrangement with a previously listed destination. See Process For The Filing Of Routes On Which International Service Providers Have Direct Termination Arrangements With A Foreign Carrier, ITC-MSC-20181015-00182, Public Notice, 33 FCC Rcd 10008 (IB 2018).

(8) Any U.S. Carrier that owned or leased bare capacity on a submarine cable between the United States and any foreign point must file a Circuit Capacity Report to provide information about the submarine cable capacity it holds. 47 CFR § 43.82(a)(2). See https://www.fcc.gov/circuit-capacity-data-us-international-submarine-cables.

(9) Carriers should consult section 63.19 of the rules when contemplating a discontinuance, reduction or impairment of service.

(10) If any carrier is reselling service obtained pursuant to a contract with another carrier, the services obtained by contract shall be made generally available by the underlying carrier to similarly situated customers at the same terms, conditions and rates. 47 U.S.C. § 203.

(11) To the extent the applicant is, or is affiliated with, an incumbent independent local exchange carrier, as those terms are defined in section 64.1902 of the rules, it shall provide the authorized services in compliance with the requirements of section 64.1903.

(12) Except as otherwise ordered by the Commission, a carrier authorized here to provide facilities-based service that (i) is classified as dominant under section 63.10 of the rules for the provision of such service on a particular route and (ii) is

affiliated with a carrier that collects settlement payments for terminating U.S. international switched traffic at the foreign end of that route may not provide facilities-based switched service on that route unless the current rates the affiliate charges U.S. international carriers to terminate traffic are at or below the Commission's relevant benchmark adopted in International Settlement Rates, IB Docket No. 96-261, Report and Order, 12 FCC Rcd 19806 (1997). See also Report and Order on Reconsideration and Order Lifting Stay in IB Docket No. 96-261, FCC 99-124 (rel. June 11, 1999). For the purposes of this rule, "affiliated" and "foreign carrier" are defined in section 63.09.

(13) Carriers shall comply with the Communications Assistance for Law Enforcement Act (CALEA), see 47 CFR §§ 1.20000 et seq.

(14) Every carrier must designate an agent for service in the District of Columbia. see 47 U.S.C. § 413, 47 CFR §§ 1.47(h), 64.1195.

(15) Each carrier shall notify the Commission of any change in its contact information. Such notification shall be filed in the file number(s) for the international section 214 authorization(s) through the International Communications Filing System (ICFS).

Exclusion List for International Section 214 Authorizations

The following is a list of countries and facilities not covered by grant of global section 214 authority under section 63.18(e)(1) of the Commission's Rules, 47 CFR § 63.18(e)(1). Carriers desiring to serve countries or use facilities listed as excluded hereon shall file a separate section 214 application pursuant to section 63.18(e)(3) of the Commission's Rules. See 47 CFR § 63.22(c).

Countries:

None.

Facilities:

Any non-U.S.-licensed space station that has not received Commission approval to operate in the U.S. market pursuant to the procedures adopted in the Commission's DISCO II Order, IB Docket No. 96-111, Report and Order, FCC 97-399, 12 FCC Rcd 24094, 24107-72 paragraphs 30-182 (1997) (DISCO II Order). Information regarding non-U.S.-licensed space stations approved to operate in the U.S. market pursuant to the Commission's DISCO II procedures is maintained at https://www.fcc.gov/approved-space-station-list.

This list is subject to change by the Commission when the public interest requires. The most current version of the list is maintained at https://www.fcc.gov/exclusion-list-international-section-214-authorizations.

For additional information, contact the Office of International Affairs, Telecommunications and Analysis Division at (202) 418-1480.

PUBLIC NOTICE

Federal Communications Commission
45 L St., N.E.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov

DA 24-94
Released: February 1, 2024

APPLICATION GRANTED FOR THE ACQUISITION OF CERTAIN ASSETS OF UNITED TELEPHONE ASSOCIATION, INC. TO PANHANDLE TELEPHONE COOPERATIVE, INC.

JOINT PETITION GRANTED FOR WAIVER OF THE DEFINITION OF "STUDY AREA" CONTAINED IN PART 36 OF THE COMMISSION'S RULES

WC Docket Nos. 23-255 and 10-90

CC Docket No. 96-45

By this Public Notice, the Wireline Competition Bureau (Bureau) grants an application filed by United Telephone Association, Inc. (United) and Panhandle Telephone Cooperative, Inc. (PTCI) (collectively, Applicants), pursuant to section 214 of the Communications Act of 1934, as amended, and sections 63.03-04 of the Commission's rules,[1] requesting authority to assign substantially all of the assets held by United in the South Englewood telephone exchange (Exchange) from United to PTCI.[2] No party filed comments or objections related to the proposed transaction, and the Bureau has determined that grant of this Application serves the public interest.[3] Accordingly, we grant the Application.

The Bureau also grants, in part, the Applicants' joint petition for waiver.[4] Specifically, the Bureau grants Applicants' request for waiver of the definition of "study area" codified in the Appendix-Glossary of Part 36 of the Commission's rules, subject to PTCI's commitment not to seek Safety Valve

[1] *See* 47 U.S.C. § 214; 47 CFR §§ 63.03-04.

[2] *See* Application for the Assignment of Assets of United Telephone Association, Inc. to Panhandle Telephone Cooperative, Inc., Pursuant to Section 214 of the Communications Act of 1934, as Amended, WC Docket No. 23-255 (filed July 25, 2023) (Application). On September 28, 2023, Applicants filed a supplement to their Application. Letter from Michael R. Bennet, Counsel for PTCI, and Tony S. Lee, Counsel for United, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-255 (filed Sept. 28, 2023) (214 Application Supplement).

[3] On October 3, 2023, the Bureau accepted the Application for filing. *Domestic Section 214 Application filed for Acquisition of Certain Assets of United Telephone Association, Inc. to Panhandle Telephone Cooperative, Inc., Pursuant to Section 214 of the Communications Act of 1934, as Amended*, WC Docket No. 23-255, Public Notice, DA 23-929 (WCB 2023).

[4] *See* Application at 7; Joint Petition of United and Panhandle for Waiver of the Definition of "Study Area" and Waiver of Sections 51.909 and 51.917 with Respect to the Transfer of the South Englewood, Oklahoma Exchange, CC Docket No. 96-45 and WC Docket No. 10-90 (filed July 25, 2023) (Petition); Supplement to Joint Petition for Waiver, CC Docket No. 96-45 and WC Docket No. 10-90 (filed Dec. 1, 2023) (Petition Supplement). While the Petition also sought a waiver of sections 51.909(a), 51.917(b)(1), and 51.917(b)(7) (collectively, Part 51) to allow the Applicants to adjust their Access Recovery Charges, Connect America Fund Intercarrier Compensation support, and reciprocal compensation and switched access rate caps, this Public Notice only addresses the study area waiver portion of the Petition. The Bureau will address the Part 51 portion of the waiver request in a subsequent order.

Support (SVS) following the consummation of this transaction.[5] We find that granting the Petition, as conditioned, would serve the public interest and is consistent with the efficient use of the Universal Service Fund (USF).[6]

Applicants and Description of the Transaction

United, a member-owned Kansas corporation, is a rate-of-return regulated incumbent local exchange carrier (LEC) providing "the latest technologies and services to our customers, from residential landline, wireless phone and Internet, to Streaming TV and Enterprise Business Solutions."[7] United, a designated Eligible Telecommunications Carrier (ETC), receives high-cost universal service support through the Connect America Fund Broadband Loop Support (CAF BLS), High-Cost Loop Support (HCLS), Connect America Fund Intercarrier Compensation (CAF ICC), and Mobility Fund support mechanisms.[8] Aside from serving seven counties in western Kansas,[9] United serves the South Englewood Exchange in Oklahoma, with approximately 31 lines in what had formerly been known as the Ditch Valley Exchange.[10] As a cooperative corporation, United is owned by its member subscribers, and no individual or entity directly or indirectly owns at least ten percent of the equity of United.[11] United has the following board members, all of whom are U.S. citizens, and none of whom owns more than 10% stock in any telecommunications company: Darren Batman; Harry Walker; Kim Unruh; Larry Ackerman; Lee Ann Seiler; Richard Fleming; Sandra Coast; Todd Houseman; and William Neier.[12]

[5] *See* 47 CFR pt. 36 Appx. Effective November 15, 1984, the Commission froze all study area boundaries to prevent incumbent local exchange carriers from establishing separate study areas made up only of high-cost exchanges in order to maximize their receipt of high-cost universal service support. *See MTS and WATS Market Structure*; *Amendment of Part 67 of the Commission's Rules and Establishment of a Joint Board*, CC Docket Nos. 78-72, 80-286, Decision and Order, FCC 84-637, 50 Fed. Reg. 939 (1985). A carrier must therefore apply to the Commission for a waiver of the study area boundary freeze if it wishes to transfer or acquire additional exchanges.

[6] Grant of the domestic section 214 application and a portion of the joint petition for waiver is without prejudice to other related pending Commission items or proceedings.

[7] Application at 2, 5-6.

[8] *Id*. at 4. United also participates in the Lifeline program and the Affordable Connectivity Program, and the programs will continue to be available post consummation of the transaction. *Id*. United's study area code (SAC) is 411841. *Id*.

[9] *Id*. at 1-2, 6. United and its wireline affiliate, United Communications Association, Inc. (UCA), serve the following exchanges in Kansas: Ashland, Cimarron, Copeland, Englewood, Ensign, Ford-Kingsdown, Hanston, Ingalls, Montezuma, Spearville, and Garden City, Sublette, Liberal, Fowler, Minneola, Bucklin, Coldwater, Dodge City, Meade, Protection, Kinsley, Plains, Jetmore, and Scott City. *Id*. at 7. UCA provides Voice over Internet Protocol, interexchange, video, and data services. *Id*. at 9; 214 Application Supplement at 1 (clarifying that UCA is not part of the transaction with PTCI). United's wholly owned subsidiary, United Wireless Communications, Inc. (UWC), provides wireless telecommunications services. *Id*.; 214 Application Supplement at 1 (clarifying that UWC is not part of the transaction with PTCI).

[10] Application at 1-2.

[11] *Id*. at 2.

[12] *Id*. at 8.

PTCI, a member-owned Oklahoma corporation, is a rate-of-return regulated incumbent LEC offering broadband, voice, and mobile wireless services in the Oklahoma Panhandle.[13] PTCI provides local exchange, interexchange, and broadband services in each of its Oklahoma exchanges.[14] PTCI, a designated ETC, receives high-cost universal service support through the CAF BLS, HCLS, and CAF ICC support mechanisms.[15] As a cooperative corporation, PTCI is owned by its member subscribers, and no single member-subscriber owns or controls more than 10 percent of PTCI.[16] PTCI has the following board members, all of whom are U.S. citizens, and none of whom owns more than 10% stock in any telecommunications company: Charles Russell; Dennis Zimmerman; Earl Wells; Jana Wallace; Larry January; Lonnie Bailey; Milton Headrick; Robert Thrash; Roger Edenborough; Rowdy McBee; and Scott Martin.[17] Applicants state that "neither PTCI nor any of its affiliates, hold a 10% or greater interest in any other provider of domestic telecommunications services."[18]

Pursuant to the terms of the proposed transaction, PTCI will acquire substantially all of the assets held by United in the Exchange, including, but not limited to, its telecommunications facilities, customer databases, and associated contracts.[19] The sale of assets will be transparent to the customers of United and PTCI.[20] Applicants assert the transaction is in the public interest as customers will receive superior service; the transaction will not harm competition or the Universal Service Fund; and PTCI has a proven record of investing in rural networks and communities and of providing high quality telecommunications services to rural areas in Oklahoma.[21] Additionally, there is no overlap of exchanges or service areas between PTCI and United and their affiliates.[22]

Grant of the Section 214 Application

We find, upon consideration of the record, that a grant of the Application will serve the public interest, convenience, and necessity. To make this determination under Commission precedent, we consider whether the proposed transaction complies with the Act, related statutes, and the Commission's rules and, if so, whether it could result in public interest harms by substantially frustrating or impairing the objectives or implementation of the Act or related statutes.[23] We then

[13] *Id*. at 2, 5-6. PTCI serves the following exchanges in Oklahoma: Adams, Balko, Beaver, Boise City, Bryans Corner, Eva, Felt-Wheeless, Floris, Forgan, Gate, Goodwell, Griggs, Guymon, Hardesty, Hooker, Kenton, Keyes, Laverne, Logan, Texhoma, Turpin, and Tyrone. *Id*. at 9.

[14] *Id*. at 2.

[15] *Id*. at 4. PTCI also participates in the Lifeline program and the Affordable Connectivity Program, and the programs will continue to be available post consummation of the transaction. *Id*. PTCI's SAC is 432016. *Id*.

[16] *Id*. at 6. PTCI has one wholly-owned affiliate, Panhandle Telecommunications Systems, Inc. (PTSI), a wireless telecommunications service provider. *Id.* at 7; 214 Application Supplement at 1. PTSI holds a 38 percent ownership interest in Texas RSA No. 2 Limited Partnership, also a wireless telecommunications service provider. 214 Application Supplement at 1.

[17] Application at 7-8.

[18] 214 Application Supplement at 1.

[19] Application at 2.

[20] *Id*.

[21] *Id*. at 3, 7.

[22] *Id.* at 9.

[23] *See, e.g.*, *Application of Verizon Communications Inc. and América Móvil S.A.B. de C.V for Consent to Transfer Control of International Section 214 Authorization*, GN Docket No. 21-112, IBFS File No. ITC-T/C-20200930-00173, Memorandum Opinion and Order, 36 FCC Rcd 16994, 16996, para. 21 (2021) (*Verizon-*

employ a balancing test that weighs any potential public interest harms of the proposed transaction against any potential public interest benefits.[24] The Applicants bear the burden of proving, by a preponderance of the evidence, that the proposed transaction, on balance, serves the public interest.[25] We next consider whether the proposed transaction is likely to generate verifiable, transaction-specific public interest benefits.[26] Applicants must provide evidence of a claimed benefit to allow the Commission to verify its likelihood and magnitude.[27] Where potential harms appear unlikely, as is the case with the Application before us here, the Commission accepts a lesser degree of magnitude and likelihood than when harms are present.[28]

We recognize the potential public benefit and efficiencies that may result from the addition of PTCI's resources and proximity to the Exchange and are persuaded that PTCI seeks to maximize the availability and benefits of its services to these customers.[29] At the same time, we must also guard against the potential for public harm that may arise when providers are receiving more universal service support than necessary, which, as the Commission has found, is "especially important in the context of limited high-cost support, because overpayment to some carriers reduces the funding available to other providers."[30] Such an overpayment in USF support resulting from the proposed transaction would put pressure on the limited resources of the high-cost fund. As the Commission has found, a transaction that could result in an increased burden on the USF solely as a result of the transaction contrasts with

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TracFone Order) (citing *China Mobile International (USA) Inc., Application for Global Facilities-Based and Global Resale International Telecommunications Authority Pursuant to Section 214 of the Communications Act of 1934, as Amended*, ITC-214-20110901-00289, Memorandum Opinion and Order, 34 FCC Rcd 3361, 3366, para. 9 (2019); *Applications for Consent to the Assignment and/or Transfer of Control of Licenses, Adelphia Communications Corporation (and Subsidiaries, Debtors-in-Possession), Assignors, to Time Warner Cable Inc. (Subsidiaries), Assignees; Adelphia Communications Corporation, (and Subsidiaries, Debtors-in-Possession), Assignors and Transferors et al*., MB Docket No. 05-192, Memorandum Opinion and Order, 21 FCC Rcd 8203, 8219-21, paras. 27-28 (2006) (*Adelphia-TWC Order*)).

[24] *See Verizon-TracFone Order*, 36 FCC Rcd at 16996, para. 21 (citing *Applications of AT&T Inc. and DIRECTV for Consent to Assign or Transfer Control of Licenses and Authorizations*, MB Docket No. 14-90, Memorandum Opinion and Order, 30 FCC Rcd 9131, 9140, para. 18 (2015) (*AT&T-DIRECTV Order*)) (further citations omitted).

[25] *See Verizon-TracFone Order*, 36 FCC Rcd at 16996, para. 21 (citing *AT&T-DIRECTV Order*, 30 FCC Rcd at 9140, para. 18; *Adelphia-TWC Order*, 21 FCC Rcd at 8217, para. 23; *Application of EchoStar Communications Corp., General Motors Corp., and Hughes Electronics Corp., Transferors, and EchoStar Communications Corp., Transferee*, CS Docket No. 01-348, Hearing Designation Order, 17 FCC Rcd 20559, 20574, para. 25 (2002)) (further citations omitted).

[26] *See AT&T/DIRECTV Order*, 30 FCC Rcd at 9237, paras. 273-74.

[27] *See id*. at 9237-38, paras. 275-76.

[28] *See id*.

[29] Applicants state that "PTCI plans to deploy fiber facilities to the area, allowing customers to receive higher broadband speeds and more advanced services. They will also benefit from being served out of Oklahoma rather than Kansas. Because PTCI already operates in Oklahoma, it and its customers will benefit from the corresponding efficiencies in connection with its provision of service in the Exchange. E911 service may function better as well because 911 callers will be routed to a PSAP in the state of Oklahoma, the state where the call is most likely made from." Application at 3.

[30] *Joint Application of W. Mansfield Jennings Limited Partnership and Hargray Communications Group, Inc. for Consent to the Transfer of Control of ComSouth Corporation Pursuant to Section 214 of the Communications Act of 1934*, WC Docket 18-52, Memorandum Opinion and Order, 33 FCC Rcd 4780, 4786, para. 21 (2018) (*Hargray/ComSouth Order*) (citing *Connect America Fund et al.*, Report and Order et al., 33 FCC Rcd 2990, 2995, para. 13 (2018) (*CAF 2018 Order*)).

our general expectation that transactions generate efficiencies that reduce costs.[31]

In addressing the broader impact of the proposed transaction on the USF, Applicants assert that the transaction "actually would result in less demand" on the USF, "with increased funding for PTCI (to cover the [] Exchange) more than offset by decreased funding for United."[32] We also note that this transaction "will not reduce competition in the relevant market as it will only change the identity of the landline carrier in the sparsely-populated exchange."[33] We thus find that Applicants have sufficiently addressed the potential public harm arising from the proposed transaction.[34]

Having addressed, any potential public interest harms of the transaction, we find that the proposed transaction will lead to public interest benefits. Customers in the Exchange "will continue to receive high quality broadband and voice service" [35] from a provider in their own state rather than a different state.[36] And those rural customers will have the opportunity to receive "higher broadband speeds and more advanced services" because PTCI intends to deploy fiber facilities to the area.[37] Additionally, because PTCI already operates in Oklahoma, "it and its customers will benefit from the corresponding efficiencies in connection with its provision of service in the Exchange."[38] Accordingly, we find it likely that the proposed transaction would result in some public interest benefits and, given the lack of potential harms, find on balance, that the proposed transaction serves the public interest.

Study Area Boundary Waiver Request Grant

We next consider Applicants' petition for waiver of the study area boundary freeze. A study area is a geographic segment of an incumbent LEC's telephone operations. Generally, a study area corresponds to an incumbent LEC's entire service territory within a state. The Commission froze all study area boundaries effective November 15, 1984.[39] The Commission took this action to prevent incumbent LECs from establishing separate study areas made up only of high-cost exchanges to maximize their receipt of high-cost universal service support.[40] A carrier must therefore apply to the

[31] *Hargray/ComSouth Order*, 33 FCC Rcd at 4784, para. 19.

[32] Application at 3; *see also infra* Study Area Boundary Waiver Request Grant.

[33] *Id*.

[34] When determining whether a proposed transfer of control is consistent with the public interest, convenience, and necessity, we must first assess whether the proposed transaction complies with the specific provisions of the Act, other applicable statutes, and the Commission's rules and then, second, consider whether a proposed transaction "could result in public interest harms by substantially frustrating or impairing the objectives or implementation of the [Communications] Act or related statutes." *See, e.g.*, *Applications of Level 3 Communications, Inc. and CenturyLink, Inc. for Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order*, 32 FCC Rcd at 9585, para. 9 (2017) (*Level 3-CenturyLink Order*).

[35] Application at 2-3.

[36] *Id*. at 3.

[37] *Id.* at 3, 7.

[38] *Id.* at 3.

[39] *See MTS and WATS Market Structure, Amendment of Part 67 of the Commission's Rules and Establishment of a* Joint *Board*, CC Docket Nos. 78-72, 80-286, Decision and Order, 50 Fed. Reg. 939 (1985) (*Part 67 Order*) (adopting Recommended Decision and Order, 49 Fed. Reg. 48325 (1984)); *see also* 47 CFR pt. 36 Appx.

[40] *Connect America Fund, et al.*, WC Docket No. 10-90, CC Docket No. 96-45, Order, 31 FCC Rcd 10683, para. 2 (WCB 2016).

Commission for a waiver of the study area boundary freeze in order to sell or purchase additional exchanges.[41]

Generally, the Commission's rules may be waived for good cause shown.[42] The Commission may exercise its discretion to waive a rule where the particular facts make strict compliance inconsistent with the public interest.[43] In addition, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.[44] Waiver of the Commission's rules is therefore appropriate only if special circumstances warrant a deviation from the general rule and such deviation will serve the public interest.[45]

In the *USF/ICC Transformation Order*, the Commission revised its approach for evaluating petitions for study area waivers, concluding that it would apply two criteria–first, that the state commission having regulatory authority over the transferred exchanges does not object to the transfer and, second, that the transfer is in the public interest.[46] The Commission stated that its evaluation of the public interest benefits of a proposed study area waiver will include: (1) the number of lines at issue; (2) the projected universal service fund cost per line; and (3) whether such a grant would result in a consolidation of study areas that facilitates reductions in cost by taking advantage of the economies of scale, i.e., reduction in cost per line due to the increased number of lines.[47]

We find that the Applicants have demonstrated good cause to waive the study area boundary freeze to permit United to alter the boundaries of its existing Study Area No. 411841 by removing the Exchange that it will transfer to PTCI, subject to the agreed-upon commitment described below, to expand PTCI's study area by incorporating the Exchange as a new exchange in PTCI's existing Study Area No. 432016.

First, the Applicants have demonstrated that the state commission with regulatory authority over the transferred exchange does not object to the requested study area waiver. The Applicants explain that, on July 28, 2022, the Kansas Corporation Commission concluded that it did not object to the study area boundary change associated with the transfer of the Exchange from United to PTCI.[48]

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[41] *Part 67 Order*, 50 Fed. Reg. at 939, para. 1. In 2011, the Commission adopted a streamlined process for study area waiver petitions under which the waiver is deemed granted on the 60th day after the reply comment due date unless the Bureau provides notice that the petition requires further analysis and review. *Connect America Fund, et al.*, WC Docket No. 10-90 et al. , Report and Order and Further Notice of Proposed Rulemaking, 26 FCC Rcd 17663, 17763, para. 267 (2011) (*USF/ICC Transformation Order*). Because of the complex issues presented in the Study Area Waiver Petition, it was not eligible for streamlined processing.

[42] 47 CFR § 1.3.

[43] *Northeast Cellular Telephone Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) (*Northeast Cellular*).

[44] *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.

[45] *Northeast Cellular*, 897 F.2d at 1166.

[46] *USF/ICC Transformation Order*, 26 FCC Rcd at 17762, para. 265.

[47] *Id*.

[48] Petition at 3 (citing *In the Matter of the Application of United Telephone Association, Inc. to Relinquish its Certificate of Convenience and its Designation as an Eligible Telecommunications Carrier and Certificate of Convenience in the South Englewood, Oklahoma Exchange; Application for Allocation of KUSF Support; and Application for Tariff Revision,* Order Granting COC and ETC Relinquishment; Approving Tariff Revision and Reduction in KUSF Support, Docket No. 22-UTAT-519-CCS, rel. July 28, 2022; *Application of Panhandle Telephone Cooperative, Inc. for Designation as an Eligible Telecommunications Carrier Pursuant to the Telecommunications Act of 1996*, Final Order, Case No. PUD2022-000039, Order No. 729583 (Nov. 3, 2022)).

The Oklahoma Corporation Commission also determined on April 27, 2023 that it does not object to the transfer or to the change in the study area boundaries.[49]

Second, we conclude that, on balance, the requested study area boundary freeze waiver, subject to PTCI's commitment not to seek SVS, would serve the public interest. Applicants state that there are 31 customer lines in the Exchange.[50] The proposed transfer will serve these customers well as "PTCI plans to invest in the Exchange, including the deployment of fiber-to-the-home facilities that will bring reliable voice and high-speed broadband services to residents and businesses in the Exchange."[51] Transferring the Exchange in rural Oklahoma from a Kansas study area with PTCI's existing operations in Oklahoma "will [also] better align the service areas with state boundaries, which is likely to reduce potential confusion for customers and facilitate more efficient state administration of broadband grant programs."[52] In addition, the transaction will not have an adverse impact on the federal USF. Applicants provided a comparative analysis which calculates that over the next nine years, there will be a net reduction in the amount drawn down from the USF in connection with the Exchange, and therefore a positive impact on, the USF by more than $50,000.[53]

We were concerned, however, about the potential increases in USF high-cost support if PTCI were to receive SVS, additional support available above the high-cost loop cap that is available to carriers that acquire high-cost exchanges and make substantial post-transaction investment to enhance network infrastructure.[54] Applicants have, however, supplemented the Petition record and informed the Commission that PTCI "will forgo safety valve support."[55] Subject to this agreed-upon commitment, we find the proposed transaction would result in significant benefits for the customers in the Exchange.

Finally, although the requested study area boundary waiver will not result in a consolidation of study areas that facilitate reductions in cost, it will transfer United's South Englewood telephone exchange into PTCI's existing study area, which abuts this exchange in the Oklahoma Panhandle. As discussed above, the transaction is expected to result in an overall decrease in USF high-cost support.

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[49] Petition at 3 (citing *Joint Application &Notification of Transaction Resulting in a Transfer of Customers From United Telephone Association, Inc. to Panhandle Telephone Cooperative, Inc.,* Final Order Approving Joint Application and Notification of Transaction, Case No. PUD 2023-000020, Order No. 733926 (rel. April 27, 2023)).

[50] Petition Supplement at 2.

[51] Petition at 3.

[52] *Id*.

[53] Petition at 4-5 (stating the "analysis calculates the amount of [support] that each party estimates it will receive as a result of its long-term capital and operating expense forecasts, which have been prepared to both include and exclude the Exchange").

[54] *See* 47 CFR § 54.305; *Multi-Association Group (MAG) Plan for Regulation of Interstate Services of Non-Price Cap Incumbent Local Exchange Carriers and Interexchange Carriers*, CC Docket No. 96-45 et al., Fourteenth Report and Order, Twenty Second Order on Reconsideration, and Further Notice of Proposed Rulemaking, 16 FCC Rcd 11244, 11285-86, para. 99 (2001); USAC, https://www.usac.org/high-cost/funds/legacy-fuNCCnds/safety-valve-support/.

[55] Petition Supplement at 2. We make no determinations on whether PTCI would qualify for SVS post-transaction, we deem this issue moot based on the fact that PTCI will not seek SVS support following the consummation of this transaction. Additionally, the agreed-upon commitment would not supersede any contradictory result required by Commission action in pending proceedings. We direct United to work with the National Exchange Carrier Association (NECA) and the Bureau, and provide any information necessary, to remove costs associated with the Exchange from United's costs.

In addition, the voluntary commitment by PTCI to not seek safety valve support ensures the overall amount of support would remain stable.

Conclusion

Accordingly, pursuant to section 214 of the Act, 47 U.S.C. § 214, and sections 0.91, 0.291, 63.03, and 63.04 of the Commission's rules, 47 CFR §§ 0.91, 0.291, 63.03, and 63.04, the Bureau hereby grants the Application discussed in this Public Notice .[56]

Further, pursuant to sections 1, 4(i), 5(c), 201, 202, and 254 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 154(i), 155(c), 201, 202, and 254, and to the authority delegated in sections 0.91, 0.291, and 1.3 of the Commission's rules, 47 CFR §§ 0.91, 0.291, and 1.3, the Bureau hereby grants the joint petition for waiver of the study area boundary freeze as codified in Part 36, Appendix Glossary, of the Commission's rules, 47 CFR pt. 36 Appx., filed by the Applicants as discussed herein, subject to compliance with the condition described above.

Pursuant to section 1.103 of the Commission's rules, 47 CFR § 1.103, the consents granted herein are effective upon release of this Public Notice. Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules, 47 CFR §§ 1.106, 1.115, may be filed within 30 days of the date of this Public Notice.

For further information, please contact Megan Danner, Competition Policy Division, Wireline Competition Bureau at megan.danner@fcc.gov or William Layton, Telecommunications Access Policy Division, Wireline Competition Bureau at william.layton@fcc.gov.

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[56] Within 30 days of closing the proposed transaction, Applicants must notify USAC so that it can make any appropriate changes to the High Cost Universal Broadband (HUBB) online location reporting portal for universal service recipients.

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

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DA 24-95
Released: February 01, 2024

WIRELESS TELECOMMUNICATIONS BUREAU GRANTS 900 MHZ BROADBAND SEGMENT APPLICATIONS

WT Docket No. 17-200

By this Public Notice, the Wireless Telecommunications Bureau (Bureau) announces the grant of three 900 MHz broadband segment license applications (see Appendix). On May 13, 2020, the Commission realigned the 900 MHz band to make available six megahertz of low-band spectrum for the development of critical wireless broadband technologies and services, while reserving the remaining four megahertz of spectrum for continued narrowband operations.[1] In accordance with the *900 MHz Report and Order*,[2] the Bureau announced that the opening date for acceptance of 900 MHz broadband segment applications began on May 27, 2021.[3]

The Bureau finds the 900 MHz broadband segment applications listed in the Appendix to be complete and in conformance with the Commission's rules. No petitions to deny these applications were filed, and the applications sufficiently demonstrates conformance with the eligibility conditions (Eligibility Certification) and requirements for transitioning the 900 MHz band in the particular county requested (Transition Plan).[4] Furthermore, the Commission has received full anti-windfall payments for the licenses listed in the Appendix, as required by section 27.1503(c)(2). Therefore, the Bureau finds that granting the applications for the 900 MHz broadband segment licenses listed in the Appendix serves the public interest, convenience, and necessity.

Accordingly, by this Public Notice, we announce the grant of the licenses listed in the Appendix. We grant these licenses pursuant to section 309(a) of the Communications Act, 47 U.S.C. § 309(a), and sections 0.131 and 0.331 of the Commission's rules, 47 CFR §§ 0.131, 0.331. These new 900 MHz broadband licensees may begin operation in the applicable counties, subject to protection of covered incumbents.[5]

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[1] *Review of the Commission's Rules Governing the 896-901/935-940 MHz Band*, WT Docket No. 17-200, Report and Order, Order of Proposed Modification, and Order, 35 FCC Rcd 5183 (2020) (*900 MHz Report and Order*).

[2] *Id.* at para. 113.

[3] *See Wireless Telecommunications Bureau to Accept 900 MHz Broadband Segment Applications Beginning May 27, 2021*, WTB Docket No. 17-200, Public Notice, 36 FCC Rcd 7377 (WTB 2021) (*900 MHZ Broadband Segment Applications Public Notice*).

[4] 47 CFR § 27.1503; *see also 900 MHz Broadband Segment Applications Public Notice, Attachment A*.

[5] A Covered Incumbent is any 900 MHz site-based licensee in the broadband segment that is required under section 90.621(b) to be protected by a broadband licensee with a base station at any location within the county, or any 900 MHz geographic-based SMR licensee in the broadband segment whose license area completely or partially overlaps the county. 47 CFR § 27.1501(g).

We remind licensees that they should review the Commission's part 27 rules and all Commission orders and public notices establishing rules and policies for the 900 MHz band.[6] Each licensee is solely responsible for complying with all FCC rules and regulations associated with these licenses.

This Public Notice includes one appendix, which is included at the end of this document:

Appendix – 900 MHz Broadband Segment Licenses Granted – Sorted by Licensee

Applicants who have questions concerning this Public Notice may contact Morgan Mendenhall of the Wireless Telecommunications Bureau, Mobility Division, (202) 418-0154, morgan.mendenhall@fcc.gov.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at (202) 418-0530 (voice).

[6] *See* 47 CFR pt. 27; *see also 900 MHz Report and Order*, 35 FCC Rcd 5183; *900 MHz Broadband Segment Applications Public Notice*.

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APPENDIX

900 MHZ BROADBAND SEGMENT LICENSES

APPLICATIONS GRANTED

Licensee Name	File Number	FRN	Market/County Number (FIPS)	Market Description	Mandatory Relocation[7]
PDV Spectrum Holding Company, LLC	0010739587	0023948573	D27019	Carver County, MN	N/A
PDV Spectrum Holding Company, LLC	0010739589	0023948573	D27025	Chisago County, MN	N/A
PDV Spectrum Holding Company, LLC	0010739594	0023948573	D55017	Chippewa County, WI	N/A

SORTED BY LICENSEE

[7] Section 27.1504 permits a broadband licensee to relocate mandatorily certain incumbents from the 900 MHz broadband section. Incumbent licensees identified for mandatory relocation by new licensees will appear in this column. When there are no incumbent licensees identified for mandatory relocation, N/A will appear.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
PTI Pacifica, Inc.	)	GN Docket No. 20-104
	)	
Petition for Reconsideration	)	

ORDER ON RECONSIDERATION

Adopted: February 1, 2024 **Released: February 1, 2024**

By the Chief, Office of Economics and Analytics; Chief, Wireline Competition Bureau; and the Chief, Wireless Telecommunications Bureau:

I. INTRODUCTION

1. In this Order, the Office of Economics and Analytics (OEA), the Wireline Competition Bureau, and the Wireless Telecommunications Bureau (the Bureaus), deny a petition for reconsideration filed by PTI Pacifica, Inc. (PTI Pacifica) of the denial in part of its request to waive deadlines for the construction, drive testing, and reporting requirements associated with the receipt of final disbursements of Mobility Fund Phase I (MF-I) support.[1] For the reasons discussed below, we affirm our previous decision to deny waiving the aforementioned deadlines.[2]

II. BACKGROUND

2. In the *USF/ICC Transformation Order*, the Commission comprehensively reformed and modernized the high-cost component of the Universal Service Fund by, among other things, establishing the Mobility Fund, a universal service support mechanism dedicated expressly to mobile services.[3] For MF-I, the Commission designated a fund of up to $300 million in one-time universal service support, to be allocated through a reverse auction (Auction 901), for the deployment of mobile voice and broadband services.[4] Under these rules, winning bidders in Auction 901 committed to extend the availability of mobile voice and broadband services on networks that provide third-generation (3G) or better performance or to accelerate the deployment of fourth-generation (4G) wireless networks in areas that lacked such services.[5] The MF-I rules require winning bidders to provide service to at least 75% of the

[1] PTI Pacifica, Inc. Petition for Reconsideration, GN Docket No. 20-104 (filed May 1, 2023) (Petition). PTI Pacifica requested a waiver with respect to the Rota, Marpi, and Tinian census tracts located in the Commonwealth of the Northern Mariana Islands (CNMI). OEA and the Bureaus' decision addressed PTI Pacifica's request only with respect to the Tinian census tract.

[2] *See PTI Pacifica, Inc. Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline*, GN Docket No. 20-104, Order, DA 23-276 (OEA/WCB/WTB Mar. 31, 2023) (Order); 47 CFR § 1.1106(p)(3).

[3] *Connect America Fund et al.*, WC Docket No. 10-90 et al., Report and Order and Further Notice of Proposed Rulemaking, 26 FCC Rcd 17663, 17773, para. 299 (2011), *aff'd sub nom.*, *In re: FCC 11-161*, 753 F.3d 1015 (10th Cir. 2014) (*USF/ICC Transformation Order*).

[4] *See id.*

[5] *See id.* at 17674–75, para. 28.

designated eligible road miles within the relevant area covered by their winning bids.[6] Winning bidders committing to provide service over a 3G network were required to meet their performance requirements within two years of being authorized to receive support,[7] while winning bidders committing to provide service over a 4G network were required to meet their performance requirements within three years of authorization.[8]

3. PTI Pacifica was the winning bidder for seven census tracts in the Commonwealth of the Northern Mariana Islands (CNMI).[9] On August 16, 2013, the Bureaus authorized PTI Pacifica to receive up to approximately $1.26 million in MF-I support for those areas.[10] The deadline for PTI Pacifica to complete construction of 4G networks, drive testing, and submission of reports demonstrating coverage was August 16, 2016.[11]

A. PTI Pacifica's Waiver Request

4. On May 16, 2016, three months before the deadline for PTI Pacifica to submit reports demonstrating that it had completed construction of 4G networks in each of the census tracts for which it was the winning bidder, PTI Pacifica filed a request for a waiver of section 54.1006(a)[12] of the FCC's rules and a one-year extension of deadline with respect to three of those areas.[13] PTI Pacifica explained

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[6] An Auction 901 winning bidder is required to provide service covering at least 75% of the eligible road miles within the area covered by its winning bid, and it will receive Mobility Fund support only for the actual road miles covered, up to 100%, within that area. Absent a waiver, a winning bidder that has been authorized to receive MF-I support will be required to repay any support it has received together with an additional performance default payment if it fails to meet its minimum coverage requirement by the specified deadline, fails to meet other service requirements, or fails to fulfill any other term or condition of support. *See USF/ICC Transformation Order*, 26 FCC Rcd at 17814, para. 461; *Mobility Fund Phase I Auction Scheduled for September 27, 2012; Notice and Filing Requirements and Other Procedures for Auction 901*, AU Docket No. 12-25, Public Notice, 27 FCC Rcd 4725, 4777, para. 189 (WTB/WCB 2012) (*Auction 901 Procedures Public Notice*); 47 CFR § 54.1006(f).

[7] 47 CFR § 54.1006(a).

[8] 47 CFR § 54.1006(b).

[9] Mobility Fund Phase I Auction – Winning Bids Sorted by Bidder, https://www.fcc.gov/sites/default/files/wireless/auctions/901/reports/901winning_bids_by_bidder.pdf (last visited Dec. 20, 2023).

[10] *Mobility Fund Phase I Support Authorized for 50 Winning Bids; Default on Six Auction 901 Winning Bids Determined*, AU Docket No. 12-25, Public Notice, 28 FCC Rcd 12284, 12286 (WTB/WCB 2013).

[11] 47 CFR § 54.1006(b).

[12] PTI Pacifica's Request and its Supplements seek waiver and extension of the deadlines contained in 47 CFR § 54.1006(a). The deadlines in 47 CFR § 54.1006(a) apply to Auction 901 winning bidders who committed to construct 3G networks; winning bidders who committed to construct 4G networks are bound by the deadlines in 47 CFR § 54.1006(b). Because PTI Pacifica committed to construct 4G networks, the deadlines for which it has sought waiver lie within 47 CFR § 54.1006(b).

[13] PTI Pacifica, Inc. Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline for Three Census Tracts, WT Docket No. 10-208 at 2 (filed May 16, 2016) (Request); *see also* PTI Pacifica, Inc. Supplement To Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline For Three Census Tracts, WT Docket No. 10-208 (filed Aug. 15, 2017) (First Supplement); PTI Pacifica, Inc. Second Supplement to Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline For Three Census Tracts, WT Docket No. 10-208 (filed Aug. 7, 2018) (Second Supplement); PTI Pacifica, Inc. Third Supplement to Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline For Three Census Tracts, WT Docket No. 10-208 (filed Aug. 9, 2019); PTI Pacifica, Inc. Fourth Supplement to Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline For Three Census Tracts, WT Docket No. 10-208 (filed July 30, 2020) (Fourth Supplement); PTI Pacifica, Inc. Fifth Supplement to Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline For Three Census Tracts, WT

(continued….)

that, although construction of its mobile networks in four of the seven census tracts was complete, it would not meet its obligations in the remaining tracts—Tinian, Rota, and Marpi.[14] In subsequent supplemental filings, PTI Pacifica explained that the network in the Rota census tract was complete and operational in October 2016, roughly two months after the initial deadline.[15] A temporary network on Marpi was operational before the deadline passed, and PTI Pacifica has stated that it will eventually transition to a permanent network with no interruption to service on the tract.[16]

5. For the Tinian tract, PTI Pacifica at first requested an extension of one year to meet its performance obligations, explaining that it faced numerous allegedly unforeseeable delays in its negotiations with the United States Department of Defense (DoD) to construct a final essential cell site on DoD-administered land in the North Field, and that it was seeking alternative solutions.[17] In a supplemental filing submitted in 2017, PTI Pacifica asked for a further extension to August 16, 2018, explaining that it had found a potential site on Mount Lasso while it awaited DoD's approval of the North Field location. PTI Pacifica stated, however, that the Mount Lasso area is also subject to DoD administration and that DoD and the CNMI Historic Preservation Office might require environmental and historic site assessment surveys before they would issue any construction approvals. In a second supplemental filing, PTI Pacifica informed the Commission that DoD had not approved the North Field site, and that two prospective sites on Mount Lasso were found to be unsuitable because of their historical significance.[18] PTI Pacifica therefore asked for an additional year—until August 16, 2019—to complete historic surveys of a third potential Mount Lasso location, citing the unpredictability of the approval process timeline.[19]

6. A year later, DoD had not yet issued the long-term lease that PTI Pacifica needed to construct its cell site, so it asked for another extension to August 16, 2020,[20] then once again sought an additional one-year extension in July of 2020 because DoD approval was still pending.[21] PTI Pacifica explained that the "process has been mired by additional requests for information, multi-step reviews by various divisions and offices within DoD, and other unexpected delays."[22]

7. In 2021, PTI Pacifica filed again, citing additional steps that it would need to take before it could sign the lease with DoD and explaining that the COVID-19 pandemic had delayed this process.[23] Because it could not be certain of the government's timeline to complete these final steps, PTI Pacifica requested a sixth extension of the deadline to August 16, 2022.[24] A year later the lease had still not been

(Continued from previous page)
Docket No. 10-208 (filed July 27, 2021) (Fifth Supplement); PTI Pacifica, Inc. Sixth Supplement to Request for Waiver and Extension of Time of Mobility Fund Phase I Construction Deadline For Three Census Tracts, WT Docket No. 10-208 (filed. Aug. 1, 2022) (Sixth Supplement).

[14] These census tracts are T69100950100 (SAC 658001) (Rota), T69110000100 (SAC 658002) (Marpi), and T69120950200 (SAC 658007) (Tinian).

[15] *See, e.g.*, First Supplement at 1–2.

[16] *See, e.g.*, *id.* at 3.

[17] Request at 7.

[18] Second Supplement at 4.

[19] *Id*. at 2, 4.

[20] Third Supplement at 2, 4.

[21] Fourth Supplement at 2–4

[22] *Id.* at 4.

[23] Fifth Supplement at 4–5.

[24] *Id*. at 2, 6.

finalized, although PTI Pacifica expressed its hope that it would be in short order, and requested a further extension of the deadline to August 16, 2023.[25] PTI Pacifica stated that it expected construction of the final site to be complete "within months of receiving the necessary Government approvals."[26]

8. All in all, PTI Pacifica filed six supplements to its initial waiver request, ultimately seeking an additional seven years to meet the MF-I obligations that were subject to an original deadline of August 16, 2016.

B. The PTI Pacifica Waiver Order

9. On March 31, 2023, OEA and the Bureaus denied PTI Pacifica's request with respect to the Tinian census tract only.[27] After noting that the MF-I rules were crafted to provide 3G or better wireless networks in areas where additional investment could make a substantial difference in a transparent, simple, speedy, and effective way,[28] the Order found that PTI Pacifica's case did not present special circumstances warranting deviation from the general rule, and that any such deviation would not be in the public interest.[29] Critically, the length of PTI Pacifica's request distinguished it from prior granted requests for waivers of MF-I construction deadlines that ranged in length from three to eighteen months.[30] The Order emphasized that PTI Pacifica's requested deadline would extend to ten years after the Bureaus first authorized its support, and that such a result would be "at odds with the express purpose for which the Commission awarded MF-I support to provide 'one-time support to immediately accelerate deployment of networks for mobile voice and broadband services in unserved areas.'"[31] PTI Pacifica's request therefore did not present the requisite special circumstances that might animate a waiver grant. For similar reasons, the Order concluded that deviation from the general rule would not serve the public interest in this case. Namely, deviation here would conflict with the Commission's objectives in extending MF-I support, and undermine its ability to enforce future high-cost support recipients' performance obligations.[32]

C. PTI Pacifica's Petition for Reconsideration

10. PTI Pacifica contends that the Order did not "consider or give proper weight to the evidence in the record" because PTI Pacifica's inability to meet the deadline was not within its control.[33]

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[25] Sixth Supplement at 4–7.

[26] *Id*. at 7.

[27] *See generally* Order.

[28] *See USF/ICC Transformation Order*, 26 FCC Rcd at 17781, para. 322; *see also Auction 901 Procedures Public Notice*, 27 FCC Rcd at 4729, para. 8.

[29] *See* Order at 5–8.

[30] *See* Order at 6–7 (citing *East Kentucky Network, LLC d/b/a Appalachian Wireless, United States Cellular Corporation, GCI Communication Corp., Union Telephone Company, Requests for Waiver of the Performance rules for Mobility Fund Phase I and Tribal Mobility Fund Phase I*, WT Docket No. 10-208, Order, 36 FCC Rcd 178, 180–88, 190–91, paras. 5–23, 27–31 (WCB/WTB/OEA 2021) (*Appalachian Wireless Order*) (granting requests for extensions ranging from three to eighteen months after the initial deadline); *Standing Rock Telecommunications, Inc., Amended Request for Limited Waiver and Extension of Mobility Fund Phase I Public Interest Obligations*, WT Docket No. 10-208, Order, 34 FCC Rcd 9598, 9600, 9604–05, paras. 6, 14–16 (WCB/WTB/OEA 2019) (*Standing Rock Order*) (granting a six-month request for waiver and extension); *Leaco Rural Telephone Cooperative, Inc. and Pine Belt Cellular, Inc.*, WT Docket No. 10-208, Order, 31 FCC Rcd 9001,t 9003–04, 9006–07, paras. 7, 11, 16–18 (WTB 2016) (*Leaco/Pine Belt Order*) (granting two-month and six-month requests for waiver and extension)).

[31] Order at 7 (quoting *USF/ICC Transformation Order*, 26 FCC Rcd at 17674–75, para. 28); *see also* 26 FCC Rcd at 17816, para. 469 (explaining that the Commission's purpose "is to aggressively extend coverage").

[32] Order at 8.

The Petition describes PTI Pacifica's investment on the Tinian tract, notes that it is likely the only provider that would develop 4G networks on the island, and claims that it has worked hard to meet its obligations but has fallen just short of the 75% coverage requirement.[34] PTI Pacifica repeatedly emphasizes its diligence and lack of control over the various delays that arose out of its negotiations with DoD, including "requests for information, multi-step reviews by various divisions and offices within DoD, and other unexpected delays, including the COVID-19 pandemic."[35] The Petition contends that the length of PTI Pacifica's request in fact "reveals the very essence of 'special circumstances' that were not reasonably foreseeable and that warrant a deviation from the general rule," and that the Order therefore did not give sufficient weight to the record.[36] PTI Pacifica submits that its case merits a waiver at least as much as those from which it was distinguished in the Order.[37] While it argues that the length of the request makes its case more compelling, PTI Pacifica also notes that it initially requested an extension of just one year, that its subsequent "incremental" requests have come in six annual supplements, and that it therefore has presented "a perfectly proportional delay based on the series of unique, uncontrollable, and unforeseeable circumstances PTI [Pacifica] has faced in obtaining DoD's approval."[38] The Petition likens this situation to cases in which the Commission granted waivers for delays as long as or longer than PTI Pacifica's, and where the requesting party also showed progress but faced delays that were beyond its control.[39] PTI Pacifica also submits that granting its request would not undermine future enforcement of high-cost support obligations because its case is unique and "highly unlikely" to be seen again.[40] Denying the waiver, by contrast, might disincentivize future potential recipients from undertaking to provide coverage in similarly challenging locations.[41] Finally, the Petition argues that waiver would serve the public interest because no other provider will serve the area, which is important for government and military operations but lacks any residences or businesses.[42]

III. DISCUSSION

11. Generally, the Commission's rules may be waived for good cause shown.[43] Good cause is shown, and thus a waiver is appropriate, only if special circumstances warrant a deviation from the general rule, and such deviation will serve the public interest.[44] Further, the Commission may reconsider the record and change its decision if the facts in the record demonstrate a waiver is warranted and in the

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[33] Petition at 2.

[34] *Id.* at 3–5, 9.

[35] *Id.* at 9.

[36] *Id.* at 11.

[37] *Id.* at 12–14 (citing *Appalachian Wireless Order*, 36 FCC Rcd at 190–91, paras. 27–29; *Leaco/Pine Belt Order*, 31 FCC Rcd at 9006, para. 16).

[38] Petition at 15.

[39] *Id.* at 15, n.23.

[40] *Id.* at 17.

[41] *Id*.

[42] *Id.* at 18.

[43] 47 CFR § 1.3.

[44] *See Appalachian Wireless Order*, 36 FCC Rcd at 188, para. 24; *Standing Rock Order*, 34 FCC Rcd at 9602, para. 11; *Leaco/Pine Belt Order*, 31 FCC Rcd at 9006, para. 15; *Ne. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) (citing *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969), *cert. denied*, 409 U.S. 1027 (1972)); *see also NetworkIP, LLC v. FCC*, 548 F.3d 116, 125–28 (D.C. Cir. 2008).

public interest.[45] However, a petition that relies on facts or arguments not previously presented may only be granted in certain circumstances.[46] A petition that fails to identify any material error, omission, or reason warranting reconsideration, or that relies on arguments that have been fully considered and rejected within the same proceeding may be dismissed.[47] We conclude that PTI Pacifica has failed to identify any errors made by OEA and the Bureaus in their determination that PTI Pacifica did not meet the standard for grant of a waiver and relies solely on arguments that previously have been fully considered and rejected by OEA and the Bureaus. Accordingly, we deny PTI Pacifica's Petition.[48]

12. PTI Pacifica's already rejected arguments include: (i) that unforeseeable delays and the length of the requested extension together create special circumstances that merit deviation from the general rule, making PTI Pacifica's case similar to those in which we have granted waivers in the past;[49] (ii) that the delay in meeting the coverage deadlines was reasonable and justified under the circumstances;[50] (iii) that granting the Request would not undermine future enforcement;[51] and (iv) that granting the Request would be in the public interest because PTI Pacifica has nearly met its obligations and continues to make progress.[52]

13. In its initial Request and annual supplements, PTI Pacifica asserted that its case involves special circumstances in light of its diligence, significant progress, and the unforeseeable nature of the delays that it faced in trying to meet its coverage obligation on Tinian.[53] PTI Pacifica now contends that OEA and the Bureaus erred in determining that it did not present special circumstances supporting a waiver, and that its case is at least as compelling as those for which we have previously granted extensions of MF-I construction deadlines.[54] However, the Order considered carefully and rejected the argument that PTI Pacifica was situated similarly to those MF-I recipients; OEA and the Bureaus instead found them to be distinguishable because they were granted comparatively modest extensions of their deadlines.[55] OEA and the Bureaus made clear that the circumstances leading up to PTI Pacifica's delay in

[45] *See* 47 CFR § 1.106(c)(2).

[46] *See* 47 CFR § 1.106(b)(2), (c).

[47] 47 CFR § 1.106(b)(2), (c)(2).

[48] *See, e.g.*, *Qwest Communications Company, LLC v. N. Valley Communications, LLC*, Order on Reconsideration, 26 FCC Rcd 14520, 14522–23, paras. 5–6 (2011) ("It is 'settled Commission policy that petitions for reconsideration are not to be used for the mere reargument of points previously advanced and rejected.'") (quoting *S&L Teen Hospital Shuttle*, Order on Reconsideration, 17 FCC Rcd 7899, 7900, para. 3 (2002)).

[49] *See* Petition at 12–14; Order at 6–7.

[50] *See* Petition at 14–16; Order at 7–8.

[51] *See* Petition at 16–17; Order at 7–8.

[52] *See* Petition at 18; Order at 8.

[53] *See, e.g.*, Request at 5 ("PTI [Pacifica] has diligently and aggressively pursued meeting the [MF-I] requirements in the Rota, Marpi and Tinian Census Tracts and remains committed to providing 4G LTE mobile service to these remote areas with very sparse populations."); First Supplement at 4; Second Supplement at 5; Sixth Supplement at 4.

[54] PTI Pacifica attempts to turn the Commission's waiver standard on its head, arguing that the length of their delay in meeting the construction and other performance deadlines for which it seeks a waiver is the special circumstance that justifies waiver of those deadlines. *See, e.g.*, Petition at 11 (arguing that "the very magnitude of delay by DoD reveals the very essence of 'special circumstances' that were not reasonably foreseeable . . ."); Petition at 12–13 (describing the unexpected delays and arguing that "[n]o reasonable applicant for [MF-I] support could have predicted this outcome, which is the very definition of a 'special circumstance' that warrants deviation from the general rule."). Adopting PTI Pacifica's interpretation of the waiver standard could lead to the incongruous outcome that waiver petitioners with lengthy delays would be more likely to obtain a waiver than those with minimal or modest delays.

obtaining a tower site cannot be viewed in a vacuum, and the totality of the circumstances, including the extreme and unprecedented length of PTI Pacifica's delay in providing 4G service that meets the MF-I requirements, "are not of the type that warrant a waiver of the MF-I deadlines and the resulting disbursement of USF funds."[56]

14. PTI Pacifica disagrees with OEA's and the Bureaus' determination that the overall length of its delay doomed its case to establish special circumstances that might animate a waiver grant. PTI Pacifica argues that "the Commission has previously granted a waiver of construction or build out deadlines for more than a decade where the licensee demonstrated consistent progress toward achieving those deadlines but faced obstacles beyond their control."[57] Specifically, the Petition compares PTI Pacifica's case to that of Progeny LMS, LLC (Progeny), which received multiple extensions of the buildout deadlines for its location and monitoring services licenses in the 902–928 MHz band.[58] We do not find that situation to be analogous. Progeny provides services that wireless carriers may use, for example, to meet Enhanced 911 (E911) location accuracy requirements and was not seeking to receive a disbursement of funds that had been conditioned upon having met the very deadline it missed.[59] WTB granted Progeny's request for reasons wholly inapplicable to MF-I's rules and policies, including that the purposes of the program to provide location-based services would not be frustrated by the grant, and that the public interest would be well-served by Progeny's "potential of offering significant public safety benefits through improved E911 indoor location accuracy . . . ."[60] The bases that PTI Pacifica offers for concluding that its case is akin to Progeny's are that Progeny, too, maintained that it was "actively and diligently" working to meet its obligations, and that Progeny filed multiple requests for extensions.[61] Although we acknowledge PTI Pacifica's progress on Tinian, as detailed above, the Order expressly considered PTI Pacifica's efforts and concluded that the significant length of its extension request(s) was

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[55] *Compare* Order at 7 ("PTI Pacifica's delay in meeting its MF-I performance requirements in the Tinian tract far exceeds any for which we have previously granted an MF-I recipient a waiver. . . . While our decision is not intended to disregard PTI Pacifica's effort to complete the required construction of the Tinian network, we cannot look merely at the circumstances leading to its delay in obtaining a tower site while ignoring the other circumstances present here, which include the extreme length of its delay in providing 4G service that meets MF-I requirements."), *with* Petition at 12–14 ("PTI's request for a waiver and extension of time to construct its network in the Tinian census tract – as a result of the fact that DoD has delayed approval for years – are *more compelling* than the circumstances the Bureaus relied on to grant extensions of time to other [MF-I] recipients.") (emphasis in original).

[56] Order at 7, para. 17.

[57] Petition at 15, *citing Request of Progeny LMS, LLC for Waiver and Limited Extension of Time*, WT Docket No. 12-202, Order, 32 FCC Rcd 122, 132, para. 20 (WTB 2017) (*Progeny Order*).

[58] *See generally Progeny Order.*

[59] *Id.* at 122, para. 1; *see also USF/ICC Transformation Order*, 26 FCC Rcd at 17777–78, 17781, 17785, 17805, paras. 313, 322, 324, 337, 421.

[60] *Id*. at 136, para. 28.

[61] Petition at 15, n.23 (citing *Progeny Order*, 32 FCC Rcd at 132, para. 20). PTI Pacifica contrasts itself with parties whose requests to extend the same deadlines for which Progeny received an extension were denied because "it would be contrary to the public interest to grant extensions and waivers in perpetuity where our buildout requirements have not been met and there is no assurance that they will ever be met." Petition at 15-16 (quoting *Helen Wong-Armijo, Applications for Waiver and Limited Extension of Time*, WT Docket No. 16-385, Order, 32 FCC Rcd 9458, 9471, para. 28 (WTB 2017) (*Wong-Armijo Order*)). WTB there explained that, unlike Progeny, the requesting parties had not invested in the technology that was necessary to operate in the band. *Wong-Armijo Order*, 32 FCC Rcd at 9471, para 28 ("Despite acknowledging Progeny's equipment development efforts in this same band, [requesters] continued to make the business decision not to invest in developing equipment capable of operating in the M-LMS band. Thus, it would not serve the underlying purpose of the construction requirements to grant another waiver of our rules.").

at odds with the purposes of MF-I support and did not warrant deviation.[62] The Petition's new citations to the Progeny waiver orders offer old arguments, and we remain unpersuaded that PTI Pacifica has demonstrated special circumstances justifying waiver of the MF-I performance deadlines and the disbursement of USF support.

15. The Order also concluded that PTI Pacifica's request was not in the public interest because the substantial length of the delay conflicts with the Commission's MF-I objectives, and waiver here could undermine enforcement of the performance obligations of future recipients of USF high-cost support.[63] PTI Pacifica argues in its Petition that it is just three percentage points short of its 75% coverage requirement on Tinian, again notes the unique and unforeseeable nature of its delays, observes that the Commission is not likely to see a similar situation from a future support recipient, and submits that denying PTI Pacifica's request could undermine future enforcement because applicants might be disincentivized from attempting to cover "hard to reach areas that involving obtaining access to federal land or require permitting approvals."[64] The Petition submits that no other provider will construct a network in the area and that the military supports the network's completion.[65] As explained above, OEA and the Bureaus previously considered PTI Pacifica's diligence and substantial progress, but nevertheless concluded that strict enforcement of the level of service requirements attendant to MF-I support is the best way to fulfill the program's goal "to aggressively extend coverage."[66] However close it may have come, PTI Pacifica has not met the performance requirement on the Tinian tract more than seven years after the initial deadline and ten years after being authorized to receive MF-I support. As such, we affirm our determination that a grant of PTI Pacifica's waiver request does not serve the public interest.

IV. ORDERING CLAUSES

16. Accordingly, IT IS ORDERED that, under the authority contained in sections 1, 4(i), 4(j), 5(c), 201, 254, and 303(r), of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 154(i), 154(j), 155(c), 201, 254, and 303(r), and sections 0.21, 0.91, 0.131, 0.271, 0.291, 0.331, 1.106, and 1.3 of the Commission's rules, 47 CFR §§ 0.21, 0.91, 0.131, 0.271, 0.291, 0.331, 1.106, and 1.3, that the Petition for Reconsideration filed May 1, 2023, by PTI Pacifica, Inc. is DENIED.

17. IT IS FURTHER ORDERED that a copy of this Order SHALL BE transmitted to the Universal Service Administrative Company.

18. IT IS FURTHER ORDERED that, under section 1.102(b)(1) of the Commission's rules, 47 CFR § 1.102(b)(1), this Order SHALL BE effective upon release.

[62] Order at 7–8.

[63] *Id.* at 8.

[64] Petition at 17.

[65] *Id.* at 18.

[66] Order at 8. OEA and the Bureaus further noted that in establishing the MF-I rules, the Commission's objective of aggressively extending coverage led it to reject the idea of providing MF-I support where the recipient's level of service falls short of the required percentage of coverage. *Id.* (citing the *USF/ICC Transformation Order*, 26 FCC Rcd at 17816, para. 469).

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DA No. 24-97

Report No. SAT-01796 **Friday February 2, 2024**

Satellite Licensing Division and Satellite Programs and Policy Division Information

Actions Taken

The Commission, by its Space Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-LOA-20230504-00103 E S3173 Muon Space Inc.
Launch and Operating Authority
Grant of Authority Effective Date: 01/30/2024

Nature of Service: Earth Exploration Satellite Service

On January 30, 2024, the Satellite Programs and Policy Division granted, with conditions, authority to Muon Space to construct, deploy, and operate two low-Earth orbit, non-geostationary satellites, to be known as MuSat-2 and MuSat-3, that will operate in the Earth-Exploration Satellite Service (EESS) in sun-synchronous orbit at an altitude of approximately 550 kilometers (+/- 25 kilometers) and an inclination of 97.5 degrees (+/- 0.5 degrees), and an altitude as low as 200 kilometers. Muon Space is authorized to operate in the following frequency bands: 8025-8400 MHz (space-to-Earth) for EESS and tracking and telemetry downlink operations and 2025-2110 MHz (Earth-to-space) for command uplink operations. Specifically, Muon Space is authorized to operate using a center frequency of 8205 MHz with a bandwidth of 90 MHz for its EESS downlink; center frequency of 2062.5 MHz with a bandwidth of 1 MHz and up to a bandwidth of 3.5 MHz for its command uplink; and center frequencies of 8385 MHz and 8390 MHz with a bandwidth of 3.5 MHz for its tracking and telemetry downlink. Muon Space is also authorized to receive signals from the Global Positioning System at center frequencies of 1575.42 MHz and 1227.60 MHz for radio occultation and 1575.42 MHz and 1176.45 MHz for radio reflectometry.

SAT-MOD-20230201-00012 E S3097 SES Americom, Inc.
Modification 06/27/2023 - 06/27/2038
Grant of Authority Effective Date: 01/30/2024

Nature of Service: Fixed Satellite Service

On January 30, 2024, the Satellite Programs and Policy Division granted, with conditions, the modification request of SES Americom, Inc. to operate the SES-19 space station at the 134.9° W.L. orbital location instead of the 103.05° W.L. orbital location. SES-19 provides fixed-satellite service in the 3.7-4.2 GHz (space-to-Earth) and 5.925-6.425 GHz (Earth-to-space) frequencies, and conducts telemetry, tracking, and command using the 6415-6425 MHz (Earth-to-space) and 4190-4200 MHz (space-to-Earth) frequencies.

SAT-MOD-20231201-00296 E S3144 Momentus Space LLC
Modification
Withdrawn Effective Date: 01/30/2024

Nature of Service: Other

SAT-STA-20231103-00274 E S2381 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 01/26/2024

Nature of Service: Fixed Satellite Service

On January 26, 2024, the Satellite Programs and Policy Division granted, with conditions, Intelsat License LLC's request for special temporary authority, for a period of 180 days, to operate the Galaxy 3C space station with a new Ku-band coverage area at the 94.85° W.L. orbital location.

SAT-STA-20231212-00315 E S3095 Umbra Lab Inc
Special Temporary Authority
Grant of Authority Effective Date: 02/01/2024

Nature of Service: Earth Exploration Satellite Service

On February 1, 2024, the Satellite Programs and Policy Division granted, with conditions, Umbra Lab, Inc.'s request for special temporary authority, for a period of up to 60 days, to authorize operations of the Umbra-04 satellite, including for synthetic aperture radar (SAR) imaging in the Earth exploration-satellite service, down to an orbit with a perigee altitude of 325 km.

SAT-STA-20231226-00327 E S2381 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 01/26/2024

Application listed as granted in ICFS to reflect continuing operations pursuant to section 1.62 of the Commission's rules. 47 CFR § 1.62.

SAT-STA-20240116-00014 E S3143 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 02/01/2024

Nature of Service: Fixed Satellite Service

On February 1, 2024, the Satellite Programs and Policy Division granted, with conditions, Intelsat License LLC's request for special temporary authority, for an additional period of 60 days, to operate the Galaxy 35 space station at the 93.1° W.L. orbital location.

SAT-STA-20240124-00017 E S2381 Intelsat License LLC
Special Temporary Authority
Withdrawn Effective Date: 01/29/2024

INFORMATIVE

SAT-AMD-20231220-00321 S3182 Spire Global, Inc.

On February 1, 2024, the Satellite Programs and Policy Division reissued a license grant to reflect an update to condition 6 of the Attachment to Grant to reflect further coordination with federal operators.

SAT-LOA-20230924-00232 S3182 Spire Global, Inc.

On February 1, 2024, the Satellite Programs and Policy Division reissued a license grant to reflect an update to condition 6 of the Attachment to Grant to reflect further coordination with federal operators.

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.

PUBLIC NOTICE

Federal Communications Commission
45 L St., N.E.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: http://www.fcc.gov
TTY: 1-888-835-5322

DA 24-98
Released: February 5, 2024

MEDIA BUREAU ANNOUNCES THRESHOLD QUALIFICATIONS WINDOW FOR TRIBAL ALLOTMENT AT LAC DU FLAMBEAU, WISCONSIN

March 6, 2024, Deadline Established for FCC Forms 2100, Schedule 301-FM, and Threshold Qualifications Showings

The Media Bureau (Bureau) announces that it is opening today a Threshold Qualifications Window (TQ Window) during which qualified Tribal applicants may file applications for the Channel 225A Tribal Allotment at Lac du Flambeau, Wisconsin (Lac du Flambeau Tribal Allotment).[1] The 30-day window will close on March 6, 2024. The TQ Window is being opened pursuant to procedures announced in the Third Report and Order in *Policies to Promote Rural Radio Service and to Streamline Allotment and Assignment Procedures* (*Rural Radio*).[2]

The L.D.F. Business Development Corp. (LDF BDC), which is the non-gaming wholly owned business entity of the Lac du Flambeau Band of Lake Superior Chippewa Indians, previously submitted an FCC Form 2100, Schedule 301-FM application with its petition for the Lac du Flambeau Tribal Allotment.[3] The Bureau found that LDF BDC satisfied the eligibility criteria for this Tribal Allotment.[4] During the TQ Window, any other eligible Tribe or Tribal entity may file a competing FCC Form 2100, Schedule 301-FM application for the Lac du Flambeau Tribal Allotment, which must include a threshold qualifications showing. This showing must demonstrate that the applicant Tribe or Tribal entity would have qualified[5] to add the Lac du Flambeau Tribal Allotment to the Table of FM Allotments.[6] Specifically, a Tribal applicant must demonstrate that it meets all of the following eligibility criteria for grant of the Tribal Priority at the allotment stage:

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[1] *Lac du Flambeau, Wisconsin*, Report and Order, DA 23-1179, MB Docket No. 23-302, RM-11965 (MB rel. Dec. 19, 2023), 88 Fed Reg. 90127 (Dec. 29, 2023) (*Lac du Flambeau R&O*).

[2] *See Policies to Promote Rural Radio Service and to Streamline Allotment and Assignment Procedures*, Third Report and Order, 26 FCC Rcd 17642, 17645- 50, paras. 7-15 (2011) (*Rural Third R&O*). *See also* 47 CFR § 73.3573(f)(6).

[3] Application File No. 0000219341.

[4] *Lac du Flambeau R&O*, para. 4.

[5] *See Policies to Promote Rural Radio Service and to Streamline Allotment and Assignment Procedures*, First Report and Order and Further Notice of Proposed Rule Making, 25 FCC Rcd 1583, 1588-89, 1596-97, paras. 9-10, 26-27 (2010) (*Rural First R&O*).

[6] 47 CFR § 73.202.

(A) The applicant is either a federally recognized Tribe or Tribal consortium, or an entity 51 percent or more of which is owned or controlled by a Tribe or Tribes. Qualifying Tribes or Tribal entities must be those at least a portion of whose Tribal Lands lie within the principal community contour of the proposed allotment. Although the 51 or greater percent Tribal control threshold need not consist of a single Tribe, the qualifying entity must be 51 percent or more owned or controlled by Tribes at least a portion of whose Tribal Lands lie within the proposed allotment's principal community contour;

(B) (1) At least 50 percent of the area within the proposed principal community contour is over that Tribe's Tribal Lands, or (2) the proposed principal community contour (a) encompasses 50 percent or more of that Tribe's Tribal Lands, (b) serves at least 2,000 people living on Tribal Lands, and (c) the total population on Tribal Lands residing within the proposed allotment's service contour constitutes at least 50 percent of the total covered population[7] (and, in the case of either (B)(1) or (B)(2), the proposed allotment's principal community contour does not cover more than 50 percent of the Tribal Lands of a Tribe that is not a party to the application);[8]

(C) The proposed community of license must be located on the applicant's Tribal Lands; and

(D) The proposed service must constitute first or second aural (reception) service, or first local Tribal-owned commercial transmission service at the proposed community of license.[9]

Any Tribe or Tribally controlled entity interested in filing a competing application and threshold qualifications showing **must contact** James Bradshaw at James.Bradshaw@fcc.gov **no later than March 6, 2024, to make arrangements for electronic filing of a complete FCC Form 2100, Schedule 301-FM application for new station construction permit in the Bureau's Licensing and Management System (LMS).**

LDF BDC, as the original allotment proponent, **must submit** a written notification during the TQ Window. The notification must include an expression of continuing interest in the Lac du Flambeau Tribal Allotment, and **must include** a request that the Bureau either (1) process its previously filed FCC Form 2100, Schedule 301-FM application immediately; or (2) postpone processing of its application.

In the event that only one acceptable application is on file at the close of the TQ Window, that application will be processed as a singleton. If no competing application is filed during the TQ Window and if LDF BDC requests that the Bureau postpone processing of its application, the Lac du Flambeau Tribal Allotment will be offered in a future auction. Only threshold qualified Tribal applicants may bid on that allotment during this first auction. If two or more acceptable applications are on file at the close

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[7] For purposes of qualifying for the Tribal Priority at the FM allotment stage, the service contour is the class reference contour as set forth in 47 CFR § 73.211(b). This is the 1 mV/m (60 dBμ) contour.

[8] To the extent that a Tribe lacks Tribal Lands, the applicant may establish eligibility for waiver of the above-listed tribal land coverage provisions, by demonstrating a geographic area identified with the Tribe. *See Policies to Promote Rural Radio Service and to Streamline Allotment and Assignment Procedures*, Second Report and Order, First Order on Reconsideration, and Second Further Notice of Proposed Rule Making, 26 FCC Rcd 2556, 2561-63, paras. 9-11 (2010) (*Rural Second R&O*). Likewise, we will consider requests for waiver of the other requirements where appropriate.

[9] *See Rural First R&O*, 25 FCC Rcd at 1596-97, paras. 26-27; *Rural Second R&O*, 26 FCC Rcd at 2561-63, 2586-87, paras. 9-11, 59. *See also* 47 CFR § 73.3573, Note 5.

of the TQ Window, those applicants will be afforded an opportunity to negotiate a settlement (including a time-sharing agreement) or *bona fide* merger to resolve the mutual exclusivity between their applications. Barring such a settlement or merger, the Lac du Flambeau Tribal Allotment will be offered at auction, with only the threshold qualified Tribal applicants allowed to participate.[10]

LDF BDC's written notification shall be submitted to the Office of the Secretary, 45 L Street, N.E., Washington, DC 20554, with a courtesy copy e-mailed to Lisa Scanlan, Thomas Nessinger, and Adrienne Denysyk, Audio Division, Media Bureau, Lisa.Scanlan@fcc.gov, Thomas.Nessinger@fcc.gov, and Adrienne.Denysyk@fcc.gov. Applications and written notification must be filed no later than 6:00 p.m., Eastern Time, on March 6, 2024.

For additional information, contact Lisa Scanlan, Thomas Nessinger, or Adrienne Denysyk of the Audio Division at (202) 418-2700.

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[10] *See generally Rural Third R&O*, 26 FCC Rcd at 17646-48, paras. 8-9.

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DA 24-99
Released: February 2, 2024

WIRELINE COMPETITION BUREAU ANNOUNCES COMMENT DATES FOR THE PREVENTING DIGITAL DISCRIMINATION FURTHER NOTICE OF PROPOSED RULEMAKING

GN Docket No. 22-69

Comment Date: March 4, 2024
Reply Comment Date: April 1, 2024

On November 15, 2024, the Commission released a Report and Order and Further Notice of Proposed Rulemaking adopting rules pursuant to section 60506 of the Infrastructure Investment and Jobs Act of 2021 that establish a framework to facilitate equal access to broadband internet access service by preventing digital discrimination of access, and seeking comment on potential additional rules to further address digital discrimination of access to broadband.[1] Specifically, in the *Preventing Digital Discrimination FNPRM*, the Commission invites comment on (1) two sets of affirmative obligations for broadband providers in furtherance of the Commission's mandate to facilitate equal access to broadband internet access service, including by preventing digital discrimination of access, and (2) the potential benefits and costs of establishing an Office of Civil Rights within the Commission.

On February 1, 2024, a summary of the *Preventing Digital Discrimination FNPRM* was published in the Federal Register.[2] Comments are due on or before **March 4, 2024**, and reply comments are due on or before **April 1, 2024**. Complete comment filing instructions are set forth in the *Preventing Digital Discrimination FNPRM*.[3]

To request materials in accessible formats for people with disabilities (Braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer and Governmental Affairs Bureau at (202) 418-0530 (voice).

For further information, contact the Competition Policy Division, Wireline Competition Bureau, at (202) 418-1580 (voice).

- FCC -

[1] *Implementing the Infrastructure Investment and Jobs Act: Prevention and Elimination of Digital Discrimination*, GN Docket No. 22-69, Report and Order and Further Notice of Proposed Rulemaking, FCC 22-98 (rel. Nov. 15, 2023) (*Preventing Digital Discrimination RO and FNPRM*); *see* Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, 135 Stat. 429, § 60506 (2021).

[2] Federal Communications Commission, Implementing the Infrastructure Investment and Jobs Act: Prevention and Elimination of Digital Discrimination, Proposed Rule, 89 Fed. Reg. 88 (Feb. 1, 2024).

[3] *Preventing Digital Discrimination FNPRM* at para. 223.

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-100
Released: February 5, 2024

AUCTION 108 LONG-FORM APPLICATION OF T-MOBILE LICENSE LLC FOR 2.5 GHZ BAND LICENSES

NUMBERING RESOURCE UTILIZATION AND FORECAST (NRUF) REPORTS AND LOCAL NUMBER PORTABILITY (LNP) REPORTS PLACED INTO THE RECORD, SUBJECT TO THE PROTECTIVE ORDER

CC Docket No. 99-200
ULS File No. 0010206629

T-Mobile License LLC (T-Mobile) filed an Auction 108[1] long-form application (FCC Form 601) for licenses in the 2.5 GHz band (2496-2690 MHz).[2] T-Mobile won multiple licenses in Auction 108, the auction of new flexible-use overlay licenses in the 2.5 GHz band.[3] Subsequent to T-Mobile's filing of its long-form application, AT&T Services, Inc. (AT&T) filed a petition to deny regarding the 2.5 GHz band licenses that T-Mobile won in Auction 108.[4]

In connection with the Commission's review of T-Mobile's long-form application, the Commission is examining information contained in the biannual Numbering Resource Utilization and Forecast (NRUF) reports filed by wireless telecommunications carriers,[5] carrier-specific local number portability (LNP) data related to wireless telecommunications carriers, and further disaggregated monthly carrier-specific local number portability data (Carrier-to-Carrier LNP Data) related to wireless telecommunications carriers. These data may assist the Commission in assessing the competitive effects of the transaction. Accordingly, the NRUF reports for all wireless telecommunications carriers for December 2022 and the monthly LNP reports for all wireless telecommunications carriers for January 2022 through December 2022 are being placed in the record in these proceedings, subject to the provisions of a protective order.[6]

[1] Auction 108, which began on July 29, 2022, offered approximately 8,000 county-sized overlay licenses in the single largest contiguous portion of available mid-band spectrum below 3 GHz. *Auction of Flexible-Use Licenses in the 2.5 GHz Band for Next-Generation Wireless Services, Notice and Filing Requirements, Minimum Opening Bids, Upfront Payments, and Other Procedures for Auction 108, Bidding Scheduled to Begin July 29, 2022*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 4370, 4372, para. 1 (2022).

[2] T-Mobile filed its long-form application on September 16, 2022 and subsequently amended its application on October 4, 2022, November 7, 2022, and February 1, 2023. *See* Amended Application of T-Mobile License LLC for 2.5 GHz Licenses, Form 601, ULS File No. 0010206629 (filed Feb. 1, 2023).

[3] *Auction of Flexible-Use Licenses in the 2.5 GHz Band Closes; Winning Bidders Announced for Auction 108*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 10117, para. 1 (WTB/OEA 2022).

[4] On November 7, 2022, AT&T filed a petition to deny, pursuant to 47 U.S.C. § 309 and 47 CFR § 1.2108. Petition to Deny of AT&T Services, Inc., ULS File No. 0010206629 (filed Nov. 7, 2022).

[5] 47 CFR §§ 1.907, 52.5.

[6] A protective order will be adopted concurrently.

Section 251 of the Communications Act grants the Commission jurisdiction over the North American Numbering Plan (NANP) and related telephone numbering issues.[7] To monitor better the way numbering resources are used within the NANP and allocate NANP resources efficiently, the Commission requires telecommunications carriers to provide the Commission with a utilization report of their current inventory of telephone numbers and a five-year forecast of their numbering resource requirements.[8] LNP data are collected by the LNP Administrator and provided to the Commission.

The Commission has recognized that disaggregated, carrier-specific forecast and utilization data should be treated as confidential and should be exempt from public disclosure under 5 U.S.C. § 552(b)(4).[9] The NRUF and LNP reports are being placed into the record subject to the provisions of a protective order. As such, the NRUF and LNP data will not be available to the public except pursuant to the terms of the protective order, as outlined below.

Persons seeking to review the NRUF and LNP data may do so only for purposes of participating in this proceeding. Pursuant to the protective order, outside persons participating or intending to participate in the proceeding who are not involved in competitive decision-making activities and who have signed the Acknowledgment of Confidentiality attached to the protective order may review the NRUF and LNP data. We emphasize that persons seeking to review the NRUF and LNP data must have adequate protections in place to prevent improper use or disclosure of the information.

Affected parties have until **February 15, 2024** to oppose the limited disclosure of their NRUF and LNP data pursuant to the protective order.[10] In addition, affected parties will have five business days after the filing of an acknowledgment of confidentiality to object to the release of their data to a particular person who requests permission to review it.

Under the Commission's current procedures for the submission of filings and other documents,[11] submissions in this matter may be filed electronically through the Commission's Universal Licensing System (ULS), referencing the file numbers set forth above.

- **To file electronically**,[12] filings shall be sent as an electronic file via the Internet to https://wireless2.fcc.gov/UlsEntry/pleadings/pleadingsType.jsp. In completing the transmittal screen, commenters should include their full name, U.S. Postal Service mailing address, and the applicable ULS file number.
- **To file by paper**: Filings in response to this Public Notice may be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.

  - Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.

  - U.S. Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street, NE, Washington, DC 20554.

[7] 47 U.S.C. § 251.

[8] 47 CFR § 52.15(f); *see Numbering Resource Optimization*, Report and Order and Further Notice of Proposed Rule Making, 15 FCC Rcd 7574, 7578-79, para. 5 (2000) (*Numbering Report and Order*).

[9] *Numbering Report and Order*, 15 FCC Rcd at 7607, para. 78.

[10] If disclosure is opposed, the procedures set forth in 47 CFR § 0.461(i) shall apply.

[11] *FCC Announces Change in Filing Location for Paper Documents*, Public Notice, 24 FCC Rcd 14312 (2009).

[12] *Electronic Filing of Documents in Rulemaking Proceedings*, Report and Order, 13 FCC Rcd 11322 (1998).

- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand delivered or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19.[13]

One copy of each filing must be delivered electronically, by email, or if delivered as paper copy, by messenger delivery, commercial overnight courier, or by first-class or overnight U.S. Postal Service mail (according to the procedures set forth above for paper filings), to: (1) Susannah Larson, Wireless Telecommunications Bureau, at Susannah.Larson@fcc.gov; (2) Catherine Matraves, Office of Economics and Analytics, at Catherine.Matraves@fcc.gov; and (3) Joel Rabinovitz, Office of General Counsel, at Joel.Rabinovitz@fcc.gov. Any submission emailed to these individuals should include in the subject line of the email, for example: (1) ULS File No. 0010206629; (2) the name of the submitting party; and (3) a brief description or title identifying the type of document being submitted (e.g., ULS File No. 0010206629, Widget Corp., NRUF Objection).

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Government Affairs Bureau at (202) 418-0530.

This action is taken pursuant to sections 4(i) and 309 of the Communications Act, 47 U.S.C. §§ 154(i), 309, section 4 of the Freedom of Information Act, 5 U.S.C. § 552(b)(4), and authority delegated under section 0.331 of the Commission's rules, 47 CFR § 0.331, and is effective upon its adoption.

For further information regarding this proceeding, please contact Susannah Larson, Susannah.Larson@fcc.gov; Catherine Matraves, Catherine.Matraves@fcc.gov; or Joel Rabinovitz, Joel.Rabinovitz@fcc.gov.

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[13] *FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, 35 FCC Rcd 2788 (OMD 2020), https://www.fcc.gov/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
T-Mobile License LLC	)	ULS File No. 0010206629
	)	
Application for 2.5 GHz Band Licenses, Auction No. 108	)	

NRUF/LNP PROTECTIVE ORDER

Adopted: February 5, 2024 **Released: February 5, 2024**

By the Chief, Wireless Telecommunications Bureau:

1. In connection with the Commission's review of the long-form application at issue in this proceeding, the Commission is examining information contained in the Numbering Resource Utilization and Forecast (NRUF) reports filed by carriers engaged in the provision of wireless telecommunications services[1] (Wireless Telecommunications Carriers) and disaggregated, carrier-specific local number portability (LNP) data related to Wireless Telecommunications Carriers. We find that such materials are necessary to develop a more complete record on which to base the Commission's decision. We also anticipate that parties participating in the proceeding may seek to review this data.

2. Section 251 of the Communications Act of 1934, as amended, grants the Commission jurisdiction over the North American Numbering Plan (NANP) and related telephone numbering issues.[2] In order to better monitor the way numbering resources are used within the NANP and efficiently allocate NANP resources, the Commission requires telecommunications carriers to provide the Commission with a utilization report of their current inventory of telephone numbers and a five-year forecast of their numbering resource requirements—the NRUF report.[3] LNP data are collected by the LNP Administrator and provided to the Commission. The Commission has recognized that disaggregated, carrier-specific forecast and utilization data should be treated as confidential and should be exempt from general public disclosure under 5 U.S.C. § 552(b)(4).[4]

3. While we are mindful of the highly sensitive nature of such information, we are also mindful of the right of the public to participate in this proceeding in a meaningful way. Therefore, consistent with past practice,[5] the NRUF reports and LNP data will not be available to the public except pursuant to the terms of this NRUF/LNP Protective Order; we will make such information available to participants in this proceeding, but limit such access to their Outside Counsel of Record and Outside Consultants whom they retain to assist them in this proceeding, and their Outside Counsel's and Outside

[1] 47 CFR §§ 1.907, 52.5.

[2] 47 U.S.C. § 251.

[3] 47 CFR § 52.15(f); *see Numbering Resource Optimization*, Report and Order and Further Notice of Proposed Rule Making, 15 FCC Rcd 7574, 7578-79, para. 5 (2000) (*Numbering Report and Order*).

[4] *Numbering Report and Order*, 15 FCC Rcd at 7607, para. 78.

[5] *See, e.g.*, *AT&T Inc. and Deutsche Telekom AG for Consent To Assign or Transfer Control of Licenses and Authorizations*, Protective Order, 26 FCC Rcd 6031 (WTB 2011); *AT&T Inc. and Centennial Communications Corp. for Consent To Transfer Control of Licenses, Authorizations, and Spectrum Leasing Arrangements*, Protective Order, 24 FCC Rcd 13915 (WTB 2009).

Consultants' employees. We conclude that the procedures we adopt in this NRUF/LNP Protective Order give appropriate access to the public while protecting particularly competitively sensitive information from improper disclosure, and that the procedures we adopt thereby serve the public interest.[6]

4. *Definitions.* As used herein, capitalized terms not otherwise defined in this NRUF/LNP Protective Order shall have the following meanings:

"Acknowledgment" means the Acknowledgment of Confidentiality attached as Appendix A hereto.

"Competitive Decision-Making" means that a person's activities, association, or relationship with any of his or her clients involve advice about or participation in the relevant business decisions or the analysis underlying the relevant business decisions of the client in competition with or in a business relationship with a Wireless Telecommunications Carrier.

"NRUF/LNP Confidential Information" means the NRUF reports, the data contained in those reports, the LNP data, and any information derived from the reports or the data that is not otherwise available from publicly available sources.

"Outside Counsel of Record" or "Outside Counsel" means the attorney(s), firm(s) of attorneys, or sole practitioner(s), as the case may be, retained by a Participant in this proceeding, provided that such attorneys are not involved in Competitive Decision-Making. The term "Outside Counsel of Record" includes any attorney representing a non-commercial Participant in this proceeding, provided that such attorney is not involved in Competitive Decision-Making.

"Outside Consultant" means a consultant or expert retained for the purpose of assisting Outside Counsel or a Participant in this proceeding, provided that such consultant or expert is not involved in Competitive Decision-Making. The term "Outside Consultant" includes any consultant or expert employed by a non-commercial Participant in this proceeding, provided that such consultant or expert is not involved in Competitive Decision-Making.

"Outside Firm" means a firm, whether organized as a partnership, limited partnership, limited liability partnership, limited liability company, corporation, or otherwise, of Outside Counsel or Outside Consultants.

"Participant" means a person or entity that has filed, or has a good faith intention to file, an application, petition to deny, or material comments in this proceeding.

"Reviewing Party" means a person who has obtained access to NRUF/LNP Confidential Information pursuant to paragraphs 5 or 8 of this NRUF/LNP Protective Order.

"Support Personnel" means employees of a Reviewing Party's Outside Firm and third-party contractors and employees of third-party contractors who are assisting in this proceeding, provided such persons are involved solely in performing clerical or ministerial functions with regard to documents and information connected with this proceeding, including performing one or more aspects of organizing, filing, coding, converting, storing, or retrieving documents or data or designing programs for handling data connected with this proceeding.

5. *Procedure for Obtaining Access to NRUF/LNP Confidential Information*. Access to NRUF/LNP Confidential Information (including Stamped Highly Confidential Documents) is limited to Outside Counsel of Record, Outside Consultants, their employees and employees of their Outside Firms, and Support Personnel. Any person other than Support Personnel seeking access to NRUF/LNP Confidential Information shall sign and date the Acknowledgment agreeing to be bound by the terms and conditions of this NRUF/LNP Protective Order, and file the Acknowledgment with the Commission, so

[6] This NRUF/LNP Protective Order does not constitute a resolution of the merits concerning whether any information submitted under the NRUF/LNP Protective Order would be released publicly by the Commission upon a proper request under the Freedom of Information Act (FOIA) or otherwise.

that it is received at least five business days prior to such person's reviewing or having access to the NRUF/LNP Confidential Information. Each Wireless Telecommunications Carrier shall have an opportunity to object to the disclosure of its NRUF/LNP Confidential Information to any such person. A Wireless Telecommunications Carrier must file any such objection at the Commission and serve it on Counsel representing, retaining, or employing such person within five business days after that person's Acknowledgment has been filed with the Commission. Until any timely objection is resolved by the Commission in favor of the person seeking access and, if a motion for a judicial stay is timely filed, until such a motion is acted upon, a person subject to an objection from a Wireless Telecommunications Carrier shall not have access to that carrier's NRUF/LNP Confidential Information.[7] If an objection is not timely filed with the Commission, the Commission will nonetheless consider the objection and retains its discretion to prohibit further access to NRUF/LNP Confidential Information by the Reviewing Party until the objection is resolved.

6. *Review of NRUF/LNP Confidential Information.* A Reviewing Party shall contact Catherine Matraves, Catherine.Matraves@fcc.gov, Office of Economics and Analytics, or Susannah Larson, Susannah.Larson@fcc.gov, Wireless Telecommunications Bureau, to receive instructions on how to obtain and review NRUF/LNP Confidential Information. A Reviewing Party may temporarily load onto a computer NRUF/LNP Confidential Information. Once loaded, any files containing NRUF/LNP Confidential Information shall be password protected immediately. The NRUF/LNP Confidential Information may not be stored on a computer after being analyzed. After the analysis is complete, the results of such analysis may be stored by saving the results (but not the original underlying NRUF/LNP Confidential Information) to a mobile data storage medium. All files containing NRUF/LNP Confidential Information shall be deleted from the computer as soon as practicable. The mobile storage medium containing the results shall be stored securely and a record kept of any persons given access to them.

7. *Use of NRUF/LNP Confidential Information*. Persons obtaining access to NRUF/LNP Confidential Information under this NRUF/LNP Protective Order shall use the information solely for the preparation and conduct of this proceeding before the Commission and any subsequent judicial proceeding arising directly from this proceeding and, except as provided herein, shall not use such information for any other purpose, including without limitation business, governmental, or commercial purposes, or in other administrative, regulatory, or judicial proceedings. Should the Commission rely upon or otherwise make reference to the contents of any NRUF/LNP Confidential Information in its decision in this proceeding, it will do so either by redacting any NRUF/LNP Confidential Information from the public version of the decision and by making the unredacted version of the decision available only to a court and to those persons entitled to access to NRUF/LNP Confidential Information under this NRUF/LNP Protective Order or by aggregating the NRUF/LNP Confidential Information such that no information of any Wireless Telecommunications Carrier (other than the Applicants) is revealed.

8. *Permissible Disclosure*. A Reviewing Party may discuss and share the contents of NRUF/LNP Confidential Information with another Reviewing Party, with Support Personnel, as appropriate, and with the Commission and its staff. A Wireless Telecommunication Carrier's own NRUF/LNP Confidential Information may also be disclosed to employees and Counsel of the carrier.

9. *Filings with the Commission*. A Reviewing Party may in any document that it files in this proceeding disclose NRUF/LNP Confidential Information only if it complies with the following procedure. The party shall file in the Commission's Universal Licensing System (ULS) as confidential one copy of the filing containing NRUF/LNP Confidential Information (the "NRUF/LNP Confidential

[7] An objection ordinarily will first be ruled upon by the Wireless Telecommunications Bureau (Bureau). If the Bureau rejects the objection, the objecting party will be provided 10 business days to file an Application for Review with the Commission; if an Application for Review is not filed within that time, the NRUF/LNP Confidential Information shall be made available to the Reviewing Party. If an Application for Review is timely filed and is denied by the Commission, the objecting party will be provided 10 business days to seek a judicial stay of the Commission's Order; if a motion for stay is not filed within that time, the NRUF/LNP Confidential Information shall be made available to the Reviewing Party.

Filing") and an accompanying cover letter. The cover or first page of the NRUF/LNP Confidential Filing and each page of the NRUF/LNP Confidential Filing that contains or discloses NRUF/LNP Confidential Information must be clearly marked "HIGHLY CONFIDENTIAL INFORMATION – SUBJECT TO PROTECTIVE ORDER IN ULS FILE NO. 0010206629 before the Federal Communications Commission." The cover letter shall also contain this legend. The NRUF/LNP Confidential Filing will not be placed in the Commission's public file. The party shall also submit in ULS a copy of the filing in redacted form, *i.e.*, containing no Confidential Information (the "Redacted NRUF/LNP Confidential Filing")[8] The Redacted NRUF/LNP Confidential Filing and the accompanying cover letter shall be stamped "REDACTED – FOR PUBLIC INSPECTION." The cover letter accompanying the Redacted NRUF/LNP Confidential Filing shall state that the party is filing a redacted version of the filing. Each Redacted NRUF/LNP Confidential Filing shall have the same pagination as the NRUF/LNP Confidential Filing from which it is derived. To the extent that any page of the NRUF/LNP Confidential Filing contains any type of Confidential Information and non-confidential information, only the Confidential Information (of whatever type) shall be redacted and the page of the unredacted Confidential Filing shall clearly distinguish among the various types of Confidential Information and the non-confidential information. One copy of each Redacted NRUF/LNP Confidential Filing and the accompanying cover letter must also be sent by email to Susannah Larson, Susannah.Larson@fcc.gov. Parties should not provide courtesy copies of pleadings containing NRUF/LNP Confidential Information to Commission staff unless the Bureau so requests, and any such courtesy copies shall be submitted under seal.

10. *Non-Disclosure of NRUF/LNP Confidential Information*. Except as provided under this NRUF/LNP Protective Order, NRUF/LNP Confidential Information shall not be disclosed further.

11. *Protection of Stamped NRUF/LNP Confidential Information.* A Reviewing Party shall have the obligation to ensure that access to NRUF/LNP Confidential Information is strictly limited as prescribed in this NRUF/LNP Protective Order. A Reviewing Party shall further have the obligation to ensure that NRUF/LNP Confidential Information is used only as provided in this NRUF/LNP Protective Order.

12. *Requests for Additional Disclosure*. If any person requests disclosure of NRUF/LNP Confidential Information outside the terms of this NRUF/LNP Protective Order, such a request will be treated in accordance with Sections 0.442 and 0.461 of the Commission's rules.

13. *Client Consultation*. Nothing in this NRUF/LNP Protective Order shall prevent or otherwise restrict Outside Counsel from rendering advice to their clients relating to the conduct of this proceeding and any subsequent judicial proceeding arising therefrom and, in the course thereof, relying generally on examination of NRUF/LNP Confidential Information; *provided, however*, that in rendering such advice and otherwise communicating with such client, Outside Counsel shall not disclose NRUF/LNP Confidential Information.

14. *No Waiver of Confidentiality*. Disclosure of NRUF/LNP Confidential Information as provided herein by any person shall not be deemed a waiver by any affected party of any privilege or entitlement to confidential treatment of such NRUF/LNP Confidential Information. Reviewing Parties, by viewing this material agree: (1) not to assert any such waiver; (2) not to use NRUF/LNP Confidential Information to seek disclosure in any other proceeding; and (3) that accidental disclosure of NRUF/LNP Confidential Information shall not be deemed a waiver of any privilege or entitlement.

15. *Subpoena by Courts, Departments, or Agencies*. If a court or a federal or state department or agency issues a subpoena for or orders the production of NRUF/LNP Confidential Information that a party has obtained under terms of this NRUF/LNP Protective Order, such party shall

[8] If a party is not able to submit filings via ULS, it must submit two copies each of the NRUF/LNP Confidential Filing and Redacted NRUF/LNP Confidential Filing, along with their respective cover letters, to the Office of the Secretary, Federal Communications Commission, via first-class or overnight U.S. Postal Service mail addressed to 45 L Street, NE, Washington, DC 20554, or via commercial overnight mail addressed to 9050 Junction Drive, Annapolis Junction, MD 20701.

promptly notify the Commission and each affected Wireless Telecommunications Carrier of the pendency of such subpoena or order. Consistent with the independent authority of any court, department, or agency, such notification must be accomplished such that the Commission and each affected Wireless Telecommunications Carrier has a full opportunity to oppose such production prior to the production or disclosure of any NRUF/LNP Confidential Information.

16. *Violations of NRUF/LNP Protective Order.* Should a Reviewing Party violate any of the terms of this NRUF/LNP Protective Order, such Reviewing Party shall immediately convey that fact to the Commission. Further, should such violation consist of improper disclosure of NRUF/LNP Confidential Information, the violating person shall take all necessary steps to remedy the improper disclosure. The Commission retains its full authority to fashion appropriate sanctions for violations of this NRUF/LNP Protective Order, including but not limited to suspension or disbarment of Counsel or Outside Consultants from practice before the Commission, forfeitures, cease and desist orders, and denial of further access to NRUF/LNP Confidential Information in this or any other Commission proceeding. Nothing in this NRUF/LNP Protective Order shall limit any other rights and remedies available to the affected Wireless Telecommunications Carriers at law or in equity against any person using NRUF/LNP Confidential Information in a manner not authorized by this NRUF/LNP Protective Order.

17. *Termination of Proceeding*. The provisions of this NRUF/LNP Protective Order shall not terminate at the conclusion of this proceeding. Within two weeks after conclusion of this proceeding and any administrative or judicial review, Reviewing Parties shall destroy or return to the Commission all NRUF/LNP Confidential Information and all copies of the same. No material whatsoever containing NRUF/LNP Confidential Information may be retained by any person having access thereto, except Outside Counsel and Outside Consultants may retain, under the continuing strictures of this NRUF/LNP Protective Order, two copies of pleadings (one of which may be in electronic format) prepared in whole or in part by that party that contain NRUF/LNP Confidential Information, and one copy of orders issued by the Commission or Bureau that contain NRUF/LNP Confidential Information. All Reviewing Parties shall certify compliance with these terms and shall deliver such certification to the Commission not more than three weeks after conclusion of this proceeding. The provisions of this paragraph regarding retention of NRUF/LNP Confidential Information shall not be construed to apply to the Commission or its staff.

18. *Questions*. Substantive questions concerning this Protective Order should be addressed to Catherine Matraves, Catherine.Matraves@fcc.gov, Office of Economics and Analytics; Susannah Larson, Susannah.Larson@fcc.gov, Wireless Telecommunications Bureau; and Joel Rabinovitz, Joel.Rabinovitz@fcc.gov, Office of General Counsel.

19. *Authority*. This Order is issued pursuant to sections 4(i) and 309 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i) and 309, section 4 of the Freedom of Information Act, 5 U.S.C. § 552(b)(4), and authority delegated under section 0.331 of the Commission's rules, 47 CFR § 0.331, and is effective upon its adoption.

FEDERAL COMMUNICATIONS COMMISSION

Joel Taubenblatt
Chief, Wireless Telecommunications Bureau

APPENDIX A

Acknowledgment of Confidentiality

ULS File No. 0010206629

I hereby acknowledge that I have received and read a copy of the foregoing NRUF/LNP Protective Order in the above-captioned proceeding, and I understand it.

I agree that I am bound by the NRUF/LNP Protective Order and that I shall not disclose or use NRUF/LNP Confidential Information except as allowed by the NRUF/LNP Protective Order.

I acknowledge that a violation of the NRUF/LNP Protective Order is a violation of an order of the Federal Communications Commission. I further acknowledge that the Commission retains its full authority to fashion appropriate sanctions for violations of the Protective Order, including but not limited to suspension or disbarment of Counsel or Consultants from practice before the Commission, forfeitures, cease and desist orders, and denial of further access to NRUF/LNP Confidential Information in this or any other Commission proceeding.

I acknowledge that nothing in the NRUF/LNP Protective Order limits any other rights and remedies available at law or in equity against me if I use NRUF/LNP Confidential Information in a manner not authorized by the NRUF/LNP Protective Order.

I certify that I am not involved in Competitive Decision-Making.

Without limiting the foregoing, to the extent that I have any employment, affiliation, or role with any person or entity other than a conventional private law firm (such as, but not limited to, a lobbying or advocacy organization), I acknowledge specifically that my access to any information obtained as a result of the NRUF/LNP Protective Order is due solely to my capacity as Outside Counsel or Outside Consultant to a Participant or as a person described in paragraph 8 of the foregoing NRUF/LNP Protective Order and agree that I will not use such information in any other capacity.

I acknowledge that it is my obligation to ensure that NRUF/LNP Confidential Information is not duplicated except as specifically permitted by the terms of the Protective Order and to ensure that there is no disclosure of NRUF/LNP Confidential Information in my possession or in the possession of those who work for me, except as provided in the Protective Order.

I certify that I have verified that there are in place procedures at my firm or office to prevent unauthorized disclosure of NRUF/LNP Confidential Information.

Capitalized terms used herein and not otherwise defined shall have the meanings ascribed to them in the NRUF/LNP Protective Order.

Executed this ___ day of _____, 2024.

_____

[Name]

[Position]

[Address]

[Telephone]

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

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DA 24-102
Released: February 6, 2024

ROBOCALL ENFORCEMENT NOTICE TO ALL U.S.-BASED VOICE SERVICE PROVIDERS

FCC Enforcement Bureau Notifies All U.S.-Based Providers of Rules Permitting Them to Block Robocalls Transmitting from Lingo Telecom, LLC

File No. EB-TCD-00036094

By the Chief, Enforcement Bureau:

The Enforcement Bureau (Bureau) of the Federal Communications Commission (FCC or Commission) issues this Public Notice to notify all U.S.-based voice service providers about significant apparently unlawful robocalls originating from or transmitted by Lingo Telecom, LLC (Company or Lingo).[1] **Pursuant to section 64.1200(k)(4) of the Commission's rules, we hereby notify all U.S.-based voice service providers that if Lingo fails to effectively mitigate illegal traffic, including the identified traffic described in the cease-and-desist letter listed below and substantially similar traffic, within 48 hours of the date of this *Public Notice*, U.S.-based voice service providers may block voice calls or cease to accept traffic from Lingo, without liability under the Communications Act of 1934, as amended, or the Commission's rules.**[2]

[1] The Company has also used the following names: Americatel, BullsEyeComm, Clear Choice Communications, Excel Telecommunications, Impact Telecom, Lingo, Lingo Communications, Matrix Business Technologies, Startec Global Communications, Trinsic Communications, and VarTec Telecom. Mich. Dept. of Licensing and Regulatory Affairs, Corps., Sec. & Commercial Licensing Bureau, Lingo Telecom, LLC Assumed Names, https://cofs.lara.state.mi.us/CorpWeb/UAA/UAAAssumedNames.aspx?CID=6C3UB4&PageType=VIEW (last visited Jan. 31, 2024). Matrix Telecom, LLC, changed its name to Lingo Telecom, LLC, effective on or around December 6, 2021. Mich. Dept. of Licensing and Regulatory Affairs, Corps., Sec. & Commercial Licensing Bureau, Lingo Telecom, LLC, https://cofs.lara.state.mi.us/CorpWeb/CorpSearch/CorpSummary.aspx?token=nBxILn58HwVtv4JMRDwTm1cWblopjmzIgq3FCQzRMH7Z0mRAdeXC1B8Va3CnnoIhDhcDYIqcZVi3dnJnNFadHcdniZEijQeGJopTfqFPl7xqod2qV9s3eFoRRs6vbQ31YZ9JKvSoWIBcvAI/0WYMX15VFOuhH0/B2ptav4Vx+pXtHOlGguaG+65R+yK8NLn8H0peRsN54rS2E1h/UFsK0+93HMxX3O6dZnll15QDIzP43EspnSl2cr4bpHjiYIMa7Mr5LIWav3kL6ckNbA+9pHqU0SoLj66u+MAzDwFzfSMw1hQImJv1gZModh1MPjejGmFGt8T7tYaYm7BNoIvy+KJDmSlHZzP7 (last visited Jan. 31, 2024).

[2] 47 CFR § 64.1200(k)(4) (permitting downstream providers to block calls from a notified provider that fails to either (a) effectively mitigate illegal traffic within 48 hours or (b) implement effective measures to prevent new and renewing customers from using its network to originate illegal calls).

Contemporaneous with this *Public Notice*, the Bureau is issuing a cease-and-desist letter to the following voice service provider:[3]

- **Lingo Telecom, LLC**

Lingo apparently originated unlawful spoofed[4] robocalls carrying deepfake[5] prerecorded messages in a voice that was artificially created to sound like U.S. President Joseph R. Biden, Jr.[6] Pursuant to the cease-and-desist letter, Lingo must: (1) promptly investigate the traffic identified in the letter; (2) block or cease accepting the identified traffic and substantially similar traffic on an ongoing basis (unless it determines that the identified traffic is legal and provides a reasonable explanation to support that conclusion); and (3) report the results of the investigation to the Bureau within 14 days of the date of the letter.[7] If Lingo fails to comply with those requirements, the Bureau may ultimately issue a Final Determination Order, which would require downstream voice service providers to block and cease accepting all traffic from Lingo.[8]

The cease-and-desist letter also serves as notice that downstream U.S.-based voice service providers may begin blocking all calls or cease accepting traffic from Lingo after notifying the Commission of their decision and providing a brief summary of their basis for making such a determination, if Lingo either (a) fails to effectively mitigate illegal traffic within 48 hours of the date of this *Public Notice*, or (b) fails to implement effective measures to prevent new and renewing customers from using its network to originate illegal calls within 14 days of the date of this *Public Notice*.[9] **U.S.-based voice service providers may block *ALL* call traffic transmitting from Lingo's network if it fails to act within *either* deadline.**

Purpose. Protecting individuals and entities from the dangers of unwanted and illegal robocalls is the Commission's top consumer protection priority.[10] As part of its multi-pronged approach to combatting illegal robocalls, the Commission has taken steps to encourage voice service providers to block suspected illegal robocalls.[11] The Commission permits blocking of traffic from voice service providers that the

[3] Letter from Loyaan A. Egal, Chief, Enforcement Bureau, to Alex Valencia, Chief Compliance Officer, Lingo Telecom, LLC (Feb. 2, 2024) (Lingo Letter). This letter is available on the Commission's website at https://www.fcc.gov/robocall-facilitators-must-cease-and-desist.

[4] "Spoofing is when a caller deliberately falsifies the information transmitted to your caller ID display to disguise their identity." Fed. Commcn's Comm'n, *Caller ID Spoofing* (last updated Mar. 7, 2022), https://www.fcc.gov/spoofing.

[5] "Deepfake" is defined as "an image or recording that has been convincingly altered and manipulated to misrepresent someone as doing or saying something that was not actually done or said." *Deepfake*, Merriam-Webster (last updated Feb. 24, 2024), https://www.merriam-webster.com/dictionary/deepfake#dictionary-entry-1.

[6] Lingo Letter at 1-2.

[7] *See id.* at 5.

[8] *See* 47 CFR § 64.1200(n)(2)(iii), (n)(3).

[9] *Id.* § 64.1200(k)(4).

[10] *Consumer Guide: Stop Unwanted Robocalls and Texts*, Fed. Commc'ns Comm'n, https://www.fcc.gov/consumers/guides/stop-unwanted-robocalls-and-texts (last visited Jan. 29, 2024) ("Unwanted calls – including illegal and spoofed robocalls – are the FCC's top consumer complaint and our top consumer protection priority.").

[11] *See* 47 CFR § 64.1200(k); *Advanced Methods to Target and Eliminate Unlawful Robocalls*, CG Docket No. 17-59, Third Report and Order, Order on Reconsideration, and Fourth Further Notice of Proposed Rulemaking, 35 FCC Rcd 7614, 7622, para. 19 (2020) (*July 2020 Call Blocking Order*) (establishing safe harbor for blocking traffic from bad-actor upstream voice service providers); *Advanced Methods to Target and Eliminate Unlawful Robocalls; Call Authentication Trust Anchor*, CG Docket No 17-59, WC Docket No. 17-97, Declaratory Ruling and Third Further Notice of Proposed Rulemaking, 34 FCC Rcd 4876, 4887-88, paras. 34-46 (2019) (blocking based on reasonable analytics with consumer op-out and consumer whitelists); *Advanced Methods to Target and Eliminate Unlawful*

(continued….)

Bureau has warned are transmitting suspected illegal robocalls if such voice service providers fail to take appropriate and timely action to mitigate such traffic.[12] The Bureau has issued numerous "cease-and-desist" letters, warning voice providers that they were originating or transmitting suspected illegal robocalls and could be subject to blocking.[13] The Bureau may also ultimately order immediately downstream providers to cease accepting traffic from an upstream provider that does not comply with the Commission's rules.[14]

Nature of Apparently Unlawful Robocall Traffic. Lingo is responsible for apparently originating illegal robocalls that violated the Truth in Caller ID Act and our implementing rules.[15] The calls were placed on Sunday, January 21, 2024——two days before the New Hampshire Presidential Primary Election——and played an apparently deepfake prerecorded message from a voice that was artificially created to sound like President Biden.[16] According to news reports, the caller identification information indicated that the calls came from a phone number that appeared as though it belonged to the spouse of Kathy Sullivan (Sullivan), a former New Hampshire Democratic Party chair who is running a super Political Action Committee (PAC) that led an effort to have New Hampshire Democrats write in President Biden's name in the state's primary election.[17] The message advised potential Democratic voters to *refrain* from voting in the upcoming primary election:

> This coming Tuesday is the New Hampshire Presidential Preference Primary. Republicans have been trying to push nonpartisan and democratic voters to participate in their primary. What a bunch of malarkey. We know the value of voting democratic when our votes count. It's important that you save your vote for the November election. We'll need your help in electing Democrats up and down the ticket. Voting this Tuesday only enables the Republicans in their quest to elect Donald Trump again. Your vote makes a difference in November, not this Tuesday. If you would like to be removed from

Robocalls, CG Docket No. 17-59, Report and Order and Further Notice of Proposed Rulemaking, 32 FCC Rcd 9706, 9709, para. 9 (2017) (blocking of certain categories of calls highly likely to be illegal).

[12] *See July 2020 Call Blocking Order*, 35 FCC Rcd at 7628-29, paras. 36-39; 47 CFR § 64.1200(k)(4).

[13] These letters are available on the Commission's website at https://www.fcc.gov/robocall-facilitators-must-cease-and-desist.

[14] 47 CFR § 64.1200(n)(2)(iii), (3).

[15] *See* 47 U.S.C. § 227(e)(1); 47 CFR § 64.1604(a).

[16] Numerous news outlets have concluded that the recorded voice resembled the voice of President Biden. *See, e.g.*, Alex Seitz-Wald and Mike Memoli, *Fake Joe Biden robocall tells New Hampshire Democrats not to vote Tuesday*, NBC News (Jan. 22, 2024, Updated 11:45 AM EST), https://www.nbcnews.com/politics/2024-election/fake-joe-biden-robocall-tells-new-hampshire-democrats-not-vote-tuesday-rcna134984 ("The call, an apparent imitation or digital manipulation of the president's voice . . . ."); Jacob Rosen, *Fake Biden robocall encourages voters to skip New Hampshire Democratic primary*, CBS News (Jan. 23, 2024, 9:17 AM EST), https://www.cbsnews.com/news/fake-biden-robocall-new-hampshire-primary/ ("A fake robocall impersonating President Biden . . . "); Sasha Pezenik and Brittany Shepherd, *Fake Biden robocall urges New Hampshire voters to skip their primary*, ABC News (Jan. 22, 2024, 8:08 PM EST), https://abcnews.go.com/Politics/fake-biden-robocall-urges-new-hampshire-voters-skip/story?id=106580926 ("A robocall appearing to impersonate the voice of President Joe Biden . . . ."); Em Steck and Andrew Kaczynski, *Fake Joe Biden robocall urges New Hampshire voters not to vote in Tuesday's Democratic primary*, CNN (Jan. 22, 2024, Updated 5:44 PM EST), https://www.cnn.com/2024/01/22/politics/fake-joe-biden-robocall/index.html ("A robocall that appears to be an AI voice resembling President Joe Biden . . . .").

[17] *See* Traceback Consortium Subpoena Response (Jan. 31, 2024) (on file at EB-TCD-24-00036094) (ITG Subpoena Response); *see also* Tiffany Hsu, *New Hampshire Officials to Investigate A.I. Robocalls Mimicking Biden*, N.Y. Times (Jan. 22, 2024), https://www.nytimes.com/2024/01/22/business/media/biden-robocall-ai-new-hampshire.html ("Ms. Sullivan said recipients of the unauthorized robocalls saw her husband's name in their caller ID and were given her personal cellphone number to call to request removal from the call list.").

> future calls, please press two now. Call {[ ]}[18] to be removed from future calls.[19]

The Bureau's investigation, conducted in coordination with the New Hampshire Attorney General, the bipartisan Anti-Robocall Multistate Litigation Task Force (Task Force),[20] and USTelecom's Industry Traceback Group (ITG),[21] revealed Lingo as the originating provider for these calls.[22] The ITG notified Lingo of these calls and provided the Company with supporting data identifying each call.[23] Lingo identified an entity named Life Corp. (Life) as the party initiating the calls.[24] Lingo did not contest the illegality of the calls and purported to warn Life.[25] Artificial intelligence technology was apparently used to generate the artificial prerecorded voice message.[26] The caller also apparently "spoofed" the calls to have a number associated with Sullivan displayed in the caller ID field.[27]

This is not the first time Lingo and Life have been subjects of an illegal robocall investigation. Since 2021, the ITG has identified Lingo as the gateway provider responsible for 61 suspected illegal calls originating overseas that entered the United States.[28] On August 21, 2022, the Task Force issued Lingo a Civil Investigative Demand to identify, investigate, and mitigate suspected illegal call traffic transmitting from its network.[29] On August 23, 2022, the Federal Trade Commission issued Matrix Telecom, LLC, which was Lingo's prior corporate name, a Cease and Desist Demand that identified numerous illegal

[18] Material set off by double brackets {[ ]} is confidential and is redacted from the public version of this document.

[19] *See* ITG Subpoena Response.

[20] The Anti-Robocall Multistate Litigation Task Force is a 51-member collective of state Attorneys General—led by the Attorneys General of Indiana, North Carolina, and Ohio—that is focused on actively investigating and pursuing enforcement actions against various entities in the robocall ecosystem that are identified as being responsible for significant volumes of illegal and fraudulent robocall traffic routed into and across the country.

[21] The ITG is the registered industry consortium selected pursuant to the TRACED Act to conduct tracebacks. *See* Implementing Section 13(d) of the Pallone-Thune Telephone Robocall Abuse Criminal Enforcement and Deterrence Act (TRACED Act), EB Docket No. 20-22, Report and Order, DA 23-719, 2023 WL 5358422, at *1, para. 1 (EB Aug. 18, 2023).

[22] ITG Subpoena Response, *supra* note 17; *see also* Attachment A (identifying the calls).

[23] *Id.*

[24] *Id.*

[25] *Id.*

[26] Pindrop, *Pindrop Reveals TTS Engine Behind Biden AI Robocall*, https://www.pindrop.com/blog/pindrop-reveals-tts-engine-behind-biden-ai-robocall (last visited Jan. 27, 2024) (concluding ElevenLabs Inc.'s text-to-speech engine generated the audio clip); *see also Watch: White House holds briefing amid reports of AI-generated robocalls impersonating Biden in New Hampshire*, PBS News Hour (Jan. 22, 2024, Updated 3:51 PM EST), https://www.pbs.org/newshour/politics/watch-live-white-house-holds-daily-briefing-as-biden-and-harris-focus-on-reproductive-rights ("White House press secretary Karine Jean-Pierre confirmed Monday that the call 'was indeed fake and not recorded by the president.'").

[27] *See* ITG Subpoena Response, *supra* note 17; Tiffany Hsu, *New Hampshire Officials to Investigate A.I. Robocalls Mimicking Biden*, N.Y. Times (Jan. 22, 2024), https://www.nytimes.com/2024/01/22/business/media/biden-robocall-ai-new-hampshire.html.

[28] *See* ITG Portal, Lingo Hops Report (Jan. 28, 2024) (on file at EB- TCD-24-00036094).

[29] *See* Letter from Tracy Nayer, Special Deputy Attorney General, North Carolina Dept. of Justice, to Lingo Telecom, LLC (Nov. 3, 2023), https://ncdoj.gov/wp-content/uploads/2023/11/State-AG-Task-Force-NOTICE-Letter-to-LINGO.pdf (Task Force Letter).

calls that the company was apparently transmitting.[30] On November 3, 2023, after observing that Lingo continued to transmit suspected illegal traffic, the Task Force further demanded that Lingo take steps to protect its network.[31] With regards to Life, more than two decades ago, in 2003, the FCC issued Life a citation for delivering apparently illegal prerecorded and unsolicited advertisements to residential lines.[32]

Contact Information. For further information, please contact Raul Rojo, Attorney Advisor, Telecommunications Consumers Division, Enforcement Bureau, FCC, at Raul.Rojo@fcc.gov or (202) 418-1336; and cc: to Kristi Thompson, Division Chief, Telecommunications Consumers Division, Enforcement Bureau, FCC, at kristi.thompson@fcc.gov.

ENFORCEMENT BUREAU
Loyaan A. Egal
Chief

[30] *See* Letter from Jon Miller Steiger, Regional Director, Bureau of Consumer Protection, Fed. Trade Comm'n, to Matrix Telecom, LLC (Aug. 23, 2022), https://www.ftc.gov/system/files/ftc_gov/pdf/pointofnoentry-matrixtelecomcdletter.pdf; Lingo Name Change, *supra* note 1.

[31] *See* Task Force Letter.

[32] Citation from Kurt Schroeder, Deputy Chief, Enforcement Bureau, to Life Corporation (July 29, 2003).

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov
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DA 24-103
Released: February 6, 2024

WIRELINE COMPETITION BUREAU REMINDER OF FEBRUARY 8, 2024 ENROLLMENT FREEZE FOR THE AFFORDABLE CONNECTIVITY PROGRAM

WC Docket No. 21-450

In this Public Notice, the Wireline Competition Bureau (Bureau) reminds providers, eligible households, and all other Affordable Connectivity Program (ACP) stakeholders of the upcoming enrollment freeze beginning Thursday, February 8, 2024. To receive the ACP benefit, eligible households must be enrolled in the program by February 7, 2024 at 11:59 p.m. ET.[1] The ACP is the largest and most successful broadband affordability program in our nation's history and helps more than 23 million low-income households, across rural, suburban, and urban America obtain the internet service they need to access health care, work, educational opportunities, and more. Even with news of the program's projected end in around April 2024, the ACP has remained popular as more households continued to enroll in the program each month.

The ACP funding appropriated by Congress is finite and, without additional appropriated funding, April 2024 is currently projected to be the last month for which the ACP can fully reimburse providers for the benefits passed through to enrolled households.[2] To manage the end of the ACP, the Bureau announced the need to stop new enrollments on February 8, 2024 to ensure an orderly transition and to preserve the remaining ACP funding.[3] Concurrent with the last day of ACP enrollments, the Bureau and USAC will also stop reviewing new provider applications and election notices on February 7, 2024 at 6:00 p.m. ET.[4]

Eligible low-income households that wish to enroll in the ACP must have a qualified application and enroll in the program with their preferred provider by February 7, 2024 at 11:59 p.m. ET.[5] At the start of the enrollment freeze, both the paper and electronic ACP applications will be removed and no longer accessible.[6] All ACP households enrolled at the time of the enrollment freeze will be able to remain enrolled and participate pursuant to program rules through the final month of ACP service.[7]

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[1] *Affordable Connectivity Program*, Order, DA 24-23, at 8, para. 21 (WCB Jan. 11, 2024) (*ACP Wind-Down Order*).

[2] The Bureau will confirm the end of the last fully funded month approximately 60 days in advance. *See ACP Wind-Down Order* at 4, para. 8. Based on current projections, we anticipate the last fully funded month to be April 2024 and anticipate this announcement will occur in late February 2024. *Id.* However, this date is an estimate and subject to change. *Id.*

[3] *ACP Wind-Down Order* at 8, para. 21.

[4] *Id.* at 13, para. 32.

[5] *See id.*

[6] *Id.* at 8, para. 22.

[7] *See id.* at 8-9, paras. 21-22.

Households that are de-enrolled from the program, such as for failure to use their ACP-supported service as required under the Commission's rules, will not be able to re-apply or re-enroll in the ACP during the enrollment freeze.[8]

The Federal Communications Commission (FCC) and the Universal Service Administrative Company (USAC), the ACP administrator, have taken a number of steps to ensure that consumers are aware of the ACP enrollment freeze and projected end of the ACP. The FCC and USAC have updated consumer-facing webpages such as fcc.gov/ACP and AffordableConnectivity.gov and the consumer application portal at GetInternet.gov to include prominently displayed information regarding the enrollment freeze and other important information about ACP wind-down. USAC has also updated its consumer communications concerning the application and enrollment processes to include information about the enrollment freeze and deadline for enrolling. The FCC and USAC have also hosted webinars and office hours for providers and outreach partners about the ACP wind-down. At the Bureau's direction, beginning in early February and continuing through April, USAC is issuing written notices to all enrolled households about the ACP wind-down. These consumer notices complement the required provider written notices to ACP participants[9] and will include information about the program's expected end date and direct consumers to consult AffordableConnectivity.gov and their service providers to learn more about how the end of the ACP will impact their broadband service and bill.

The *ACP Wind-Down Order* requires participating broadband providers to notify ACP households with at least three written notices about the wind-down of the program.[10] Providers were required to send the first of these notices by January 25, 2024.[11] The additional required consumer notices will provide more specificity and must advise ACP households of program termination and the potential impact on their broadband service and bills, including the date of the last bill on which the full ACP benefit will be applied and the amount that the household will be billed for the service once the full ACP benefit is no longer available or that the household will be subject to the provider's undiscounted rates and general terms and conditions after the end of the ACP.[12] The consumer notices must also remind ACP households of their right to change their service or opt out of continuing their service at the end of the ACP.[13] The Bureau, in coordination with USAC, will be reviewing provider compliance with the notice requirements to ensure that households are being given ample notice about the end of the ACP and impact on their bill. Service providers are highly encouraged to attend USAC webinars and office hours regarding ACP wind-down to learn more about and get answers to any questions they may have concerning compliance with ACP wind-down requirements.[14]

For further information about the Public Notice, contact Negheen Sanjar, Attorney Advisor, Telecommunications Access Policy Division, Wireline Competition Bureau at (202) 418-7390 or by email at Negheen.Sanjar@fcc.gov.

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[8] *See e.g.* 47 CFR § 54.1809

[9] *Id.* at 5-6, para. 12.

[10] *Id.*

[11] *Id.*

[12] *Id.*

[13] *Id.*

[14] To learn more about USAC webinars and office hours and to access previous recorded sessions, visit https://www.usac.org/about/affordable-connectivity-program/affordable-connectivity-program-learn/.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Third Local Number Portability Administrator Selection Process	)	WC Docket No. 23-337
	)	

ORDER

Adopted: February 6, 2024 **Released: February 6, 2024**

By the Chief, Wireline Competition Bureau:

1. In this Order, the Wireline Competition Bureau (Bureau) adopts the process for selecting the entity that will serve as the Local Number Portability Administrator (LNPA) at the conclusion of the contract with the present LNPA, iconectiv, LLC (iconectiv). As a complement to this action and to ensure the continued and efficient provision of LNPA services for consumers, the Bureau approves the contract extension under which iconectiv will remain the LNPA during the selection process.

I. BACKGROUND

2. The Federal Communications Commission (Commission) is responsible for the administration of telephone numbers, pursuant to section 251(e)(1) of the Communications Act of 1934, as amended (Act).[1] Congress directed the Commission to "create or designate one or more impartial entities to administer telecommunications numbering and to make such numbers available on an equitable basis."[2] One of the Commission's numbering administration functions involves local number portability, which promotes consumer choice and competition by allowing consumers to keep their phone numbers when they switch providers, a process referred to as porting. The LNPA plays an important role in this process by managing the system, known as the Number Portability Administration Center/Service Management System (NPAC/SMS), that makes such porting possible.[3]

3. Pursuant to Commission directive and subject to Commission oversight, North American Portability Management, LLC (NAPM) contracts with the LNPA for LNPA services, and provides continuing management and oversight of the numbering administration process. NAPM is an industry consortium generally open to all wireline (including interconnected Voice over Internet Protocol) and Commercial Mobile Radio Service providers that currently port numbers or state that they intend to port numbers within six months of admission.[4] NAPM has served in this role since the inception of the

[1] 47 U.S.C. § 251(e)(1).

[2] *Id.*

[3] *Telcordia Technologies, Inc. Petition to Reform Amendment 57 and to Order a Competitive Bidding Process for Number Portability Administration* et al., Order, 30 FCC Rcd 3082, 3085, paras. 1, 6 (2015) (*LNPA Selection Order*), *aff'd sub nom, Neustar Inc. v. FCC*, 857 F.3d 886 (D.C. Cir. 2017) (*Neustar v. FCC*). The NPAC/SMS (typically referred to simply as the NPAC) consists of hardware and software platforms that host a national information database and serve as the central coordination point of local number portability (LNP) activity. *Id.* at 3085, para. 6.

[4] *LNPA Selection Order*, 30 FCC Rcd at 3164-65, paras. 193-95; *Telcordia Technologies, Inc. Petition to Reform Amendment 57 and to Order a Competitive Bidding Process for Number Portability Administration* et al., Order, 31 FCC Rcd 8406, 8423-24, 8430, paras. 44-46, 62 (2016) (*LNPA Approval Order*). With regard to NAPM's

(continued….)

LNPA[5] and was the originator of all procurement documents (all subject to Commission approval), as well as the initial evaluator of competing bids, in the last selection process.[6]

4. In this Order, we establish the requirements and procedures for the selection of the next LNPA. The Commission selected iconectiv (previously known as Telcordia Technologies, Inc. d/b/a iconectiv)[7] to serve as the LNPA in 2015, and iconectiv began operating as the LNPA after a transition process away from the previous administrator was completed in May 2018.[8] The current contract between NAPM and iconectiv is set to expire on May 25, 2025, if NAPM elects the second of two one-year contract extension options available to it.[9] To ensure continuity of numbering administration during the selection process and transition to the next LNPA,[10] NAPM and iconectiv have proposed a contract amendment that extends their current contract until May 2031, with two potential additional option years, along with a number of contractual amendments that would apply during the extension period and that were the product of negotiations between iconectiv and the NAPM.[11]

5. On October 10, 2023, the Bureau opened this proceeding to seek comment on the process to select the next LNPA so as to ensure that the LNPA and the NPAC continues to function as an efficient and secure database and in a manner that is consistent with the Commission's rules and the evolving communications industry.[12] The Bureau also sought comment on the related proposed contract extension.[13]

II. SELECTION PROCESS

6. Pursuant to our authority in section 251(e)(1) of the Act, we adopt the selection process described in the *Notice*.[14] We find that doing so will allow for a thorough, comprehensive selection

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membership requirements, *see* NAPM, Membership, https://napmllc.org/membership/ (last visited Feb. 5, 2024). We note that the NPAC's processes and procedures (which will likely form the basis for the Request for Proposal (discussed below)), have been subject to input from a wide variety of stakeholders for a number of years. *See* NPAC, *NPIF – Number Portability Industry Forum*, https://workinggroup.numberportability.com/ (last visited Feb. 5, 2024).

[5] *See LNPA Approval Order*, 31 FCC Rcd at 8424, para. 46.

[6] *LNPA Selection Order*, 30 FCC Rcd at 3086-90, paras. 9-12; *Petition of Telcordia Technologies Inc. to Reform or Strike Amendment 70, to Institute Competitive Bidding for Number Portability Administration and to End the NAPM LLC's Interim Role in Number Portability Administration Contract; Telephone Number Portability*, WC Docket No. 09-109, CC Docket No. 95-116, Order, 26 FCC Rcd 6839, 6843, 6846-47, para. 17, Att. A (WCB 2011) (*2011 LNPA Selection Process Order*).

[7] Telcordia Technologies, Inc. was subsequently converted to a limited liability company under the name iconectiv, LLC.

[8] Press Release, FCC, FCC Announces Successful Transition to New Administrator for Number Porting System (May 29, 2018) (*LNPA Transition Announcement*) https://docs.fcc.gov/public/attachments/DOC-351062A1.pdf.

[9] NAPM's contract with iconectiv is in the form of seven different Master Services Agreements (MSA), one for each of seven regions. *LNPA Approval Order* 31 FCC Rcd at 8407, n.4. For convenience, we refer to these seven MSAs collectively as a single contract.

[10] For convenience, we will refer to this as selecting and potentially transitioning to the "next" LNPA, despite the possibility that the process might result in the selection of iconectiv, which is also the current LNPA.

[11] Letter from Todd D. Daubert, Counsel to North American Portability Management LLC, to Marlene Dortch, Secretary, FCC, WC Docket No. 23-337 (filed Oct. 10, 2023) (NAPM Draft Contract Extension Filing). The proposed extension and other amendments that, among other things, amend the term of the contract are referred to herein as "the extension."

[12] *Third Local Number Portability Administrator Selection Process*, WC Docket No. 23-337, Public Notice DA 23-940 (WCB Oct. 10, 2023) (*Notice*).

[13] *Id.* at 5-6.

process for the next LNPA. As part of that process, we conclude that NAPM, an organization with significant experience in LNPA selection recommendation, management, and oversight matters and subject to full Commission oversight,[15] should develop selection criteria and contractual documents governing the LNPA selection process for consideration by the Bureau. The Bureau will play an active role during these development processes. Ultimately, all selection documents must be approved by the Bureau prior to release by NAPM. When directed, NAPM must provide to Bureau representatives any information submitted by any party in the selection process.[16]

7. *Process Steps*. The process that we adopt consists of the following phases and steps, which are described in detail in the *Notice*:[17]

- Request for Information (RFI) and Request for Qualifications (RFQ)[18] Development, Response, and Evaluation Phase
  - *Development and Issuance of RFI and RFQ*
  - *Response period for RFI and RFQ*
  - *Evaluation of RFQ responses*
- Request for Proposal (RFP)[19] Development, Response, and NAPM Evaluation Phase
  - *Development of RFP*
  - *Comment period on RFP*
  - *Finalization of RFP*
  - *Response period for RFP*
  - *NAPM evaluation of RFP responses and submission of recommendation to the Commission*
- Commission LNPA Selection Phase
  - *Comment period on NAPM recommendation*
  - *Commission evaluation of record*
  - *Further Commission analysis of NAPM's recommendation*

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[14] The Commission has delegated authority to oversee the LNPA contract, or other issues related thereto, to the Wireline Competition Bureau, with support from the Office of General Counsel. *LNPA Approval Order*, 31 FCC Rcd at 8431, para. 63; 47 CFR §§ 0.91 and 0.291.

[15] *LNPA Approval Order*, 31 FCC Rcd at 8423-24, 8430, paras. 44-46, 62.

[16] No party objected to the involvement of NAPM in the selection process. NetNumber objects to particular statements in NAPM's reply comments that we discuss below, but does not appear to object to NAPM's involvement as a general matter. *See* Letter from Steven A. Augustino, Counsel to NetNumber, Inc., to Marlene Dortch, Secretary, FCC, WC Docket No. 23-337 (filed Dec. 8, 2023) (NetNumber Ex Parte).

[17] This process is a streamlined version of the informal adjudicatory process, upheld by the United States Court of Appeals for the D.C. Circuit, that the Commission used during the last LNPA selection proceeding. *Neustar v. FCC*. As the D.C. Circuit concluded regarding that last selection proceeding, "agencies may use informal adjudications when they are not statutorily required to engage in the notice and comment process or to hold proceedings on the record." *Id.*, 857 F.3d at 893 (internal quotation marks omitted) ("[T]he FCC may, in keeping with the statute, choose to use informal adjudication to select an administrator". *Id.* at 894. Neither of the former is applicable to the selection of the LNPA.

[18] The RFI will be intended to gather information primarily about potential beneficial changes that parties believe could be brought to LNPA operations. The RFQ will seek expressions of interest in serving as the LNPA, and will collect basic qualification information for NAPM and the Bureau to consider in determining whether a party expressing interest is facially qualified to serve as the LNPA. We anticipate that the RFQ will require a basic showing regarding the party's willingness to accept key contractual terms such as security requirements, as well as demonstrations of its financial stability and neutrality. *See Notice* at 3.

[19] The Request for Proposal will be the set of documents seeking formal bids from entities seeking to serve as the LNPA. *See Notice* at 3.

- *Release of an order on NAPM's recommendation*
- *NAPM negotiates contract with the LNPA selectee and files it with the FCC*
- *Issue order approving the contract*

8. We also adopt the caveats regarding potentially truncating this process that we proposed in the *Notice*. First, in light of the significant commitment of resources from both the Commission and NAPM to conduct the RFP phase of the selection process, the Bureau will not conduct the RFP phase if only one eligible party responds to the RFQ to express interest in serving as the LNPA and demonstrate their qualifications to serve as the LNPA.[20] Similarly, even if the Bureau issues the RFP, it is possible that only one eligible party will ultimately respond. In both cases, at the direction and oversight of the Bureau, NAPM will immediately begin negotiating the LNPA contract with the single responding party. After NAPM and the responding party complete negotiations, the Bureau will seek comment on NAPM's recommendation and the contract, and will ultimately issue an Order appointing the party as the LNPA.[21] No commenter objected to this approach.

9. We decline to adopt NetNumber's proposal that we seek public comment on RFQ submissions as part of evaluating such submissions.[22] At this time, we expect the identity of RFQ respondents, as well as the contents of their submissions, to be highly confidential due to their sensitive business nature. As a result, we believe that there would be limited value to conducting a comment process given the restrictions on access to such information[23] and would add additional time and complexity to the RFQ evaluation process. We note that parties will have a full opportunity to provide relevant information regarding NAPM's recommended selection prior to the Commission approving or rejecting the recommendation.

10. No other party suggested adding or eliminating specific steps in our proposed selection process, and CTIA and USTelecom explicitly support the process as proposed.[24] We did, however, receive comments suggesting how various steps of the process should be conducted, such as NetNumber's suggestion that in reviewing RFI responses, "[t]he Commission should examine each proposed improvement with a goal of improving the users' ability to efficiently and meaningfully utilize LNPA data."[25] We agree. The Bureau can examine proposed improvements or requirements in the RFQ and RFP phases.[26] For example, while the primary function of the NPAC is to serve as the central coordination point of local number portability (LNP) activity, we can consider improvements in the form of additions or changes to NPAC data products that are made available to non-service providers on a limited use case basis (some known as "ancillary services")[27] at the appropriate time during the selection

[20] *Notice* at 4. In order to ensure a fully transparent process, we adopt our related proposal, unopposed by any commenter, that no party, including iconectiv, will be eligible to submit a proposal in response to the RFP if that party did not submit a response to the RFQ by the relevant deadline. *Id.* at 3.

[21] *Id.* at 4.

[22] NetNumber Comments at 3-4.

[23] *See Third Local Number Portability Administrator Selection Process*, WC Docket No. 23-337, Protective Order, 5, para. 7 (WCB Oct. 10, 2023) (*Protective Order*) (limiting access to highly confidential information to outside counsel of record, outside consultants, their employees and employees of their outside firms, and support personnel).

[24] CTIA/USTelecom Comments at 4-5.

[25] NetNumber Comments at 2.

[26] *See*, *e.g.*, Tel-Lingua Comments at 6, 8-10, 12; Tel-Switch Comments at 5-6; Telnyx Reply at 2-4 (advocating for the next LNPA to use open source software for the NPAC to, among other things, potentially shorten any subsequent LNPA transition period).

[27] For a description of these products and use cases, including data provided to Providers of Telecom-Related Services, *see* iconectiv, Permitted Use, https://numberportability.com/about/permitted-use (last Feb. 5, 2024).

(continued….)

process.[28] To aid our consideration, we invite parties to expand upon these suggestions, as well as requests for how the NPAC should be operated in the future, in response to the RFI (to inform the RFP), and in response to the draft RFP.[29]

11. *Applicability of RFP Responses.* We stated in the *Notice* that, should iconectiv's response to the RFP contain more favorable rates, terms, or conditions than those in iconectiv's proposed contract extension, iconectiv will be bound by its commitments in the RFP for the period to which the proposed extension applies.[30] We clarify that iconectiv's, or any party's, RFP response/offer will apply solely to the years that are explicitly stated in their RFP response/offer and will not retroactively apply to years not explicitly stated in such responses/offers.[31]

12. *Timing*. In the *Notice*, we also provided estimates of the time it may take to conduct the various steps in the selection process as a guide for parties to better understand the process and invited comment on such estimates, which we noted may vary depending on circumstances.[32] We have taken the comments that we received in this regard under advisement.[33] We also provided these estimates to explain the length of the proposed contract extension. We discuss comments about our estimated time periods with respect to the length of the contract extension below.

13. *Commission Oversight.* As proposed, to carry out its duty under section 251(e) of the Act to designate numbering administrators, the Commission will continue to maintain ultimate oversight and control over the current and any new LNPA contract, including any necessary transition to a new LNPA.[34]

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Commenters suggest, for example, additional detail in data provided for Telephone Consumers Protection Act compliance purposes. (Tel-Switch Comments at 4).

[28] Somos requests that the Commission "clarify that any member of the NAPM, or any affiliate of a member, is ineligible to bid on the LNPA contract unless the NAPM member is recused from any participation in the bidding process." Somos Comments at 4. We decline to adopt the blanket clarification requested by Somos. While we anticipate that we would address any specific concerns about a bidder's neutrality on a case-by-case basis, we observe that, as discussed above, by definition, a NAPM member must either be a telecommunications carrier or interconnected VoIP provider and therefore would be ineligible to serve as the LNPA and likely have a conflict of interest barring simultaneous participation in NAPM's role in the LNPA selection process. *See* NAPM, Membership, https://napmllc.org/membership/.

[29] NetNumber raises concerns regarding certain statements made by NAPM in its Reply that NetNumber interprets as intending to provide an undue incumbent preference to iconectiv. NetNumber Ex Parte at 1-2. While we decline to characterize the intent of NAPM's statements, we affirm that we are committed to an open and fair selection process and will exercise our own independent judgment pursuant to our oversight authority, as discussed herein. NetNumber will have a chance to file a response to the RFI (and RFQ) and comment both on the RFP (should NetNumber believe its design unreasonably favors iconectiv) and NAPM's recommended LNPA when the Commission seeks comment on such recommendation. We encourage NetNumber and any other party to file responses/comments on such matters.

[30] *Notice* at 5.

[31] iconectiv Comments at 1-2.

[32] *Notice* at n.14 and 4.

[33] *See*, *e.g.*, NetNumber Comments at 4 (suggesting that more than three months may be necessary to respond to the RFP). Although some parties state that the believe that the process, overall, is too long, none raised issues with the expected length of any particular part of the process other than the potential transition to a different LNPA at the end of such process, which we discuss in Section III, below. *See*, *e.g.*, David R. Hughes & Lisa Poulter Comments at 1, Somos Comments at 4-6, Tel-Lingua Comments at 4-6; Telnyx Reply at 2.

[34] *Notice* at 4-5; 47 U.S.C. § 251(e). Telnyx states that NAPM should be able to operate "independently" and with "autonomy." Telnyx Reply Comments at 4. We decline to take any steps in that regard. To the extent that Telnyx seeks greater independence for the NAPM with respect to the contractual selection process, we note that Telnyx proposes no specific modifications to the roles of the Commission, Bureau, and NAPM with regard to that process.
(continued….)

The Commission's work on this matter prior to the final selection of the LNPA will be conducted by the Bureau pursuant to its existing delegated authority.[35] The Bureau will consult with other agency staff, including the Public Safety and Homeland Security Bureau and the Office of General Counsel, as necessary, throughout the process.

III. CONTRACT EXTENSION

14. To enable the next LNPA selection process that we adopt here, we approve the extension proposed by NAPM and iconectiv, subject to a condition described below.[36] With this extension, the current contract, rather than expiring May 25, 2025, would be extended until May 2031, with two potential additional option years, along with additional contractual amendments that were the product of a negotiation process.[37] Based on our past experience, we believe that an extension of this length is reasonable and prudent, particularly in light of its public interest benefits. CTIA and USTelecom, trade associations representing a substantial number of the service providers that are NPAC users and that help support the LNPA's operations through contributions, support the extension as proposed.[38]

15. The selection process that we adopt above may span up to five years and allows for a three-year transition period if a new LNPA is selected. Consequently, we find it is necessary and in the public interest that the contract extension term be long enough to ensure the continued functioning of the LNPA without potential for interruption during the selection process.[39] As explained in the *Notice*, the streamlined selection process we adopt is modeled after the previous process, which took more than five years to complete.[40] While it is true that the Commission has experience conducting a selection process that may result in a change of the LNPA,[41] our experience has also taught us that it is crucial to a comprehensive selection to diligently conduct critical steps of the selection process, such as seeking and reviewing responses to the RFI and RFQ. Considering the responses to the RFI and RFQ and developing an RFP will be a lengthy process, particularly if the RFP incorporates the operational and product improvements and any other modifications suggested by some commenters.[42] Moreover, we cannot significantly reduce the response time for potential bidders (in fact, one commenter suggests a longer response time[43]) without eliminating potential competitive options for the LNPA. While this process

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Further, we decline to deviate from the Commission's prior directive that the contractual selection remain subject to Commission oversight. *See LNPA Approval Order*, paras. 45-46, 62. To the extent that Telnyx's request concerns matters outside of the contract extension and next LNPA selection process, it is beyond the scope of this Order.

[35] *See* 47 CFR §§ 0.91 and 0.291. The Bureau acted on similar delegated authority in the most recent LNPA selection process. *See LNPA Selection Order*, 30 FCC Rcd at 3164, para. 193.

[36] We do so pursuant to delegated oversight authority to review "material changes" to the contract. *See LNPA Approval Order*, 31 FCC Rcd at 8423-24, para. 45.

[37] NAPM Draft Contract Extension Filing at 1-2. The option years come in the form of two separate years in which the contract automatically renews unless either party elects to terminate the contract with the required minimum notice.

[38] CTIA/USTelecom Comments at 2-3.

[39] CTIA and USTelecom recognize the potential length of this process and support and an extension long enough to allow for it. *See* Letter from Diana Eisner, Vice President Policy & Advocacy, USTelecom—The Broadband Association and Amy E. Bender, Vice President, Regulatory Affairs, CTIA, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-337 (filed Dec. 20, 2023).

[40] *Notice* at 2-3, 5 n.21.

[41] *See* Somos Comments at 5.

[42] *See*, *e.g.*, NetNumber Comments at 3-4; SCJVentures Comments at 1-2; Tel-Switch Comments at 4-6; Tel-Lingua Comments at 6, 8-10.

[43] NetNumber Comments at 4.

might not be the first time that multiple bids have been considered after the LNPA has been operational, the current selection process could result in more than two bidders, which would add an element of complexity not present in the last selection process.

16. In addition to this five-year period to select and approve the contract for the new LNPA, we believe it is reasonable for the extension to allow for a three-year transition period should a transition to an entity other than iconectiv be required. The previous transition period between the 2016 *LNPA Approval Order* and the May 25, 2018 final cutover date required an extraordinary commitment of resources that began in mid-2015, in accordance with the *LNPA Selection Order*.[44] Further, that transition period was motivated by significant annual cost savings in transitioning LNPA services from the previous administrator to iconectiv.[45] In light of these considerations, we believe it prudent to allow for up to a three-year transition period from the date of our order approving the new contract.

17. There are multiple public interest benefits to the extension. The most critical is certainty that LNPA services will continue to be provided without potential for interruption for the length of the selection and any potential transition process. In addition, the additional years of the contract (after it would have expired in May 2025) will be offered at a substantial cost savings as compared to the current LNPA contract, providing for an average mid-seven-figure annual fee reduction for the additional years of the contract.[46] Although the service providers that bear these costs will be the initial direct beneficiaries, we expect some portion of the savings could be passed on to their customers. Under the negotiated contract extension terms, iconectiv is also required to make significant investments to modernize its data centers.[47] These investments will enhance the reliability of the NPAC, which has been identified as critical infrastructure.[48] iconectiv will also be obligated to provide a $120,000 administrative fee to NAPM that would be used to offset NAPM's expenses.[49] This reduction in NAPM's expenses would not only lower the third-party expenses of current NAPM members (who fund such expenses), but also the expenses of prospective members, which may improve the diversity of NAPM and its ability to manage the LNPA contract.

18. We acknowledge that iconectiv also benefits from the extension.[50] iconectiv is provided contractual certainty during the selection process, although such certainty is not designed to last longer than the necessary period to transition to a different LNPA. The proposed extension also makes changes favorable to iconectiv primarily regarding: performance security (bonds), audit procedures for pricing of ancillary services, service level requirements, and the "Gateway Evaluation Process" (similar to service level requirements, but measured over a longer period of time).[51] No party has objected to any specific

[44] *See LNPA Selection Order*, 30 FCC Rcd at 3150-51, paras. 158-59; Letter from Todd D. Daubert, Counsel to the NAPM LLC, to Marlene H. Dortch, Secretary, FCC, WC Docket Nos. 07-149 and 09-109, CC Docket No. 95-116 (filed June 1, 2015).

[45] With regard to previous potential cost savings, *compare* Letter from John T. Nakahata, Counsel to Telcordia Technologies, Inc. d/b/a iconectiv, to Marlene H. Dortch, Secretary, FCC, CC Docket No. 95-116, WC Docket Nos. 07-149, 09-109, at 3 (Mar. 25, 2015) (less than $1 billion for contract, or $143 million per year) *with* NeuStar, Inc. Form 10-K at 8 (Feb. 29, 2016) ($496 million in 2015).

[46] NAPM Draft Contract Extension Filing at 1. Service providers fund these fees. *See* 47 CFR § 52.32.

[47] NAPM Draft Contract Extension Filing at 1.

[48] *LNPA Selection Order*, 30 FCC Rcd at 3134-35, para. 122 (referring to the NPAC as critical infrastructure).

[49] NAPM Draft Contract Extension Filing at 1.

[50] NAPM Reply at 2.

[51] NAPM Draft Contract Extension Filing at 1.

benefits to iconectiv other than the length of the extension,[52] although Somos generally argues that the extension should be "under the same basic terms and conditions of the original contract."[53] Without reaching the question of what constitutes the same basic terms and conditions, we note that the public interest benefits of the extension, such as the lower pricing and the obligation to modernize the data centers, are significant and appropriate for an extension long enough to enable even the shortest of selection processes. It is therefore not unreasonable for iconectiv, in turn, to receive benefits beyond mere contractual certainty.

19. Based on the considerations discussed above regarding the necessary length of the selection process and prudent allowance for any potential transition process, we reject claims that the length of the extension is unreasonable. Without providing specific suggestions for changes, Somos argues that the length is excessive because the Commission has already "laid the groundwork" for a competitive selection process such as the one we adopt herein, claiming that we can eliminate procedural steps.[54] Telnyx makes a similar argument regarding past industry experience.[55] Neither Somos nor Telnyx, however, identify any particular steps that could be eliminated or explain how any steps that we undertake could be shortened or by how long. Another commenter asserts that the selection process is too long without any analysis of how it could be made shorter, particularly without sacrificing the specific objectives of each step of the process.[56]

20. Although Tel-Lingua does not explicitly oppose the length of the extension, Tel-Lingua does argue that the length of the potential transition to a new LNPA, one of the bases for the need extension, should not be assumed to be three years. Specifically, Tel-Lingua argues that the complexity of the previous transition was based on the need for service providers to move the circuits directly connecting their networks to Neustar's NPAC servers to iconectiv's servers.[57] Tel-Lingua argues that this process would be easier and quicker for any future transition to a new LNPA due to the efficiencies of Internet Protocol circuits.[58] Even if moving such circuits is now less difficult, that process was not the gating factor for the length of the previous transition period. Rather, factors such as the need for platform requirements to be developed, software to be written, data centers to be established, users to be onboarded, and substantial testing to be conducted determined the time needed to complete the transition.[59]

21. We next decline to impose certain conditions before approving the extension. Some parties suggest the Bureau should address a question about iconectiv's neutrality.[60] In particular,

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[52] Due to the commercial sensitivity of the contract, details of these additional benefits of the extension are subject to the Protective Order in this proceeding. *Protective Order*; NAPM Draft Contract Extension Filing at 2-3. Parties were afforded the opportunity to obtain such information pursuant to the terms of the Protective Order.

[53] Letter from Aaron M. Panner, to Marlene Dortch, Secretary, FCC, WC Docket No. 23-337 (filed Dec. 15, 2023) (Somos December 2023 *Ex Parte*).

[54] Somos Comments at 5. In fact, the only specifics that Somos provides appear to relate to establishing the selection process, which we believe we have done in a prompt manner. *Id.*

[55] *See* Telnyx Reply at 2.

[56] David R. Hughes & Lisa Poulter Comments at 1.

[57] Tel-Lingua Comments at 4-6.

[58] *Id*.

[59] For a full description of the steps undertaken in the previous transition process, *see* Letter from Todd D. Daubert, Counsel to the NAPM LLC, to Marlene H. Dortch, Secretary, FCC, WC Docket Nos. 07-149 and 09-109, CC Docket No. 95-116 (filed Aug. 31, 2015).

[60] Somos Comments at 3; Letter from Aaron M. Panner, to Marlene Dortch, Secretary, FCC, WC Docket No. 23-337 (filed Jan. 11, 2024) (Somos January 2024 *Ex Parte)*. In addition, Tel-Lingua and Tel-Switch also discussed

(continued….)

iconectiv has requested the agency confirm that it continues to meet the LNPA neutrality requirements following the acquisition of Vonage Holdings Corp. (Vonage) by subsidiaries of Telefonaktiebolaget LM Ericsson (Ericsson), an 83% owner of iconectiv.[61] The Commission has frequently explained that "secure and reliable operation of the NPAC is vital to the functioning of the Nation's critical communications infrastructure, public safety, and the national security,"[62] and the ability to port telephone numbers "has become an integral part of our lives," with over 600,000 telephone number porting transactions per day.[63] Given that the current LNPA contract expires in less than 18 months, we believe that the next LNPA selection process must be initiated without undue delay to avoid any disruptions to these critical functions, and that an extension of the current contract for the period specified in this order is necessary to protect the integrity and functionality of LNPA operations during that selection process. We will therefore proceed simultaneously with the extension and selection process and with responding to iconectiv's request. Significantly, under the current contract, "nothing . . . limits in any way the Commission's ability to enforce its rules and orders," and there remain multiple contractual remedies available both to the Commission and NAPM should we determine that iconectiv is no longer neutral.[64] As we have previously stated, the "Commission is committed to ensuring that the next LNPA complies with our neutrality criteria. As it has done in the past, the Commission will take steps necessary to ensure that the LNPA is neutral, and remains neutral throughout the term of its contract."[65]

22. We also reject a request by SCJVentures that we condition approval of the extension on permitting derivative use for a fee of certain NPAC data provided to non-service providers for use in fraud mitigation purposes so that SCJVentures can enter the market to compete with iconectiv in the provision of such services.[66] At this time, we do not have sufficient information to evaluate the merits of this proposal, particularly with respect to operational and security concerns, and do not believe that we should delay approving the extension and beginning the LNPA selection process to build the record

(Continued from previous page)
iconectiv's neutrality, although not explicitly proposing that resolving the matter be a condition for consenting to the extension. Tel-Lingua Comments at 12; Tel-Switch Comments at 3.

[61] *Notice* at 6, n.27.

[62] *See LNPA Selection Order*, 30 FCC Rcd at 3122, para. 82 (also stating that the LNPA must have the requisite operational experience to serve as the LNPA with respect to security and reliability).

[63] NPAC, Make the Right Call Every Time, https://numberportability.com/portdata-comply-service (last visited Feb. 5, 2024).

[64] *See LNPA Approval Order*, 31 FCC Rcd at 8418, para. 32. Somos raises a concern about iconectiv's neutrality due to Vonage's current role as a voting member on the North American Numbering Council ("NANC") and Ericsson's ownership of both Vonage and iconectiv. Somos December 2023 *Ex Parte* at 1; Somos January 2024 *Ex Parte* at 2. Somos argues that Vonage's voting membership on the NANC is a conflict of interest because "[t]he NANC advises the Commission on all numbering administration matters, including the selection and ongoing performance management" of numbering administrators, including the LNPA. Somos January 2024 *Ex Parte* at 2 (stating that "[g]iven NANC's critical role in overseeing and selecting numbering administrators, Somos submits that it is a conflict of interest for an entity that shares ownership with a numbering administrator to hold voting membership in the NANC"). We believe that Somos's concern may be premature. As an initial matter, the selection process we adopt in this Order for the next LNPA does not include any review, determinations, or other involvement by the NANC, and no commenter argued that it should. Further, there are no other matters pertaining to local number portability administration or oversight of the LNPA currently pending before the NANC for a vote. Nevertheless, Vonage has been advised that it must disclose its common ownership with iconectiv at the first meeting of the current NANC charter that it attends. *See FCC Announces Meetings of the North American Numbering Council*, WC Docket No. 23-1, Public Notice, DA 24-50 (WCB Jan. 17, 2024). Should a matter involving or impacting iconectiv as the LNPA or another local number portability administration matter come before the NANC, Vonage shall be recused from deliberating or voting on such matters.

[65] *LNPA Selection Order*, 30 FCC Rcd at 3122, para. 164.

[66] SCJVentures Comments at 1-2.

required to do so. SCJVentures is welcome to raise this matter again in response to the RFI and draft RFP, and we will consider it at that time.[67]

23. We do, however, issue a directive to NAPM regarding the proposed extension's contractual changes pertaining to audit procedures for pricing of NPAC services ancillary to porting.[68] As part of the Bureau's oversight role of the contract, we direct NAPM to notify Bureau staff in writing no less than 30 days before approving any increase in such pricing and withhold consent to a price increase until otherwise directed by the Bureau. This directive is necessary for the Bureau to ensure the protection of users of such NPAC data. Because the Bureau has the authority to direct NAPM to withhold approval pending approval from us,[69] we do not believe that this alters the terms of the proposed extension.[70]

IV. ORDERING CLAUSES

24. Accordingly, IT IS ORDERED, pursuant to sections 1, 4(i), and 251(e) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 154(i), and 251(e), and pursuant to authority delegated under sections 0.91 and 0.291 of the Commission's rules, 47 CFR 0.91 and 0.291,[71] that the Local Number Portability Administrator selection process described above is ADOPTED and approval is granted to North American Portability Management LLC to enter into proposed contractual amendments (including the extension contained therein) subject to the terms described herein.

25. IT IS FURTHER ORDERED, pursuant to sections 1, 4(i), 251(e) and 408 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 154(i), 251(e), and 408, section 1.103 of the Commission's rules, 47 CFR § 1.103, and pursuant to authority delegated under sections 0.91 and 0.291 of the Commission's rules, 47 CFR §§ 0.91 and 0.291, that this action IS EFFECTIVE UPON RELEASE.

FEDERAL COMMUNICATIONS COMMISSION

Trent B. Harkrader
Chief
Wireline Competition Bureau

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[67] We also decline to condition our consent to the proposed extension on requiring iconectiv to permit NPAC data to be used for robocall mitigation under a theory that it constitutes "Network Administ[r]ation and Maintenance." SCJVentures Comments at 2. The Commission is committed to combatting the scourge of robocalls. We note, however, that iconectiv has a wide variety of data products available to users based on the type of use cases such users are able to present. Based on the language of its request, SCJVentures appears to be seeking access to the broadest scope of data while another data product the use case for which SCJVentures might be able to make, would be sufficient. We are reluctant to issue the sort of declaration that SCJVentures envisions without gathering more facts, and will therefore not delay our consent to the proposed extension on doing so. This does not, however, prevent the Commission and Bureau from examining the matter further pursuant to its continuing oversight authority.

[68] *See* NAPM Draft Contract Extension Filing at 1 ("In return for these benefits to the industry, the Amendment would make certain changes that would benefit iconectiv regarding . . . audit procedures for pricing of NPAC services ancillary to porting.").

[69] *See LNPA Approval Order*, 31 FCC Rcd at 8423-24, para. 45.

[70] In addition, as part of our continuing contractual oversight, we plan expect to establish a process for monitoring iconectiv's progress in modernizing its data centers to ensure that the process is conducting expeditiously.

[71] *See* 47 U.S.C. § 155(c).

PUBLIC NOTICE

Federal Communications Commission
445 12th St., S.W.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov
TTY: 1-888-835-5322

DA 24-105
Released: February 6, 2024

OFFICE OF ENGINEERING AND TECHNOLOGY SEEKS COMMENT ON AXON ENTERPRISE, INC. REQUEST FOR WAIVER OF SECTIONS 15.247(a) AND 15.247 (d) OF THE COMMISSION'S RULES FOR OPERATING IN THE 5725 – 5850 MHz BAND

ET Docket No. 24-40

Comment Date: March 7, 2024
Reply Comment Date: March 22, 2024

By this public notice, we seek comment on a request by Axon Enterprise, Inc. (Axon) to waive Sections 15.247(a) and 15.247(d) of the Commission's rules to permit Axon to market three analog wireless devices that transmit at power levels allotted only to digital modulated spread spectrum devices and to exceed the out of band (OOB) emission limits in the rules.[1]

Axon requests a waiver of the Commission's rules to market three investigation and surveillance devices to law enforcement.[2] Axon states the devices, an aerial vehicle (drone), a ground vehicle, and a pole-mounted/stand-alone camera, are intended to provide law enforcement with real-time information in dangerous situations and to reduce safety risks.[3] Axon states that to meet law enforcement's need for continuous and reliable video feeds, the devices must use analog signal modulation. Axon further states that the Commission's rules for analog wireless devices authorized to operate in the 5725-5850 MHz band, however, limit the power levels to a level too low to meet the needs of law enforcement.[4]

Section 15.247 of the Commission's rules contains the technical requirements for operating within the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands.[5] Subpart 15.247(a) limits the applicability of these technical requirements to frequency hopping and digitally modulated intentional radiators.[6] As use of analog modulation in these bands does not comply with Commission rules, Axon seeks a waiver of section 15.247(a) to allow operation of the three devices under the broader technical limits contained in section 15.247.[7]

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[1] Axon Enterprise Inc. Request for Waivers of Section 15.247 of the Commission's Rules for Intentional Radiators, ET Docket No. 24-40 (filed Dec. 5, 2023), https://www.fcc.gov/ecfs/search/search-filings/filing/120570136329 (*Axon Waiver Request*).

[2] *Axon Waiver Request* at 1. We also note that Axon has requested any waiver be applicable to its subsidiaries. *See Axon Waiver Request* at 5, n.4.

[3] *Axon Waiver Request* at 2-3, 13.

[4] *Axon Waiver Request* at 4-5. *See also* 47 CFR § 15.209 and 15.249.

[5] 47 CFR § 15.247.

[6] 47 CFR § 15.247(a).

[7] *Axon Waiver Request* at 5.

Section 15.247(d) of the rules limits OOB emissions of spread spectrum or digitally modulated intentional radiators.[8] Axon states that to meet the technical parameters that law enforcement requires, the devices need to operate at levels that exceed the limits found in section 15.247(d).[9] Consequently, Axon seeks a waiver of section 15.247(d).[10]

We seek comment on Axon's Waiver Request. To develop a complete record on the issues presented by this request, this proceeding will be treated, for *ex parte* purposes, as "permit-but-disclose" in accordance with Section 1.1200(a) of the Commission's rules, subject to the requirements under Section 1.1206(b). Axon filed its petition electronically as a non-docketed proceeding in the Commission's Electronic Comment Filing System. We have opened a new docket, **ET Docket 24-40** to facilitate consideration of this request and have moved Axon's submission into this docket. Parties should file all comments and reply comments in **ET Docket 24-40**.

Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS). *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

- Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS: http://apps.fcc.gov/ecfs/.

- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing. If more than one docket or rulemaking number appears in the caption of this proceeding, filers must submit two additional copies for each additional docket or rulemaking number.

  Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.

- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19.[11]

- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.U.S. Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street NE Washington, DC 20554.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (TTY).

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[8] 47 CFR § 15.247(d).

[9] *Axon Waiver Request* at 5. The rules (47 CFR § 15.247(d)) provide two required levels of attenuation. Radiators must be attenuated by at least 20 dB. However, if the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB. Axon's devices fall under the latter category and must, therefore, be attenuated by 30 dB.

[10] *Id.*

[11] *See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, 35 FCC Rcd 2788 (OMD 2020).

Parties should also send a copy of their filings to Damian G. Ariza, Office of Engineering and Technology, Federal Communications Commission, 45 L Street, N.E., Washington, D.C. 20002, or by e-mail to damian.ariza@fcc.gov.

Documents associated with this docket will be available for public inspection through the Commission's ECFS.

By the Chief, Office of Engineering and Technology

-FCC-

Federal Communications Commission
Washington, D.C. 20554

February 7, 2024

DA 24-106

By First Class Mail and Certified Mail, Return Receipt Requested

Ashok Patel
President
Savontel Communications, Inc.
84-23 37th Avenue
Jackson Heights, NY 11372-7338

Re: Potential Reclamation of Savontel Communications, Inc.'s International Signaling Point Code, 3-055-7 (Jackson Heights, NY)

Dear Mr. Patel:

By this letter, the Telecommunications and Analysis Division of the FCC's Office of International Affairs notifies you of our intent to reclaim the above-captioned International Signaling Point Code (ISPC), which the Commission provisionally assigned to Savontel Communications, Inc. (Savontel) on January 16, 2003.[1] We will take this action unless you respond to this letter within 30 days, by **March 8, 2024**, and indicate whether Savontel is still using the code.

The Federal Communications Commission (Commission), as the Administrator for the United States, assigns ISPCs for Signaling System No. 7 networks under ITU-T Recommendation Q.708.[2] The Commission has explained that ISPCs are a scarce resource and "[a]s a result, code assignments are conditional upon their being used within one year lead time, so that the Commission can reassign unused codes to another carrier."[3] Additionally, ITU-T Recommendation Q.708 provides that the Commission should withdraw an ISPC assignment if the code is "no longer in use or required" by the operator, among other reasons.[4]

[1] Savontel Communications, Inc., File No. SPC-NEW-20030110-00003 (filed Jan. 10, 2003) (Savontel ISPC Application). Letter from Cathy Hsu, Policy Division, International Bureau, FCC to Mr. Ashok Patel, President, Savontel Communications, Inc. (Jan. 16, 2003) (*Savontel ISPC Grant Letter*).

[2] International Telecommunication Union (ITU), ITU-T Recommendation Q.708 (03/99), Series Q: Switching and Signalling, Specifications of Signalling System No. 7—Message Transfer Part (MTP), Assignment procedures for international signalling point codes, https://www.itu.int/rec/recommendation.asp?lang=en&parent=T-REC-Q.708-199903-I (ITU-T Recommendation Q.708).

[3] *Reporting Requirements for U.S. Providers of International Telecommunications Services; Amendment of Part 43 of the Commission's Rules*, Notice of Proposed Rulemaking, 19 FCC Rcd 6460, 6474, para. 36, n.83 (2004); *see also China Telecom (Americas) Corporation, GN Docket No. 20-109 et al*., Order Instituting Proceedings on Revocation and Termination and Memorandum Opinion and Order, 35 FCC Rcd 15006, 15040, para. 58 (2020) ("ISPCs are a scarce resource that are used by international Signaling System 7 (SS7) gateways as addresses for routing domestic voice traffic to an international provider and anyone seeking an ISPC assignment is required by rule to file an application with the Commission and comply with its procedures.").

[4] ITU-T Recommendation Q.708 at 6.

Pursuant to ITU-T Recommendation Q.708, the Commission required Savontel to make several certifications in its application for the ISPC.[5] *First*, Savontel certified that the "[c]ode assignments held in excess of 18 months without implementation must be returned to this Administrator for reassignment."[6] Subsequently, in its January 16, 2003 letter granting the provisional assignment of ISPC 3-055-7 to Savontel, the Policy Division (Division) of the International Bureau[7] required Savontel to inform the Division of the implementation date of the code within one year, by January 16, 2004.[8] *Second*, Savontel certified "[it is] aware that all ISPC assignments are provisional and that nobody has a property right in [an] ISPC [and it is] aware that the Commision [sic] may take an assigned ISPC and reassign it to another person."[9] *Third*, Savontel was subject to the annual traffic and revenue reporting requirements at the time of its ISPC assignment.[10] We have no record that Savontel informed the International Bureau of the date the code was implemented or filed any International Traffic and Revenue Reports for the years 2004-2015.[11]

In March 2020, Division staff made several attempts to contact Savontel to ascertain whether it is using its assigned ISPC. On March 6, 2020, the staff sent an inquiry to the email address on file, which was returned due to an unknown user error.[12] On February 9, 2020 and March 9, 2020, the staff called

[5] Savontel ISPC Application.

[6] *Id*., Question 4.

[7] The Policy Division was renamed the Telecommunications and Analysis Division in 2015 as part of the reorganization of the FCC's International Bureau. *See* News Release, FCC, International Bureau Reorganization (Dec. 14, 2015), https://docs.fcc.gov/public/attachments/DOC-336832A1.pdf. In 2023, the Commission adopted an Order that reorganized the International Bureau into: (1) a Space Bureau and (2) an Office of International Affairs (OIA). *See Establishment of the Space Bureau and the Office of International Affairs and Reorganization of the Consumer and Governmental Affairs Bureau and the Office of the Managing Director*, Order, MD Docket No. 23-12, FCC 23-1 (rel. Jan. 9, 2023). As a result of this reorganization, the Telecommunications and Analysis Division became a division within OIA.

[8] The Savontel ISPC Application provided assignees an 18-month window to implement the ISPC. Savontel ISPC Application, Question 4. By contrast, the *Savontel ISPC Grant Letter* indicated that Savontel would need to implement its ISPC within 12 months of grant. *Savontel ISPC Grant Letter* at 2.

[9] Savontel ISPC Application, Question 5. In the *Savontel ISPC Grant Letter*, the Division reiterated the certifications, adding that "[u]nless this office is specifically notified of the actual implementation of assignments for planned future service, it will be assumed that those implementations did not occur and such assignments will expire, making those particular codes available for reassignment." *Savontel ISPC Grant Letter* at 2.

[10] *See generally Amendment of Section 43.61 of the Commission's Rules*, CC Docket No. 91-22, Report and Order, 7 FCC Rcd 1379 (1992) (establishing the traffic and revenue reporting requirements that were in effect at the time of Savontel's ISPC assignment).

[11] In 2017, the Commission eliminated the requirement that U.S. providers of international telecommunications services file annual Traffic and Revenue Reports. *See Section 43.62 Reporting Requirements for U.S. Providers of International Services; 2016 Biennial Review of Telecommunications Regulations*, IB Docket Nos. 17-55 & 16-131, Report and Order, 32 FCC Rcd 8115 (2017). Providers, including Savontel, were required to file the final traffic and revenue data for calendar year 2015.

[12] Email from Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau, to Ashok Patel, Savontel Communications, Inc. (cpatel@savontel.com) (Mar. 6, 2020, 10:52 AM); Return email from Mail Delivery Subsystem to Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau (Mar. 6, 2020, 10:52 AM). These emails are reprinted in the Attachment.

Savontel's phone numbers on record, which are no longer in service.[13] The FCC 499 Filer Database indicates that Savontel has not been active since January 15, 2004 and "is no longer providing telecommunications services."[14] Finally, according to New York's Department of State, Division of Corporations website, Savontel was "DISSOLVED BY PROCLAMATION" on June 29, 2016.[15] Based on our inability to contact a representative of Savontel, our records, Savontel's apparent failure to file any International Traffic and Revenue Reports for 2005-2015, and the records of New York's Department of State, we believe Savontel may no longer be providing service and is no longer using its assigned ISPC.

We request that you respond to this letter by **March 8, 2024**, and indicate the date the code was implemented and describe the current use of Savontel's ISPC (3-055-7).[16] A failure to respond to this letter will serve as confirmation that Savontel is no longer using its provisionally assigned ISPC and has failed to comply with our ISPC requirements. If you fail to respond to this letter, we will reclaim the ISPC (3-055-7) and immediately thereafter make the code available for reassignment consistent with the terms of the ITU-T Recommendation Q.708.

If you have any questions, please contact me at (202) 418-7370 or Francis.Gutierrez@fcc.gov or my colleague Arthur Lechtman at (202) 418-1465 or Arthur.Lechtman@fcc.gov.

Sincerely,

/*Francis Gutierrez*/
Francis Gutierrez
Deputy Chief
Telecommunications and Analysis Division
Office of International Affairs

cc:

By First Class Mail and Certified Mail, Return Receipt Requested

Kala Patel, Chief Executive Officer
Nimesh Patel, Secretary
Savontel Communications, Inc.
84-23 37th Ave.
Jackson Heights, NY 11372

[13] Staff called the following telephone numbers: (718) 429-1100 and (718) 429-3100.

[14] Savontel Communications, Inc., FCC Form 499 Filer Database, https://apps.fcc.gov/cgb/form499/499detail.cfm?FilerNum=821268 (last visited Feb. 1, 2024).

[15] *See* New York, Department of State, Division of Corporations, Search Records, https://apps.dos.ny.gov/publicInquiry/ (last visited Feb. 1, 2024).

[16] We are addressing this letter to the most recent contacts and addresses of record provided by Savontel.

Attachment

-----Original Message-----
From: Mail Delivery Subsystem <MAILER-DAEMON@mx0a-0024ed01.pphosted.com>
Sent: Friday, March 6, 2020 10:52 AM
To: prvs=03340bc94c=arthur.lechtman@fcc.gov
Subject: Returned mail: see transcript for details

The original message was received at Fri, 6 Mar 2020 07:51:43 -0800 from m0196534.ppops.net [127.0.0.1]

----- The following addresses had permanent fatal errors ----- <cpatel@savontel.com>
(reason: 550 Host unknown)

----- Transcript of session follows -----
550 5.1.2 <cpatel@savontel.com>... Host unknown (Name server: savontel.com.: host not found)

###

From: Arthur Lechtman <Arthur.Lechtman@fcc.gov>
Sent: Friday, March 6, 2020 10:52 AM
To: cpatel@savontel.com
Cc: Francis Gutierrez <Francis.Gutierrez@fcc.gov>; Stacey Ashton <Stacey.Ashton@fcc.gov>
Subject: Savontel Communications, Inc. - International Signaling Point Code

Hello Mr. Patel,

I am writing to inquire whether Savontel Communications, Inc. is still using the international signaling point code that it was assigned in 2003 (3-055-7). Please let me know by email or call me at the number below if you have any questions. Thank you,

Artie Lechtman

Federal Communications Commission
International Bureau
202.418.1465

Federal Communications Commission
Washington, D.C. 20554

February 7, 2024

DA 24-107

By First Class and Certified Mail, Return Receipt Requested

Robert M. Leon
Director, Engineering/IT
Unified Worldwide Transport, LLC
1620 26th Street, Suite 2040 N
Santa Monica, CA 90404

Re: Potential Reclamation of Unified Worldwide Transport, LLC's International Signaling Point Code, 3-181-7 (Los Angeles, CA)

Dear Mr. Leon:

By this letter, the Telecommunications and Analysis Division of the FCC's Office of International Affairs notifies you of our intent to reclaim the above-captioned International Signaling Point Code (ISPC), which was provisionally assigned to Unified Worldwide Transport, LLC (Unified Worldwide) on June 4, 2004.[1] We will take this action unless you respond to this letter within 30 days, by **March 8, 2024**, and indicate whether Unified Worldwide is still using the code.

The Federal Communications Commission (Commission), as the Administrator for the United States, assigns ISPCs for Signaling System No. 7 networks under ITU-T Recommendation Q.708.[2] The Commission has explained that ISPCs are a scarce resource and "[a]s a result, code assignments are conditional upon their being used within one year lead time, so that the Commission can reassign unused codes to another carrier."[3] Finally, ITU-T Recommendation Q.708 provides that the Commission should withdraw an ISPC assignment if the code is "no longer in use or required" by the operator, among other reasons.[4]

[1] Unified Worldwide Transport, LLC, File No. SPC-NEW-20040530-00019 (filed May 30, 2004) (Unified Worldwide ISPC Application). Letter from Cathy Hsu, Policy Division, International Bureau, FCC to Robert Leon, Director, Engineering/IT, Unified Worldwide Transport, LLC (June 4, 2004) (*Unified Worldwide ISPC Grant Letter*).

[2] International Telecommunication Union (ITU), ITU-T Recommendation Q.708 (03/99), Series Q: Switching and Signalling, Specifications of Signalling System No. 7—Message Transfer Part (MTP), Assignment procedures for international signalling point codes, https://www.itu.int/rec/recommendation.asp?lang=en&parent=T-REC-Q.708-199903-I (ITU-T Recommendation Q.708).

[3] *Reporting Requirements for U.S. Providers of International Telecommunications Services; Amendment of Part 43 of the Commission's Rules*, Notice of Proposed Rulemaking, 19 FCC Rcd 6460, 6474, para. 36, n.83 (2004); *see also China Telecom (Americas) Corporation,* GN Docket No. 20-109 et al., Order Instituting Proceedings on Revocation and Termination and Memorandum Opinion and Order, 35 FCC Rcd 15006, 15040, para. 58 (2020) ("ISPCs are a scarce resource that are used by international Signaling System 7 (SS7) gateways as addresses for routing domestic voice traffic to an international provider and anyone seeking an ISPC assignment is required by rule to file an application with the Commission and comply with its procedures.").

[4] ITU-T Recommendation Q.708 at 6.

Pursuant to ITU-T Recommendation Q.708, the Commission required Unified Worldwide to make several certifications in its application for the ISPC. *First*, Unified Worldwide certified that the "[c]ode assignments held in excess of 12 months without implementation must be returned to this Administrator for reassignment."[5] In its letter granting the provisional assignment of ISPC 3-181-7 to Unified Worldwide on June 4, 2004, the Policy Division (Division) of the International Bureau[6] required Unified Worldwide to inform the Division of the implementation date of the code within one year, by June 4, 2005.[7] *Second*, Unified Worldwide certified "[it is] aware that all ISPC assignments are provisional and that nobody has a property right in [an] ISPC [and it is] aware that the Commission may take an assigned ISPC and reassign it to another person."[8] *Third*, Unified Worldwide was subject to the annual traffic and revenue reporting requirements at the time of its ISPC assignment. Unified Worldwide certified that its failure to file this report would "be interpreted as inactive operation and could, therefore, result in the loss of the carrier's point code assignment."[9] Despite these certifications, we have no record that Unified Worldwide informed the Division of the date the code was implemented or filed any International Traffic and Revenue Reports for the years 2004-2015.[10]

Since April 2020, Division staff have made several attempts to contact Unified Worldwide to ascertain whether it is using its assigned ISPC. On April 2, 2020 and March 11, 2022, the staff sent inquiries to the email addresses on file, which were returned as undeliverable.[11] On March 9, 2022, the staff called Unified Worldwide's phone number on record and determined that it is no longer in service or

[5] Unified Worldwide ISPC Application, Question 4.

[6] The Policy Division was renamed the Telecommunications and Analysis Division in 2015 as part of the reorganization of the FCC's International Bureau. *See* FCC News Release, International Bureau Reorganization, (Dec. 14, 2015), https://docs.fcc.gov/public/attachments/DOC-336832A1.pdf. In 2023, the Commission adopted an Order that reorganized the International Bureau into: (1) a Space Bureau and (2) an Office of International Affairs (OIA). *See Establishment of the Space Bureau and the Office of International Affairs and Reorganization of the Consumer and Governmental Affairs Bureau and the Office of the Managing Director*, Order, MD Docket No. 23-12, FCC 23-1 (rel. Jan. 9, 2023). As a result of this reorganization, the Telecommunications and Analysis Division became a division within OIA.

[7] *Unified Worldwide Grant Letter* at 2.

[8] Unified Worldwide ISPC Application, Question 5.

[9] *Id.*, Question 6.

[10] In 2017, the Commission eliminated the requirement that U.S. providers of international telecommunications services file annual Traffic and Revenue Reports. *See Section 43.62 Reporting Requirements for U.S. Providers of International Services; 2016 Biennial Review of Telecommunications Regulations*, IB Docket Nos. 17-55 & 16-131, Report and Order, 32 FCC Rcd 8115 (2017). Providers, including Unified Worldwide, were required to file the final traffic and revenue data for calendar year 2015.

[11] Email from Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau, to Robert Leon, Unified Worldwide Transport, LLC (rob@uwtllc.com) and to Teresa Baer, Latham & Watkins (teresa.baer@lw.com) (Apr. 2, 2020, 4:26 PM); Return email from Mail Delivery Subsystem to Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau (Apr. 2, 2020, 4:26 PM); Email from Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau, to Randy Sherman, Unified Worldwide Transport, LLC (randy@uwtllc.com) (Mar. 11, 2022, 10:51 AM); Return email from Mail Delivery Subsystem to Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau (Mar. 11, 2022, 2:56 PM and Mar. 16, 2022, 11:52 AM). These emails are reprinted in the Attachment below.

disconnected.[12] The FCC 499 Filer Database indicates that Unified Worldwide has not been active since April 5, 2006 and that its account was "closed because the administrator could not contact the filer."[13] Finally, according to California's Secretary of State, Business Search website, Unified Worldwide has been suspended, and inactive since August 1, 2011.[14] Based on our inability to contact a representative of Unified Worldwide, our records, Unified Worldwide's apparent failure to file any International Traffic and Revenue Reports for 2004-2015, and the records of California's Secretary of State, we believe Unified Worldwide may no longer be providing service and is no longer using its assigned ISPC.

We request that you respond to this letter by **March 8, 2024**, and indicate the date the code was implemented and describe the current use of Unified Worldwide's ISPC (3-181-7).[15] A failure to respond to this letter will serve as confirmation that Unified Worldwide is no longer using its provisionally assigned ISPC and has failed to comply with our ISPC requirements. If you fail to respond to this letter, we will reclaim the ISPC (3-181-7) and immediately thereafter make the code available for reassignment consistent with the terms of the ITU-T Recommendation Q.708.

If you have any questions, please contact me at (202) 418-7370 or Francis.Gutierrez@fcc.gov or my colleague Arthur Lechtman at (202) 418-1465 or Arthur.Lechtman@fcc.gov.

Sincerely,

/*Francis Gutierrez*/
Francis Gutierrez
Deputy Chief
Telecommunications and Analysis Division
Office of International Affairs

cc:

By First Class and Certified Mail, Return Receipt Requested

Randy Sherman, President
Betty Howard, Chief Executive Officer
Ann Yanick, Chairwoman
1620 26th Street, Suite 2040 N
Santa Monica, CA 90404

[12] Staff called the following telephone number: (310) 264-4760.

[13] Unified Worldwide Transport, LLC, FCC Form 499 Filer Database, https://apps.fcc.gov/cgb/form499/499detail.cfm?FilerNum=825818 (last visited Feb. 1, 2024).

[14] *See* California, Secretary of State, Business Search, https://www.sos.ca.gov/business-programs/business-entities/cbs-search-tips (last visited Feb. 1, 20024).

[15] We are addressing this letter to the most recent contacts and addresses of record provided by Unified Worldwide.

Teresa Baer
Latham & Watkins LLP
555 11th Street N.W. Suite 1000
Washington, DC 20004-1304

Attachment

Email Exchange 1

-----Original Message-----
From: Mail Delivery Subsystem <MAILER-DAEMON@mx0a-0024ed01.pphosted.com>
Sent: Thursday, April 2, 2020 4:26 PM
To: prvs=136195d29c=arthur.lechtman@fcc.gov
Subject: Returned mail: see transcript for details

The original message was received at Thu, 2 Apr 2020 13:26:08 -0700 from m0196534.ppops.net [127.0.0.1]

----- The following addresses had permanent fatal errors ----- <teresa.baer@lw.com>
(reason: 550 #5.1.0 Address rejected.) <rob@uwtllc.com>
(reason: 550 Host unknown)

----- Transcript of session follows ----- ... while talking to mx1.lw.com.:
>>> RCPT To:<teresa.baer@lw.com>
<<< 550 #5.1.0 Address rejected.
550 5.1.1 <teresa.baer@lw.com>... User unknown
>>> DATA
<<< 503 #5.5.1 RCPT first
550 5.1.2 <rob@uwtllc.com>... Host unknown (Name server: uwtllc.com.: host not found)

###

From: Arthur Lechtman <Arthur.Lechtman@fcc.gov>
Sent: Thursday, April 2, 2020 4:26 PM
To: rob@uwtllc.com; teresa.baer@lw.com
Cc: Francis Gutierrez <Francis.Gutierrez@fcc.gov>; Stacey Ashton <Stacey.Ashton@fcc.gov>
Subject: International signaling point code, Unified Worldwide Transport, LLC

Hello,

I am writing to inquire whether Unified Worldwide Transport, LLC is still using the international signaling point code that it was assigned in 2004 (3-181-7 Los Angeles, CA). Please let me know by email or call me at the number below if you have any questions. Thank you,

Artie Lechtman

Federal Communications Commission
International Bureau
202.418.1465

Email Exchange 2

-----Original Message-----
From: Mail Delivery Subsystem <MAILER-DAEMON@mx0a-0024ed01.pphosted.com>
Sent: Wednesday, March 16, 2022 11:52 AM

To: prvs=40693f728e=arthur.lechtman@fcc.gov
Subject: [EXTERNAL]: Returned mail: see transcript for details

The original message was received at Fri, 11 Mar 2022 15:51:02 GMT from m0102173.ppops.net [127.0.0.1]

----- The following addresses had permanent fatal errors ----- <randy@uwtllc.com>

----- Transcript of session follows ----- <randy@uwtllc.com>... Deferred: Connection timed out with uwtllc.com.
Message could not be delivered for 5 days Message will be deleted from queue

###

-----Original Message-----
From: Mail Delivery Subsystem <MAILER-DAEMON@mx0a-0024ed01.pphosted.com>
Sent: Friday, March 11, 2022 2:56 PM
To: prvs=40693f728e=arthur.lechtman@fcc.gov
Subject: [EXTERNAL]: Warning: could not send message for past 4 hours

****
** THIS IS A WARNING MESSAGE ONLY **
** YOU DO NOT NEED TO RESEND YOUR MESSAGE **
****

The original message was received at Fri, 11 Mar 2022 15:51:02 GMT from m0102173.ppops.net [127.0.0.1]

----- Transcript of session follows ----- <randy@uwtllc.com>... Deferred: Connection timed out with uwtllc.com.
Warning: message still undelivered after 4 hours Will keep trying until message is 5 days old

###

From: Arthur Lechtman <Arthur.Lechtman@fcc.gov>
Sent: Friday, March 11, 2022 10:51 AM
To: randy@uwtllc.com
Cc: Francis Gutierrez <Francis.Gutierrez@fcc.gov>; Stacey Ashton <Stacey.Ashton@fcc.gov>
Subject: International signaling point code, Unified Worldwide Transport, LLC

Hello Mr. Sherman,

I am writing to inquire whether Unified Worldwide Transport, LLC is still using the international signaling point code that it was assigned in 2004 (3-181-7 Los Angeles, CA). Please let me know by email or call me at the number below if you have any questions. Thank you,

Arthur Lechtman
International Bureau/TAD
Federal Communications Commission
202.418.1465

Federal Communications Commission
Washington, D.C. 20554

February 7, 2024

DA 24-108

By First Class Mail and Certified Mail, Return Receipt Requested

Tracy Cheng
MiNo Wireless USA, Inc.
2901 Tasman Drive, Suite 210
Santa Clara, CA 95054

Re: Potential Reclamation of MiNo Wireless USA, Inc.'s International Signaling Point Codes, 3-203-2, 3-203-3, 3-203-4, 3-203-5 (all in Los Angeles, CA)

Dear Ms. Cheng:

By this letter, the Telecommunications and Analysis Division of the FCC's Office of International Affairs notifies you of our intent to reclaim the above-captioned International Signaling Point Codes (ISPCs), which were provisionally assigned to MiNo Wireless USA, Inc. (MiNo Wireless) in March 2009.[1] We will take this action unless you respond to this letter within 30 days, by **March 8, 2024**, and indicate whether MiNo Wireless is still using these codes.

The Federal Communications Commission (Commission), as the Administrator for the United States, assigns ISPCs for Signaling System No. 7 networks under ITU-T Recommendation Q.708.[2] The Commission has explained that ISPCs are a scarce resource and "[a]s a result, code assignments are conditional upon their being used within one year lead time, so that the Commission can reassign unused codes to another carrier."[3] Finally, ITU-T Recommendation Q.708 provides that the Commission should withdraw an ISPC assignment if the code is "no longer in use or required" by the operator, among other reasons.[4]

[1] MiNo Wireless USA, Inc., File Nos. SPC-NEW-20090309-00002 (filed Mar. 9, 2009), SPC-NEW-20090320-00003 (filed Mar. 20, 2009), SPC-NEW-20090320-00004 (filed Mar. 20, 2009), SPC-NEW-20090320-00005 (filed Mar. 20, 2009) (together, MiNo Wireless ISPC Applications). Letter from Cathy Hsu, Policy Division, International Bureau, FCC, to Ms. Tracy Cheng, MiNo Wireless USA, Inc. (Mar. 16, 2009) (*Mar. 16 ISPC Grant Letter*) (provisionally assigning ISPC 3-203-2); Letter from Cathy Hsu, Policy Division, International Bureau, FCC to Ms. Tracy Cheng, MiNo Wireless USA, Inc. (Mar. 30, 2009) (*Mar. 30, 2009 ISPC Grant Letter*) (provisionally assigning ISPCs 3-203-3, 3-203-4, and 3-203-5).

[2] International Telecommunication Union (ITU), ITU-T Recommendation Q.708 (03/99), Series Q: Switching and Signalling, Specifications of Signalling System No. 7—Message Transfer Part (MTP), Assignment procedures for international signalling point codes, https://www.itu.int/rec/recommendation.asp?lang=en&parent=T-REC-Q.708-199903-I (ITU-T Recommendation Q.708).

[3] *Reporting Requirements for U.S. Providers of International Telecommunications Services; Amendment of Part 43 of* the *Commission's Rules*, Notice of Proposed Rulemaking, 19 FCC Rcd 6460, 6474, para. 36, n.83 (2004); *see also China Telecom (Americas) Corporation, GN Docket No. 20-109 et al*., Order Instituting Proceedings on Revocation and Termination and Memorandum Opinion and Order, 35 FCC Rcd 15006, 15040, para. 58 (2020) ("ISPCs are a scarce resource that are used by international Signaling System 7 (SS7) gateways as addresses for routing domestic voice traffic to an international provider and anyone seeking an ISPC assignment is required by rule to file an application with the Commission and comply with its procedures.").

[4] ITU-T Recommendation Q.708 at 6.

Pursuant to ITU-T Recommendation Q.708, the Commission required MiNo Wireless to make several certifications in its applications for its ISPCs. *First*, MiNo Wireless certified that the "[c]ode assignments held in excess of 12 months without implementation must be returned to this Administrator for reassignment."[5] In its letters granting the provisional ISPC assignments to MiNo Wireless, the Policy Division (Division) of the International Bureau[6] required MiNo Wireless to inform the Division of the date the codes were implemented.[7] *Second*, MiNo Wireless certified "[it is] aware that all ISPC assignments are provisional and that nobody has a property right in [an] ISPC [and it is] aware that the Commission may take an assigned ISPC and reassign it to another person."[8] *Third*, MiNo Wireless was subject to the annual traffic and revenue reporting requirements at the time of its ISPC assignment.[9] MiNo Wireless certified that its failure to file these reports would "be interpreted as inactive operation and could, therefore, result in the loss of the carrier's point code assignment."[10] Despite these certifications and conditions, we have no record that MiNo Wireless informed the Division of the date the code was implemented or filed any International Traffic and Revenue Reports for the years 2010-2015.[11]

In February 2022, Division staff made several attempts to contact MiNo Wireless to ascertain whether it is using its assigned ISPCs. On February 11, 2022, the staff sent inquiries to the email

[5] MiNo Wireless ISPC Applications, Question 4.

[6] The Policy Division was renamed the Telecommunications and Analysis Division in 2015 as part of the reorganization of the FCC's International Bureau. *See* FCC News Release, International Bureau Reorganization, (Dec. 14, 2015), https://docs.fcc.gov/public/attachments/DOC-336832A1.pdf. In 2023, the Commission adopted an Order that reorganized the International Bureau into: (1) a Space Bureau and (2) an Office of International Affairs (OIA). *See Establishment of the Space Bureau and the Office of International Affairs and Reorganization of the Consumer and Governmental Affairs Bureau and the Office of the Managing Director*, Order, MD Docket No. 23-12, FCC 23-1 (rel. Jan. 9, 2023). As a result of this reorganization, the Telecommunications and Analysis Division became a division within OIA.

[7] *Mar. 16 ISPC Grant Letter* at 2 ("your implementation and notification to this office [with regard to ISPC 3-203-2] must occur on or before March 16, 2010"); *Mar. 30, 2009 ISPC Grant Letter* at 2 ("your implementation and notification to this office [with regard to ISPCs 3-203-3, 3-203-4, 3-203-5] must occur on or before March 30, 2010").

[8] MiNo Wireless ISPC Applications, Question 5. The Division reiterated the certifications when it provisionally assigned the ISPCs, stating that "[u]nless this office is specifically notified of the actual implementation of assignments for planned future service, it will be assumed that those implementations did not occur and such assignments will expire, making those particular codes available for reassignment." *Mar. 16 ISPC Grant Letter* at 2; *Mar. 30, 2009 ISPC Grant Letter* at 2.

[9] *See generally Amendment of Section 43.61 of the Commission's Rules*, CC Docket No. 91-22, Report and Order, 7 FCC Rcd 1379 (1992) (establishing the traffic and revenue reporting requirements that were in effect at the time of Mino Wireless's ISPC assignment).

[10] MiNo Wireless ISPC Applications, Question 6.

[11] In 2017, the Commission eliminated the requirement that U.S. providers of international telecommunications services file annual Traffic and Revenue Reports. *See Section 43.62 Reporting Requirements for U.S. Providers of International Services; 2016 Biennial Review of Telecommunications Regulations*, IB Docket Nos. 17-55 & 16-131, Report and Order, 32 FCC Rcd 8115 (2017). Providers, including MiNo Wireless, were required to file the final traffic and revenue data for calendar year 2015.

addresses on file, which were either returned as undeliverable or unanswered.[12] On February 16, 2022, the staff called MiNo Wireless's phone numbers on record, which are either no longer in service or disconnected.[13] MiNo Wireless surrendered its international section 214 authorization in 2012, and it indicated at that time that it would cease offering services.[14] The FCC 499 Filer Database indicates that MiNo Wireless has not been active since July 30, 2011 and "has gone out of business in it's [sic] entirety. . . ."[15] Finally, according to the California Secretary of State Business Search website, MiNo Wireless current status is "terminated" and it has been inactive in California since October 31, 2011.[16] Based on our inability to contact a representative of MiNo Wireless, our records, MiNo Wireless's apparent failure to file any International Traffic and Revenue Reports for 2010-2015, and the records of California's Secretary of State, we believe MiNo Wireless is no longer providing service and is no longer using its assigned ISPCs.

We request that you respond to this letter by **March 8, 2024**, and indicate the date(s) the codes were implemented and describe the current use of MiNo Wireless's ISPCs (3-203-2, 3-203-3, 3-203-4, 3-203-5).[17] A failure to respond to this letter will serve as confirmation that MiNo Wireless is no longer using its provisionally assigned ISPCs and has failed to comply with our ISPC requirements. If you fail to respond to this letter, we will reclaim the ISPCs (3-203-2, 3-203-3, 3-203-4, 3-203-5) and immediately thereafter make them available for reassignment consistent with the terms of ITU-T Recommendation Q.708.

[12] Email from Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau, to Bathsheeba Malsheen and Tracy Cheng, MiNo Wireless USA, Inc. (bathsheba@minowireless.com, tracy@minowireless.com) (Feb. 11, 2022, 2:13 PM); Return email from Mail Delivery Subsystem to Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau (Feb. 16, 2022, 2:49 PM). Staff copied MiNo Wireless's Washington, D.C. agent for service of process (Joe Solana, compliance@gsaudits.com) on the February 11 email. Staff did not receive a reply from Mr. Solana. *See* Return Email from Microsoft Outlook to Arthur Lechtman, Attorney-Advisor, Telecommunications and Analysis Division, International Bureau (Feb. 11, 2:13 PM). These emails are reprinted in the Attachment.

[13] Staff called the following telephone numbers: (408) 343−7500 and (408) 343-7516.

[14] *International Authorizations Granted, Section 214 Applications (47 C.F.R. § 63.18); Section 310(b)(4) Requests*, Public Notice, 27 FCC Rcd 9189 (IB Aug. 9, 2012) (stating that "[by] letter filed July 6, 2012, [Mino Wireless USA, Inc.] notified the Commission of the Surrender of its international section 214 authorization.").

[15] MiNo Wireless USA, Inc., FCC Form 499 Filer Database, https://apps.fcc.gov/cgb/form499/499detail.cfm?FilerNum=825555 (last visited Feb. 2, 2024).

[16] *See* California, Secretary of State, Business Search, https://bizfileonline.sos.ca.gov/search/business (last visited Jan. 29, 2024).

[17] We are addressing this letter to the most recent contacts and addresses of record provided by MiNo Wireless.

If you have any questions, please contact me at (202) 418-7370 or Francis.Gutierrez@fcc.gov or my colleague Arthur Lechtman at (202) 418-1465 or Arthur.Lechtman@fcc.gov.

Sincerely,

/*Francis Gutierrez*/

Francis Gutierrez
Deputy Chief
Telecommunications and Analysis Division
Office of International Affairs

cc:

By First Class Mail and Certified Mail, Return Receipt Requested

Bathsheba Malsheen, CEO
Tsuyoshi Taira, Chairman
Ray Qin, President
MiNo Wireless USA, Inc.
2901 Tasman Drive, Suite 210
Santa Clara, CA 95054

Jing Liu
MiNo Wireless USA, Inc.
1267 Borregas Ave.
Sunnyvale, CA 94089

Jose L. Solana
Attorney in Fact for MiNo Wireless USA, Inc.
GSAssociates
5400 Laurel Springs Parkway Suite 404
Suwanee, GA 30024

Joe Solana
General Solutions Associates LLC
1629 K Street, NW, Suite 300
Washington, DC 20006

Attachment

-----Original Message-----
From: Mail Delivery Subsystem <MAILER-DAEMON@mx0a-0024ed01.pphosted.com>
Sent: Wednesday, February 16, 2022 2:49 PM
To: prvs=30418e8a41=arthur.lechtman@fcc.gov
Subject: [EXTERNAL]: Returned mail: see transcript for details

The original message was received at Fri, 11 Feb 2022 11:13:24 -0800 from m0196534.ppops.net [127.0.0.1]

----- The following addresses had permanent fatal errors ----- <tracy@minowireless.com> <bathsheba@minowireless.com>

----- Transcript of session follows ----- <bathsheba@minowireless.com>,<tracy@minowireless.com>...
Deferred: Connection timed out with minowireless.com.
Message could not be delivered for 5 days Message will be deleted from queue

From: Microsoft Outlook <MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@fccoffice.onmicrosoft.com>
Sent: Friday, February 11, 2022 2:13 PM
To: Arthur Lechtman <Arthur.Lechtman@fcc.gov>
Subject: Relayed: Mino Wireless USA, Inc. - International Signaling Point Codes

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

bathsheba@minowireless.com (bathsheba@minowireless.com)

tracy@minowireless.com (tracy@minowireless.com)

compliance@gsaudits.com (compliance@gsaudits.com)

Subject: Mino Wireless USA, Inc. - International Signaling Point Codes

From: Arthur Lechtman <Arthur.Lechtman@fcc.gov>
Sent: Friday, February 11, 2022 2:13 PM
To: bathsheba@minowireless.com; tracy@minowireless.com
Cc: compliance@gsaudits.com; Francis Gutierrez <Francis.Gutierrez@fcc.gov>; Stacey Ashton <Stacey.Ashton@fcc.gov>
Subject: Mino Wireless USA, Inc. - International Signaling Point Codes

Hello Ms. Malsheen and Ms. Cheng:

My office in the FCC's International Bureau is reviewing international signaling point code (ISPC) records. The International Bureau provisionally assigned the following ISPCs to Mino Wireless USA, Inc. (Mino Wireless) in 2009:

IBFS file number	ISPC	location
SPC-NEW-20090309-00002	3-203-2	Los Angeles, CA
SPC-NEW-20090320-00003	3-203-3	Los Angeles, CA
SPC-NEW-20090320-00004	3-203-4	Los Angeles, CA
SPC-NEW-20090320-00005	3-203-5	Los Angeles, CA

Is Mino Wireless currently using any of these ISPCs? We are aware that Mino Wireless surrendered its international section 214 authorization in 2012 (see file no. ITC-214-20060223-00110). The surrender notification did not indicate the status of Mino Wireless' four ISPCs. As these codes are a scarce resource, we reclaim them when not in use so that they may be available for re-assignment to other operators. Please let us know the status of the above four Mino Wireless ISPCs by email or call me at the number below if you have any questions. Thank you,

Arthur Lechtman
International Bureau/TAD
Federal Communications Commission
202.418.1465

(also copying Mino Wireless' DC agent for service of process, Joe Solana, General Solutions Associates LLC, compliance@gsaudits.com)

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Requests for Waiver by Bluum USA Inc Phoenix, AZ, et al.	)	ECF222119317 et al.
	)	
	)	
Establishing Emergency Connectivity Fund to Close the Homework Gap	)	WC Docket No. 21-93
	)	

ORDER

Adopted: February 6, 2024 **Released: February 6, 2024**

By the Chief, Wireline Competition Bureau:

I. INTRODUCTION

1. In this Order, we address six requests for waiver filed by Emergency Connectivity Fund (ECF) program applicants (collectively, the Petitioners).[1] Specifically, we waive and extend the service delivery date and/or the invoice filing deadline for the Petitioners who applied for ECF support for equipment, non-recurring services, and recurring services during the first and second application filing windows, recognizing the emergency nature of the ECF program as well as the limited, one-time funding opportunity it presents. Earlier this year, the Bureau provided ECF first and second window applicants with additional time to receive services and complete the invoicing process in recognition of the evolving and emergent nature of the ECF program.[2] Consistent with those actions, we find good cause exists to waive section 54.1711(d) and (e) of the Commission's rules for the Petitioners, and direct the Universal Service Administrative Company (USAC) to extend any necessary deadlines for the Petitioners' first and second window ECF funding requests consistent with this Order.[3]

II. BACKGROUND

2. As part of the American Rescue Plan Act of 2021 (Act), Congress appropriated $7.171 billion and directed the Commission to promulgate rules for distributing funding from the Emergency Connectivity Fund to eligible schools and libraries for the purchase of eligible equipment and/or advanced telecommunications and information services for use by students, school staff, and library patrons at

[1] The Petitioners and ECF funding applications are listed in Appendices A and B to this Order.

[2] *See Establishing Emergency Connectivity Fund to Close the Homework Gap*, WC Docket No. 21-93, Order, DA 23-405, 2023 WL 3579192, at *4 (WCB May 12, 2023) (*May 2023 Service Delivery Deadline Extension Order*) (providing varying extensions of the ECF program's service delivery deadline based on the date of a commitment decision); *Establishing Emergency Connectivity Fund to Close the Homework Gap*, WC Docket No. 21-93, Order, DA 23-669, 2023 WL 5262666 (WCB Aug. 14, 2023) (*August 2023 Invoice Deadline Date Extension Order*) (providing first and second window applicants with an extension of the ECF program's invoice filing deadline date until October 30, 2023).

[3] 47 CFR § 54.1711(d)-(e). To the extent any of these funding requests have already been modified, we remand those applications to USAC for review consistent with this order.

locations that include locations other than a school or library.[4] On May 10, 2021, the Commission adopted the *Emergency Connectivity Fund Report and Order* establishing rules for the ECF program to distribute the funding to eligible schools and libraries.[5]

3. The Commission and USAC opened an initial 45-day application filing window from June 29, 2021 to August 13, 2021,[6] and a second 15-day application filing window from September 28, 2021 to October 13, 2021, in which applicants requested a combined $6.4 billion in support.[7] During these two application filing windows, applicants could initially request funding for eligible equipment and services received or delivered between July 1, 2021 and June 30, 2022.[8] The Bureau later opened a third 15-day application filing window from April 28, 2022 to May 13, 2022 to allow applicants to request eligible equipment and services purchased and delivered between July 1, 2022 and December 31, 2023. During the third filing window, the Commission received timely filed requests for over $2.8 billion for purchases of eligible equipment and services.[9]

4. The Commission also established an invoice filing deadline rule for the program in the *Emergency Connectivity Fund Report and Order*.[10] Section 54.1711(d) of the Commission's rules provides that "[i]nvoices must be submitted to the Administrator within 60 days from the date of the funding commitment decision letter; a revised funding commitment decision letter approving a post-commitment change or a successful appeal of previously denied or reduced funding; or service delivery date, whichever is later."[11]

5. In recognition of the emergency nature of the program and the evolving needs of participants, the Bureau has also taken a number of steps to provide ECF program participants with additional time and flexibility to facilitate the full use of approved and committed ECF support for the eligible equipment and broadband services needed to connect students, school staff, and library patrons who otherwise would not be able to fully engage in remote learning. For example, to address instances where the service delivery date for equipment or other non-recurring services may not be known at the time of the funding request submission, on July 22, 2021, the Bureau issued a *Public Notice* and *Order* clarifying that applicants could use June 30, 2022 as the service delivery date for equipment and other non-recurring services for their ECF FCC Form 471 funding requests if the equipment or services have

[4] American Rescue Plan Act, 2021, H.R. 1319, Pub. L. No. 117-2, 117th Cong., tit. VII, § 7402(a)(1)-(2) (2021) (enacted), available at https://www.congress.gov/bill/117th-congress/house-bill/1319/text (American Rescue Plan Act) (enrolled bill).

[5] *See generally Establishing the Emergency Connectivity Fund to Close the Homework Gap*, WC Docket No. 21-93, Report and Order, 36 FCC Rcd 8696 (2021) (*Emergency Connectivity Fund Report and Order*).

[6] News Release, FCC, FCC Announces Emergency Connectivity Fund Application Window Will Open on June 29 (June 15, 2021), https://www.fcc.gov/document/emergency-connectivity-fund-application-window-opens-june-29 (*First ECF Application Window News Release*).

[7] News Release, FCC, FCC Announces Over $5 Billion in Funding Requests Received in Emergency Connectivity Fund Program (Aug. 25, 2021), https://www.fcc.gov/document/fcc-announces-over-5-billion-emergency-connectivity-fund-requests (*Second ECF Application Window News Release*).

[8] *See* 47 CFR § 54.1710; *Emergency Connectivity Fund Report and Order*, 36 FCC Rcd at 8734, 8737, paras. 78, 83.

[9] *Wireline Competition Bureau Announces Third Application Filing Window for the Emergency Connectivity Fund Program*, WC Docket No. 21-93, Public Notice, 37 FCC Rcd 3985 (WCB 2022) (*Third ECF Application Window PN*). *See also* News Release, FCC, FCC Announces Over $2.8 Billion in Funding Requests for Final Window in Ongoing Work to Close the Homework Gap (May 25, 2022), https://docs.fcc.gov/public/attachments/DOC-383685A1.pdf (*Third ECF Application Window News Release*).

[10] *Emergency Connectivity Fund Report and Order*, 36 FCC Rcd at 8743, para. 98; 47 CFR § 54.1711(d).

[11] 47 CFR § 54.1711(d).

not been ordered or received at the time that the applicant submitted their funding request(s).[12] Subsequently, the Bureau acted on a petition for waiver and extended the service delivery date for all ECF equipment, recurring, and non-recurring funding requests submitted during the first and second filing windows to June 30, 2023, but left the service delivery date for new construction services requests without change.[13] On May 12, 2023, the Bureau issued another *Order* extending the service delivery date for certain first and second window applicants who received funding commitment decisions for services on or after July 1, 2022, for equipment on or after January 1, 2023, and maintaining June 30, 2023 as the service delivery date for first and second window applicants that received funding commitments before those dates.[14] The *May 2023 Service Delivery Deadline Extension Order* also extended the service delivery deadline for third window funding requests to allow applicants to purchase and receive eligible equipment and services before June 30, 2024, the statutorily required sunset date for the ECF program.[15] On August 14, 2023, the Bureau issued an *Order* granting a one-time extension of the invoice filing deadline date for first and second window funding requests to provide applicants and service providers with sufficient flexibility to complete and submit their invoicing forms and necessary supporting documentation.[16]

6. Each of the Petitioners submitted timely applications during the first or second application filing windows and subsequently sought to waive and extend the service delivery date and/or the invoice filing deadline date for equipment, non-recurring service, and recurring service requests submitted during the first and second application filing windows. Specifically, the Petitioners explain

[12] *Wireline Competition Bureau Sets Service Delivery Date for Emergency Connectivity Fund Program Initial Application Filing Window and Modifies Funding Application Certification Language*, WC Docket No. 21-93, Public Notice, DA 21-881, 2021 WL 3128232, at *1-2 (WCB July 22, 2021) (*ECF Service Delivery Date Public Notice*) (extending the date for first and second window requests if equipment or services have not been ordered or received at the time that the applicant submitted their funding requests); *see Establishing the Emergency Connectivity Fund to Close the Homework Gap*; WC Docket No. 21-93, Order, 36 FCC Rcd 16621, 16624, para. 10 (WCB 2021) (*ECF Service Delivery Date Clarification Order*) (extending the date for all recurring and non-recurring funding requests to reduce confusion and minimize administrative burdens for the first and second ECF window applicants).

[13] *Establishing Emergency Connectivity Fund to Close the Homework Gap*, WC Docket No. 21-93, Order, 37 FCC Rcd 1915 (WCB 2022).

[14] *See May 2023 Service Delivery Deadline Extension Order* at *4, paras. 9-10.

[15] *See id.* at *5, para. 12. For purposes of the Emergency Connectivity Fund, section 7402 of the Act defines the COVID-19 emergency period as beginning on the date the Secretary of Health and Human Services determined that a public health emergency exists as a result of COVID-19 pursuant to section 319 of the Public Health Service Act, and ending on the June 30 that first occurs after the date that is one year after the Secretary of Health and Human Services determines that a public health emergency no longer exists. *See* H.R. 1319, tit. VII, § 7402(d)(5)(A). The Secretary of Health and Human Services determined that a public health emergency began January 27, 2020 as a result of COVID-19 pursuant to section 319 of the Public Health Service Act. 47 U.S.C. § 247d. The COVID-19 public health emergency expired at the end of the day on May 11, 2023. *See* News Release, Department of Health and Human Services (HHS), HHS Secretary Xavier Becerra Statement on End of the COVID-19 Public Health Emergency (May 11, 2023), https://www.hhs.gov/about/news/2023/05/11/hhs-secretary-xavier-becerra-statement-on-end-of-the-covid-19-public-health-emergency.html; Department of Health and Human Services (HHS), COVID-19 Public Health Emergency (PHE), https://www.hhs.gov/coronavirus/covid-19-public-health-emergency/index.html (last visited Dec. 20, 2023). Therefore, ECF funding will only be available for purchases of eligible equipment and services made by June 30, 2024. *See Wireline Competition Bureau and Office of the Managing Director Provide Guidance on Emergency Connectivity Fund Program Upon Termination of the Emergency Period*, WC Docket No. 21-93, Public Notice, DA 23-406, 2023 WL 3579198 (WCB May 12, 2023).

[16] *See August 2023 Invoice Deadline Date Extension Order*; *see also Wireline Competition Bureau Extends Emergency Connectivity Fund October 30, 2023 Invoice Deadline*, WC Docket No. 21-93, Public Notice, DA 23-1029, 2023 WL 8591696 (WCB 2023) (extending the October 30, 2023 invoice deadline date to November 3, 2023 due to technical issues with the invoice filing system).

that additional time is necessary due to problems with their service providers,[17] challenges posed by personnel changes and departures,[18] new applicant confusion,[19] and other procedural and administrative issues.[20]

III. DISCUSSION

7. Generally, the Commission's rules may be waived for good cause shown.[21] The Commission may exercise its discretion to waive a rule where the particular facts make strict compliance inconsistent with the public interest.[22] In addition, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.[23]

8. We recognize that due to the evolving and emergency nature of this program, complexities in the invoicing process, and the various administrative challenges due to the pandemic, some ECF program participants may have difficulty timely receiving equipment and/or services or submitting invoices by their current service delivery date and/or invoice filing deadline. Therefore, we find good cause exists to waive and extend the service delivery deadline and/or the invoice filing deadline for the Petitioners to ensure these ECF program participants can seek reimbursement for their approved ECF funding used to connect students, school staff, and library patrons with unmet needs.

9. The ECF program is designed to provide schools and libraries with the tools and services that their students, school staff and library patrons need for remote learning in light of the COVID-19 emergency. The Petitioners request waivers in response to various administrative challenges related to remote learning posed by the pandemic, and the ECF program was expressly set up to address such emergency needs. Further, such waivers present a one-time funding opportunity, and are consistent with prior waivers provided by the Bureau for other ECF participants.[24] As such, we extend the invoice filing deadline for the Petitioners listed in Appendix A, and direct USAC to extend the invoice filing deadline dates for 60 days from the date of this Order. We also extend the service delivery deadline to June 30, 2024, for the Petitioners listed in Appendix B, and direct USAC to extend the service delivery and invoice filing deadlines accordingly.

10. We find that waiving and extending the service delivery deadline and/or the invoice filing deadlines for these Petitioners will not lead to any additional funding being made available to these Petitioners, but rather it allows the Petitioners to use their approved and committed ECF funding pursuant

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[17] *See, e.g.*, Petition of Willits Elementary Charter School for Waiver, WC Docket No. 21-93, at 1 (filed Oct. 26, 2023), https://www.fcc.gov/ecfs/filing/1026139670650.

[18] *See, e.g.,* Petition of Las Vegas Adventist Academy for Waiver, WC Docket No. 21-93, at 1 (filed Oct. 30, 2023), https://www.fcc.gov/ecfs/filing/102991777226.

[19] *See, e.g.,* Petition of Mescalero Community Library for Waiver, WC Docket No. 21-93, at 1 (filed Oct. 26, 2023), https://www.fcc.gov/ecfs/filing/102674512912.

[20] *See, e.g.,* Petition of Bluum USA Inc. for Waiver, WC Docket No. 21-93, at 1 (filed Dec. 8, 2023), https://www.fcc.gov/ecfs/filing/1208830826483 (requesting extension of invoicing filing deadline for timely delivery of equipment); Petition of Fullerton Elementary School District for Waiver, WC Docket No. 21-93, at 2 (filed Nov. 19, 2023), https://www.fcc.gov/ecfs/filing/1118063497574 (requesting extension of invoicing filing deadline due to additional time it needed to gather invoice documentation); Petition of McArthur Public Library for Waiver, WC Docket No. 21-93, at 1 (filed Oct. 30, 2023), https://www.fcc.gov/ecfs/filing/1030903602868 (requesting extension of the invoicing filing deadline and the service delivery date due to delay in obtaining the funding commitment decision letter).

[21] 47 CFR § 1.3.

[22] *Northeast Cellular Telephone Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990).

[23] *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.

[24] *See May 2023 Service Delivery Deadline Extension Order*; *August 2023 Invoice Deadline Date Extension Order*.

to the Commission's rules. In addition, we find that the public interest would not be served if these Petitioners are not able to fully use the approved and committed ECF support for the eligible equipment and broadband services needed for these students, school staff, and library patrons with unmet needs who otherwise are not able to fully engage in remote learning. Rather, the actions we take today will allow these Petitioners to provide and use the ECF-supported equipment and services as intended, thereby enhancing the availability of off-campus connectivity to students, school staff, and library patrons with continuing unmet needs consistent with the goals of the ECF program.

11. Finally, we find that waiving the service delivery and/or the invoice filing deadlines for these Petitioners does not increase the risk of waste, fraud, or abuse in the ECF program. We emphasize that the Commission is committed to protecting the integrity of the ECF program and ensuring that funds disbursed through the program are used for their intended purposes to provide broadband connectivity and connected devices to students, school staff, and library patrons with unmet needs. We remind the Petitioners that all other ECF program rules remain in effect and must be complied with. Although we grant the Petitioners a limited waiver of section 54.1711(d) and (e) of the Commission's rules, this action does not affect the authority of the Commission or USAC to conduct audits or investigations to determine compliance with ECF program rules and requirements.[25] The Commission is also required to recover funds determined to be disbursed in violation of statutory and/or rule requirements.[26]

IV. ORDERING CLAUSES

12. ACCORDINGLY, IT IS ORDERED, pursuant to the authority contained in sections 1-4 and 254 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151-154 and 254, and sections 0.91, 0.291, and 1.3 of the Commission's rules, 47 CFR §§ 0.91, 0.291, and 1.3, that section 54.1711(d) and (e) of the Commission's rules, 47 CFR § 54.1711(d) and (e), IS WAIVED to the extent provided herein.

13. IT IS FURTHER ORDERED, that pursuant to section 1.102(b)(1) of the Commission's rules, 47 CFR § 1.102(b)(1), this Order SHALL BE EFFECTIVE upon release.

FEDERAL COMMUNICATIONS COMMISSION

Trent B. Harkrader
Chief
Wireline Competition Bureau

[25] 47 CFR § 54.1714.

[26] 31 U.S.C. § 3711(a)(1); *see also* 31 CFR § 901.1.

APPENDIX A

Invoice Filing Deadline Waiver Requests Granted

Petitioner	Application Number(s)	Date Request(s) for Waiver Filed
Bluum USA Inc. (Holy Cross Catholic School) Phoenix, AZ	ECF222119317	December 8, 2023
Fullerton Elementary School District Fullerton, CA	ECF222118564	November 19, 2023

APPENDIX B

Service Delivery and Invoice Filing Deadline Waiver Requests Granted

Las Vegas Adventist Academy Las Vegas, NV	ECF202105159	October 30, 2023
McArthur Public Library Biddeford, ME	ECF222120706	October 30, 2023
Mescalero Community Library Mescalero, NM	ECF202105269	October 26, 2023
Willits Elementary Charter School Willits, CA	ECF202113316	October 26, 2023

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information: 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-110
Released: February 7, 2024

MEDIA BUREAU ANNOUNCES COMMENT AND REPLY COMMENT DEADLINES FOR NPRM SEEKING COMMENT ON WHETHER TO REQUIRE REFUNDS FOR PROGRAMMING BLACKOUTS

MB Docket No. 24-20

Comment Date: March 8, 2024
Reply Comment Date: April 8, 2024

On January 17, 2024, the Commission released a *Notice of Proposed Rulemaking* (*NPRM*) that sought comment on "whether to require cable operators and direct broadcast satellite (DBS) providers to give their subscribers rebates when those subscribers are deprived of video programming they expect to receive during programming blackouts that result from failed retransmission consent negotiations or failed non-broadcast carriage negotiations."[1] The Commission set deadlines for filing comments and reply comments in response to the *NPRM* at 30 and 60 days, respectively, after publication of the *NPRM* in the Federal Register.[2]

A summary of the *NPRM* was published in the Federal Register on February 7, 2024.[3] Accordingly, comments will be due on or before March 8, 2024 and reply comments on or before April 8, 2024. Commenters should follow the filing instructions provided in the *NPRM*.[4] The *NPRM* is available on the Commission's website.[5]

For additional information, contact Brendan Murray of the Policy Division, Media Bureau at Brendan.Murray@fcc.gov or (202) 418-1573.

- FCC -

[1] *Customer Rebates for Undelivered Video Programming During Blackouts*, MB Docket No. 24-20, Notice of Proposed Rulemaking, FCC 24-2, para. 1 (Jan. 17, 2024).

[2] *Id*. at 1.

[3] Federal Communications Commission, Customer Rebates for Undelivered Video Programming During Blackouts, 89 Fed. Reg. 8385 (Feb. 7, 2024).

[4] *See NPRM* at para. 21.

[5] *See* https://www.fcc.gov/document/fcc-begins-proceeding-empower-consumers-during-tv-blackouts.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Garmin International, Inc.'s Request for Waiver of Section 95.1787(a)(3)	)	WT Docket No. 24-7
	)	

ORDER

Adopted: February 7, 2024 **Released: February 7, 2024**

By the Chief, Mobility Division, Wireless Telecommunications Bureau:

1. On January 27, 2024, North Shore Emergency Association (NSEA) filed a Motion for Extension of Time seeking an extension of the comment deadline in the above captioned proceeding by two months to April 12, 2024.[1] By this Order, for the reasons stated below, the Mobility Division (Division) denies the request for extension of the comment deadline.

2. On October 5, 2023, Garmin International, Inc. (Garmin) filed an application requesting waiver of section 95.1787(a)(3) of the Federal Communications Commission's (Commission) rules.[2] On January 12, 2024, the Division released a *Public Notice* seeking comment on Garmin's waiver request with comments and replies due on February 12, 2024 and February 27, 2024, respectively.[3] On the same day it filed its Motion for Extension of Time, NSEA also filed a comment opposing Garmin's waiver request.[4] On February 2, 2024, Garmin filed in opposition to the extension request.[5]

3. We deny NSEA's requested two-month extension of time because NSEA has not shown that an extension is warranted. Section 1.46 of the Commission's rules prescribes a high bar to justify an extension of time for filing comments and prohibits the Division from routinely granting such an extension.[6] While NSEA argues that this proceeding "is not a normal or routine matter" given the specific relief sought by Garmin,[7] this argument does not overcome the high bar required by section 1.46. All waivers, like the Garmin waiver, seek specific exceptions from requirements under the Commission's rules. And as with other waiver requests, the Division here acted consistently with our typical practice, providing 30 days for comments on the Garmin waiver and 15 days for replies.[8] NSEA has not

[1] Motion of North Shore Emergency Association for Extension of Time, WT Docket No. 24-7, at 1 (filed Jan. 27, 2024), https://www.fcc.gov/ecfs/document/101280883906803/1 (NSEA Motion for Extension of Time).

[2] Garmin Waiver Request, Non-Docketed ECFS INBOX-1.3 (filed Oct. 5, 2023), https://www.fcc.gov/ecfs/document/1005158792395/1.

[3] *Wireless Telecommunications Bureau Seeks Comment on Request by Garmin International, Inc. for Waiver of 47 CFR § 95.1787(a)(3)*, WT Docket No. 24-7, Public Notice, DA 24-36, 2024 WL 147156, at *1 (WTB Jan. 12, 2024) (Garmin Comment PN).

[4] NSEA Comments, WT Docket No. 24-7, at 6–7 (filed Jan. 28, 2023).

[5] Garmin Opposition to NSEA Extension Request, WT Docket No. 24-7 (filed Feb. 2, 2024) (Garmin Opposition).

[6] 47 CFR § 1.46.

[7] NSEA Motion for Extension of Time at 1–2.

[8] FCC, *How to Comment on FCC Proceedings*, https://www.fcc.gov/consumers/guides/how-comment (last updated May 16, 2023); FCC, *Formal Comments on Proceedings*, https://www.fcc.gov/general/formal-comments-

(continued….)

articulated why the Garmin waiver warrants additional time for comment beyond the typical comment and reply periods provided by the Division for any waiver.

4. NSEA has not shown that an extension of the comment deadline is warranted, especially an extension of the extraordinary length requested—an additional period twice the length of the normal comment period. Although NSEA contends that it would use this additional time to notify others in the GMRS space about this proceeding and allow them to provide comments,[9] we do not find that this justification warrants an exception from section 1.46's direction that extensions not be routinely granted. As Garmin argues, NSEA is requesting a deadline extension on behalf of unknown third parties without articulating whether or why any of these unidentified entities are unable to file comments within the standard deadlines.[10] We agree with Garmin that NSEA has not presented good cause for its requested extension.[11] The circumstances identified by NSEA are not sufficiently unique or unusual to warrant deviation from the established deadline. As such, we decline to extend the comment deadline for this proceeding. We note, however, that this proceeding has been designed as a "permit-but-disclose" proceeding[12] in accordance with section 1.1200(a) of the Commission's rules,[13] subject to the requirements under section 1.1206(b).[14] Accordingly, any interested parties may file in the docket, **WT Docket 24-7**, consistent with these rules.

5. Accordingly, **IT IS ORDERED** that, pursuant to section 4(i) of the Communications Act of 1934, as amended, 47 U.S.C. § 154(i), and sections 0.131, 0.204, 0.331, and 1.46 of the Commission's Rules, 47 CFR §§ 0.131, 0.204, 0.331, and 1.46, the Motion for Extension of Time filed by North Shore Emergency Association on January 27, 2024, **IS DENIED**.

FEDERAL COMMUNICATIONS COMMISSION

Roger S. Noel
Chief
Mobility Division
Wireless Telecommunications Bureau

proceedings (last visited Feb. 1, 2024); *see also* 47 CFR § 1.925(c)(i) (allowing the Division, "in its discretion, [to] give public notice of the filing of a waiver request and seek comment from the public or affected parties").

[9] NSEA Motion for Extension of Time at 2–3.

[10] Garmin Opposition at 3.

[11] *Id.* at 3-4.

[12] Garmin Comment PN at 2.

[13] 47 CFR § 1.1200(a).

[14] 47 CFR § 1.1206(b).

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-112
Released: February 7, 2024

OFFICE OF INTERNATIONAL AFFAIRS REMINDS CABLE LANDING LICENSEES AND COMMON CARRIERS TO FILE THEIR ANNUAL SUBMARINE CABLE CIRCUIT CAPACITY REPORTS BY APRIL 1, 2024

Electronic Filing Window Opens on March 1, 2024

We remind cable landing licensees and common carriers that, by rule, data as of December 31, 2023 for the annual Circuit Capacity Reports are due no later than April 1, 2024.[1] Section 43.82 of the Commission's rules requires (1) any licensee of a submarine cable between the United States and a foreign point and (2) any common carrier with capacity on a submarine cable between the United States and a foreign point to file Circuit Capacity Reports.[2] Submarine cable landing licensees must file a Cable Operator Report with the available capacity (both lit and unlit capacity) of the cable as of December 31, 2023 and the planned capacity (the intended capacity, both lit and unlit, of the cable two years out from December 31, 2023).[3] Cable landing licensees and common carriers must file a Capacity Holder Report identifying the capacity that they own or hold through an indefeasible right of use (IRU) or an intercarrier lease (ICL) as of December 31, 2023.[4]

Section 43.82 Online Filing Manual and System. Filers should refer to the Filing Manual for Section 43.82 Circuit Capacity Reports (Filing Manual) for instructions on how to file the reports, who must file, which reports to file, the required information, and the filing procedures. To assist Filing Entities with their submissions, the Filing Manual provides examples.[5]

- **Filing Manual** - The Filing Manual is available at https://docs.fcc.gov/public/attachments/DOC-362660A1.pdf.
- **Section 43.82 Online Filing System** - Filing Entities must file their Circuit Capacity Reports through the section 43.82 online filing system at https://apps2.fcc.gov/section4362/login.xhtml.

CONSOLIDATED CABLE OPERATOR REPORT REMINDER: Every cable must have a single Cable Operator Report reporting its total capacity filed by one of its licensees. Where there are multiple licensees for a cable, only one cable landing licensee may file the Cable Operator Report for that cable.[6] The licensees shall determine which licensee will file the capacity data for that cable.[7]

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[1] 47 CFR § 43.82(a); Filing Manual for Section 43.82 Circuit Capacity Reports, at 2, para. 2 (Feb. 2020) (Filing Manual), https://docs.fcc.gov/public/attachments/DOC-362660A1.pdf. The rule requires the Circuit Capacity Reports to be filed by March 31 each year. As March 31, 2024 is a Sunday, the reports are due the next business day, Monday, April 1, 2024. *See* 47 CFR § 1.4.

[2] 47 CFR § 43.82(a).

[3] *Id*.

[4] *Id*.; Filing Manual at 2, para. 1.

[5] Filing Manual at 7-9, Section II.C.

[6] *Id*. at 6, para. 30.

[7] *Id*.

- If the Filing Entity is filing on behalf of other cable landing licensees on the cable or on behalf of an affiliated entity or entities, the Filing Entity should submit a list of the licensees or entities for which it is filing data in an email to Circuit.Capacity@fcc.gov.[8]

CONSOLIDATED CAPACITY HOLDER REPORT REMINDER: Each licensee must file a single Capacity Holder Report with its capacity holdings on all cables, including cables on which it is not a licensee.[9] Similarly, each common carrier that is not a licensee must file a single Capacity Holder Report for its capacity holdings on all cables.[10]

- If a Filing Entity is filing on behalf of an affiliated entity or entities, the Filing Entity should submit a list of the entities for which it is filing data in an email to Circuit.Capacity@fcc.gov.[11]

ENFORCEMENT OF CIRCUIT CAPACITY RULES. We remind cable landing licensees and common carriers of their obligation to file timely and accurate reports **by April 1, 2024**. We encourage Filing Entities to file their reports as early as possible during the filing window. A failure to comply with the section 43.82 requirements may subject such entities to enforcement action.[12]

Each Filing Entity must use a single CORES FCC Registration Number (FRN) when filing data on: (1) Filing Entity contact information; (2) preparer contact information; (3) authorizations/licenses; (4) submarine cable operator data; (5) submarine cable capacity holder data; and (6) certifying official's information. Filers must enter the data directly into the online forms in the section 43.82 online filing system. With respect to (4) submarine cable operator data and (5) submarine cable capacity holder data, the data should be added to templates that are accessed through the online filing system and then uploaded into the online filing system. Additionally, each Filing Entity must provide the correct FCC authorization/license numbers associated with its filing. All contact information must be kept up-to-date.

For ease of reference, we provide sample templates of the Cable Operator Report and the Capacity Holder Report in Attachments 1 and 2. We also provide the current license number for each U.S.-international submarine cable in Attachment 3. **Filing Entities should use the templates from the section 43.82 online filing system to file their data and not the sample templates included in this Public Notice.**

- **Attachment 1** – Sample Cable Operator Report
- **Attachment 2** – Sample Capacity Holder Report
- **Attachment 3** – Current License Numbers for U.S.-International Submarine Cables as of December 31, 2023

FCC staff will send emails through the section 43.82 online filing system. All system-generated emails will be from FCC-INTL-Part43@fcc.gov. Filing Entities should ensure that their systems will accept emails from this address. Finally, any section 43.82 requests or any other questions should be emailed to Circuit.Capacity@fcc.gov.

For additional information, contact Stacey Ashton, Telecommunications and Analysis Division, Office of International Affairs, Stacey.Ashton@fcc.gov, 202-418-418-2214.

[8] *Id*. at 2-3, 6, paras. 6, 31.

[9] 47 CFR § 43.82; *see* Filing Manual at 6-9, Section II.

[10] Filing Manual at 6, para 32.

[11] *Id*. at 2-3, 7, paras. 6, 36.

[12] Filing Entities that are unable to file by the deadline must submit an online waiver request seeking an extension of time to file as soon as possible, but no later than April 1, 2024. Filing Manual at 3, para. 11; see 47 CFR § 1.3.

Circuit Capacity Report
International Submarine Cable Capacity
Cable Operators
As of December 31 of the Reporting Period

Name of Filing Entity:	
Filing Date:	
Reporting Period:	**2023**

	Cable Capacity	
	(a)	(b)
	(Gbps)	
	Available Capacity	Planned Capacity
Americas Region		
América Móvil Submarine Cable System (AMX1)		
AmeriCan-1		
Americas II		
Antilles Crossing		
ARCOS-1		
BAHAMAS II		
Bahamas Internet Cable System (BICS)		
BRUSA		
CFX-1 Cable System (CFX-1)		
Challenger Bermuda (CB-1)		
Crosslake Fibre		
Curie		
Firmina		
Gemini Bermuda System		
Global Caribbean Network (GCN)		
GlobeNet		
KetchCan1 Submarine Fiber Cable System		
Maya-1		
Monet Cable System		
Neutral Networks Laredo Cable		
Pacific Caribbean Cable System (PCCS)		

Pan American Crossing (PAC)		
Seabras-1		
SMPR-1		
South America-1 (SAm-1)		
South American Crossing (SAC)		
Taino-Carib Cable System		
Total Americas Region	0.0	0.0

Atlantic Region

AEConnect-1 Cable System		
Amitié		
Apollo Cable		
Atlantic Crossing 1 (AC-1)		
Dunant		
FLAG Atlantic-1		
Grace Hopper		
GTT Atlantic Cable System		
Havfrue		
MAREA		
TGN Atlantic		
Yellow		
Total Atlantic Region	0.0	0.0

Pacific Region

Asia America Gateway (AAG)		
Australia-Japan Cable		
Echo		
FASTER Cable System		
GOKI Cable Network		
HANTRU1		
Hawaiki Cable System		
Honotua Cable System		
Japan-Guam-Australia (JGA) North System (JGA North)		
Japan-Guam-Australia (JGA) South System (JGA South)		
Japan-U.S. Cable Network		
JUNO		
JUPITER		
New Cross-Pacific (NCP)		
Pacific Crossing-1 (PC-1)		
Pacific Light Cable Network (PLCN)		
PPC-1		
Samoa American Samoa Cable System		
Southeast Asia-US (SEA-US)		
Southern Cross Cable Network		
Southern Cross NEXT		
Telstra Endeavour		
TGN Pacific		
Trans-Pacific Express (TPE) Cable Network		

Unity Cable System		
Total Pacific Region	0.0	0.0

Circuit Capacity Report

International Submarine Cable Capacity

Capacity Holders

As of December 31 of the Reporting Period

Name of Filing Entity:	
Filing Date:	
Reporting Period:	2023

	Capacity Holdings					
	(a)	(b)	(c)	(d)	(e)	(f)
	(Gbps)					
	Cable Ownership	Net IRUs	Net Inter-Carrier Leaseholds	Net Capacity Held (d) = (a)+(b)+(c) (d) = (e)+(f)	Activated (i.e., lit) Capacity	Non-Activated (i.e., unlit) Capacity
Americas Region						
América Móvil Submarine Cable System (AMX1)						
AmeriCan-1						
Americas II						
Antilles Crossing						
ARCOS-1						
BAHAMAS II						
Bahamas Internet Cable System (BICS)						
BRUSA						
CFX-1 Cable System (CFX-1)						
Challenger Bermuda (CB-1)						
Crosslake Fibre						
Curie						
Firmina						
Gemini Bermuda System						
Global Caribbean Network (GCN)						
GlobeNet						
KetchCan1 Submarine Fiber Cable System						
Maya-1						
Monet Cable System						
Neutral Networks Laredo Cable						

Pacific Caribbean Cable System (PCCS)						
Pan American Crossing (PAC)						
Seabras-1						
SMPR-1						
South America-1 (SAm-1)						
South American Crossing (SAC)						
Taino-Carib Cable System						
Total Americas Region	0.0	0.0	0.0	0.0	0.0	0.0

Atlantic Region

AEConnect-1 Cable System						
Amitié						
Apollo Cable						
Atlantic Crossing 1 (AC-1)						
Dunant						
FLAG Atlantic-1						
Grace Hopper						
GTT Atlantic Cable System						
Havfrue						
MAREA						
TGN Atlantic						
Yellow						
Total Atlantic Region	0.0	0.0	0.0	0.0	0.0	0.0

Pacific Region

Asia America Gateway (AAG)						
Australia-Japan Cable						
Echo						
FASTER Cable System						
GOKI Cable Network						
HANTRU1						
Hawaiki Cable System						
Honotua Cable System						
Japan-Guam-Australia (JGA) North System (JGA North)						
Japan-Guam-Australia (JGA) South System (JGA South)						
Japan-U.S. Cable Network						
JUNO						
JUPITER						
New Cross-Pacific (NCP)						
Pacific Crossing-1 (PC-1)						
Pacific Light Cable Network (PLCN)						
PPC-1						
Samoa American Samoa Cable System						
Southeast Asia-US (SEA-US)						
Southern Cross Cable Network						
Southern Cross NEXT						
Telstra Endeavour						
TGN Pacific						

Trans-Pacific Express (TPE) Cable Network						
Unity Cable System						
Total Pacific Region	0.0	0.0	0.0	0.0	0.0	0.0

U.S. International Submarine Cable License Numbers
As of December 31, 2023

Cable Name	Original File Number	Current License Number
Americas Region		
América Móvil Submarine Cable System (AMX1)	SCL-LIC-20120330-00002	SCL-LIC-20120330-00002
AmeriCan-1	SCL-LIC-19980123-00002	SCL-MOD-19990901-00016
Americas II	SCL-LIC-19980429-00019	SCL-MOD-20191202-00038
Antilles Crossing	SCL-LIC-20031125-00032	SCL-LIC-20031125-00032
ARCOS-1	SCL-LIC-19981222-00032	SCL-MOD-20020701-00056
BAHAMAS II	SCL-LIC-20220422-00016	SCL-LIC-20220422-00016
Bahamas Internet Cable System (BICS)	SCL-LIC-20000118-00001	SCL-MOD-20020925-00094
BRUSA	SCL-LIC-20160330-00011	SCL-LIC-20160330-00011
CFX-1 Cable System (CFX-1)	SCL-LIC-20070516-00008	SCL-LIC-20070516-00008
Challenger Bermuda (CB-1)	SCL-LIC-20080603-00011	SCL-LIC-20080603-00011
Crosslake Fibre	SCL-LIC-20180216-00002	SCL-LIC-20180216-00002
Curie	SCL-LIC-20181008-00034	SCL-MOD-20191223-00039
Firmina	SCL-LIC-20220422-00015	SCL-LIC-20220422-00015
Gemini Bermuda System	SCL-LIC-20070925-00017	SCL-LIC-20070925-00017
Global Caribbean Network (GCN)	SCL-LIC-20050418-00010	SCL-MOD-20140923-00009
GlobeNet	SCL-LIC-19990602-00010	SCL-MOD-20121003-00012
KetchCan1 Submarine Fiber Cable System	SCL-LIC-20190718-00020	SCL-LIC-20190718-00020
Maya-1	SCL-LIC-19990325-00006	SCL-MOD-20110928-00028
Monet Cable System	SCL-LIC-20150408-00008	SCL-LIC-20150408-00008
Neutral Networks Laredo Cable	SCL-LIC-20210930-00042	SCL-LIC-20210930-00042
Pacific Caribbean Cable System (PCCS)	SCL-LIC-20130122-00001	SCL-LIC-20130122-00001
Pan American Crossing (PAC)	SCL-LIC-19981103-00022	SCL-MOD-20110524-00020
Seabras-1	SCL-LIC-20160115-00002	SCL-LIC-20160115-00002
SMPR-1	SCL-LIC-20031209-00033	SCL-LIC-20031209-00033
South America-1 (SAm-1)	SCL-LIC-20000204-00003	SCL-MOD-20190826-00028
South American Crossing (SAC)	SCL-LIC-19990823-00015	SCL-MOD-20150129-00002
Taino-Carib Cable System	SCL-LIC-20180702-00019	SCL-LIC-20180702-00019
Atlantic Region		
AEConnect-1 Cable System*	SCL-LIC-20140206-00002	SCL-MOD-20210105-00001
Amitié	SCL-LIC-20200807-00036	SCL-LIC-20200807-00036
Apollo Cable	SCL-LIC-20010122-00002	SCL-MOD-20020412-00031
Atlantic Crossing 1 (AC-1)	SCL-LIC-20230222-00005	SCL-LIC-20230222-00005
Dunant	SCL-LIC-20190410-00015	SCL-LIC-20190410-00015
FLAG Atlantic-1	SCL-LIC-19990301-00005	SCL-MOD-20040211-00006
Grace Hopper	SCL-LIC-20210225-00014	SCL-LIC-20210225-00014
GTT Atlantic Cable System**	SCL-LIC-19990804-00012	SCL-MOD-20020412-00023
Havfrue	SCL-LIC-20180511-00010	SCL-LIC-20180511-00010
MAREA	SCL-LIC-20160525-00012	SCL-LIC-20160525-00012
TGN Atlantic	SCL-LIC-20000308-00007	SCL-MOD-20060111-00001
Yellow	SCL-LIC-19990913-00019	SCL-MOD-20020415-00026
Pacific Region		
Asia America Gateway (AAG)	SCL-LIC-20070824-00015	SCL-LIC-20070824-00015
Australia-Japan Cable	SCL-LIC-20000629-00025	SCL-MOD-20020415-00050
Echo	SCL-LIC-20210329-00020	SCL-LIC-20210329-00020
FASTER Cable System	SCL-LIC-20150626-00015	SCL-LIC-20150626-00015
GOKI Cable Network	SCL-LIC-20110329-00009	SCL-LIC-20110329-00009
HANTRU1	SCL-LIC-20090302-00005	SCL-LIC-20090302-00005
Hawaiki Cable System	SCL-LIC-20160906-00019	SCL-LIC-20160906-00019
Honotua Cable System	SCL-LIC-20081008-00017	SCL-MOD-20180410-00007
Japan-Guam-Australia (JGA) North System (JGA North)	SCL-LIC-20181106-00035	SCL-LIC-20181106-00035
Japan-Guam-Australia (JGA) South System (JGA South)	SCL-LIC-20190502-00016	SCL-LIC-20190502-00016
Japan-U.S. Cable Network	SCL-LIC-19981117-00025	SCL-MOD-20130227-00002
JUNO	SCL-LIC-20221208-00037	SCL-LIC-20221208-00037
JUPITER	SCL-LIC-20180517-00012	SCL-LIC-20180517-00012
New Cross-Pacific (NCP)	SCL-LIC-20151104-00029	SCL-LIC-20151104-00029
Pacific Crossing-1 (PC-1)	SCL-LIC-19980807-00010	SCL-MOD-20020807-00086
Pacific Light Cable Network (PLCN)	SCL-LIC-20200827-00038	SCL-LIC-20200827-00038
PPC-1	SCL-LIC-20080213-00001	SCL-MOD-20180803-00030
Samoa American Samoa Cable System***	SCL-LIC-20080814-00016	SCL-LIC-20080814-00016
Southeast Asia-US (SEA-US)	SCL-LIC-20150626-00016	SCL-LIC-20150626-00016
Southern Cross Cable Network	SCL-LIC-19971014-00009	SCL-MOD-20200709-00027
Southern Cross NEXT	SCL-LIC-20190809-00026	SCL-LIC-20190809-00026
Telstra Endeavour	SCL-LIC-20070621-00009	SCL-LIC-20070621-00009
TGN Pacific	SCL-LIC-20000717-00026	SCL-MOD-20060111-00002
Trans-Pacific Express (TPE) Cable Network	SCL-LIC-20070222-00002	SCL-MOD-20080714-00012
Unity Cable System	SCL-LIC-20080516-00010	SCL-LIC-20080516-00010

* Formerly Emerald Express Cable System
** Formerly Hibernia Atlantic
*** Formerly American Samoa Hawaii Cable

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6684943
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 6, 2024 **Released: February 7, 2024**

By the Deputy Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during

[1] *See* Informal Complaint No. 6684943 (filed Jan. 9, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *Id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

[6] *Id.* § 64.1120(a)(1)(i)(A).

the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed without authorization.[9] In the complaint, Complainant stated she called Verizon because she lost service and she was informed by Verizon that her telephone service had been "slammed." Complainant explained that Clear Rate had "represented themselves as contracted by Verizon on 08-21-23 when I spoke to them. I believed them to be Verizon."[10] Complainant further explained that "Clear Rate stated they made 2 more contacts with me to verify, which they did not! I've tried canceling their service but get voice mail that provides enough time to say your name and nothing else before it disconnects."[11] Finally, Complainant stated "I feel like they misrepresented themselves and did not verify the 2 times they indicated. We have been with Verizon for more than 25 years and there is NO way I would've switched carriers. By introducing themselves as contracted by Verizon is totally misleading. I want them to cancel their service and I don't feel like we should owe them anything."[12]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[13] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[14] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.[15]

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization

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[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] Informal Complaint No. 6684943.

[10] *Id.*

[11] *Id.*

[12] *Id.*

[13] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[14] Clear Rate Response to Informal Complaint No. 6684943 (filed Jan. 16, 2024) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[15] Clear Rate stated in its response that "they will be following up with management to find out why the account is still not closed. We will go back and credit from the date of port away, but at this time, the account is still pending closure." *See Clear Rate Response* at 2. We caution Clear Rate that it must comply with the Commission's liability rules, which includes removing all charges incurred for service for the first 30 days after it switched Complainant's carrier. *See infra*, para. 7.

to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[16] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service provider, as defined by the rules, and we discuss Clear Rate's liability below.[17]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[18] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[19] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[20]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Kristi Thornton
Deputy Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[16] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

[17] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[18] *See id.* § 64.1160(b).

[19] *See id.* § 64.1160(d).

[20] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6683329
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 6, 2024 **Released: February 7, 2024**

By the Deputy Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during

[1] *See* Informal Complaint No. 6683329 (filed Jan. 8, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *Id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

[6] *Id.* § 64.1120(a)(1)(i)(A).

the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed without his authorization.[9] In the complaint, Complainant stated she received a call from a person who said they "were 'Verizon' and the telephone was going to be going digital."[10] Complainant explained that she "asked the gentleman on the phone over and over if he was from Verizon and he said multiple times he was." She further stated that the representative went over a contract with her which she thought was a new contract because of the switch to "digital." The next day one of complainant's phone lines stopped working and when she called Verizon she was told she was no longer their customer and there was nothing they could do until she received the first bill from Clear Rate. Complainant stated that "when I received the bill, I called and told Clear Rate that I wanted to switch back, they told me they were going to charge me $99 per line to cancel."[11] Finally, Complainant stated that when she called Verizon to switch back to them they "told me there have been multiple people who this was done to."[12]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[13] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[14] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.[15]

6. Based on the evidence in the record, we find Complainant's allegation of a sales call

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[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6683329.

[10] *Id.*

[11] *Id.*

[12] *Id.*

[13] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[14] *See* Clear Rate Response to Informal Complaint No. 6683329 (filed Jan. 17, 2024) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[15] Clear Rate stated in its response that "as of Jan. 17, 2024, their account is still active for two telephone numbers. If Complainant wants to port their service to Verizon they will need to contact Verizon. If they do not port the service away, we will continue our service with them. The balance is due on the account." *See Clear Rate Response* at 2. We caution Clear Rate that it must comply with the Commission's liability rules, which includes removing all charges incurred for service for the first 30 days after it switched Complainant's carrier. *See infra*, para. 7.

misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[16] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service provider, as defined by the rules, and we discuss Clear Rate's liability below.[17]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[18] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[19] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[20]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Kristi Thornton
Deputy Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[16] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

[17] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[18] *See id.* § 64.1160(b).

[19] *See id.* § 64.1160(d).

[20] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6640610
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 6, 2024 **Released: February 7, 2024**

By the Deputy Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during

[1] *See* Informal Complaint No. 6640610 (filed Dec. 14, 2023); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

[6] *Id.* § 64.1120(a)(1)(i)(A).

the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed without his authorization.[9] In the complaint, Complainant stated that a "Company called Clear Rate told me they were Verizon and were going to lower my phone bill. They disconnected me and I don't have phone service for my business or credit card machine. They cost me hundreds in lost revenue today."[10]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[11] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[12] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.[13]

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[14] We therefore find

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[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6640610.

[10] *Id*.

[11] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[12] *See* Clear Rate Response to Informal Complaint No. 6640610 (filed Dec. 27, 2023) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[13] Clear Rate stated in its response that "the account is still showing active…a PNI was opened to verify service was ported back to Verizon. The account should close within the next couple days and all charges on the account will be removed once notification is received from their Service Delivery team that account is closed." *See Clear Rate Response* at 2. We caution Clear Rate that it must comply with the Commission's liability rules, which includes removing all charges incurred for service for the first 30 days after it switched Complainant's carrier. *See infra*, para. 7.

[14] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service provider, as defined by the rules, and we discuss Clear Rate's liability below.[15]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[16] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[17] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[18]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Kristi Thornton
Deputy Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[15] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[16] *See id.* § 64.1160(b).

[17] *See id.* § 64.1160(d).

[18] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
HAWAIIAN TELCOM SERVICES COMPANY, INC.	)	MB Docket No. 23-228
	)	
Complainant,	)	File No. CSR-9012-C
	)	
v.	)	
	)	
NEXSTAR MEDIA INC.,	)	
	)	
Defendant.	)	

MEMORANDUM OPINION AND ORDER AND
NOTICE OF APPARENT LIABILITY FOR FORFEITURE

Adopted: February 7, 2024 **Released: February 7, 2024**

By the Chief, Media Bureau:

I. INTRODUCTION

1. The Commission has before it a complaint[1] filed by Hawaiian Telcom Services Company, Inc. (Hawaiian Telcom) against Nexstar Media Inc. (Nexstar) alleging violations of the requirement to negotiate retransmission consent in good faith pursuant to section 325(b)(3)(C) of the Communications Act of 1934, as amended (the Act), and the Commission's implementing rules.[2] Hawaiian Telcom asserts that Nexstar, as the licensee of six television broadcast stations (Stations) on whose behalf it negotiated renewal of a 2020 agreement governing carriage of the Stations' signals in the Honolulu, Hawaii Designated Market Area (DMA), breached its statutory duty to negotiate in good faith by: (i) refusing to extend the agreement until the parties reached either a new agreement or an impasse (Count I);[3] and (ii) conditioning retransmission consent on Hawaiian Telcom's acceptance of three proposals that, among other things, sought to prevent it from seeking further relief at the Commission

[1] Verified Retransmission Consent Complaint, MB Docket No. 23-228, File No. CSR-9012-C (filed July 5, 2023) (July 5 Complaint); Amended Verified Retransmission Consent Complaint, MB Docket No. 23-228, File No. CSR-9012-C (filed July 17, 2023). As discussed *infra,* Hawaiian Telcom's Amended Complaint, filed on July 17, 2023, alleged additional grounds for finding that Nexstar failed to negotiate in good faith. Because Hawaiian Telcom in that complaint also reasserted the initial claims put forth in its July 5 Complaint, for ease of reference, we refer to the Amended Complaint as the "Complaint" or "July 17 Complaint."

[2] 47 U.S.C. § 325(b)(3)(C); 47 CFR § 76.65. *See also* 47 CFR § 76.7.

[3] Complaint at 2; Hawaiian Telcom's Reply to Answer, MB Docket No. 23-228, File No. CSR-9012-C (filed Aug. 17, 2023) at 17 (Reply).

with respect to the parties' negotiation and final renewal agreement (Count II).[4] For the reasons set forth below, we find that Hawaiian Telcom: (i) has failed to meet its burden of proof with respect to Count I; and (ii) has satisfied its burden of proof with respect to Count II, in particular, that Nexstar breached its duty to negotiate in good faith under the "totality of the circumstances" test by proposing terms for renewal of the parties' agreement that would have foreclosed Hawaiian Telcom from filing complaints with the Commission.[5] We, therefore, grant the Complaint, in part, and propose a forfeiture amount of $120,000 against Nexstar with respect to each of the six continuing violations in this case.

II. BACKGROUND

A. Relevant Law

2. Section 325(b)(3)(C) of the Act imposes on television broadcast stations and multichannel video programming distributors (MVPDs) a duty to negotiate retransmission consent in good faith.[6] Specifically, section 325(b)(3)(C)(ii) directs the Commission to establish rules that "prohibit a television broadcast station that provides retransmission consent from . . . failing to negotiate in good faith."[7] Section 325 also provides that "enter[ing] into retransmission consent agreements containing different terms and conditions . . . with different [MVPDs]," is not a violation of the duty to negotiate in good faith "if such different terms and conditions are based on competitive marketplace considerations."[8] In the 2000 *Good Faith Order*, the Commission adopted rules that implemented the statutory good faith negotiation provision and established complaint procedures for alleged violations of the rules.[9] The *Good*

[4] Specifically, Hawaiian Telcom asserts that Nexstar proposed to condition the grant of retransmission consent by requiring that Hawaiian Telcom "release Nexstar from claims that it acted in bad faith, withdraw the Initial Complaint, and forego all rights to file future complaints against Nexstar." Complaint at 14.

[5] We decline to address at this time whether the other contemporaneous proposals put forth by Nexstar – specifically the proposals to require that Hawaiian Telcom release Nexstar from its bad faith claims and to require that Hawaiian Telcom withdraw its complaint – were a dereliction of its duty to negotiate retransmission consent in good faith. *See id*. at 4 (claiming that each of three proposals put forth by Nexstar constitutes a breach of its good faith duty). In contrast to Nexstar's proposal to foreclose the filing of future complaints, the Commission has not spoken directly to the issue whether release/settlement provisions of this kind would violate the good faith duty, and such provisions may not in all cases run counter to the public interest. *See Application of Robert L. Kile*, File No. 00376–CL–AL–87, Memorandum Opinion and Order, 5 FCC Rcd 513, 514, para. 11 & n.11 (1990) ("Generally, we would hold that an agreement to withhold evidence of a serious violation of the Act or the Commission's Rules would be void as against public policy. However, Section 6.7 of the agreement does not have such sinister overtones and appears to be typical of settlement agreements in that it seeks to enforce a settling party's expectation that no further litigation will be brought by the settling parties."). Given that we have found Nexstar to have clearly violated its duty to negotiate in good faith as discussed herein and proposed significant forfeitures for its violations, further action at this time to deter future breaches of its duty (whether via use of the same, or similar, contract provisions) may not be necessary. We will not hesitate to revisit these issues and take appropriate action should Nexstar continue to fail in its duty to negotiate retransmission consent in good faith.

[6] 47 U.S.C. § 325(b)(3)(C).

[7] *Id*. § 325(b)(3)(C)(ii).

[8] *Id*.

[9] *Implementation of the Satellite Home Viewer Improvement Act of 1999, Retransmission Consent Issues: Good Faith Negotiation and Exclusivity*, First Report and Order, CS Docket No. 99-363, 15 FCC Rcd 5445 (2000) (*Good Faith Order*), *recon. granted in part*, Order on Reconsideration, 16 FCC Rcd 15599 (2001).

Faith Order adopted a two-part test for good faith.[10] The first part of the test sets forth an objective list of negotiation standards.[11] Each of the standards applies to "Negotiating Entit[ies]," which the rules define as "a broadcast television station or [MVPD]."[12] A Negotiating Entity that engages in any of the acts or practices set forth in the list is deemed to have committed a *per se* breach of its statutory duty to negotiate retransmission consent in good faith.[13] One of the *per se* standards, which is implicated in this case, provides that "a Negotiating Entity may not refuse to negotiate regarding retransmission consent."[14] As the Commission has explained, "[t]his requirement goes to the very heart of Congress' purpose in enacting the good faith negotiation requirement."[15] Under this standard, Negotiating Entities must actively participate in retransmission consent negotiations with the intent of reaching agreement; however, the failure to reach agreement, in itself, is not a violation of the statute or its implementing rules.[16]

3. The second part of the good faith test considers whether a Negotiating Entity has failed to negotiate in good faith based on the "totality of the circumstances."[17] Under this standard, a broadcast station or MVPD may present facts to the Commission that, viewed in totality, amount to a failure to negotiate in good faith.[18] When adopting this standard, the Commission explained that specific retransmission consent proposals could be "sufficiently outrageous. . . as to breach [the] good faith negotiation obligation."[19] The Commission stated further that, while it was "difficult to develop a . . . list of proposals that indicate an automatic absence of competitive marketplace considerations . . . it is implicit in section 325(b)(3)(C) that any effort to stifle competition through the negotiation process would not meet the good faith negotiation requirement."[20] Consistent with this reasoning, the Commission identified several examples of "bargaining proposals [that] presumptively are not consistent with competitive marketplace considerations and the good faith negotiation requirement," including "proposals for contract terms that would foreclose the filing of complaints with the Commission."[21]

[10] *Good Faith Order*, 15 FCC Rcd at 5457, para. 30.

[11] 47 CFR §§ 76.65(b)(1)(i)–(ix) (listing *per se* standards for good faith negotiation). Although the requirement to negotiate in good faith originally was imposed only on television broadcast stations, a reciprocal obligation later was imposed on MVPDs. *See Implementation of Section 207 of the Satellite Home Viewer Extension and Reauthorization Act of 2004: Reciprocal Bargaining Obligation*, Report and Order, 20 FCC Rcd 10339 (2005).

[12] 47 CFR § 76.65(b)(1).

[13] *Good Faith Order*, 15 FCC Rcd at 5462-64, paras. 40-46.

[14] 47 CFR § 76.65(b)(1)(i).

[15] *Good Faith Order*, 15 FCC Rcd at 5462, para. 40.

[16] *Id*.

[17] 47 CFR § 76.65(b)(2).

[18] *Id*.

[19] *Good Faith Order*, 15 FCC Rcd at 5458, para. 32.

[20] *Id*. at 5470, para. 58.

[21] *Id*.

4. A broadcast station or MVPD that believes itself aggrieved under the good faith rules may file a complaint pursuant to section 76.7 of the Commission's rules.[22] The burden of proof in good faith complaint proceedings is on the complainant.[23]

B. Factual Summary

5. Hawaiian Telcom is an MVPD that began offering cable television service in Hawaii in 2011.[24] Nexstar is the licensee of several television broadcast stations that serve the Honolulu, Hawaii DMA, including KHON-TV (Fox, CW, GRIT and Rewind TV) and KHII (MyNetwork TV), and their satellite stations (KHAW-TV, KGMV, KGMD-TV and KAII-TV).[25] In May 2023, Hawaiian Telcom and Nexstar began negotiating renewal of a 2020 agreement for retransmission of the Stations' broadcast signals, which was set to expire the following month.[26] On June 29 and again on June 30, 2023, Hawaiian Telcom requested a one-week extension of the parties' agreement.[27] Nexstar denied those requests, and instead granted a one-hour extension.[28] As that hour drew to a close, Hawaiian Telcom, lacking further extension of retransmission consent, notified Nexstar that it would be ceasing transmission of the Stations' signals.[29] Nexstar thereafter offered an additional one-hour extension, and was informed that the signals had been taken down.[30] Despite continuing negotiations, Hawaiian Telcom on July 5, 2023 filed a complaint against Nexstar alleging good faith violations.[31] During the course of subsequent exchanges, Nexstar on July 12, 2023 presented three additional proposals that, among other things, sought to prevent Hawaiian Telcom from seeking further action from the Commission concerning the negotiation or execution of the parties' renewal agreement.[32] Hawaiian Telcom rejected those proposals and filed an

[22] 47 CFR §§ 76.65(c), 76.7.

[23] *Id*. § 76.65(d).

[24] Complaint at 5. Hawaiian Telcom asserts that its cable television subscribers rely on its service to receive the Stations' signals due to large areas where off-air reception is not possible due to mountainous terrain. July 5 Complaint at 9.

[25] Complaint at 6.

[26] Reply at 5; Nexstar's Answer to Retransmission Consent Complaint of Hawaiian Telcom Services Company, Inc., MB Docket No. 23-228, File No. CSR-9012-C (filed Aug. 7, 2023) at 3 (Answer). Nexstar asserts that the Answer contains commercial proprietary information relating to Nexstar's retransmission agreements and negotiation thereof, and, consequently, should be treated confidentially and withheld from public inspection under section 0.457(c)(5) and 0.457(d) of the Commission's rules. Letter from Eve Reed and Gregory L. Masters, Counsel for Nexstar Media Inc., Wiley Rein LLP, to Marlene H. Dortch, Secretary, FCC, MB Docket No. 23-228, CSR-9012-C (Aug. 7, 2023) (Request for Confidential Treatment). While we do not rule on this request at this time, we have relied on information placed in the public portion of the record.

[27] Complaint at 2; Answer at 4.

[28] July 5 Complaint at 10.

[29] Answer at 5; July 5 Complaint at 10.

[30] Answer at 5.

[31] Complaint at ii. In particular, Hawaiian Telcom alleged in the Complaint that Nexstar breached its duty to negotiate in good faith by refusing to maintain the *status quo* of the existing retransmission agreement while the parties were actively negotiating for renewal. *Id*. at 13, 15; Reply at 8, 10-11, 16.

[32] Complaint at 4; Reply at 7, 13. In particular, Hawaiian Telcom asserts that the proposed contract provision would have required it to forgo any right to "petition or otherwise seek any actions, involvement or remedies from the FCC pertaining to the negotiation or execution of this Agreement." Complaint at 12.

amended complaint on July 17, 2023 alleging additional good faith violations stemming therefrom.[33] Two days later, Nexstar notified Hawaiian Telcom that it was withdrawing the proposals,[34] and the parties executed a renewal agreement on July 20, 2023.[35] On August 7, 2023, Nexstar filed an Answer to the Complaint;[36] on August 17, 2023, Hawaiian Telcom filed a Reply.[37]

6. On the basis of these facts, Hawaiian Telcom asserts that Nexstar breached its duty to negotiate retransmission consent in good faith by: (i) refusing to extend the parties' 2020 retransmission agreement until the parties reached either a new agreement or an impasse (Count I); and (ii) conditioning retransmission consent on Hawaiian Telcom's acceptance of Nexstar's three additional proposals (Count II).[38]

III. DISCUSSION

7. Based on our review of the record, we find that: (i) Hawaiian Telcom has failed to meet its burden of proving that Nexstar breached its duty to negotiate retransmission consent in good faith (under the *per se* standards or the totality of the circumstances test) by refusing to extend the parties' 2020 agreement until the parties reached either a new agreement or an impasse; and (ii) Hawaiian Telcom has met its burden of proving that Nexstar, based on the totality of the circumstances, breached its duty to negotiate in good faith by proposing terms for renewal of the parties' agreement that sought to foreclose Hawaiian Telcom from filing complaints with the Commission. We, therefore, deny the Complaint with respect to Count I, and grant the Complaint with respect to Count II to the extent discussed herein.

8. *Count I*. We find that Nexstar's refusal to extend the parties' 2020 agreement until the parties reached either a new agreement or an impasse did not constitute a violation of the requirement to negotiate retransmission consent in good faith. Hawaiian Telcom argues:

> Inherent in the duty to negotiate the terms and conditions of retransmission consent . . . in good faith is the duty to *actually negotiate.* Circumvention of that obligation is the epitome of bad faith and constitutes a *per se* violation of the good faith negotiating requirement. In renewal negotiations, a broadcaster's withdrawal of retransmission in the absence of impasse is . . . a failure to negotiate.[39]

9. Although Hawaiian Telcom acknowledges that the Commission lacks authority to compel a grant of consent during negotiations, it asserts that the agency "can nevertheless enforce its good faith rules by finding that, absent [an] impasse, a broadcaster's termination of retransmission consent is an act

[33] *See generally* Complaint. Hawaiian Telcom requested expedited treatment of its amended complaint, but subsequently withdrew that request after the parties reached a new agreement and carriage of the Stations' signals had been restored. Reply at 16.

[34] *Id*. at 14.

[35] *Id*. at 5.

[36] *See generally* Answer.

[37] *See generally* Reply.

[38] Complaint at 14.

[39] July 5 Complaint at 5 (emphasis in original), *citing* 47 CFR § 76.65(b)(1)(i) ("The following actions or practices violate a broadcast television station's or [MVPD's] duty to negotiate retransmission consent agreements in good faith…(i) Refusal by a Negotiating Entity to negotiate retransmission consent...").

of bad faith," subject to potential forfeitures.[40] In support of this claim, Hawaiian Telcom references the Commission's statement in the *Good Faith Order* that "Congress intended that the [agency] follow established precedent, particularly in the field of [federal] labor law," and asserts that under labor law precedent, "unilateral action changing the status quo of a mandatory subject of bargaining" absent an impasse "circumvent[s] . . . the duty to negotiate."[41] As applied to its renewal negotiations with Nexstar, Hawaiian Telcom contends that Nexstar's withdrawal of retransmission consent "change[d] the status quo" and therefore would have been lawful only if the parties had "reached an impasse."[42] It asserts, moreover, that no impasse was reached because "[the parties] continue[d] to exchange proposals" notwithstanding the blackout.[43] Hawaiian Telcom alternatively argues that, under the totality of the circumstances test, a cable operator may prove a violation of the good faith negotiation requirement by presenting facts that "reflect an absence of a sincere desire to reach an agreement that is acceptable to both parties."[44] It argues that in this case, Nexstar's withdrawal of retransmission consent during active negotiations evidences an "active effort[] to force acceptance of . . . terms and conditions . . . that are [not] mutually acceptable. . . ."[45]

10. We find no merit to these claims. In establishing the framework for good faith negotiation of retransmission consent, the Commission specifically rejected a proposal by MVPDs that "where an MVPD shows a willingness to negotiate for continued carriage of a local broadcast station, the station should have an affirmative duty to negotiate terms for such carriage and should not be permitted to withhold retransmission consent while such negotiations are pending."[46] In so doing, the Commission reasoned that such a requirement was "foreclose[d]" by "unambiguous" provisions of the Act, and that there was "no latitude for [it] to adopt regulations permitting retransmission during good faith negotiation . . . where the broadcaster has not consented to such retransmission."[47] Although the Commission "strongly encourage[d]"[48] parties engaged in "protracted . . . negotiations [to] agree to short-term…extensions,"[49] the *Good Faith Order* makes clear that such extensions cannot lawfully be required under the Act. The Commission later reinforced this conclusion in a separate rulemaking exploring ways to update its good faith negotiation rules:

> We do not believe that the Commission has authority to adopt . . . interim carriage mechanisms . . . applicable to retransmission consent negotiations. . . . [T]he Act and its legislative history . . . convince[] us that the Commission lacks authority to order carriage in the absence of a broadcaster's consent due to a retransmission consent dispute. Rather, [s]ection 325(b) of the Act expressly prohibits the retransmission of a broadcast signal

[40] *Id*. at 7.

[41] *Id*. at 5-6 (asserting that in the context of retransmission consent renewal negotiations, the grant of retransmission consent is a "mandatory subject").

[42] *Id*.

[43] *Id*.

[44] *Id*. at 8.

[45] *Id*.

[46] *Good Faith Order*, 15 FCC Rcd at 5471, para. 59.

[47] *Id*.

[48] *Id*. at 5472, para. 61.

[49] *Id*.

> without the broadcaster's consent. Furthermore, . . . the legislative history of section 325(b) . . . states that the retransmission consent provisions were not intended 'to dictate the outcome of the ensuing marketplace negotiations' and that broadcasters would retain the 'right to control retransmission and to be compensated for others' use of their signals.' We thus interpret [s]ection 325(b) to prevent the Commission from ordering carriage over the objection of the broadcaster, even upon a finding of a violation of the good faith negotiation requirement.[50]

11. To the extent Hawaiian Telcom asserts that the Commission is authorized to impose remedies *other than* carriage (*e.g.*, a monetary forfeiture) for Nexstar's refusal to extend the parties' 2020 agreement pending a renewal or an impasse,[51] we find that argument unpersuasive. Given the Commission's conclusion that a broadcast station's refusal to allow carriage during the pendency of negotiations does not constitute a breach of its good faith duty under section 325 of the Act and its implementing rules,[52] there would be no basis for imposing a forfeiture in such circumstances. For these reasons, we deny Count I of the Complaint.[53]

12. *Count II*. We find, based on the totality of the circumstances in this case, that Nexstar has breached its duty to negotiate retransmission consent in good faith by proposing terms for renewal of the parties' agreement that would have foreclosed Hawaiian Telcom from filing complaints with the Commission relating to the parties' negotiation and final renewal agreement.

13. We note that Nexstar does not dispute that it proposed so-called "mutual release" or "clean slate" provisions that contained language seeking to prevent Hawaiian Telcom from bringing future complaints to the Commission.[54] Rather, Nexstar's defense is that such provisions were not unlawful because: (i) they would have applied mutually to both parties (*i.e.*, not just to Hawaiian

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[50] *Amendment of the Commission's Rules Related to Retransmission Consent,* Notice of Proposed Rulemaking, 26 FCC Rcd 2718, 2727-2729, paras. 17-19 (2011). *See also Gray Television Licensee, LLC and Gray Media Group, Inc., Complainants, v. Citizens Telecom Services Company, LLC d/b/a Frontier Communications, Defendant*, Memorandum Opinion and Order, 36 FCC Rcd 7450, 7457, para. 16 (MB 2021) ("[T]he Commission does not require broadcasters and MVPDs to reach agreement or *to agree to an extension*.") (emphasis added).

[51] July 5 Complaint at 7 (conceding that the Commission lacks authority to compel carriage, but asserting that it nevertheless can "satisfy its statutory obligations with respect to good faith negotiations by assessing . . . fines to dissuade conduct violative of its rules").

[52] *See Good Faith Order*, 15 FCC Rcd at 5471, para. 59 (rejecting MVPD arguments that the duty to negotiate in good faith imposes an "affirmative duty to negotiate terms for . . . carriage and [prohibits broadcast stations] from withhold[ing] retransmission consent while such negotiations are pending"). *See also Echostar Satellite Corp. v. Young Broadcasting, Inc., et al.*, Memorandum Opinion and Order, 16 FCC Rcd 15070, 15081, para. 24 (CSB 2001) (finding that "refus[al] to enter into a short-term extension while efforts were made between the parties to resolve their differences" did not constitute bad faith, and that the Commission previously has not suggested "that failure to agree to such an extension would violate [its] rules under either the objective or totality of the circumstances tests").

[53] Because the Commission has spoken directly to the issue whether it is empowered under section 325 of the Act to order interim carriage even upon a finding that a party has failed to negotiate in good faith, we need not address the labor law precedent referenced by Hawaiian Telcom in support of Count I. *See* July 5 Complaint at 6-8; Reply at 8-10, 13.

[54] Answer at 6-7, 14-15.

Telcom);[55] and (ii) they would not have prevented Hawaiian Telcom from filing *any* future complaint against Nexstar, but rather, only complaints stemming from the specific negotiation leading to a renewal agreement.[56] We find these arguments unpersuasive. As noted, the *Good Faith Order* plainly states that "proposals for contract terms that would foreclose the filing of complaints with the Commission" are presumptively at odds with the good faith negotiation requirement.[57] In denouncing this and similar proposals, the Commission explained:

> [A]ny effort to stifle competition through the negotiation process would not meet the good faith negotiation requirement. Considerations that are designed to frustrate the functioning of a competitive market are not 'competitive marketplace considerations.' Conduct that is violative of national policies favoring competition . . . is not within the competitive marketplace considerations standard included in the statute.[58]

14. Contrary to Nexstar's suggestion, the *Good Faith Order* contains no exception or qualifying language that supports interpreting the phrase "proposals for contract terms that would foreclose the filing of complaints" as narrowly as Nexstar advocates. In particular, the fact that the provisions called for a mutual release of claims is irrelevant, as is the fact that Hawaiian Telcom was not prevented (nor would have been prevented) from filing *any* complaint. This is because Hawaiian Telcom, under the express terms of Nexstar's proposal, would have been foreclosed from filing complaints with the Commission, a proposal deemed presumptively inconsistent with good faith bargaining based on a straightforward reading of the *Good Faith Order*.[59] Moreover, Nexstar's assertion that such proposals are not novel and are routinely included in carriage agreements is also inapposite;[60] the Commission's rules expressly contemplate the possibility that Negotiating Entities may reach an agreement despite bad faith conduct on the part of one of the entities, and permit complaints in those scenarios.[61]

IV. NOTICE OF APPARENT LIABILITY FOR FORFEITURE

15. Based on our review of the record, we find that Nexstar, as licensee of the Stations, has apparently willfully and repeatedly violated section 325(b)(3)(C) of the Act[62] and section 76.65 of the Commission's rules[63] by proposing terms for renewal of the Stations' agreement with Hawaiian Telcom

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[55] *Id*. at 6 (acknowledging its proposal that the parties "mutually agree to release their claims against one another"). Hawaiian Telcom asserts that it neither requested, nor desired, a mutual release provision because it did nothing unlawful. Reply at 14.

[56] Answer at 15 (arguing in defense of its proposal that "parties typically agree . . . to forbear from further requesting legal relief arising from the settled matters" once retransmission consent agreements have been reached).

[57] *Good Faith Order*, 15 FCC Rcd at 5470, para. 58.

[58] *Id*.

[59] Answer at 14.

[60] We note that Hawaiian Telcom disputes Nexstar's claim, asserting that mutual release provisions such as those proposed here are overwhelmingly insisted upon by broadcasters, not MVPDs. Reply at 14 ("Facing the prospect of either granting the release or having a signal blacked out, MVPDs typically grant the release and withdraw complaints.").

[61] *See* 47 CFR § 76.65(e)(1).

[62] 47 U.S.C. § 325(b)(3)(C).

[63] 47 CFR § 76.65.

that are presumptively inconsistent with the their duty to negotiate retransmission consent in good faith.[64] In particular, we find that Nexstar has apparently breached its duty to negotiate in good faith by proposing contract terms that would have foreclosed Hawaiian Telcom from filing complaints with the Commission with respect to the parties' negotiation and final renewal agreement.

16. Section 503(b)(1)(B) of the Act authorizes the Commission to impose a forfeiture against any entity that "willfully or repeatedly fail[s] to comply with any of the provisions of [the Act] or of any rule, regulation, or order issued by the Commission."[65] Section 312(f)(1) of the Act defines "willful" as the "conscious and deliberate commission or omission of [any] act, irrespective of any intent to violate" the law.[66] This definition of willful applies to section 503(b) of the Act.[67]

17. In addition, section 503(b)(2)(A) of the Act authorizes the Commission to assess a forfeiture against Nexstar with respect to each of the Stations (which are "Negotiating Entities" under the Commission's retransmission consent rules and thus obligated to negotiate in good faith) of up to $59,316 per violation or day of a continuing violation, up to a statutory maximum of $593,170 for a single act or failure to act.[68] In exercising our forfeiture authority, we consider the nature, circumstances, extent, and gravity of the violation and, with respect to the violator, the degree of culpability, any history of prior offenses, ability to pay, substantial economic gain, and such other matters as justice may require.[69] As required by the Act, the Commission applies these statutory factors to determine an appropriate forfeiture amount based on its evaluation of the merits of each case.[70] Additionally, the Commission has established base forfeitures to reflect "the degree of harm or potential for harm that may arise from the violation."[71] In cases where it has not established a base forfeiture amount for an apparent violation, it has looked to

[64] *Good Faith Order*, 15 FCC Rcd at 5470, para. 58.

[65] 47 U.S.C. § 503(b)(1)(B).

[66] 47 U.S.C. § 312(f)(1).

[67] *See, e.g.*, *Southern California Broadcasting Co.*, Memorandum Opinion and Order, 6 FCC Rcd 4387, 4388, para. 5 (1991) ("[C]onsistent with congressional intent, recent Commission interpretations of 'willful' do not require licensee intent to engage in a violation."), *recon. denied*, 7 FCC Rcd 3453 (1992).

[68] 47 U.S.C. § 503(b)(2)(A). These amounts reflect inflation adjustments of the forfeitures specified in section 503(b)(2)(A) of the Act. The Federal Civil Penalties Inflation Adjustment Act Improvements Act of 2015, Pub. L. No. 114-74, § 701, 129 Stat. 584, 599 (2015 Inflation Adjustment Act) required agencies, starting in 2017, to adjust annually the civil monetary penalties covered thereunder, and to publish each such annual adjustment by January 15. 47 CFR § 1.80(b)(1). The 2015 Inflation Adjustment Act amended the Federal Civil Penalties Inflation Adjustment Act of 1990, which is codified, as amended, at 28 U.S.C. § 2461 note (4). The Enforcement Bureau of the FCC released the order making the 2023 annual adjustment on December 23, 2022. *See Amendment of Section 1.80(b) of the Commission's Rules, of Civil Monetary Penalties to Reflect Inflation*, Order, 37 FCC Rcd 15060 (EB 2022) (setting January 15, 2023, as the effective date for the increases). The 2015 Inflation Adjustment Act provides that the new penalty levels shall apply to penalties assessed after the effective date of the increase. *See* 28 U.S.C. § 2461 note, citing Inflation Adjustment Act, as amended § 6.

[69] 47 U.S.C. § 503(b)(2)(E); 47 CFR § 1.80(b)(11), Note § II.

[70] 47 U.S.C. § 503(b).

[71] *Commission's Forfeiture Policy Statement and Amendment of Section 1.80 of the Rules to Incorporate the Forfeiture Guidelines*, Report and Order, 12 FCC Rcd 17087, 17098, para. 20 (*Forfeiture Policy Statement*), *recon. denied*, Memorandum Opinion and Order, 15 FCC Rcd 303 (1999).

forfeitures issued in analogous cases for guidance.[72] The Commission, moreover, is authorized to adjust the base forfeiture amount upward or downward, taking into account the particular facts in each case.[73]

18. The Commission's *Forfeiture Policy Statement* establishes a base forfeiture of $7,500 for "violation of the cable broadcast carriage rules."[74] Nexstar's apparently violative conduct arose from its proposing, as licensee for the Stations, contract provisions that sought to foreclose Hawaiian Telcom from filing complaints with the Commission.[75] We, therefore, find that the conduct at issue was a "single act" that continued over a period of several days.[76] Furthermore, we find that Nexstar breached its duty to

[72] *See DirectTV, LLC; AT&T Services, Inc. v. Deerfield Media, Inc.*, Forfeiture Order, 35 FCC Rcd 10695, 10718, para. 57 (2020) (*Deerfield*) (citing *Cumulus Radio LLC; Radio Licensing Holding CBC, LLC; Cumulus Licensing LLC; and Radio License Holdings LLC,* Notice of Apparent Liability for Forfeiture, 34 FCC Rcd 7289, 7294-95, para. 14 (2019) (internal citations omitted).

[73] *Forfeiture Policy Statement*, 12 FCC Rcd at 17099, para. 22 (noting that "[a]lthough [the Commission has] adopted the base forfeiture amounts as guidelines to provide a measure of predictability to the forfeiture process, [the Commission] retain[s the] discretion to depart from the guidelines and issue forfeitures on a case-by-case basis, under [the] general forfeiture authority contained in Section 503 of the Act"). *See also* 47 CFR § 1.80, note to (b)(11)(section II):

Upward Adjustment Criteria
(1) Egregious misconduct.
(2) Ability to pay/relative disincentive.
(3) Intentional violation.
(4) Substantial harm.
(5) Prior violations of any FCC requirements.
(6) Substantial economic gain.
(7) Repeated or continuous violation.

Downward Adjustment Criteria
(1) Minor violation.
(2) Good faith or voluntary disclosure.
(3) History of overall compliance.
(4) Inability to pay.

[74] *Forfeiture Policy Statement,* 12 FCC Rcd at 17113; 47 CFR § 1.80(b)(11), Table 2 (setting the base forfeiture amount for violations of the cable broadcast carriage rules at $7,500).

[75] Complaint at 4; Reply at 7, 13.

[76] *See, e.g.*, *Acerome Jean Charles, Boston, Massachusetts*, Notice of Apparent Liability for Forfeiture, 34 FCC Rcd 12744, 12747, para. 15 (2019) ("[D]uring the 27-day period . . . Jean Charles was apparently committing a single, continuing violation of section 301 of the Act. We therefore propose a base forfeiture of $10,000 for each day during this 27-day period, resulting in a proposed base forfeiture of $270,000."). We note that in another matter involving violations of the retransmission consent provisions of the Act and our rules, the Commission used a different method for calculating the forfeiture. *See TV Max, Inc. and Broadband Ventures Six, LLC d/b/a Wavevision, Thomas M. Balun, Eric Meltzer, and Richard Gomez, et al*., MB Docket Nos. 12-113, 12-181, 12-222, and 12-266, Forfeiture Order, 29 FCC Rcd 8648 (2014) (*TV Max*). *TV Max* involved a cable operator that was found to have retransmitted the signals of six full-power commercial television broadcast stations for more than a year without the express written consent of the stations. *Id*. In that case, the Commission considered each day that the cable operator carried broadcast programming in violation of the retransmission consent requirements to be a separate, repeated violation for which a forfeiture could be imposed. *See id*. at 8659 n.75 ("We consider each day that TV Max retransmitted each of the six Stations without consent to be a separate violation"); *id*. at 8660 n.77 (explaining that calculation of a "straightforward application of the base forfeiture amount" in that case would be: "$7,500 base forfeiture amount x 365 violations [within the one year statute of limitations] x 6 unlawfully carried

negotiate in good faith with respect to each of the six stations whose carriage was the subject of the parties' negotiations.[77] As noted, the "Negotiating Entities" subject to the rules are individual television broadcast stations, not licensees or station groups.[78] We also take into account that the harm suffered by Hawaiian Telcom's subscribers was multiplied with each station that went dark, which in this case, included "three of the big six broadcast stations, including the top-rated station."[79] The record indicates that Nexstar proposed the violative contract provision on July 12, 2023.[80] For each of the stations, therefore, an apparent violation began on July 12, 2023 and continued for eight days until July 20, 2023, the date on which the parties executed a renewal agreement that no longer contained that provision.[81] We multiply the $7,500 per day base forfeiture amount set forth in section 1.80 of the Commission's rules by the number of days that the apparent violations continued (8). This calculation ($7,500 x 8) yields a base forfeiture of $60,000 for each of the six apparent violations, which we then adjust upward, as discussed below, based on our assessment of the statutory factors.

19. As noted, the Commission, in exercising its forfeiture authority, has discretion to adjust the base forfeiture amount depending on the particular facts and circumstances of the violation.[82] In

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stations = $16,425,000"). We find the nature of the apparent violations at issue in this case, however, to be distinguishable from the factual circumstances presented in *TV Max*. Specifically, we find that the conduct here (unlike that sanctioned in *TV Max*) more closely resembles a situation involving a single dereliction (*e.g.*, here, proposing contract provisions that the Commission has deemed to be presumptively at odds with the statutory duty to negotiate in good faith) which persists until remedied (*e.g.*, here, until the licensee withdraws or abandons the proposed contract provisions in its negotiations). In other words, here there existed a continuing or persistent legal duty that the licensee steadily failed to fulfill. *See, e.g.*, *Enserch Corporation*, Forfeiture Order, 15 FCC Rcd 13551, 13554, para. 10 (2000) (treating unauthorized transfer of control as a continuing violation that does not end until the Commission grants a transfer of control application).

[77] As noted, four of the six stations for whom Nexstar negotiated in this case are satellite stations. The Commission has defined "satellite station" as one "operating on a channel specified in the...Table of Assignments and meeting all of the technical requirements of our rules, but one which usually originates no local programming.... It rebroadcasts the programming of the parent station." *Multiple Ownership Rules*, 3 RR2d 1554, 1562, para. 3 (1964). Satellite stations are "full power terrestrial broadcast stations authorized under Part 73 of the Commission's [r]ules to retransmit all or part of the programming of a parent station that is ordinarily commonly owned." *Television Satellite Stations Review of Policy and Rules*, Report and Order, 6 FCC Rcd 4212, para. 3 (1991). Each of the four satellite stations in the present case thus qualifies as a "television broadcast station" with individual retransmission consent rights -- and responsibilities -- under section 325 of the Act. *See* 47 U.S.C. § 325(b)(3)(C) (referencing the exercise by "television broadcast stations" of the right to grant retransmission consent), § 325(b)(7) (defining "television broadcast station" as "an over-the-air commercial or noncommercial television broadcast station licensed by the Commission under subpart E of part 73 of title 47, Code of Federal Regulations, except that such term does not include a low-power or translator television station"). *See also DIRECTV, LLC; AT&T Services, Inc., Complainants, v. Deerfield Media, et. al., Defendants*, Forfeiture Order, 36 FCC Rcd 12078, 12095, para. 38 (2021) (declining to cancel or reduce a forfeiture with respect to a satellite station because the station was identified as part of the station group represented in retransmission consent negotiations, "separately listed in the Complaint without objection by the Defendants," and among the stations covered by a prior Bureau decision without objection from the defendants). Nexstar makes no assertion to the contrary.

[78] *Supra* para. 2.

[79] Reply at 1.

[80] Complaint at iii, 12.

[81] Answer at 8.

[82] *In the Matter of Globalcom, Inc. D/B/A Globalcom Global Communications*, Apparent Liability for Forfeiture, 21 FCC Rcd 4710, at 4721, para. 30 (2006).

addition, the Commission has identified upward and downward adjustment factors that it may consider in determining forfeitures.[83] For example, the Commission has stated that "for large or highly profitable communications entities, the base forfeiture amounts … are generally low,"[84] and that such entities thus "should expect . . . that the forfeiture amount" could "be above, or even well above, the relevant base amount."[85] After reviewing the facts and circumstances of this case, we find that, in light of Nexstar's revenues and prior violations of Commission rules,[86] the public interest would be served by upwardly adjusting to $120,000 the per violation base forfeiture amount to ensure that Nexstar's ability to pay[87] does not render the proposed forfeiture "merely an affordable cost of doing business" and that the forfeiture acts as a "meaningful sanction and deterrent against future misconduct."[88] In this regard, we note that the Commission in a separate enforcement proceeding recently observed that "Nexstar is a large,

[83] *Forfeiture Policy Statement*, 12 FCC Rcd at 17099.

[84] *Id*.

[85] *See SBC Communications Inc.*, Order on Review, 17 FCC Rcd 4043, 4052, para. 20 (2002).

[86] *See, e.g.*, *Nexstar Broadcasting, Inc., Licensee of Station WQRF-TV Rockford, Illinois*, Forfeiture Order, 25 FCC Rcd 1171 (Video Div. 2010) (issuing a $10,000 monetary forfeiture to Nexstar for its willful and repeated violation of section 73.3526(e)(11)(iii) of the Commission's rules, which requires licensees to publicize the existence and location of Children's Television Programming Reports).

[87] Nexstar's 2022 net revenues were significantly in excess of five billion dollars, and have been trending consistently upwards. Nexstar Media, Inc., *Form 10-K 2022* (February 28, 2023) https://www.sec.gov/ix?doc=/Archives/edgar/data/1142417/000095017023005209/nxst-20221231.htm. *See also In the Matter of Notice of Apparent Liability for Forfeiture of Enserch Corp.,* Notice of Apparent Liability for Forfeiture, 1999 WL 519302 *3 (1999) ("To ensure that [this licensee's] . . . extraordinary ability to pay a forfeiture does not attenuate the remedial effect forfeitures are designed to impart, we . . . issue a forfeiture commensurate with the . . . licensee's ability to pay."). *See also Gray Television, Inc. Parent of Gray Television Licensee, LLC, Licensee of Stations KYES-TV, Anchorage, AK and KTUU-TV, Anchorage, AK*, Notice of Apparent Liability for Forfeiture, 36 FCC Rcd 10856, 10862, para. 13 (2021) (stating that the "[a]bility to pay/relative disincentive" criterion would support an upward adjustment for [Gray] with its significantly higher-than-usual ability to pay and establish a deterrent to such transgressions in the future"); *Gray Television, Inc. Parent of Gray Television Licensee, LLC, Licensee of Stations KYES-TV, Anchorage, AK and KTUU-TV, Anchorage, AK*, Forfeiture Order, 2022 WL 16647929, **10-11 (Nov. 1, 2022) (observing that Gray's ability to pay and the "need for a relative disincentive" and "scaled deterrence" justifies an upward adjustment to the forfeiture amount).

[88] *Notice of Apparent Liability for Forfeiture of Enserch Corp. Licensee of 23 Fixed Microwave Service Stations and 147 Private Land Mobile Radio Service Stations Operating throughout Texas*, File No. 92EF0033, Notice of Apparent Liability for Forfeiture, 14 FCC Rcd 16757, para. 8 (1999). *See also Cumulus Radio LLC; Radio License Holding CBC, LLC; Cumulus Licensing LLC; and Radio License Holdings LLC*, File No.: EB-IHD-18-00027598, Forfeiture Order, 36 FCC Rcd 738, 743-47, paras. 16-22 (doubling base forfeiture based on company's prior rule violations, including of unrelated rules); *Time Warner Entertainment-Advance/Newhouse Partnership Kansas City, MO*, File No.: EB-11-KC-0058, Forfeiture Order, 28 FCC Rcd 15826, para. 6 (increasing the base forfeiture by 150% based on company's ability to pay and prior violations); *AT&T Inc., Parent Company Of New Cingular Wireless Pcs, LLC and AT&T Mobility Puerto Rico, Inc.*, File No.: EB-SED-13-00008891, Notice of Apparent Liability for Forfeiture, 30 FCC Rcd 856, 862, para. 14 (2015) ("We also recognize that AT&T is a multi-billion dollar global enterprise. In this respect, the Commission has determined that large or highly profitable companies should expect the assessment of higher forfeitures for violations of the Act and the Rules. Thus, to ensure that the forfeiture liability serves as an effective deterrent and not simply a cost of doing business for AT&T, a significant upward adjustment of the base forfeiture amount is warranted.") (*internal footnotes omitted*) (*resolved via consent decree*) *citing GCI Commc'ns Corp., Notice of Apparent Liability for Forfeiture*, File No.: EB-FIELDWR-12-00004576, Notice of Apparent Liability for Forfeiture, 28 FCC Rcd 12991, 12994, para. 9 (Enf. Bur. 2013) (doubling base forfeiture based on company's ability to pay) (*forfeiture paid*).

publicly traded company with significant revenue," a factor that warranted a "substantial" upward adjustment.[89]

20. We also consider whether there are any grounds for adjusting the proposed forfeiture downward.[90] Here, we find none. After considering the record, the *Forfeiture Policy Statement*, section 1.80 of the Commission's rules, and the factors set forth above, we find that a proposed forfeiture amount of $120,000 for each of the six continuing violations in this case, is appropriate.

Licensee	Broadcast Station	Forfeiture Amount per Violation	NAL Account No.
Nexstar Media, Inc.	KHON-TV	$120,000	MB-202441430003
Nexstar Media, Inc.	KHII	$120,000	MB-202441430003
Nexstar Media, Inc.	KHAW-TV	$120,000	MB-202441430003
Nexstar Media, Inc.	KGMV	$120,000	MB-202441430003
Nexstar Media, Inc.	KGMD-TV	$120,000	MB-202441430003
Nexstar Media, Inc.	KAII-TV	$120,000	MB-202441430003
TOTAL		$720,000	

V. ORDERING CLAUSES

21. **ACCORDINGLY, IT IS ORDERED**, pursuant to section 503(b) of the Communications Act of 1934, as amended,[91] and section 1.80 of the Commission's rules,[92] that Nexstar Media, Inc. is hereby **NOTIFIED** of its **APPARENT LIABILITY FOR FORFEITURE** in the amount of Seven Hundred Twenty Thousand Dollars ($720,000) for willfully and repeatedly violating section 76.65(b)(2) of the Commission's rules.

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[89] *Cunningham Broadcasting Corporation*, *et al.*, Notice of Apparent Liability for Forfeiture, 2022 WL 4445690, *7 (2022) (upwardly adjusting an $8,000 per violation base forfeiture to $26,000 based on, among other factors, Nexstar's ability to pay a higher forfeiture, given its status as the second-highest revenue earner among the defendant licensees). *Id*., *citing* 2021 Annual Report on SEC Form 10-K, at 46 (Feb. 28, 2022). Nexstar reports that its net revenues for the year ending December 31, 2022 were $5.2 billion. *See* https://www.nexstar.tv/wp-content/uploads/2023/04/NXST-2022-Annual-Report-Bookmarked.pdf. Although the Commission has stated that "[i]n general, gross revenues are the best indicator of [a company's] ability to pay a forfeiture," *Unipoint Techs., Inc.*, Forfeiture Order, 29 FCC Rcd 1633, 1643, para. 29 (2014) (*citing PJB Communc'ns. of Virginia, Inc*., 7 FCC Rcd at 2088, para. 8), we use Nexstar's 2022 net revenues as a proxy for its gross revenues because Nexstar's 2022 SEC Form 10-K filing does not report "gross revenues."

[90] *See supra* note 73.

[91] 47 U.S.C. § 503(b).

[92] 47 CFR. § 1.80.

22. **IT IS FURTHER ORDERED** that the complaint filed by Hawaiian Telcom on July 17, 2023 pursuant to section 325(b)(3)(C) of the Act, 47 U.S.C. § 325(b)(3)(C), and sections 76.7 and 76.65 of the Commission's rules, 47 CFR §§ 76.7 and 76.65, **IS DENIED** with respect to Count I, and **GRANTED** with respect to Count II, to the extent described above.

23. **IT IS FURTHER ORDERED**, pursuant to section 1.80 of the Commission's rules,[93] that within thirty (30) calendar days of the release of this Notice of Apparent Liability for Forfeiture, Nexstar Media Group, Inc. **SHALL PAY** the full amount of the proposed forfeiture or **SHALL FILE** a written statement seeking reduction or cancellation of the proposed forfeiture consistent with paragraphs 26-27 below.

24. Nexstar shall send electronic notification of payment to the Chief, Media Bureau, Policy Division at Maria.Mullarkey@fcc.gov, and the Senior Deputy Chief, Media Bureau, Policy Division at Steven.Broeckaert@fcc.gov on the date said payment is made. Payment of the forfeiture must be made by credit card, ACH (Automated Clearing House) debit from a bank account using the Commission's Fee Filer (the Commission's online payment system),[94] or by wire transfer. The Commission no longer accepts forfeiture payments by check or money order. Below are instructions that payors should follow based on the form of payment selected:[95]

- Payment by wire transfer must be made to ABA Number 021030004, receiving bank TREAS/NYC, and Account Number 27000001. A completed Form 159 must be faxed to the Federal Communications Commission at 202-418-2843 or e-mailed to RROGWireFaxes@fcc.gov on the same business day the wire transfer is initiated. Failure to provide all required information in Form 159 may result in payment not being recognized as having been received. When completing FCC Form 159, enter the Account Number in block number 23A (call sign/other ID), enter the letters "FORF" in block number 24A (payment type code), and enter in block number 11 the FRN(s) captioned above (Payor FRN).[96] For additional detail and wire transfer instructions, go to https://www.fcc.gov/licensing-databases/fees/wire-transfer.
- Payment by credit card must be made by using the Commission's Fee Filer website at https://apps.fcc.gov/FeeFiler/login.cfm. To pay by credit card, log-in using the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Pay bills" on the Fee Filer Menu, and select the bill number associated with the NAL Account from paragraph 59, above – the bill number is the NAL Account number with the first two digits excluded – and then choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.
- Payment by ACH must be made by using the Commission's Fee Filer website at https://apps.fcc.gov/FeeFiler/login.cfm. Select "Pay bills" on the Fee Filer Menu and then select the bill number associated to the NAL Account– the bill number is the NAL Account number with the first two digits excluded – and choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the

[93] *Id*.

[94] Payments made using the Commission's Fee Filer system do not require the submission of FCC Form 159.

[95] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #6), or by e-mail at ARINQUIRIES@fcc.gov.

[96] Instructions for completing the form may be obtained at https://www.fcc.gov/Forms/Form159/159.pdf.

correct Routing Number and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

25. Any request for making full payment over time under an installment plan should be sent to: Jae Song, Chief Financial Officer - Financial Operations, Federal Communications Commission, 45 L Street, NE, Room 3-103, Washington, DC 20002.[97] Questions regarding payment procedures should be directed to the Financial Operations Group Help Desk by phone, 1-877-480-3201, or by e-mail, ARINQUIRIES@fcc.gov.

26. The written statement seeking reduction or cancellation of the proposed forfeiture, if any, must include a detailed factual statement supported by appropriate documentation and affidavits pursuant to sections 1.16 and 1.80(f)(3) of the Commission's rules.[98] The written statement must be mailed to the Office of the Secretary, Federal Communications Commission, 45 L Street, NE, Washington, DC 20002, ATTN: Media Bureau – Policy Division, and must include the relevant NAL/Account Number(s) referenced in the caption. The statement must also be e-mailed to the Chief, Media Bureau, Policy Division at Maria.Mullarkey@fcc.gov, and Steve Broeckaert at Steve.Broeckaert@fcc.gov.[99]

27. The Commission will not consider reducing or canceling a forfeiture in response to a claim of inability to pay unless the petitioner submits: (1) federal tax returns for the most recent three-year period; (2) financial statements prepared according to generally accepted accounting practices; or (3) some other reliable and objective documentation that accurately reflects the petitioner's current financial status. Any claim of inability to pay must specifically identify the basis for the claim by reference to the financial documentation.

28. **IT IS FURTHER ORDERED** that a copy of this Notice of Apparent Liability for Forfeiture shall be sent by certified mail, return receipt requested, to Nexstar Media Group, Inc., 545 E. John Carpenter Freeway, Suite 700, Irvine, Texas 75062, Attention: Rachel Morgan, Executive Vice President and General Counsel; to counsel for Nexstar Media Group Inc., Gregory L. Masters, Eve Reed, and Kyle M. Gutierrez, Wiley Rein, LLP, 2050 M Street, NW, Washington, D.C. 20036; to Hawaiian Telcom Services Company, Inc., 221 East Fourth Street, Cincinnati, Ohio, 45202, Attention: Mary E. Talbott, Chief Legal Officer; and to Hawaiian Telcom's counsel, Eric E. Breisach and Lisa Chandler Cordell, Breisach Cordell, PLLC, 5335 Wisconsin Avenue, NW, Suite 440, Washington, D.C. 20015.

FEDERAL COMMUNICATIONS COMMISSION

Holly Saurer
Chief
Media Bureau

[97] 47 CFR § 1.1914.

[98] *Id.* §§ 1.16, 1.80(f)(3).

[99] *See id.* § 1.1914.

PUBLIC NOTICE

Federal Communications Commission
45 L Street, NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: http://www.fcc.gov
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DA 24-117
February 8, 2024

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES REGION 20 (DISTRICT OF COLUMBIA, MARYLAND AND NORTHERN VIRGINIA) REGIONAL PLANNING COMMITTEES TO HOLD 700 MHZ AND 800 MHZ MEETINGS

PS Docket No. 23-237 and WT Docket 02-378

The Region 20 Public Safety 700 MHz and 800 MHz Regional Planning Committees (RPCs) will hold two consecutive in-person planning meetings on Wednesday, April 24, 2024. Beginning at 10:00 am, the meetings will be held at 777 North Capitol Street, NE, Washington, DC.

The agenda for the 700/800 MHz meeting includes:

- Call to order and welcome to all guests
- Approval of October 25, 2023, meeting minutes
- Old business
- Chairman's Remarks on issues of importance in Region 20
- New business
- Program

Both Region 20 Public Safety RPC meetings are open to the public. All eligible public safety providers in Region 20 may utilize these frequencies. It is essential that eligible public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 20 should plan to attend.

For further information, please contact:

Charles V. Bryson, Chair
Region 20 700 MHz and 800 MHz Public Safety RPCs
100 Community Place
Crownsville, MD 21032
Phone: 410-807-8102
E-mail: charles.bryson@maryland.gov
region20chair@gmail.com

- FCC -

PUBLIC NOTICE

Federal Communications Commission
45 L Street, NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: http://www.fcc.gov
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DA 24-118
February 8, 2024

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES REGION 21 (MICHIGAN) REGIONAL PLANNING COMMITTEES TO HOLD 700 MHZ AND 800 MHZ MEETINGS

PS Docket No. 23-237 and WT Docket No. 02-378

The Region 21 (Michigan)[1] 700 MHz and 800 MHz Regional Planning Committees (RPCs) will hold two consecutive planning meetings on Thursday, March 14, 2024. Beginning at 10:00 am, the Region 21 800 MHz RPC meeting will convene at the Michigan State Police Headquarters, 7150 N. Harris Drive, Dimondale, MI 48821.

The agenda for the 800 MHz RPC meeting includes:

- Call to Order/Roll Call
- Approval of Agenda
- Approval of Minutes – January 18, 2024 meeting
- Correspondence
- Review of Applications
  - Old Applications
  - New Applications
- 800 MHz Subcommittee Reports
  - Interoperable Communication Subcommittee
  - Engineering/Technical Subcommittee
  - Ongoing Plan Revision Standing Committee
- Old Business
  - Website
  - 4.9 GHz
  - Mid-band Non-NPSPAC 800 channels
- New Business
  - Election of Officers
- Next meeting: May 16, 2024 – Hartland Area Fire Department
- Adjourn

Immediately following the 800 MHz RPC meeting, the 700 MHz RPC meeting will convene.

The agenda for the 700 MHz meeting includes:

- Call to Order/Roll Call
- Approval of Agenda
- Approval of Minutes – January 18, 2024 meeting

[1] The Region 21 (Michigan) 700 MHz regional planning area includes all eighty-three counties in the Upper and Lower Peninsulas in the state of Michigan. The Region 21 800 MHz regional planning area consists of all the Upper Peninsula and all counties in the Lower Peninsula except the counties of Allegan, Barrien, Barry, Cass, Kalamazoo, Ottawa, St. Joseph, and Van Buren, which are part of Region 54 (Great Lakes Area).

- Correspondence
- Review of Applications
  - Old Applications
    - State of MI – Berrien Simulcast (adjacent region notification)
  - New Applications
- 700 MHz Subcommittee Reports
  - Interoperable Communications Subcommittee
  - Engineering/Technical Subcommittee
  - Ongoing Plan Revision Standing Subcommittee
- Old Business
- New Business
- Next meeting: May 16, 2024 – Hartland Area Fire Department
- Adjourn

The Region 21 RPC meetings are open to the public. All public safety providers in Region 21 may utilize these frequencies. It is essential that eligible public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 21 should plan to attend. For more information, please contact:

Keith M. Bradshaw
Chair, Region 21 700 MHz and 800 MHz RPCs
Oakland County Radio Communications Supervisor
1200 N. telegraph Rd, building 16E
Pontiac, MI 48341
Ph: 248-452-9769
bradshawkm@oakgov.com

- FCC -

Federal Communications Commission
Washington, D.C. 20554

February 8, 2024

DA 24-119
In Reply Refer to:
1800B3-SDW
Released February 8, 2024

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In re: **NCE MX Group 74**

Vanguard Association of Sunbelt Colleges Corporation
New NCE (FM), Dubuque, IA
Facility ID No. 768573
Application File No. 0000167716

Augustana College
New NCE (FM), Epworth, IA
Facility ID No. 766325
Application File No. 0000166936

Petition to Deny
Informal Objection

Dear Applicants, Counsel, and Objector:

We have before us two mutually exclusive (MX) applications filed by Vanguard Association of Sunbelt Colleges Corporation (VASC) and Augustana College (AC) for construction permits for new noncommercial educational (NCE) FM stations in different communities in Iowa, which the Media Bureau (Bureau) designated as NCE MX Group 74.[1] The Commission identified the VASC Application as the tentative selectee of the group.[2] Also before us are: (1) a Petition to Deny (Petition) filed on November 25, 2022, by AC, and related pleadings;[3] and (2) an Informal Objection (Objection) filed on June 22, 2023, by Iowa Public Radio, Inc. (IPR).[4] We also have before us VASC's response to a Letter of Inquiry (LOI) sent by the Bureau (LOI Response),[5] and related responses filed by AC.[6] For the reasons set forth below, we deny the Petition, deny the Objection, dismiss the AC Application, and grant the VASC Application.

Background. The subject applications were filed during the November 2021, NCE FM filing window.[7] In the *Second Comparative Order*, the Commission compared the VASC Application and AC Application under the point system.[8] In the point system analysis, VASC received two points for diversity of ownership, and AC did not receive any points.[9] Accordingly, the Commission identified VASC as the tentative selectee of MX Group 74 and established a 30-day period for filing petitions to deny.[10]

In the Petition, AC questions the validity of VASC's financial certification.[11] Specifically, AC questions whether VASC possesses the financial assets needed to construct and operate each of the eight

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[1] *Media Bureau Identifies Groups of Mutually Exclusive Applications Submitted in the November 2021, Filing Window for New Noncommercial Educational Stations; Opens Window to Accept Settlements and Technical Amendments*, Public Notice, 36 FCC Rcd 16452 (MB 2021). *See also* Application File Nos. 0000167716 (VASC Application) and 0000166936 (AC Application).

[2] *Comparative Consideration of 32 Groups of Mutually Exclusive Applications for Permits to Construct New Noncommercial Educational FM Stations*, Memorandum Opinion and Order, 37 FCC Rcd 12898, 12911, para. 53 (2022) (*Second Comparative Order*).

[3] Pleading File No. 0000204282. On December 6, 2022, VASC filed an Opposition to the Petition (Opposition). Pleading File No. 0000204837. AC filed a Reply to the Opposition on December 9, 2022 (Reply). Pleading File No. 0000204982.

[4] Pleading File No. 0000217055. VASC did not file an opposition to the Objection.

[5] *See* E-Mail from Donald E. Martin, Esq., counsel to VASC, to Alexander Sanjenis, Audio Division, FCC Media Bureau (June 1, 2023); Letter from Albert Shuldiner, Chief, Audio Division, FCC Media Bureau, to Donald Martin, Esq., counsel to VASC (Apr. 25, 2023).

[6] Pleading File No. 0000217059 (filed June 23, 2023) (AC LOI Reply). Pleading File No. 0000221124 (filed Sept. 19, 2023) (AC LOI Reply Supplement).

[7] *Media Bureau Announces NCE FM New Station Application Filing Window; Window Open from November 2, 2021, to November 9, 2021*, MB Docket No. 20-343, Public Notice, 36 FCC Rcd 11458 (MB July 23, 2021).

[8] *Second Comparative Order*, 37 FCC Rcd at 12911, para. 53. Neither applicant claimed eligibility for a fair distribution preference.

[9] *Id*. AC did not claim points for diversity of ownership.

[10] *Id*.

[11] Petition at 2-5.

stations it applied for in the 2021 NCE FM filing window.[12] AC estimates the costs for the station proposed in the VASC Application (Station) to be over $160,000, and the total financial commitment to construct all eight then-pending stations to be "more than one and a quarter million dollars."[13] AC also questions whether VASC received reasonable site assurance,[14] and alleges that the VASC Application "may be part of a scheme" designed by Luke Rogers (Rogers), VASC's technical consultant and president of Elijah Radio, Inc. (Elijah Radio), another NCE FM applicant, to circumvent the 2021 NCE FM filing window's 10-application cap.[15]

In the Opposition, VASC provides a sworn declaration, under penalty of perjury, made by David Beihl (Beihl), its President, in which it "confirms and reiterates" its financial certification.[16] VASC also provides a sworn declaration, under penalty of perjury, in which Rogers attests that neither he nor Elijah Radio has any attributable interests in VASC.[17]

In the Reply, AC argues that the Opposition and *David Beihl Declaration* provide no probative evidence to support VASC's financial certification, and therefore, pursuant to *Alaska Educational Radio*, the VASC Application should be dismissed.[18] AC also argues that VASC failed to provide evidence to support its reasonable site assurance certification,[19] and urges the Commission to consider its allegations that VASC has an attributable relationship with Rogers, and therefore VASC has violated the 10-application cap.[20]

In the LOI Response, VASC provided additional information to support its financial certification. VASC explained that, while it did not prepare a formal written construction budget prior to filing the VASC Application, Beihl estimated the construction and three-month operation costs for the Station to be $50,000, and the total financial commitment to construct all eight then-pending stations, including the VASC Application, to be $512,328.[21] To finance the proposed Station, VASC stated that it simultaneously relied on two alternate sources of funding. Primarily, VASC stated that it had a financing option through a loan commitment from Adventist World Radio (AWR).[22] For business reasons, VASC acknowledged that it "preferred and had planned to rely primarily on AWR to fund the station."[23]

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[12] *Id*.

[13] *Id*. at 5.

[14] *Id*. at 3 & n.9.

[15] *Id*. at 5-8.

[16] Declaration of David Beihl at 1, Attach. to Opposition (*David Beihl Declaration*).

[17] Opposition at 2; *David Beihl Declaration*; Declaration of Luke Rogers at 1, Attach. to Opposition (*Luke Rogers Declaration*).

[18] Reply at 4-5 (citing *Alaska Educ. Radio Sys., Inc.,* Memorandum Opinion and Order, 34 FCC Rcd 9289, 9291-92, paras. 6-8 (2019) (*Alaska Educational Radio*)).

[19] Reply at 5.

[20] *See FCC Adopts 10-Application Limit for NCE FM New Stations in Upcoming 2021 Filing Window*, Public Notice, MB Docket No. 20-343, 36 FCC Rcd 7754 (2021) (*NCE Cap Public Notice*); 47 CFR § 73.503(g).

[21] LOI Response at 2.

[22] *Id.*.

[23] *Id*.

Second, VASC relied on an oral agreement with David Beihl's father, Gary Beihl, to provide funding for certain projects, which they viewed as "an open line of credit."[24] As evidence, VASC provided a sworn declaration, under penalty of perjury, in which Gary Beihl attested that he: (1) was familiar with Beihl's intention to file applications for FM construction permits in November 2021; (2) was notified, by Beihl, of the cost estimates for building and operating the proposed stations; and (3) offered to provide funding for constructing and operating the proposed stations.[25] In the *Gary Beihl Declaration*, Gary Beihl attested that he possessed sufficient assets to fund the costs for the proposed stations, and as evidence, provided a copy of his IRA's "Statement Overview" page which reflected a value of $512,840.70 for November 2021.[26]

With regard to reasonable site assurance, VASC provided email correspondence between John Parle, VASC's consulting engineer, and Sarb Bassi, a marketing manager for the tower owner, Crown Castle.[27] In the *Crown Correspondence*, Ms. Bassi lists coordinate locations for three different towers and states that the "sites that [Mr. Parle] inquired about" were available.[28] The *Crown Correspondence* references an attached "reasonable assurance letter," but VASC did not produce the referenced letter.[29] The *Crown Correspondence* also reflects that Mr. Parle inquired about the "highest spot [VASC] could lease at the three tower locations"[30] and that Ms. Bassi confirmed the highest spots available on the three towers. Finally, the *Crown Correspondence* shows that, after VASC filed the Application, Mr. Parle informed Ms. Bassi of the VASC Application and VASC's intention to use the selected tower.

In the AC LOI Reply, AC alleges that a "single summary page from an IRA statement, with no disclosure of personal liabilities" does not meet the Commission's financial qualification requirements,[31] and that VASC failed to provide a written commitment by Gary Beihl that provides the specific terms of the proposed personal loan.[32] AC argues that the *Crown Correspondence* is insufficient to establish that space was available on the proposed tower at the height specified in the VASC Application.[33] AC also questions whether AWR is the real-party-in interest behind the VASC Application.[34]

Finally, in the Objection, IPR alleges that VASC "cannot (or should not) have obtained reasonable assurance to use the tower with the parameters specified in the Application" because the tower

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[24] *Id*.

[25] Declaration of Gary Beihl at 1, Attach. 2 to LOI Response (*Gary Beihl Declaration*).

[26] *Id*.

[27] LOI Response at Attach. 1 (*Crown Correspondence*).

[28] *Id*.

[29] *Id*.

[30] *Id*.

[31] AC LOI Response at 5.

[32] *Id*.

[33] *Id*. at 2-3.

[34] *Id*. at 6-10. AC submitted a supplement to the AC LOI Response in which it purports to provide "direct evidence . . . of an arrangement where by [Elijah Radio] has worked with a shell entity with no broadcast experience that prevailed in the Commission's comparative procedures to secure the benefit of an FM authorization over other local applicants." Pleading File No. 0000221124 (*AC LOI Response Supplement*).

location specified in the VASC Application is already occupied by IPR's NCE FM station, KNSY(FM), Dubuque, Iowa.[35]

Discussion. Pursuant to section 309(d) of the Communications Act,[36] petitions to deny and informal objections must provide properly supported allegations of fact that, if true, would establish a substantial and material question of fact that grant of the application would be *prima facie* inconsistent with the public interest.[37]

Financial Qualifications. Schedule 340 requires each applicant for a new NCE FM station to certify that, at the time it files its application, the applicant has sufficient net liquid assets on hand or committed sources of funds to construct the proposed facility and operate it for three months, without additional funds.[38] Documentation supporting the attestation of financial qualifications need not be submitted with the application but must be available to the Commission upon request.[39] In order to prove financial qualifications at the time of certification, an applicant must provide "substantial and reliable evidence" of sufficient net liquid assets on hand, or committed sources of funds.[40] As used here, "net liquid assets" means the lesser amount of the net current assets or of the liquid assets shown on a party's balance sheet, with net current assets being the excess of current assets over current liabilities.[41] Also, where, as here, an applicant files multiple applications, it must be able to demonstrate that it is financially qualified as to all pending applications.[42]

Under these standards, we find that VASC has adequately demonstrated its financial qualifications. VASC states that it initially intended to rely on funding through AWR, however, VASC provides no documentation from AWR in support of its argument, and it is unable to confirm whether AWR's financial commitment predated its filing of the VASC Application.[43] Accordingly, we do not consider AWR's alleged financial commitment in our analysis of VASC's financial qualifications. VASC, however, states that it had alternate funding through Gary Beihl's IRA. The Commission has

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[35] Objection at 1. *See also* Application File No. BLED-20170503AAR (active license for Station KNSY(FM)).

[36] 47 U.S.C. § 309(d).

[37] *See, e.g.*, *WWOR-TV, Inc.*, Memorandum Opinion and Order, 6 FCC Rcd 193, 197, n.10 (1990), *aff'd sub nom. Garden State Broad. L.P. v. FCC*, 996 F. 2d 386 (D.C. Cir. 1993), *rehearing denied* (Sep. 10, 1993); *Gencom, Inc. v. FCC*, 832 F.2d 171, 181 (D.C. Cir. 1987); *Area Christian Television, Inc.*, Memorandum Opinion and Order, 60 RR 2d 862, 864, para. 6 (1986) (petitions to deny and informal objections must contain adequate and specific factual allegations sufficient to warrant the relief requested).

[38] *See* Schedule 340 at Legal Certification, Financial; Instructions – Schedule 340 at page 12 (*Schedule 340 Instructions*); *Certification of Financial Qualifications by Applicants for Broadcast Station Construction Permits*, Public Notice, 2 FCC Rcd 2122 (1987) (*Financial Certification PN*).

[39] *See Schedule 340 Instructions* at page 12.

[40] *See, e.g., Northhampton Media Associates*, Order, 4 FCC Rcd 5517, 5519, para. 15 (1989) (*Northhampton Media*).

[41] *See id.*; *Schedule 340 Instructions.*

[42] *See Texas Communications Limited Partnership et. al.,* Decision, 5 FCC Rcd 5876, 5878, para. 11 (1990); *see also George Edward Gunter*, Memorandum Opinion and Order, 104 F.C.C.2d 1363 (Rev.Bd. 1986); *Financial Certification PN,* 2 FCC Rcd at 2122 (advising applicants that processing staff may question validity of the applicant's financial certification where applicant has large number of pending broadcast applications).

[43] VASC explains that the President of AWR was out of the country and unable to confirm the financial commitment. *See* LOI Response at 2.

made clear that where the lender is not a financial institution but a person, as in this case, the applicant must show that the person proposing to lend the funds had the necessary financial resources at the time of certification.[44] Gary Beihl's IRA Statement Overview reflects a value of $512,840.70, and the *Gary Beihl Declaration* demonstrates that Gray Beihl intended to loan the funds from the IRA to VASC in order to fund each of the proposed stations. AC has provided no evidence to refute this. We, therefore, find VASC sufficiently demonstrated that Gary Beihl had sufficient net liquid assets available to meet his financial commitment to VASC.[45] Accordingly, we find VASC financially qualified in this proceeding.

Reasonable Site Assurance. An NCE FM applicant must have reasonable assurance that its specified site will be available for the construction and operation of its proposed facilities at the time it files its application.[46] While the Commission affords some latitude regarding reasonable assurance, there must, at a minimum, be a "meeting of the minds resulting in some firm understanding as to the site's availability."[47] A mere possibility that the site will be available is not sufficient.[48] Schedule 340 requires an applicant to certify that it has such reasonable site assurance and instructs the applicant to specify the name of the person contacted to verify the site's availability, the person's telephone number, and whether the contact is the tower owner, agent, or authorized representative."[49]

Based upon the record before us, we find that VASC has sufficiently demonstrated that it had reasonable assurance of site availability at the time it filed the VASC Application. The *Crown Correspondence* establishes that VASC contacted Ms. Bassi, a representative of the tower owner, prior to filing the VASC Application and inquired about available space on the tower listed in the VASC Application. The *Crown Correspondence* further establishes that Ms. Bassi indicated that space was available on the tower listed in the VASC Application and provided VASC with a reasonable assurance letter as an attachment to the *Crown Correspondence*.[50] VASC later provided confirmation to Ms. Bassi that it included the tower specified in the *Crown Correspondence* in the VASC Application. This

[44] *Northhampton Media,* 4 FCC Rcd at 5519, para. 16.

[45] *See, e.g., Armando Garcia*, Decision, 3 FCC Rcd 1065, 1066, para. 11 (Rev.Bd. 1988), review denied, 3 FCC Rcd 4767 (1988) (finding documentation of an applicant's spouse's retirement plan sufficient to demonstrate financial qualifications).

[46] *See William F. Wallace and Anne K. Wallace*, Memorandum Opinion and Order, 49 FCC 2d 1424, 1427, paras. 6-7 (1974) (*Wallace*); *South Florida Broad. Co.*, Memorandum Opinion and Order, 99 FCC 2d 840, 842, para. 3 (1984). While applicants are not required to have a binding agreement or absolute assurance of a proposed site, a mere possibility that the site will be available is not sufficient.

[47] *NCE MX Group 337A*, Letter Order, 26 FCC Rcd 6020, 6024 (MB 2011) (*NCE MX Group 337A*).

[48] *Wallace*, 49 FCC 2d at 1427, para. 6.

[49] *See Schedule 340* at Technical Certifications, Reasonable Site Assurance; *Schedule 340 Instructions* at page 22; *see also Reexamination of the Comparative Standards and Procedures for Licensing Noncommercial Educational Broadcast Stations and Low Power FM Stations*, MB Docket No. 19-3, Report and Order, 34 FCC Rcd 12519, 12542, para. 59 (2019).

[50] We note that VASC mentions that the "reasonable assurance letter" that was attached to the *Crown Correspondence* has "been lost in Mr. Parle's email files and is no longer available to Ms. Bassi." *See* LOI Response at 1. Notwithstanding VASC's inability to produce the reasonable assurance letter referenced in the *Crown Correspondence*, based on the preponderance of evidence, we find the *Crown Correspondence* sufficiently details the tower owner's assurance of site availability.

evidence sufficiently demonstrates VASC had reasonable site assurance at the time it filed the VASC Application.[51]

De Facto Control. Finally, we reject the remaining argument—that Elijah Radio, Luke Rogers, or AWR has exercised *de facto* control over the VASC and that either is the real party-in-interest behind the VASC Application—as unsupported.[52] The pleadings posit that the VASC Application was designed by Luke Rogers, president of Elijah Radio, to circumvent the 10-application cap because Eliah Radio previously filed 10 applications in the 2021 NCE FM filing window.[53] The Commission analyzes *de facto* control issues on a case-by-case basis.[54] In determining whether an entity has *de facto* control of an applicant or a licensee, we examine the policies governing station programming, personnel, and finances.[55] A broadcast entity's surrender of control over any one of these indicia to another is sufficient to find that the other entity has *de facto* control.[56]

The Petition bases its allegation of *de facto* control on the fact that (1) a familial relationship exists between Beihl and Elijah Radio's vice-president, Thomas Beihl, and (2) Luke Rogers, VASC's consulting engineer, is listed as a contact representative on the VASC Application and numerous other applications filed in this window. However, the Commission has long recognized that familial and business relationships, standing alone, are insufficient to create real-party-in-interest or unauthorized transfer of control problems.[57] Similarly, the Commission has been clear that similarities in applications prepared by a third-party, such as using the same consultant, do not demonstrate common control of applications.[58] We have previously noted that it is common for multiple applications to have the same consultants.[59] Moreover, Luke Rogers submitted a declaration to the Bureau, under penalty of perjury, stating that neither he nor Elijah Radio has any ownership interest in VASC, nor has he or Elijah Radio exercised "any de jure or de facto control over" VASC.[60] We similarly find that AC has presented no specific details or evidence to support its claims that AWR may be the real party in interest behind the VASC Application. Accordingly, we find that AC's allegations, absent any concrete indicia of common control or influence, is insufficient to establish that VASC has abdicated control to another person or

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[51] *See Eagles Nest Fellowship Church*, Letter Order, 23 FCC Rcd 862, 865 (MB 2008). The fact that IPR alleges in the Objection that its antenna is currently installed at the location specified in the VASC Application does not negate VASC's good faith reliance on the reasonable assurance that it received in the *Crown Correspondence* prior to filing the VASC Application.

[52] *See* Petition at 5-7; AC LOI Reply at 6-10.

[53] *Id*. Pursuant to the cap, no party may have an attributable interest in more than ten applications. *See* 47 CFR § 73.503(g); *NCE Cap Public Notice*, 36 FCC Rcd at 7758, para 12. An entity or party with *de facto* or *de jure* control over an applicant would necessarily have an attributable interest. *See, e.g., The Helpline*, Letter Order, 23 FCC Rcd 12665, 12670 (MB 2008).

[54] *See Shareholders of Hispanic Broadcasting Corporation*, Memorandum Opinion and Order, 18 FCC Rcd 18834, 18843 (2003); *Arnold L. Chase*, Initial Decision, 6 FCC Rcd 7387, 7409, para. 158 (ALJ 1991) (*Arnold Chase*).

[55] *See, e.g., Hicks Broadcasting of Indiana, LLC,* Hearing Designation Order, 13 FCC Rcd 10662, 10677 (1998) ("Control over any one of the areas of personnel, programming and finances would be sufficient for a finding of *de facto* control.").

[56] *Id*.

[57] *Arnold Chase,* 6 FCC Rcd at 7409, para. 160.

[58] *See, e.g., Mt. Zion Educ. Assoc*., Letter Order, 25 FCC Rcd 15088, 15091-92 (MB 2010).

[59] *Eternal World Television Network, Inc*., Letter Order 24 FCC Rcd 4691, 4692 (MB 2009).

[60] *Luke Rogers Declaration* at 1.

entity, or that the VASC Application is an attempt to circumvent the 10-application rule.

Conclusion/Actions. For the reasons set forth above, **IT IS ORDERED** that the Petition to Deny filed by Augustana College on November 25, 2022 (Pleading File No. 0000204282), IS **DENIED**.

IT IS FURTHER ORDERED that the Informal Objection filed by Iowa Public Radio, Inc. on June 22, 2022 (Pleading File No. 0000217055) **IS DENIED**.

IT IS FURTHER ORDERED that the application filed by Vanguard Association of Sunbelt Colleges Corporation (Application File No. 0000167716) **IS GRANTED CONDITIONED UPON** that selectee's compliance with section 73.7005 of the Commission's rules, 47 CFR § 73.7005, which sets forth a four-year period in which an applicant, that is awarded a permit by use of the point system, must maintain the comparative qualifications for which it received points, and must comply with the restrictions on station modifications and acquisitions.

IT IS FURTHER ORDERED that the mutually exclusive application of Augustana College (Application File No. 0000166936) **IS DISMISSED**.

Sincerely,

Albert Shuldiner
Chief, Audio Division
Media Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Google LLC Expedited Request for Emergency Waiver of Citizens Broadband Radio Service Incumbent Protection Rules	)	GN Docket No. 15-319

ORDER

Adopted: February 8, 2024 **Released: February 8, 2024**

By the Mobility Division, Wireless Telecommunications Bureau:

I. INTRODUCTION

1. By this Order, the Wireless Telecommunications Bureau ("Bureau"), Mobility Division, conditionally grants Google LLC's (Google)[1] request for a precautionary, limited, and conditional emergency waiver of sections 96.67(c)(2) and (3) of the Commission's rules governing the Citizens Broadband Radio Service.[2] Google requests that the Commission grant emergency waiver relief of sections 96.67(c)(2) and (3) to relieve it of the requirement for Environmental Sensing Capabilities ("ESC") to detect and protect federal incumbent users in the 3550-3700 MHz band ("3.5 GHz band") from harmful interference for Dynamic Protection Areas ("DPAs") that may be impacted by the recent storms impacting California, including DPAs West08, West09, West12, West13, and West14 (the DPAs, together with the affected ESCs (W08 and W12R) in such DPAs, the "Impacted Systems"). For the reasons discussed below, we grant Google's Waiver Request subject to the conditions described herein.

II. BACKGROUND

2. In 2015, the Commission adopted rules for shared commercial use of the 3.5 GHz band.[3] The Commission established the Citizens Broadband Radio Service and created a three-tiered access and authorization framework to accommodate shared federal and non-federal use of the band.[4] Access and operations are managed by a Commission-approved, automated frequency coordinator, known as a Spectrum Access System ("SAS"). SASs coordinate operations between federal and non-federal users by relying on ESCs in DPAs to detect and protect federal incumbent users in the 3.5 GHz band from harmful interference. When there are federal incumbent users operating in the band, ESCs detect their signals and activate the DPA. When the DPA is activated, federal incumbent users are given priority over the other two tiers of users: Priority Access Licensees ("PALs") and General Authorized Access ("GAA") users.

[1] *See* Google LLC Expedited Request for Emergency Waiver of CBRS Incumbent Protection Rules Due to Storms in California, GN Docket No. 15-319 (filed Feb. 6, 2024) (Waiver Request), https://www.fcc.gov/ecfs/document/1020661238728/1.

[2] 47 CFR § 96.67(c)(2)-(3).

[3] *See Amendment of the Commission's Rules with Regard to Commercial Operations in the 3550-3650 MHz Band*, GN Docket No. 12-354, Report and Order and Second Further Notice of Proposed Rulemaking, 30 FCC Rcd 3959, 3975, paras. 44-45 (2015) (*2015 Report and Order*).

[4] *Id.*

In the case that an ESC cannot accurately determine whether federal incumbents are active in the band, they must automatically activate the DPAs.[5]

3. Google seeks a temporary conditional waiver of sections 96.67(c)(2) and (3) of the Commission's rules to relieve it of the requirement to detect the presence of a signal from a federal system in the 3.5 GHz Band and adjacent frequencies and to communicate information about the presence of such a signal to one or more approved SASs.[6] This waiver would allow Google to treat the subject DPAs as "inactive" for the duration of the waiver authority and thus avoid the need for the ESCs to automatically activate the DPAs in areas affected by the recent storms. Google seeks waiver of these requirements in the interest of providing uninterrupted service to hundreds of Citizens Broadband Radio Service Devices (CBSDs) that provide critical broadband, IP telephone, and television services to hundreds of customers.[7]

III. DISCUSSION

4. Section 1.925(b)(3) of the Commission's rules states that the Commission may grant a waiver when either (i) "[t]he underlying purpose of the rule(s) would not be served or would be frustrated by application to the instant case, and that a grant of the requested waiver would be in the public interest," or (ii) "[i]n view of unique or unusual factual circumstances of the instant case, application of the rule(s) would be inequitable, unduly burdensome or contrary to the public interest, or the applicant has no reasonable alternative."[8] Further, section 1.3 allows the Commission, on its own motion, to waive rules for good cause shown.[9]

5. Here, we find that Google's showing, when considered with the conditions established herein, meets the second prong of the Commission's waiver standard. Google asserts that the intense rain storms and high winds have already caused power outages at its sites (W08) or have caused physical damage (W12R).[10] It further contends that with respect to W08, it cannot provide an estimated time for restoration of commercial power, and with respect to W12R, it is awaiting a repair assessment which has been delayed due to the continuing bad weather.[11]

6. Google contends that "automatic activation of the DPA due to the inability to sense incumbent radar activity would affect hundreds of [CBSDs], including both PAL and GAA, that are in the listed DPA neighborhood and on the DPA move list."[12] The CBSDs serve hundreds of customers—including residential and business customers—all of whom are located in areas that remain directly impacted by the storms.[13] According to Google, "[m]any customers, including those who have electric service or electricity through the use of generators, rely on these services to receive updates about ongoing dangers and essential services."[14] Accordingly, we grant a waiver of section 96.67(c)(2) and (3) of the Commission's rules, subject to the conditions set forth herein, and consistent with the ESC

[5] *See Promoting Investment in the 3550-3700 MHz Band*, GN Docket Nos. 15-319, 17-258, Order, 33 FCC Rcd 4987, 4990-91, paras. 6, 9 (2018).

[6] 47 CFR § 96.67(c)(2)-(3). Additionally, to the extent necessary, we also waive applicable sections of 96.15(a)(2), (a)(3), (b)(3), 96.45(b), 96.53(a), (e)-(g), and 96.57(d).

[7] *See* Waiver Request at 2.

[8] 47 CFR § 1.925(b)(3).

[9] 47 CFR § 1.3.

[10] *See* Waiver Request at 1-2.

[11] *Id*.

[12] *Id*. at 2.

[13] *Id*.

[14] *Id.*

waiver orders that the Bureau issued in response to Hurricanes Ian, Fiona and Idalia, Typhoon Mawar, and Tropical Storm Nicole,[15] to allow the Google SAS to treat the subject DPAs as "inactive" for the duration of this waiver and thereby obviate its ESC from the obligation to detect the presence of a signal from a federal system in the 3.5 GHz Band and adjacent frequencies and to communicate information about the presence of such a signal to one or more approved SASs.

7. Specifically, we find the following conditions are required: (1) this waiver only applies to periods where the subject ESC sensors are unable to communicate with the Google SAS due to a power outage or backhaul outage; (2) this waiver is limited to the earlier of either February 22, 2024, or when commercial power and backhaul service is restored to the subject ESC sensors; (3) Google must provide confirmation to the Commission, the Department of Defense ("DoD"), and the Navy within three business days of power restoration to the subject ESC sensors and restoration of backhaul service; (4) extension requests must be justified through demonstration of the specific steps taken to reactivate the subject ESC sensors and the remaining steps necessary to reactivate, and such requests must be filed no later than three business days before expiration of this waiver; and (5) the ESC operator must immediately activate the subject DPAs upon notification from the Commission, the National Telecommunications and Information Administration, or the DoD.

8. In consideration of the emergency presented by the recent powerful rainstorms in California, we find that these are unique circumstances that make application of the rules inequitable, unduly burdensome, and contrary to the public interest. For these reasons, we find it is in the public interest to conditionally grant Google's request for an emergency waiver of sections 96.67(c)(2) and (3), on a time-limited basis and subject to conditions described herein.

IV. ORDERING CLAUSES

9. Accordingly, IT IS ORDERED, pursuant to Section 4(i) of the Communications Act of 1934, as amended, 47 U.S.C. § 154(i), and sections 1.3 and 1.925 of the Commission's rules, 47 CFR §§ 1.3, 1.925, that the request filed by Google LLC for emergency waiver of sections 96.67(c)(2) and (3) of the Commission's rules, 47 CFR §§ 96.67(c)(2) and (3) is GRANTED to the extent described, and with the conditions specified, herein.

10. IT IS FURTHER ORDERED, pursuant to Section 4(i) of the Communications Act of 1934, as amended, 47 U.S.C. § 154(i), and sections 1.3 and 1.925 of the Commission's rules, 47 CFR §§ 1.3, 1.925, that the Wireless Telecommunications Bureau GRANTS ON ITS OWN MOTION a waiver of sections 96.15(a)(2), (a)(3), 96.45(b), 96.53(a), (e)-(g), and 96.57(d) of the Commission's Rules, 47 CFR §§ 96.15(a)(2), (a)(3), 96.45(b), 96.53(a), (e)-(g), 96.57(d), to the extent described, and with the conditions specified, herein.

[15] *See Federated Wireless Expedited Request for Emergency Waiver of Citizens Broadband Radio Service Incumbent Protection Rules*, GN Docket No. 15-319, Order, DA 22-999 (rel. Sept. 22, 2022); *Federated Wireless, CommScope, Inc., and Google LLC's Expedited Requests for Emergency Waiver of Citizens Broadband Radio Service Incumbent Protection Rules*, GN Docket No. 15-319, Order, DA 22-1042 (rel. Sept. 30, 2022); *Federated Wireless Expedited Request for Emergency Waiver of Citizens Broadband Radio Service Incumbent Protection Rules*, GN Docket No. 15-319, Order, DA 22-1165 (rel. Nov. 9, 2022); *Federated Wireless Expedited Request for Emergency Waiver of Citizens Broadband Radio Service Incumbent Protection Rules*, GN Docket No. 15-319, Order, DA 23-453 (rel. May 30, 2023); *Google LLC Expedited Request for Emergency Waiver of Citizens Broadband Radio Service Incumbent Protection Rules*, GN Docket No. 15-319, Order, DA 23-789 (rel. Aug. 30, 2023).

11. This action is taken under delegated authority pursuant to sections 0.131, and 0.331 of the Commission's rules, 47 CFR §§ 0.131, and 0.331.

FEDERAL COMMUNICATIONS COMMISSION

Roger Noel
Chief, Mobility Division
Wireless Telecommunications Bureau

PUBLIC NOTICE

Federal Communications Commission
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Washington, DC 20554

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DA 24-121
Released: February 8, 2024

WIRELESS TELECOMMUNICATIONS BUREAU AND OFFICE OF ENGINEERING AND TECHNOLOGY ANNOUNCE THE APPROVAL AND REGISTRATION OF ADDITIONAL AND MODIFIED ENVIRONMENTAL SENSING CAPABILITY SENSORS FOR THE 3.5 GHZ BAND

GN Docket No. 15-319

With this *Public Notice*, the Wireless Telecommunications Bureau (WTB) and the Office of Engineering and Technology (OET) (collectively, WTB/OET) of the Federal Communications Commission (Commission or FCC) approve new and modified Environmental Sensing Capability (ESC) sensor deployment and coverage plans (ESC Sensor Registrations) for CommScope Inc. (CommScope),[1] Federated Wireless, Inc. (Federated Wireless), and Google LLC (Google).[2] WTB/OET, in close consultation with the National Telecommunications and Information Administration (NTIA) and the Department of Defense (DoD), have reviewed and approved the new and updated ESC Sensor Registrations, which sufficiently describe the proposed coverage for the dynamic protection areas (DPAs)[3] listed below.

[1] CommScope in October 2018 announced that Google and CommScope had entered into a partnership to operate an ESC. Press Release, CommScope, *CommScope and Google Team Up to Drive CBRS Forward* (Oct. 18, 2018), https://www.commscope.com/NewsCenter/PressReleases/CommScope-and-Google-Team-Up-to-Drive-CBRS-Forward/.

[2] CommScope, Federated Wireless, and Google are approved ESC operators. *Wireless Telecommunications Bureau and Office of Engineering and Technology Announce the Approval of Environmental Sensing Capabilities for the 3.5 GHz Band*, GN Docket No. 15-319, Public Notice, 34 FCC Rcd 2792 (WTB/OET 2019) (*2019 ESC Operator Approval Public Notice*). WTB/OET have established procedures for submitting ESC Sensor Registrations for approval. *See Wireless Telecommunications Bureau and Office of Engineering and Technology Establish Procedure for Registering Environmental Sensing Capability Sensors*, GN Docket No. 15-319, Public Notice, 33 FCC Rcd 10016 (WTB/OET 2018) (*ESC Sensor Registration Public Notice*); *Wireless Telecommunications Bureau and Office of Engineering and Technology Announce the Approval and Registration of Additional Environmental Sensing Capability Sensors of ESC Operators for the 3.5 GHz Band*, GN Docket No. 15-319, Public Notice, 34 FCC Rcd 11048, 11050 (WTB/OET 2019) (*November 2019 ESC Sensor Registration Public Notice*). CommScope, Federated Wireless, and Google submitted ESC Sensor Registrations to WTB/OET consistent with the process described in the *ESC Sensor Registration Public Notice*, as updated in the *November 2019 ESC Sensor Registration Public Notice* and requested confidentiality. *See* Letter from H. Mark Gibson, Director, Regulatory Policy, CommScope, to Marlene H. Dortch, Secretary, FCC, GN Docket No. 15-319 (filed September 8, 2023), https://www.fcc.gov/ecfs/document/109081305402209/1 (filing jointly on behalf of CommScope and Google, pursuant to their partnership); Letter from Jennifer M. McCarthy, Vice President, Legal Advocacy, Federated Wireless, Inc. to Marlene H. Dortch, Secretary, FCC, GN Docket No. 15-319 (filed November 8, 2023), https://www.fcc.gov/ecfs/document/1109996618686/1.

[3] DPAs are pre-defined protection areas that extend beyond the coastline or that enclose a protected terrestrial radar facility, which may be activated or deactivated as necessary to protect DoD radar systems. *Promoting Investment in the 3550-3700 MHz Band*, GN Docket No. 17-258, Order, 33 FCC Rcd 4987 (WTB/OET 2018). NTIA depicts the (continued….)

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CommScope, Federated Wireless, and Google are authorized to operate their ESC sensors consistent with the information—including sensor locations, configuration, and DPA coverage—submitted to, and approved by, WTB/OET.[4] In addition, each ESC operator must operate in conjunction with at least one Spectrum Access System (SAS) that has been approved for commercial deployment by the Commission.[5] Before providing commercial service for any given DPA, each ESC operator must file a notification in GN Docket No. 15-319, which must affirm that the approved sensors covering the DPA are constructed and operational and must list the approved SASs with which the ESC is communicating.

CommScope and Google have satisfied the sensor coverage requirements for the following DPAs:

- Hawaii 1 through 9 and Pearl Harbor.[6]

Federated has satisfied the sensor coverage requirements for the following DPA:

- East 24

CommScope, Federated Wireless, and Google are permitted to update their ESC Sensor Registrations at any time in accordance with the process established in the *ESC Sensor Registration Public Notice*, and they must provide updates on an ongoing basis if any changes are made to the parameters of their approved ESC sensor deployments. WTB/OET will continue to approve ESC Sensor Registrations on a rolling basis as described in the *ESC Sensor Registration Public Notice*.[7] We remind ESC operators that, going forward, they must file ESC Sensor Registrations and any supplements with the Commission using the Commission's Electronic Comment Filing System.[8] *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998). ESC operators may request confidential treatment of information contained in their filings consistent with section 0.459 of the Commission's rules.[9] All such filings should refer to **GN Docket 15-319**. These modified procedural requirements supersede those set forth in the *ESC Sensor Registration Public Notice*.[10]

By the Chief, Wireless Telecommunications Bureau, and the Chief, Office of Engineering and

DPAs in Attachment A of a letter sent by Paige R. Atkins, NTIA, to Julius P. Knapp and Donald K. Stockdale Jr. of the FCC on May 17, 2018. This letter and the specific coordinates for the DPAs are available at https://www.ntia.doc.gov/fcc-filing/2015/ntia-letter-fcc-commercial-operations-3550-3650-mhz-band.

[4] *2019 ESC Operator Approval Public Notice*, 34 FCC Rcd at 2794, para. 5 (citing *ESC Sensor Registration Public Notice*, 33 FCC Rcd at 10016); *see also Amendment of the Commission's Rules with Regard to Commercial Operations in the 3550-3650 MHz Band*, GN Docket No. 12-354, Report and Order and Second Further Notice of Proposed Rulemaking, 30 FCC Rcd 3959 at 4070-71, para. 386 (*2015 Report and Order* and *2015 FNPRM*, respectively).

[5] *2019 ESC Operator Approval Public Notice*, 34 FCC Rcd at 2794, para. 5 (citing *ESC Sensor Registration Public Notice*, 33 FCC Rcd at 10016).

[6] The DPAs around Hawaii will be protected by a portal-based scheduling solution through June 30, 2024. After that time, these DPAs will be protected by ESC sensors, including those approved herein. *Wireless Telecommunications Bureau and Office of Engineering and Technology Announce Temporary and Portal-Based Protections for Federal Operations in and Around Hawaii*, GN Docket Nos. 17-258 and 15-319, Public Notice, DA 23-894 (WTB/OET 2023).

[7] *ESC Sensor Registration Public Notice*, 33 FCC Rcd at 10017.

[8] *November 2019 ESC Sensor Registration Public Notice,* 34 FCC Rcd at 11050.

[9] *See* 47 CFR § 0.459.

[10] *ESC Sensor Registration Public Notice*, 33 FCC Rcd at 10018.

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Technology.

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DA No. 24-122

Report No. SCL-00449 **Friday February 9, 2024**

Actions Taken Under Cable Landing License Act

Section 1.767(a) Cable Landing Licenses, Modifications, and Assignments or Transfers of Control of Interests in Cable Landing Licenses (47 CFR § 1.767(a))

By the Chief, Telecommunications and Analysis Division, Office of International Affairs:

Pursuant to an Act relating to the landing and operation of submarine cables in the United States, 47 U.S.C. §§ 34-39 (Cable Landing License Act), Executive Order No. 10530, Exec. Ord. No. 10530 reprinted as amended in 3 U.S.C. § 301, and section 1.767 of the Commission's rules, 47 CFR § 1.767, the following applications ARE GRANTED. These grants of authority are taken under section 0.261 of the Commission's rules. 47 CFR § 0.261. Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules may be filed within thirty (30) days of the date of this public notice. 47 CFR §§ 1.106, 1.115.

These applications have been coordinated with the Department of State and other Executive Branch agencies pursuant to section 1.767(b) of the Commission's rules and consistent with procedures established with the Department of State. 47 CFR § 1.767(b); see Review of Commission Consideration of Applications under the Cable Landing License Act, IB Docket No. 00-106, Report and Order, 16 FCC Rcd 22167, 22192-93, paras. 51-52 (2001) (Submarine Cable Landing License Report and Order); Commission Announces Department of State's Revised Procedures for its Consideration of Submarine Cable Landing License Applications, IB Docket No. 16-155, Public Notice, DA 22-435 (rel. Apr. 19, 2022).

This public notice serves as each cable landing licensee's Cable Landing License, or modification thereto, pursuant to the Cable Landing License Act and sections 1.767 and 1.768 of the Commission's rules. 47 CFR §§ 1.767, 1.768. Cable landing licensees should review the terms and conditions of their licenses. Failure to comply with these terms and conditions or relevant Commission rules and policies could result in fines or forfeitures.

SCL-T/C-20230411-00010 E Quintillion Subsea Operations, LLC

Transfer of Control

Grant of Authority Date of Action: 02/08/2024

Current Licensee: Quintillion Subsea Operations, LLC

FROM: QSH Parent HoldCo, LLC

TO: Q Gateway Ultimate Holdings LLC

Quintillion Subsea Operations, LLC (Quintillion Operations) filed an application for consent to transfer control of Quintillion Operations from its indirect parent, QSH Parent Holdco, LLC (QSH Parent), to Q Gateway Ultimate Holdings LLC (Q Gateway). Quintillion Operations, a Delaware company, is the licensee of the Quintillion System (SCL-LIC-20160325-00009), a non-common carrier cable system that connects Oliktok Point (Prudhoe Bay), Alaska; Utqiagvik (f/k/a Barrow), Alaska; Wainwright, Alaska; Point Hope, Alaska; Kotzebue, Alaska; and Nome, Alaska. The Applicants filed a supplement on May 17, 2023. The Application was placed on Public Notice on May 19, 2023. See Streamlined Submarine Cable Landing License Applications Accepted For Filing, File No. SCL-T/C-20230411-00010, Public Notice, Report No. SCL-00407S (OIA rel. May 19, 2023). No comments were filed in response to the Public Notice.

The Application has been coordinated with the Department of State and other Executive Branch agencies pursuant to section 1.767(b) of the Commission's rules, 47 CFR § 1.767(b), and consistent with the procedures established by the Department of State. See Review of Commission Consideration of Applications under the Cable Landing License Act, IB Docket No. 00-106, Report and Order, 16 FCC Rcd 22167, 22192-93, paras. 51-52 (2001); Commission Announces Department of State's Revised Procedures For Its Consideration of Submarine Cable Landing License Applications, IB Docket No. 16-155, Public Notice, DA 22-435 (IB Apr. 19, 2022) (State Department Review PN). On June 14, 2023, the Committee for the Assessment of Foreign Participation in the United States Telecommunications Services Sector (Committee) filed a letter notifying the Commission that the Committee was reviewing the Application for any national security and law enforcement concerns that may be raised by foreign participation in the United States telecommunications services sector and requested that the Commission defer action on the Application. We deferred action on the Application in response to the Committee's request. On January 22, 2024, the National Telecommunications and Information Administration (NTIA), on behalf of the Committee, filed a Petition to Adopt Conditions to Authorization and License (Petition). The Committee has no objection to the Commission granting the application, provided that the Commission conditions its approval on the assurance of Quintillion Subsea Operations, LLC, Q Gateway Ultimate Holdings, LLC, and Grain Communications Opportunity Fund III, Master, L.P. to abide by the commitments and undertakings set forth in the January 9, 2024, National Security Agreement (NSA) attached to the Petition. The Application was referred to the Department of State on January 23, 2024, in accordance with the review process set out in the letter from the Under Secretary of State for Economic, Business and Agricultural Affairs to the Chairwoman, Federal Communications Commission (dated Feb. 23, 2022). See State Department Review PN.

Pursuant to a March 28, 2023 Agreement and Plan of Merger, Q Gateway Merger Sub, LLC (Merger Sub), a subsidiary of Q Gateway, will merge into QSH Parent with QSH Parent being the surviving entity. Upon consummation, Quintillion Operations and QSH Parent will become indirect wholly owned subsidiaries of Q Gateway.

Upon closing of the transaction, the following individuals and/or entities will hold 10% or greater direct or indirect interests in Quintillion Operations: (1) Quintillion Subsea Holdings, LLC, a Delaware entity (100% direct voting and equity interest in Quintillion Operations); (2) QSH Intermediate Holdco, LLC, a Delaware entity (100% direct voting and equity interest in Quintillion Subsea Holdings, LLC); (3) QSH Parent, a Delaware entity (100% direct and equity interest in QSH Intermediate Holdco, LLC); (4) Q Gateway Intermediate Holdings, LLC, a Delaware entity (100% direct voting and equity interest in QSH Parent); (5) Q Gateway Ultimate Holdings, LLC, a Delaware entity (100% direct voting and equity interest in Q Gateway Intermediate Holdings, LLC); (6) Q MIP LLC, a Delaware entity (approx. 10% direct equity interest in Q Gateway Ultimate Holdings, LLC); and (7) Grain Communications Opportunity Fund III Master L.P. (GCO Fund III), a Delaware entity (approx. 90% equity interest and 100% voting interest in Q Gateway Ultimate Holdings, LLC). The exact percentage of equity interests in Q Gateway Ultimate Holdings, LLC to be held by Q MIP LLC and GCO Fund III will depend on the final purchase price at the time of closing.

The limited partnership interests in GCO Fund III are held by passive financial investors, three of which hold a 10% or greater equity interest in GCO Fund III: (1) Grain Communications Opportunity Fund III, LP, a Delaware entity (63.8% equity interest), (2) Grain Communications Opportunity Fund III (Parallel), L.P. (GCO Fund III (Parallel)), a Cayman Islands entity (18.7% equity interest), and (3) Grain Communications Opportunity Fund III (DE Parallel), L.P. (GCO Fund III (DE Parallel), a Delaware entity (17.3% equity interest). GCOF III GP, LLC (GCOF III GP), a Delaware entity, is the general partner of GCO Fund III and its three limited partners, and holds a 0.2% equity interest in GCO Fund III.

Grain Capital II, LLC, a Delaware entity, is the sole managing member of GCOF III GP, LLC (64.5% membership interests in GCOF III GP). The sole member of Grain Capital II, LLC is Grain Capital, LLC, a Delaware entity. David Grain, a U.S. citizen, owns Grain Capital, LLC and holds a less than 10% equity interest in GCO Fund III.

The Applicants state that post-transaction no other individual or entity will have 10% or greater direct or indirect equity or voting interest in GCO Fund III or Quintillion Operations.

Quintillion Subsea Operations, LLC and Q Gateway Ultimate Holdings LLC shall comply with the routine conditions specified in section 1.767(g) of the Commission's rules, 47 CFR § 1.767(g).

We grant the Petition filed by NTIA on behalf of the Committee on January 22, 2024. Accordingly, we condition grant of the Application on Quintillion Subsea Operations, LLC, Q Gateway Ultimate Holdings, LLC, and Grain Communications Opportunity Fund III, Master, L.P. abiding by the commitments and undertakings set forth in the NSA between Quintillion Subsea Operations, LLC, Q Gateway Ultimate Holdings, LLC, and Grain Communications Opportunity Fund III, Master, L.P. (together, the Parties) and the Committee for the Assessment of Foreign Participation in the United States Telecommunications Services Sector (the Committee), represented by the U.S. Department of Homeland Security, the U.S. Department of Justice, and the U.S. Department of Defense (together, the Compliance Monitoring Agencies).

Copies of the Petition and NSA are publicly available and may be viewed on the FCC website through International Communications Filing System (ICFS) by searching for SCL-T/C-20230411-00010 and accessing "Other filings related to this application" from the Document Viewing area.

A failure to comply and/or remain in compliance with any of these commitments and undertakings shall constitute a failure to meet a condition of the transfer of control application and the underlying cable landing license, SCL-LIC-20160325-00009, and thus grounds for declaring the cable landing license terminated without further action on the part of the Commission. Failure to meet a condition of the grant of the transfer of control application or the cable landing license may also result in monetary sanctions or other enforcement action by the Commission.

This authorization is without prejudice to the Commission's action in any other related pending proceedings.

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DA No. 24-123

Report No. SAT-01798 **Friday February 9, 2024**

Satellite Licensing Division and Satellite Programs and Policy Division Information

Actions Taken

The Commission, by its Space Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-AMD-20231030-00267 E S3172 Momentus Space LLC
Amendment
Withdrawn Effective Date: 02/06/2024

Nature of Service: Other

SAT-LOA-20230501-00099 E S3172 Momentus Space LLC
Launch and Operating Authority
Withdrawn Effective Date: 02/06/2024

Nature of Service: Other

SAT-STA-20240206-00025 E S2912 Planet Labs PBC
Special Temporary Authority
Grant of Authority Effective Date: 02/07/2024

On February 7, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Planet Labs PBC for an additional period of up to 30 days to operate its Pelican-1 satellite in the 2020-2025 MHz frequency band (Earth-to-space) using different duty cycles than specified in its license.

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.

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DA 24-124
Released: February 8, 2024

MEDIA BUREAU ANNOUNCES COMMENT AND REPLY COMMENT DEADLINES FOR THE LOCAL PROGRAMMING PRIORITY APPLICATION REVIEW NPRM

MB Docket No. 24-14

Comment Date: March 11, 2024
Reply Comment Date: April 8, 2024

On January 17, 2024, the Commission released a *Notice of Proposed Rulemaking* (*NPRM*) proposing to prioritize processing review of certain applications filed by commercial and noncommercial radio and television broadcast stations that provide local journalism or other locally originated programming.[1] The Commission set deadlines for filing comments and reply comments in response to the *NPRM* at 30 and 60 days, respectively, after publication of the *NPRM* in the Federal Register.[2]

A summary of the *NPRM* was published in the Federal Register on February 8, 2024.[3] Accordingly, comments will be due on or before March 11, 2024, and reply comments on or before April 8, 2024. Commenters should follow the filing instructions provided in paragraph 24 of the *NPRM*.[4] The *NPRM* is available on the Commission's website.[5]

For additional information, contact Kim Matthews, Kim.Matthews@fcc.gov, of the Policy Division, Media Bureau, (202) 418-2154.

- FCC -

[1] *Priority Application Review for Broadcast Stations that Provide Local Journalism or Other Locally Originated Programming*, Notice of Proposed Rulemaking, MB Docket No. 24-14, FCC 24-1 (rel. Jan. 17, 2024).

[2] *Id*. at 1.

[3] Federal Communications Commission, Priority Application Review for Broadcast Stations that Provide Local Journalism or Other Locally Originated Programming, Proposed Rule, 89 FR 8622 (Feb. 8, 2024).

[4] *See NPRM* at para. 24.

[5] *See* https://docs.fcc.gov/public/attachments/FCC-24-1A1.docx (Word); https://docs.fcc.gov/public/attachments/FCC-24-1A1.pdf (PDF).

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DA 24-125
Enforcement Advisory No. 2024-01
February 9, 2024

FCC ENFORCEMENT ADVISORY

TELECOMMUNICATIONS CARRIERS AND INTERCONNECTED VOIP PROVIDERS MUST FILE ANNUAL REPORTS CERTIFYING COMPLIANCE WITH COMMISSION RULES PROTECTING CUSTOMER PROPRIETARY NETWORK INFORMATION

ANNUAL CPNI CERTIFICATIONS DUE MARCH 1, 2024

Filing of Annual Customer Proprietary Network Information (CPNI) Certifications for Calendar Year 2023

EB Docket No. 06-36

The FCC's Enforcement Bureau reminds telecommunications carriers and interconnected Voice over Internet Protocol (VoIP) providers of their obligation to file their annual certification documenting compliance with the Customer Proprietary Network Information (CPNI) rules by March 1, 2024.[1] The protection of CPNI is of paramount importance, as it includes sensitive personal information that carriers collect about their customers during the course of their business relationship (e.g., telephone numbers of calls made and received; the frequency, duration, location, and timing of such calls; and any services purchased by the consumer, such as call waiting and voicemail). The Commission's rules seek to ensure that CPNI is adequately protected from unauthorized access, use, or disclosure.

Failure to file a timely and complete certification calls into question whether a company has complied with the rules requiring it to protect the privacy and security of its customers' sensitive information. Telecommunications carriers and interconnected VoIP providers can satisfy their certification filing obligation in several ways, as described in Attachment 1.

Because the CPNI rules provide important consumer protections, the Commission has taken enforcement action against telecommunications carriers and interconnected VoIP providers that failed to comply with the requirements, and we intend to continue to enforce the rules.

[1] This Enforcement Advisory highlights certain obligations under the CPNI rules. Failure to receive this notice does not absolve a provider of the obligation to meet the requirements of the Communications Act of 1934, as amended, or the Commission's rules and orders. Companies should read the full text of the relevant CPNI rules at 47 CFR § 64.2001 *et seq*.

Companies are reminded that failure to comply with the CPNI rules, including the annual certification requirement, may subject them to enforcement action, including monetary forfeitures of up to $ 244,958 for each violation or each day of a continuing violation, up to a maximum of $2,449,575.[2] False statements or misrepresentations to the Commission may be punishable by fine or imprisonment under Title 18 of the U.S. Code.

Attachments: (1) Frequently Asked Questions; (2) CPNI Certification Template; (3) Text of the CPNI rules.

Issued by: Chief, Enforcement Bureau

[2] 47 U.S.C. § 503(b)(2)(B); *see also* 47 CFR § 1.80(b)(2); *Amendment of Section 1.80(b) of the Commission's Rules, Adjustment of Civil Monetary Penalties to Reflect Inflation*, Order, DA 23-1198, 89 Fed. Reg. 2148 (Dec. 22, 2023).

ATTACHMENT 1

FREQUENTLY ASKED QUESTIONS

The following frequently asked questions are addressed in this Enforcement Advisory:

- What are the CPNI rules, and where can I find them?
- Who is required to file?
- Is there an exemption for small companies?
- What must be included in the annual certification filing?
- When are companies required to file the annual certification?
- Is this the same as my form 499 filing or my USF filing?
- What format should I use for my CPNI certification?
- How do I file the CPNI certification?
- What if I have questions?

What are the CPNI rules, and where can I find them?

Protection of CPNI is a fundamental obligation under section 222 of the Communications Act of 1934, as amended (Communications Act or Act). Consumers are understandably concerned about the privacy and security of the sensitive, personal data that their telecommunications carriers collect in the provision of service. In recognition of these concerns, the Commission issued rules requiring carriers and interconnected VoIP providers to establish and maintain systems designed to ensure that they adequately protect their subscribers' CPNI. Those rules also require carriers and interconnected VoIP providers to, among other things: (1) obtain customers' approval to use, disclose, or permit access to their CPNI for marketing or other purposes;[1] (2) notify customers of their right to restrict the use of their CPNI;[2] (3) take reasonable measures to discover and protect against attempts to gain unauthorized access to CPNI;[3] (4) notify law enforcement and affected customers of a breach of CPNI.[4] In addition, all companies subject to the CPNI rules must file an annual certification documenting their compliance with the rules, and documenting any complaints or problems.[5] Companies must file these certifications with the Commission annually, on or before March 1.[6]

The CPNI rules are found at 47 CFR § 64.2001 *et seq*. A copy of the current version of the certification portion of the rules is attached to this Enforcement Advisory. To ensure that you are aware of any changes to the rules, you are advised *always* to check the current version of the Code of Federal Regulations, which can be found at the Government Printing Office website, here: https://www.ecfr.gov.

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[1] 47 CFR § 64.2007.

[2] *Id.* § 64.2008.

[3] *Id.* § 64.2010(a).

[4] *Id.* § 64.2011.

[5] *Id.* § 64.2009(e).

[6] *Id.*

Who is required to file?

Telecommunications carriers and interconnected VoIP providers must file a CPNI certification each year.

- A "telecommunications carrier" is "any provider of telecommunications services," except an aggregator.[7] The Communications Act defines telecommunications service as "the offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used."[8]
- Some examples of "telecommunications carriers" that must file an annual certification are: local exchange carriers (LECs) (including incumbent LECs, rural LECs, and competitive LECs), interexchange carriers, commercial mobile radio services (CMRS) providers, resellers, prepaid telecommunications providers, and calling card providers. *This list is not exhaustive.*
- "Interconnected VoIP providers" are companies that provide a service that: "(1) enables real-time, two-way voice communications; (2) requires a broadband connection from the user's location; (3) requires Internet protocol-compatible customer premises equipment (CPE); and (4) permits users generally to receive calls that originate on the public switched telephone network and terminate calls to the public switched network."[9]

Is there an exemption for small companies?

No, there is no exemption for small companies. The annual certification filing requirement applies regardless of the size of the company.

What must be included in the annual certification filing?

The annual certification filing must include all of the elements listed below:

- A compliance certificate signed by an officer of the company.
- A statement by the officer in the compliance certificate that he or she has personal knowledge that the company has established operating procedures that are adequate to ensure compliance with the CPNI rules.
- A written statement accompanying the certification explaining how the company's operating procedures ensure that it is or is not in compliance with the CPNI rules.
- An explanation of any actions taken against data brokers.
- A summary of all consumer complaints received in the prior year concerning unauthorized release of CPNI.

See Attachment 2 for a suggested template that can be used to prepare the certification filing.

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[7] 47 U.S.C. § 153(51). Section 226 of the Act defines an aggregator as "any person that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises, for interstate telephone calls using a provider of operator services." 47 U.S.C. § 226(a)(2).

[8] 47 U.S.C. § 153(53).

[9] 47 CFR § 9.3.

In reviewing prior years' filings, we have found the following deficiencies:

- Some companies have failed to have the officer signing the certification affirmatively state that he or she has *personal knowledge* that the company has established operating procedures that are adequate to ensure compliance. **An officer of the company must sign the compliance certificate.**
- Some companies have failed to provide a statement accompanying the certification explaining how their operating procedures ensure that they are or are not in compliance with the rules. **Stating that the company has adopted operating procedures without explaining how compliance is being achieved does not satisfy this requirement.**
- Some companies have failed to state clearly whether any actions were taken against data brokers in the prior year. **If there were no such actions, the company must *include an affirmative statement* of that fact to make clear that it has provided the required information**.
- Some companies have failed to state clearly whether any customer complaints were received in the prior year concerning the unauthorized release of CPNI. **If there were no such complaints, the company must *include an affirmative statement* of that fact to make clear that it has provided the required information.**

To help companies ensure that their certifications contain all of the required information, we are providing a suggested template, attached to this Enforcement Advisory.

When are companies required to file the annual certification?

The 2024 annual certification filing (for calendar year 2023) is due no later than March 1, 2024.

Is this the same as my Form 499 filing or my USF filing?

No. The annual CPNI certification filing is different from FCC Form 499 filings and USF filings.

What format should I use for my CPNI certification?

A suggested template is attached to this Enforcement Advisory. *See* Attachment 2. This template was designed to ensure that companies will comply with the annual certification filing requirement of 47 CFR § 64.2009(e) if they complete it fully and accurately. Use of this template is not mandatory, and companies may use any format that fulfills the requirements of the rule. If you elect to use the suggested template, we encourage you to review the template carefully and to ensure that all fields are fully and accurately completed before submission.

How do I file the CPNI certification?

1. Certifications may be filed using the Commission's Electronic Comment Filing System (ECFS) or the Commission's web-based application. To file a certification using ECFS, visit https://www.fcc.gov/ecfs/filings. Filings submitted through ECFS must reference **EB Docket No. 06-36** in the "proceeding" field. Companies must file a separate certification for each affiliate in possession of a unique 499 filer ID number. For the Commission's web-based application specifically designed for this purpose, visit http://apps.fcc.gov/eb/CPNI/. Instructions are provided at the website.

2. Do not send copies of certifications to the Enforcement Bureau or to any individuals within the Enforcement Bureau unless such filing is a requirement of a consent decree with the Enforcement Bureau.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty).

What if I have questions?

For further information regarding the annual certification filing, please contact the Telecommunications Consumers Division, Enforcement Bureau, by email at EB-TCD-Privacy@fcc.gov.

ATTACHMENT 2

Annual 47 CFR § 64.2009(e) CPNI Certification Template

EB Docket 06-36

Annual 64.2009(e) CPNI Certification for [*Insert year*] covering the prior calendar year [*Insert year*]

1. Date filed: [*Insert date*]
2. Name of company(s) covered by this certification: [*Insert company name*]
3. Form 499 Filer ID: [*Provide filer ID number(s)*]
4. Name of signatory: [*Insert name*]
5. Title of signatory: [*Insert title of corporate officer*]
6. Certification:

I, [i*nsert name of officer signing certification*], certify that I am an officer of the company named above, and acting as an agent of the company, that I have personal knowledge that the company has established operating procedures that are adequate to ensure compliance with the Commission's CPNI rules. *See* 47 CFR § 64.2001 *et seq*.

Attached to this certification is an accompanying statement explaining how the company's procedures ensure that the company is in compliance with the requirements (including those mandating the adoption of CPNI procedures, training, safeguards, recordkeeping, and supervisory review) set forth in section 64.2001 *et seq.* of the Commission's rules.

The company [*has/has not]* taken actions (i.e., proceedings instituted or petitions filed by a company at either state commissions, the court system, or at the Commission against data brokers) against data brokers in the past year. [NOTE: If you reply in the affirmative, provide an explanation of any actions taken against data brokers.]

The company [*has/has not*] received customer complaints in the past year concerning the unauthorized release of CPNI. [NOTE: If you reply in the affirmative, provide a summary of such complaints. This summary must include the number of complaints, broken down by category or complaint, e.g., instances of improper access by employees, instances of improper disclosure to individuals not authorized to receive the information, or instances of improper access to online information by individuals not authorized to view the information.]

The company represents and warrants that the above certification is consistent with 47 CFR § 1.17, which requires truthful and accurate statements to the Commission. The company also acknowledges that false statements and misrepresentations to the Commission are punishable under Title 18 of the U.S. Code and may subject it to enforcement action.

Signed _____ [*Signature of an officer, as agent of the carrier*]

Attachments: Accompanying Statement explaining CPNI procedures
Explanation of actions taken against data brokers (if applicable)
Summary of customer complaints (if applicable)

ATTACHMENT 3

47 CFR § 64.2009 Safeguards required for use of customer proprietary network information.

(a) Telecommunications carriers must implement a system by which the status of a customer's CPNI approval can be clearly established prior to the use of CPNI.

(b) Telecommunications carriers must train their personnel as to when they are and are not authorized to use CPNI, and carriers must have an express disciplinary process in place.

(c) All carriers shall maintain a record, electronically or in some other manner, of their own and their affiliates' sales and marketing campaigns that use their customers' CPNI. All carriers shall maintain a record of all instances where CPNI was disclosed or provided to third parties, or where third parties were allowed access to CPNI. The record must include a description of each campaign, the specific CPNI that was used in the campaign, and what products and services were offered as a part of the campaign. Carriers shall retain the record for a minimum of one year.

(d) Telecommunications carriers must establish a supervisory review process regarding carrier compliance with the rules in this subpart for outbound marketing situations and maintain records of carrier compliance for a minimum period of one year. Specifically, sales personnel must obtain supervisory approval of any proposed outbound marketing request for customer approval.

(e) A telecommunications carrier must have an officer, as an agent of the carrier, sign and file with the Commission a compliance certificate on an annual basis. The officer must state in the certification that he or she has personal knowledge that the company has established operating procedures that are adequate to ensure compliance with the rules in this subpart. The carrier must provide a statement accompanying the certificate explaining how its operating procedures ensure that it is or is not in compliance with the rules in this subpart. In addition, the carrier must include an explanation of any actions taken against data brokers and a summary of all customer complaints received in the past year concerning the unauthorized release of CPNI. This filing must be made annually with the Enforcement Bureau on or before March 1 in EB Docket No. 06-36, for data pertaining to the previous calendar year.

(f) Carriers must provide written notice within five business days to the Commission of any instance where the opt-out mechanisms do not work properly, to such a degree that consumers' inability to opt-out is more than an anomaly.

(1) The notice shall be in the form of a letter, and shall include the carrier's name, a description of the opt-out mechanism(s) used, the problem(s) experienced, the remedy proposed and when it will be/was implemented, whether the relevant state commission(s) has been notified and whether it has taken any action, a copy of the notice provided to customers, and contact information.

(2) Such notice must be submitted even if the carrier offers other methods by which consumers may opt-out.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6626274
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

[1] *See* Informal Complaint No. 6626274 (filed Dec. 7, 2023); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed to Clear Rate without his authorization.[9] In the complaint, Complainant stated that they "received a phone call claiming they were contracted with Verizon to handle our small business account."[10]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[11] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[12] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[13] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service

[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6626274.

[10] *Id*.

[11] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[12] *See* Clear Rate Response to Informal Complaint No. 6626274 (filed Dec. 18, 2023) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[13] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

provider, as defined by the rules, and we discuss Clear Rate's liability below.[14]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[15] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[16] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[17]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[14] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[15] *See id.* § 64.1160(b).

[16] *See id.* § 64.1160(d).

[17] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, DC 20554

In re Application of	)	
	)	
Mendocino Environmental Center	)	Facility ID No. 124562
	)	NAL/Acct. No. MB-202441410007
For Renewal of License for	)	FRN: 0022837652
Low Power FM Station KMEC-LP	)	File No. 0000170650
Ukiah, California	)	

MEMORANDUM OPINION AND ORDER AND
NOTICE OF APPARENT LIABILITY FOR FORFEITURE

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Chief, Audio Division, Media Bureau:

I. INTRODUCTION

1. The Media Bureau (Bureau) has before it the application[1] of Mendocino Environmental Center (Licensee) for renewal of license for low power FM (LPFM) Station KMEC-LP, Ukiah, California (Station). In this *Memorandum Opinion and Order and Notice of Apparent Liability for Forfeiture (NAL)*,[2] we find that the Licensee apparently willfully violated section 73.3539[3] of the Commission's rules (Rules) by failing to timely file a license renewal application for the Station. Based upon our review of the facts and circumstances before us, we conclude that the Licensee is apparently liable for a monetary forfeiture in the amount of one thousand five hundred dollars ($1,500).

II. BACKGROUND

2. Section 73.7539(a) of the Rules requires that applications for renewal of license for broadcast stations must be filed "not later than the first day of the fourth full calendar month prior to the expiration date of the license sought to be renewed."[4] An application for the renewal of the Station's license should have been filed by August 1, 2021, the first day of the fourth full calendar month prior to the Station's December 1, 2021, license expiration date.[5] The Application was not filed until November 22, 2021. The Licensee provides no explanation for its untimely filing of the Application.

III. DISCUSSION

3. *Proposed Forfeiture*. In this case, the Licensee failed to file the Application on or before August 1, 2021, as required by section 73.3539(a) of the Rules. The Application was not received until

[1] Application File No. 0000170650 (filed Nov. 22, 2021) (Application).

[2] This *NAL* is issued pursuant to sections 309(k) and 503(b) of the Communications Act of 1934, as amended (Act), and section 1.80 of the Rules. *See* 47 U.S.C. §§ 309(k), 503(b); 47 CFR § 1.80. The Bureau has delegated authority to issue the NAL under section 0.283 of the Commission's rules. *See* 47 CFR § 0.283.

[3] *See* 47 CFR § 73.3539.

[4] 47 CFR § 73.3539(a).

[5] *See* 47 CFR §§ 73.1020, 73.3539(a).

November 22, 2021. Moreover, as noted above, Licensee did not provide an explanation that would excuse the late filing.[6]

4. This *NAL* is issued pursuant to section 503(b)(1)(B) of the Act. Under that provision, a person who is found to have willfully or repeatedly failed to comply with any provision of the Act or any rule, regulation, or order issued by the Commission shall be liable to the United States for a forfeiture penalty.[7] Section 312(f)(1) of the Act defines willful as "the conscious and deliberate commission or omission of [any] act, irrespective of any intent to violate" the law.[8] The legislative history to section 312(f)(1) of the Act clarifies that this definition of willful applies to both sections 312 and 503(b) of the Act,[9] and the Commission has so interpreted the term in the section 503(b) context.[10]

5. The Commission's *Forfeiture Policy Statement* and section 1.80(b)(11) of the Rules establish a base forfeiture amount of $3,000 for the failure to file a required form.[11] In determining the appropriate forfeiture amount, we may adjust the base amount upward or downward by considering the factors enumerated in section 503(b)(2)(E) of the Act, including "the nature, circumstances, extent and gravity of the violation, and, with respect to the violator, the degree of culpability, any history of prior offenses, ability to pay, and such other matters as justice may require."[12]

6. In this case, the Licensee failed to file a timely renewal application for the Station and has not provided any explanation for its untimely filing. However, the Licensee did file the Application prior to the expiration of the Station's license. Taking into consideration all of the factors required by section 503(b)(2)(E) of the Act and the *Forfeiture Policy Statement*, we will reduce the forfeiture from the base amount to $1,500 for the failure to file a timely license renewal application because, as an LPFM station, the Station is providing a secondary service.[13]

IV. ORDERING CLAUSES

7. Accordingly, **IT IS ORDERED**, pursuant to section 503(b) of the Communications Act

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[6] Separately, we note that in the Application, the Licensee discloses that the Station went silent on May 7, 2021, because "the building that housed the studio was closed by the pandemic" and that "Station service [was] sporadically interrupted from time to time" until December 11, 2021, when it resumed normal, continuous operations. *See* Application at "KMEC-LP Notif of Resumption.pdf" and "KMEC-LP Service Interruptions.pdf" (noting that the "building housing the studio, the Mendocino Environmental Center, has been closed with access limited to an occasional single programmer or on-air host"). The Licensee states that "even during those six months, the station was able to do some broadcast transmissions remotely and this was the reason an STA for silent authority never was sought." *Id.* We remind Licensee that if the Station suspends operation for a period of more than 30 days, it must request specific authority from the Commission and that failure to file a request for silent authority in a timely manner may result in enforcement action. *See* 47 CFR §§ 73.850(d); 73.1635.

[7] 47 U.S.C. § 503(b)(1)(B). *See also* 47 CFR § 1.80(a)(1).

[8] 47 U.S.C. § 312(f)(1).

[9] *See* H.R. Rep. No. 97-765, 97th Cong. 2d Sess. 51 (1982).

[10] *See Southern California Broad. Co.*, Memorandum Opinion and Order, 6 FCC Rcd 4387, 4388, para. 5 (1991), *recon. denied*, Memorandum Opinion and Order, 7 FCC Rcd 3454 (1992).

[11] *See Forfeiture Policy Statement and Amendment of Section 1.80(b) of the Rules to Incorporate the Forfeiture Guidelines*, Report and Order, 12 FCC Rcd 17087, 17113-15 (1997) (*Forfeiture Policy Statement*), *recon. denied*, 15 FCC Rcd 303 (1999); 47 CFR § 1.80(b)(11), note to paragraph (b)(11), Section I.

[12] 47 U.S.C. § 503(b)(2)(E); *see also Forfeiture Policy Statement*, 12 FCC Rcd at 17100; 47 CFR § 1.80(b)(11).

[13] *See, e.g., La Casa de la* Raza, Memorandum Opinion and Order and Notice of Apparent Liability for Forfeiture, 37 FCC Rcd 2703 (MB 2022) and *Virginia Center for Public Press*, Memorandum Opinion and Order and Notice of Apparent Liability, 34 FCC Rcd 9312 (MB 2019) (each proposing a $1,500 forfeiture for untimely filed renewal application for LPFM station).

of 1934, as amended, and section 1.80 of the Commission's rules,[14] that Mendocino Environmental Center is hereby **NOTIFIED** of its **APPARENT LIABILITY FOR FORFEITURE** in the amount of one thousand five hundred dollars ($1,500) for its apparent willful violation of section 73.3539 of the Commission's rules.[15]

8. **IT IS FURTHER ORDERED**, pursuant to section 1.80 of the Commission's rules, that, within thirty (30) days of the release date of this Notice of Apparent Liability, Mendocino Environmental Center **SHALL PAY** the full amount of the proposed forfeiture or **SHALL FILE** a written statement seeking reduction or cancellation of the proposed forfeiture.

9. Payment of the forfeiture must be made by credit card, ACH (Automated Clearing House) debit from a bank account using CORES (the Commission's online payment system),[16] or by wire transfer. Payments by check or money order to pay a forfeiture are no longer accepted. Below are instructions that payors should follow based on the form of payment selected:[17]

- Payment by wire transfer must be made to ABA Number 021030004, receiving bank TREAS/NYC, and Account Number 27000001. A completed Form 159 must be faxed to the Federal Communications Commission at 202-418-2843 or e-mailed to RROGWireFaxes@fcc.gov on the same business day the wire transfer is initiated. Failure to provide all required information in Form 159 may result in payment not being recognized as having been received. When completing FCC Form 159, enter the Account Number in block number 23A (call sign/other ID), enter the letters "FORF" in block number 24A (payment type code), and enter in block number 11 the FRN(s) captioned above (Payor FRN).[18] For additional detail and wire transfer instructions, go to https://www.fcc.gov/licensing-databases/fees/wire-transfer.
- Payment by credit card must be made by using the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/userLogin.do. To pay by credit card, log-in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" from the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL/Acct. No. The bill number is the NAL Acct. No. (e.g., NAL/Acct. No. 1912345678 would be associated with FCC Bill Number 1912345678). After selecting the bill for payment, choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.
- Payment by ACH must be made by using the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/paymentFrnLogin.do. To pay by ACH, log in using the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" on the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL/Acct. No. The bill number is the NAL/Acct. No. (e.g., NAL/Acct. No. 1912345678 would be associated with FCC Bill Number 1912345678). Finally, choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the correct Routing Number

[14] 47 U.S.C. § 503(b); 47 CFR § 1.80.

[15] 47 CFR § 73.3539.

[16] Payments made using CORES do not require the submission of an FCC Form 159.

[17] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #6), or by e-mail at ARINQUIRIES@fcc.gov.

[18] Instructions for completing the form may be obtained at https://www.fcc.gov/Forms/Form159/159.pdf.

and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

10. Any request for making full payment over time under an installment plan should be sent to: Associate Managing Director—Financial Operations, Federal Communications Commission, 45 L Street, N.E., Washington, DC 20554.[19] Questions regarding payment procedures should be directed to the Financial Operations Group Help Desk by phone, 1-877-480-3201 (option #6), or by e-mail, ARINQUIRIES@fcc.gov.

11. Any written response seeking reduction or cancellation of the proposed forfeiture must include a detailed factual statement supported by appropriate documentation and affidavits pursuant to sections 1.16 and 1.80(g)(3) of the Commission's rules.[20] The written response must be filed with the Office of the Secretary, Federal Communications Commission, 45 L Street NE, Washington DC 20554, ATTN: Albert Shuldiner, Chief, Audio Division, Media Bureau, and **MUST INCLUDE** the NAL/Acct. No. referenced above. Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.[21] A copy must be emailed to Amy.Vandekerckhove@fcc.gov.

- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.
- Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street, NE, Washington, DC 20554.

12. The Commission will not consider reducing or canceling a forfeiture in response to a claim of inability to pay unless the respondent submits: (1) federal tax returns for the most recent three-year period; (2) financial statements prepared according to generally accepted accounting practices (GAAP); or (3) some other reliable and objective documentation that accurately reflects the respondent's current financial status. Any claim of inability to pay must specifically identify the basis for the claim by reference to the financial documentation submitted. Inability to pay, however, is only one of several factors that the Commission will consider in determining the appropriate forfeiture, and we have discretion to not reduce or cancel the forfeiture if other prongs of section § 503(b)(2)(E) of the Communications Act of 1934, as amended, support that result.[22]

[19] *See* 47 CFR § 1.1914.

[20] 47 CFR §§ 1.16 and 1.80(g)(3).

[21] Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. *See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Filing*, Public Notice, 35 FCC Rcd 2788 (2020).

[22] 47 U.S.C. § 503(b)(2)(E). *See, e.g.*, *Adrian Abramovich*, Forfeiture Order, 33 FCC Rcd 4663, 4678-79, paras. 44-45 (2018).

13. **IT IS FURTHER ORDERED**, that copies of this Notice of Apparent Liability shall be sent by First Class and Certified Mail, Return Receipt Requested, to Mendocino Environmental Center, 106 West Standley Street, Ukiah, California 95482.

FEDERAL COMMUNICATIONS COMMISSION

Albert Shuldiner
Chief, Audio Division
Media Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6652290
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we therefore grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

[1] *See* Informal Complaint No. 6652290 (filed Dec. 21, 2023); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] In adopting the rules, the Commission stated that upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed to Clear Rate without Complainant's authorization.[9] Specifically, Complainant alleged that he received a call at his place of business "saying they were taking over the small business phones for Verizon as a subcontractor."[10]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[11] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[12] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.[13]

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[14] We therefore find

[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6652290.

[10] *Id.*

[11] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[12] Clear Rate Response to Informal Complaint No. 6652290 (filed Jan. 10, 2024) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[13] We caution Clear Rate that it must comply with the Commission's liability rules, which includes removing all charges incurred for service for the first 30 days after it switched Complainant's carrier. *See infra*, para. 7.

[14] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service provider, as defined by the rules, and we discuss Clear Rate's liability below.[15]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first thirty days after the alleged unauthorized change in accordance with the Commission's liability rules.[16] We have determined that Complainant is entitled to absolution for the charges incurred during the first thirty days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[17] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[18]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first thirty days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[15] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[16] *See id.* § 64.1160(b).

[17] *See id.* § 64.1160(d).

[18] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6693818
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We find that Clear Rate's actions did not result in an unauthorized change in Complainant's telecommunications service provider, and we deny Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

3. We received Complainant's complaint alleging that Complainant's telecommunications

[1] *See* Informal Complaint No. 6693818 (filed Jan 12, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id*. § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

service provider had been changed without Complainant's authorization.[6] Pursuant to our rules, we notified Clear Rate of the complaint.[7] Clear Rate responded to the complaint, stating that authorization was received and confirmed through a third-party verification (TPV) recording.[8] We have reviewed the TPV recording Clear Rate submitted with its response and find that the TPV complies with the verification requirements in the slamming rules.[9] Therefore, we conclude that Clear Rate's actions did not result in an "unauthorized change" in Complainant's telecommunications service provider, as defined in the rules.[10]

4. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361 and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS DENIED.

5. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[6] *See* Informal Complaint No. 6693818.

[7] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id*. § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier).

[8] *See* Clear Rate Response to Informal Complaint No. 6693818 (filed Jan 23, 2024) (*Clear Rate Response*).

[9] *See* 47 CFR § 64.1120(c)(3)(iii).

[10] *See id.* § 64.1100(e). If Complainant is unsatisfied with the resolution of its complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, *id*. § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6696467
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

[1] *See* Informal Complaint No. 6696467 (filed Jan.13, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed to Clear Rate without his authorization.[9] In the complaint, Complainant stated that when they called him they "explained they were associated with Verizon and wanted to lower my bill."[10]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[11] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[12] Clear Rate also provided an audio recording—the TPV recording. Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[13] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service

[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6696467.

[10] *Id*.

[11] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[12] *See* Clear Rate Response to Informal Complaint No. 6696467 (filed Jan. 22, 2024) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[13] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

provider, as defined by the rules, and we discuss Clear Rate's liability below.[14]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[15] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[16] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[17]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[14] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[15] *See id.* § 64.1160(b).

[16] *See id.* § 64.1160(d).

[17] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6714079
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

[1] *See* Informal Complaint No. 6714079 (filed Jan. 22, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed to Clear Rate without her authorization.[9] In the complaint, she stated that they "received a call from a man stating he was from Verizon." Complainant explained: "We questioned several times about it. He insisted he was from Verizon . . . ."[10]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[11] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[12] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.[13]

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[14] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service

[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6714079.

[10] *Id*.

[11] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[12] Clear Rate Response to Informal Complaint No. 6684943 (filed Jan. 16, 2024) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[13] We caution Clear Rate that it must comply with the Commission's liability rules, which includes removing all charges incurred for service for the first 30 days after it switched Complainant's carrier. *See infra*, para. 7.

[14] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

provider, as defined by the rules, and we discuss Clear Rate's liability below.[15]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[16] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[17] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[18]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[15] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[16] *See id.* § 64.1160(b).

[17] *See id.* § 64.1160(d).

[18] *See id.* § 64.1140, 64.1160.

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov

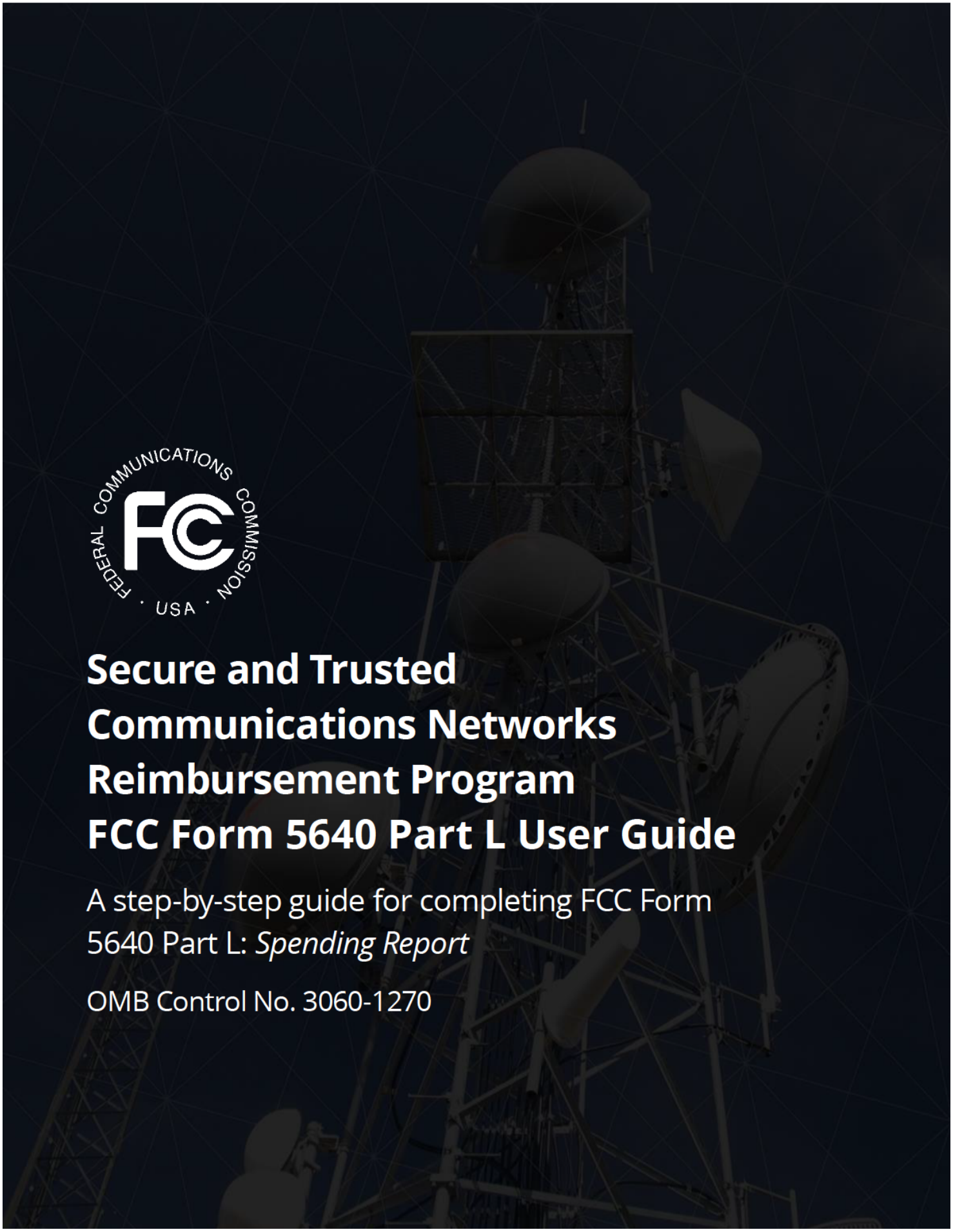
DA 24-132
Released: February 9, 2024

WIRELINE COMPETITION BUREAU UPDATES USER GUIDE FOR THE SECURE AND TRUSTED COMMUNICATIONS NETWORKS REIMBURSEMENT PROGRAM

WC Docket No. 18-89

By this Public Notice, the Wireline Competition Bureau announces that it has published an additional User Guide for the Secure and Trusted Communications Networks Reimbursement Program (Reimbursement Program). This new User Guide as well as existing User Guides and other important documents related to the Reimbursement Program are available on the FCC's website at https://www.fcc.gov/supplychain/reimbursement. We encourage Reimbursement Program recipients to regularly consult the Reimbursement Program webpage for updates. Recipients with questions may contact the Fund Administrator Help Desk by email at SCRPFundAdmin@fcc.gov or by calling (202) 418-7540 from 9:00 AM ET to 5:00 PM ET, Monday through Friday, except for Federal holidays.

- FCC -



Secure and Trusted Communications Networks Reimbursement Program FCC Form 5640 Part L User Guide

A step-by-step guide for completing FCC Form 5640 Part L: *Spending Report*

OMB Control No. 3060-1270

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Background

The Secure and Trusted Communications Networks Act of 2019 (Secure Networks Act), as amended, directed the Federal Communications Commission (FCC or Commission) to establish the Secure and Trusted Communications Networks Reimbursement Program (Reimbursement Program or SCRP).[1] The purpose of the Reimbursement Program is to reimburse providers of advanced communications services with ten million or fewer customers for costs reasonably incurred in the removal, replacement, and disposal of communications equipment or services produced or provided by Huawei Technologies Company (Huawei) or ZTE Corporation (ZTE) (or their parents, subsidiaries, or affiliates) and obtained on or before June 30, 2020 (Covered Communications Equipment or Services).[2]

In the *2020 Supply Chain Order*, the Commission adopted rules for the Reimbursement Program, which are codified in section 1.50004 of its rules.[3] The Commission revised these rules in the *2021 Supply Chain Order* and provided additional guidance on the application and reimbursement process in the *Finalized Reimbursement Process Public Notice*, including FCC Form 5640 Part C: Application Request for Funding Allocation (FCC Form 5640 Part C) and a Catalog of Eligible Expenses and Estimated Costs (Cost Catalog), and separately on the disposal process.[4]

On July 15, 2022, the Wireline Competition Bureau (Bureau) issued decisions approving and denying applications submitted for Reimbursement Program support. Applicants that were

[1] Secure and Trusted Communications Act of 2019, Pub. L. No. 116-124, 134 Stat. 158 (2020) (codified as amended at 47 U.S.C. § 1601-1609) (Secure and Trusted Communications Networks Act); Consolidated Appropriations Act, 2021, Pub. L. No. 116-260, § 901, 134 Stat. 1182 (2020) (CAA).

[2] *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs*, WC Docket No. 18-89, Third Report and Order, 36 FCC Rcd 11958, 11965-78, 11992-96, paras. 18-46, 85-94 (2021) (*2021 Supply Chain Order*); *see also Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs*, WC Docket No. 18-89, Second Report and Order, 35 FCC Rcd 14284, 14309-10, paras. 51-54 (2020) (*2020 Supply Chain Order*) (interpreting "communications equipment or service").

[3] 47 CFR § 1.50004; *2020 Supply Chain Order*, 35 FCC Rcd at 14374-83, Appx. A.

[4] *2021 Supply Chain Order*, at Appx. A; *Wireline Competition Bureau Finalizes Application Filings, Procedures, Cost Catalog, and Replacement List for the Secure and Trusted Communications Networks Reimbursement Program*, WC Docket No. 18-89, Public Notice, 36 FCC Rcd 12190 (WCB Aug. 3, 2021) (*Finalized Reimbursement Process Public Notice*); *Wireline Competition Bureau Announces Best Practices for Equipment Disposal and Revises FCC Form 5640 Certifications for the Secure and Trusted Communications Networks Reimbursement Program*, WC Docket No. 18-89, Public Notice, 36 FCC Rcd 14061 (WCB Sept. 30, 2021).

approved to receive an allocation (Recipients)[5] received an approval email from the Bureau and the Bureau announced these allocations in a July 18, 2022 Public Notice.[6]

Purpose and Scope of this User Guide

This document is a guide for Recipients to consult when submitting an FCC Form 5640 Part L: Spending Report (FCC Form 5640 Part L or Spending Report). Recipients are required to file biannual spending reports within 10 calendar days after the end of January and July, starting with the Recipient's initial draw down of disbursement funds and terminating once the Recipient has filed a final spending report showing the expenditure of all funds received as compared to the estimated costs submitted.[7] The Recipient must submit the final spending report no later than 60 days following the expiration of the reimbursement claim deadline.[8] The Bureau is required to make versions of the spending reports available to the public via a portal on the Commission's website, subject to confidentiality concerns consistent with the Commission's rules.[9]

As a reminder, a Recipient must file at least one reimbursement claim within one year of the approval of its Application Request for Funding Allocation. Additionally, a Recipient has one year from its initial disbursement of a reimbursement to complete the permanent Removal, Replacement, and Disposal (RRD) of all Covered Communications Equipment or Services unless that deadline is extended by the FCC.[10] Recipients may file Reimbursement Claim Requests up

[5] The Secure Networks Act defines "recipient" as "any provider of advanced communications service the application of which for a reimbursement under the [Reimbursement] Program has been approved by the Commission, regardless of whether the provider has received reimbursement funds." 47 U.S.C. § 1608(11); *see also* 47 CFR § 1.50001 ("The term 'Reimbursement Program recipient' or 'recipient' means any eligible advanced communications service provider that has requested via application and been approved for funding in the Reimbursement Program, regardless of whether the provider has received reimbursement funds.").

[6] *Wireline Competition Bureau Announces the Grant of Applications for the Secure and Trusted Communications Networks Reimbursement Program*, WC Docket No. 18-89, Public Notice, DA 22-774 (WCB July 18, 2022).

[7] 47 CFR § 1.50004(l).

[8] 47 CFR § 1.50004(l)(2); *2021 Supply Chain Order*, 36 FCC Rcd at 12000, para. 104.

[9] 47bCFR § 1.50004(l)(3).

[10] 47 CFR § 1.50004(h); *2020 Supply Chain Order*, 35 FCC Rcd at 14291-92, para. 20. The Commission may extend the Removal, Replacement, and Disposal term for all recipients by six months if it "finds that the supply of replacement equipment or services needed by the recipients to achieve the purposes of the Program is inadequate to meet the needs of the recipients." 47 U.S.C. § 1603(d)(6)(B)(i); 47 CFR § 1.50004(h)(1). The Bureau may also grant a petition filed by a Recipient for an individual extension of up to six months "if the Bureau finds that, due to no fault of such recipient, such recipient is unable to complete the permanent removal, replacement, and disposal" of covered communications equipment and services within one year from their initial disbursement of reimbursement funds. 47 U.S.C. § 1603(d)(6)(C); 47 CFR § 1.50004(h)(2).

until 120 days following the end of their RRD term (Reimbursement Claim Request Deadline).[11] As noted above, the Recipient must submit the final spending report no later than 60 days following the expiration of the Reimbursement Claim Request Deadline.

This User Guide provides informal guidance intended to assist Recipients as they proceed with this Reimbursement Program process and does not constitute legal advice. Recipients remain solely responsible for reviewing and complying with all statutory provisions, rules, FCC precedent, and program procedures.

Instructions for Submitting FCC Form 5640 Part L: Spending Report

After their first reimbursement claim has been reimbursed, Recipients can return to the SCRP Online Portal to complete the FCC Form 5640 Part L to submit a Spending Report.

Recipients are reminded to only submit the Spending Reports after the end of each reporting period. For example, Recipients will submit by August 10th for the January-June reporting period or by February 10th for the July-December reporting period.

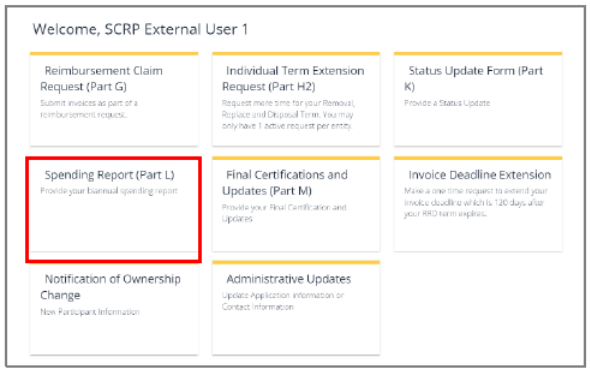

Figure 1: Part L - Spending Report

To begin the Spending Report process, the Recipient will log into the SCRP Online Portal and navigate to the *Program Participant File*. After opening this file, the Recipient will click "Create New Filing" then click **Spending Report (Part L)** (Figure 1).

Applicant Information

The Recipient will begin this section by ensuring that the "Applicant Information" (Figure 2) is accurate, including FRN, Applicant Name, Email, Phone Number, Street Name, City, State, and Zip Code. This information will be automatically populated from the FCC Form 5640 Part C filing.

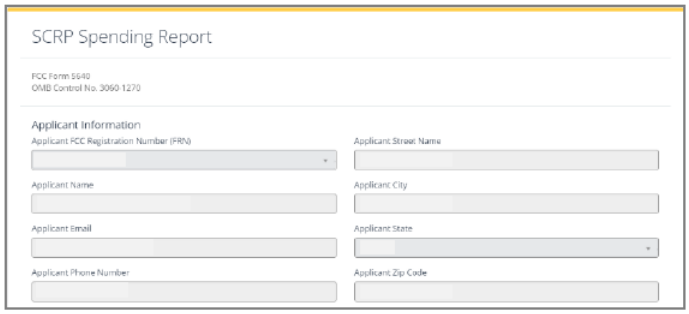

Figure 2: Part L - Applicant Information

[11] 47 CFR § 1.50004(g)(2). A Recipient may request a single extension of their Reimbursement Claim Deadline, not to exceed 120 days. *See* 47 CFR § 1.50004(g)(3). The Bureau will not consider untimely requests for an extension of the Reimbursement Claim Deadline. *Id.*

Contact Information

In this section, the Recipient will input the "Contact Information" (Figure 3). This information may be automatically populated from Part C by clicking the "Is the contact the same as the contact listed on the Application Request for Funding Allocation" checkbox, but Recipients will have the ability to edit the information, if necessary. If the Recipient needs to manually input its contact information, it will complete the following fields: Contact Name, Email, Phone Number, Street Name, City, State (utilizing the drop-down menu), and Zip Code.

Figure 3: Part L - Contact Information

If the primary contact representative for the Recipient is different from the contact listed in the Applicant Information section, the Recipient should update this section and ensure that the **point of contact listed is easily contactable** through the information provided.

Next, the Recipient will indicate the appropriate deadline for this filing by selecting the upcoming deadline date from the drop-down menu (Figure 4), then the applicable invoice information will populate below.

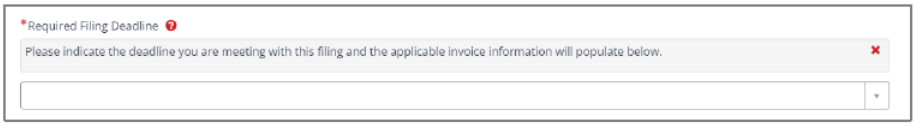

Figure 4: Part L - Required Filing Deadline

Spending Report

In this section, the Recipient will confirm that all invoices reimbursed during the applicable reporting period (January-June or July-December depending on the filing deadline) and/or any invoices indicated as not included on a previous Spending Report filing have auto-populated in the Spending Report table (Figure 5).

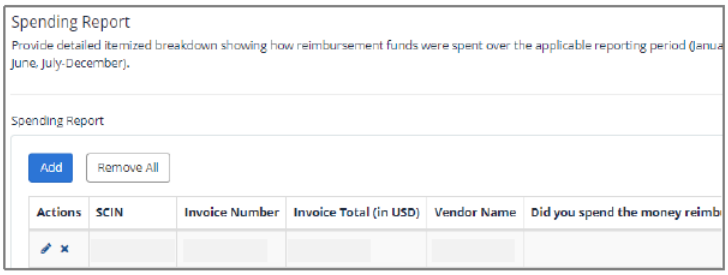

Figure 5: Part L - Spending Report

Recipients should not click "Add" or "Remove All" in this section.

Recipients will click the pencil icon and must answer the following questions for each invoice auto-populated in the Spending Report table (Figure 6):

- Did you spend the money reimbursed for this invoice as authorized by the FCC?

- If "no" is selected, then the Recipient must identify the costs that were reimbursed but not spent and provide an explanation for the discrepancy in the form entry box.

- Please indicate what existing covered communications equipment or service was removed, replaced, or disposed of using funds from the invoice and indicate the equipment or service purchased if the invoice was used to purchase replacement communications equipment or services.

Recipients will repeat this process for each row populated in the Spending Report table.

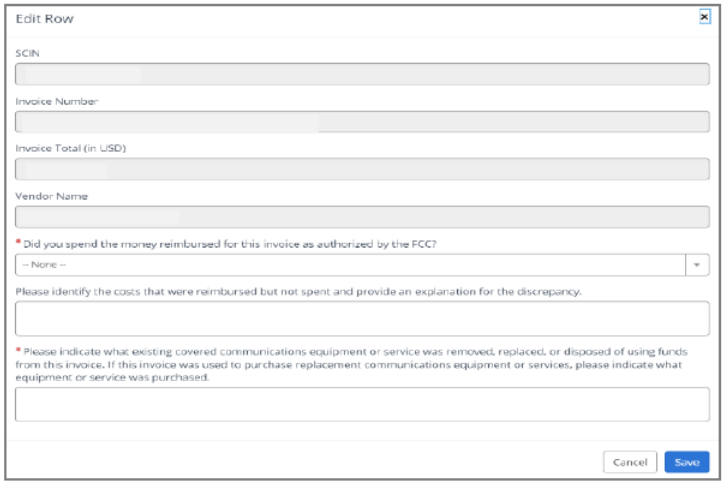

Figure 6: Part L - Spending Report Pop Out

Responses to the last question in Figure 6 are intended to support the Recipient's statutory requirement to provide a "detailed accounting" of the equipment or services permanently removed and disposed of, and the replacement equipment purchased, rented, leased, or otherwise obtained, using reimbursement funds. Responses can be brief (e.g., 1-2 sentences) but should identify by type the equipment or service removed and its corresponding replacement, including the method by which the Recipient obtained the replacement (e.g., purchase, rent, lease, or other). Responses should also explain disposal activities such as the equipment disposed of and the methods of disposal. If such disposal information is not yet available, responses should indicate the Recipient's plans for disposal and the status of their disposal effort (including whether it will have more data after completing its removal, replacement, and disposal work). For invoices that do not seek funding for equipment or services, such as invoices for project management services, responses should briefly explain the purpose of the services. Where a Recipient can verify that this required information is documented in its cost estimate and matches the data listed on its invoices,

Certifier Information

The Recipient Certifying Official must certify to the accuracy of the Recipient's Spending Report by ticking the box in the Certifications section and completing the Certifier Information section (Figure 7). The "Date Signed" field will automatically populate. This section is the equivalent of electronically signing the Spending Report. If Recipients are not ready to submit, they can save their Spending Report form as a draft by clicking on the blue "Save as Draft" button on the bottom left of the page.

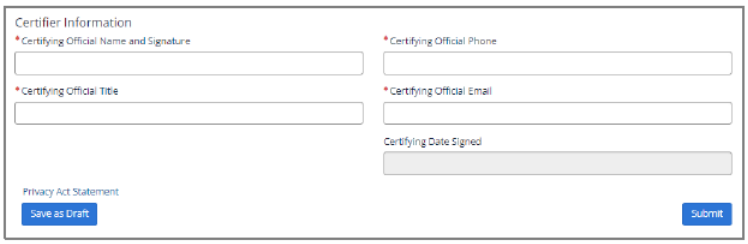

Figure 7: Part L - Certifier Information

Recipients can revise their Spending Report draft by logging into the SCRP Online Portal and navigating to the relevant "Program Participant File" and "SCRP Filing." Once they have selected the correct Spending Report, they may select the "Open Draft" button to continue working. Once revisions have been made, Recipients will have the option to save as draft or submit.

Once ready to submit, Recipients will then submit their FCC Form 5640 Part L: Spending Report by clicking on the blue "Submit" button on the bottom right of the page.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6720756
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

[1] *See* Informal Complaint No. 6720756 (filed Jan. 24, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed to Clear Rate without his authorization.[9] In the complaint, Complainant stated that a "company contacted our business representing as our current communications provider, Verizon."[10]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[11] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[12] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[13] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service

[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6720756.

[10] *Id*.

[11] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[12] *See* Clear Rate Response to Informal Complaint No. 6720756 (filed Feb. 5, 2024) (*Clear Rate Response*); *see also* 47 CFR § 64.1160.

[13] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

provider, as defined by the rules, and we discuss Clear Rate's liability below.[14]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[15] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[16] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[17]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[14] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[15] *See id.* § 64.1160(b).

[16] *See id.* § 64.1160(d).

[17] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
County of Los Angeles, California	)	File Nos. 0010821010 et al.
	)	
Request for Waiver of Section 1.946(d) of the Commission's Rules	)	
	)	

ORDER

Adopted: February 9, 2024 **Released: February 9, 2024**

By the Chief, Policy and Licensing Division, Public Safety and Homeland Security Bureau:

I. INTRODUCTION

1. The County of Los Angeles, California (County) seeks a waiver of section 1.946(d) of the Commission's rules[1] to extend the 15-day deadline to report the construction of certain facilities listed on 65 licenses in the 470-512 MHz band (T-Band) that are integrated into the Los Angeles Regional Interoperable Communications System (LA-RICS).[2] For the reasons discussed below, we grant the County's waiver request as specified herein.[3]

II. BACKGROUND

2. The Public Safety and Homeland Security Bureau (Bureau) has granted the County a series of construction completion extensions for its T-Band system, with the most recent extension setting a construction deadline of December 31, 2023.[4] The County now states that the system is constructed and operational.[5] Under section 1.946(d), the County had until January 15, 2024 to report the construction

[1] 47 CFR § 1.946(d) ("A licensee who commences service or operations within the construction period or meets its coverage or substantial services obligations within the coverage period must notify the Commission by filing FCC Form 601. The notification must be filed within 15 days of the expiration of the applicable construction or coverage period. Where the authorization is site-specific, if service or operations have begun using some, but not all, of the authorized transmitters, the notification must show to which specific transmitters it applies.").

[2] *See* File Nos. 0010821010 *et al*. (filed Dec. 18-20, 2023) and Request for Waiver of Los Angeles, California attached to the applications (Waiver Request). The County seeks a filing extension for the following Call Signs: WPLU218, WPLU220, WPLU221, WPLU224, WPLU230, WPLU231, WPLU232, WPLU234, WPMK204, WPMK277, WPMK278, WPMK279, WPMK280, WPMK281, WPMK282, WPMM805, WPMM807, WPMW796, WPNP716, WPNP718, WQJX500, WQJX503, WQJX505, WQJX506, WQJX507, WQJX509, WQJX510, WQJX512, WQJX514, WQJX517, WQJX518, WQJX519, WQJX520, WQJX522, WQJX523, WQJX524, WQJX525, WQJX529, WQJX530, WQJX531, WQJX532, WQJX533, WQJX534, WQJX535, WQJX536, WQJX537, WQJX538, WQJX539, WQJX540, WQJX541, WQJX542, WQJX543, WQJX544, WQJX545, WQJX546, WQJX547, WQJX548, WQJX550, WQJX551, WQJX552, WQJX553, WQJX554, WQJX556, WQJX557 and WQXE728. We list the call signs and file numbers in Appendix A.

[3] Waiver Request at 3.

[4] *County of Los Angeles, California*, Order, DA 23-400, 2023 WL 3476459 (May 11, 2023).

[5] Waiver Request at 2. However, the County states that it was unable to construct certain frequencies in the TV Channel 15 band at all of its licensed sites due to "severe interference" from a Channel 15 television station in Mexico. *Id*. at 2 note 4.

status of each of the system's frequencies.[6] The County contends that gathering construction information from the system integrator and reporting the construction status of over sixty call signs, each with hundreds of channel pairs in the Commission's Universal Licensing System (ULS), "will take an extraordinary amount of time."[7] The County states that while every frequency was constructed somewhere within the County, not every frequency was constructed at every licensed transmitter site.[8] The County argues that the requested extension will enable the County to accurately assemble and report construction information, with the return to the Commission of unconstructed frequencies.[9] Absent an extension, the County argues that it will unable to report the construction status of thousands of frequencies,[10] which would lead to the Bureau initiating the license termination process.[11] The County argues that it would have to submit petitions for reinstatement of the call signs, which would require additional Commission resources to consider and review.[12]

III. DISCUSSION

3. To obtain a waiver of the Commission's rules, a petitioner must demonstrate either that: (i) the underlying purpose of the rule(s) would not be served or would be frustrated by application to the present case, and that a grant of the requested waiver would be in the public interest;[13] or (ii) in view of unique or unusual factual circumstances of the instant case, application of the rule(s) would be inequitable, unduly burdensome or contrary to the public interest, or the applicant has no reasonable alternative.[14] An applicant seeking a waiver faces a high hurdle and must plead with particularity the facts and circumstances that warrant a waiver.[15]

4. In 1998, the Commission stated that "the purpose of our construction notification procedure should be to verify whether licensees have in fact met their construction and coverage obligations, not to terminate licenses for legitimately operating facilities based on a failure to notify by the licensee that could be the result of a mailing error."[16] The notification requirements "improve the accuracy and integrity of the ULS database, and thereby provide an affirmative means by which the

[6] 47 CFR 1.946(d).

[7] Waiver Request at 2.

[8] *Id*.

[9] *Id*. citing *American Mobile Telecommunications Association*, Order, 19 FCC Rcd 9666 (WTB/ PSCID;BD;MD 2004) (*AMTA Order*).

[10] Waiver Request at 3.

[11] Biennial Regulatory Review - Amendment of Parts 0, 1, 13, 22, 24, 26, 27, 80, 87, 90, 95, 97 and 101 of the Commission's Rules to Facilitate the Development and Use of the Universal Licensing System in the Wireless Telecommunications Services, Report and Order, WT Docket No. 98-20, 13 FCC Rcd 21027, 21076, para. 106 (1998) (*ULS Report and Order*). Under this process, when the Commission fails to receive timely confirmation of construction from the licensee, ULS generates a letter to the licensee and issues a public notice thirty days before the termination becomes final.

[12] Waiver Request at 3.

[13] 47 CFR § 1.925(b)(3)(i).

[14] 47 CFR § 1.925(b)(3)(ii).

[15] *WAIT Radio v. FCC*, 413 F.2d 1153, 1157 (D.C. Cir. 1969) (*WAIT Radio*), *aff'd*, 459 F.2d 1203 (1973), *cert. denied*, 409 U.S. 1027 (1972) (*citing Rio Grande Family Radio Fellowship, Inc. v. FCC*, 406 F.2d 664 (D.C. Cir.1968)); *Birach Broad. Corp*., Memorandum Opinion and Order, 18 FCC Rcd 1414, 1415 (2003).

[16] *ULS Report and Order*, 13 FCC Rcd at 21076, para. 106.

Commission can monitor and ensure compliance with construction obligations and provide other entities access to unused spectrum."[17]

5. We find that the County has demonstrated reasonable diligence in constructing its system by the deadline of December 31, 2023. The size and scope of its communications system represents an unusual factual circumstance satisfying the second prong of the Commission's waiver standard, and we agree with the County that filing construction notifications for over sixty call signs, each with hundreds of channel pairs "will take an extraordinary amount of time."[18] In light of these facts, we find that strict enforcement of the 15-day reporting requirement, that is, initiating license termination procedures absent timely filing of the notifications, would be both inequitable and contrary to the public interest in that it would result in a waste of tax and federal grant dollars, strand investment in constructed facilities, and, most importantly, deprive the citizens and first responders in the greater Los Angeles area of a critically needed, interoperable public safety communications system.[19] Accordingly, we grant the County's waiver request and extend the construction notification filing deadline to July 1, 2024, for the 65 licenses and associated applications listed in Appendix A.

IV. ORDERING CLAUSES

6. Accordingly, IT IS ORDERED pursuant to sections 4(i) and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 303(r), and sections 1.925, 1.946(e), and 90.629 of the Commission's rules, 47 CFR §§ 1.925, 1.946(e), 90.629, that the requests for waiver filed by the County of Los Angeles, California on December 18, 19, and 20, 2023 in connection with applications File Nos. 0010821010, *et al*., listed in Appendix A, ARE GRANTED, and the applications SHALL BE PROCESSED consistent with this Order and the Commission's rules.

7. IT IS FURTHER ORDERED pursuant to sections 4(i) and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 303(r), and sections 1.925 and 1.946(d) of the Commission's rules, 47 CFR §§ 1.925, 1.946(d), that the deadline to notify the Commission of compliance with the construction requirements for the facilities represented by the call signs listed in Appendix A is, hereby, extended to **July 1, 2024.**

8. This action is taken under delegated authority pursuant to sections 0.191 and 0.392 of the Commission's rules, 47 CFR §§ 0.191, 0.392.

FEDERAL COMMUNICATIONS COMMISSION

John A. Evanoff
Chief, Policy and Licensing Division
Public Safety and Homeland Security Bureau

[17] *AMTA Order*, 19 FCC Rcd at 9667, para. 2.

[18] Waiver Request at 2.

[19] *See County of Los Angeles, California*, Order, 36 FCC Rcd 12457, 12460, para. 13 (PSHSB 2021).

APPENDIX A
Waiver Request Applications

	Legal Entity Name	File Number	Call Sign	Receipt Date
1	LOS ANGELES, COUNTY OF	0010821010	WPLU218	12/18/2023
2	LOS ANGELES, COUNTY OF	0010821023	WPLU220	12/18/2023
3	LOS ANGELES, COUNTY OF	0010821055	WPLU221	12/18/2023
4	LOS ANGELES, COUNTY OF	0010821096	WPLU224	12/18/2023
5	County of Los Angeles	0010821155	WPLU230	12/18/2023
6	LOS ANGELES, COUNTY OF	0010821176	WPLU231	12/18/2023
7	LOS ANGELES, COUNTY OF	0010821186	WPLU232	12/18/2023
8	LOS ANGELES, COUNTY OF	0010821192	WPLU234	12/18/2023
9	LOS ANGELES, COUNTY OF	0010821212	WPMK204	12/18/2023
10	LOS ANGELES, COUNTY OF	0010821232	WPMK277	12/18/2023
11	LOS ANGELES, COUNTY OF	0010821244	WPMK278	12/18/2023
12	LOS ANGELES, COUNTY OF	0010821260	WPMK279	12/18/2023
13	LOS ANGELES, COUNTY OF	0010821282	WPMK280	12/18/2023
14	LOS ANGELES, COUNTY OF	0010821295	WPMK281	12/18/2023
15	LOS ANGELES, COUNTY OF	0010821301	WPMK282	12/18/2023
16	LOS ANGELES, COUNTY OF	0010821307	WPMM805	12/18/2023
17	LOS ANGELES, COUNTY OF	0010821309	WPMM807	12/18/2023
18	LOS ANGELES, COUNTY OF	0010821311	WPMW796	12/18/2023
19	LOS ANGELES, COUNTY OF	0010821313	WPNP716	12/18/2023
20	LOS ANGELES, COUNTY OF	0010821315	WPNP718	12/18/2023
21	LOS ANGELES, COUNTY OF	0010821317	WQJX500	12/18/2023
22	LOS ANGELES, COUNTY OF	0010821345	WQJX503	12/18/2023
23	LOS ANGELES, COUNTY OF	0010821347	WQJX505	12/18/2023
24	LOS ANGELES, COUNTY OF	0010821348	WQJX506	12/18/2023
25	LOS ANGELES, COUNTY OF	0010821351	WQJX507	12/18/2023
26	LOS ANGELES, COUNTY OF	0010821355	WQJX509	12/18/2023
27	LOS ANGELES, COUNTY OF	0010821357	WQJX510	12/18/2023
28	LOS ANGELES, COUNTY OF	0010821360	WQJX512	12/18/2023
29	LOS ANGELES, COUNTY OF	0010821363	WQJX514	12/18/2023
30	LOS ANGELES, COUNTY OF	0010821368	WQJX517	12/18/2023
31	LOS ANGELES, COUNTY OF	0010821371	WQJX518	12/18/2023
32	LOS ANGELES, COUNTY OF	0010821372	WQJX519	12/18/2023

33	LOS ANGELES, COUNTY OF	0010822785	WQJX520	12/19/2023
34	LOS ANGELES, COUNTY OF	0010822792	WQJX522	12/19/2023
35	LOS ANGELES, COUNTY OF	0010822809	WQJX523	12/19/2023
36	LOS ANGELES, COUNTY OF	0010822813	WQJX524	12/19/2023
37	LOS ANGELES, COUNTY OF	0010822819	WQJX525	12/19/2023
38	LOS ANGELES, COUNTY OF	0010822820	WQJX529	12/19/2023
39	LOS ANGELES, COUNTY OF	0010822822	WQJX530	12/19/2023
40	LOS ANGELES, COUNTY OF	0010822824	WQJX531	12/19/2023
41	LOS ANGELES, COUNTY OF	0010822826	WQJX532	12/19/2023
42	LOS ANGELES, COUNTY OF	0010822831	WQJX533	12/19/2023
43	LOS ANGELES, COUNTY OF	0010822832	WQJX534	12/19/2023
44	LOS ANGELES, COUNTY OF	0010822835	WQJX535	12/19/2023
45	LOS ANGELES, COUNTY OF	0010822838	WQJX536	12/19/2023
46	LOS ANGELES, COUNTY OF	0010822841	WQJX537	12/19/2023
47	LOS ANGELES, COUNTY OF	0010822843	WQJX538	12/19/2023
48	LOS ANGELES, COUNTY OF	0010822845	WQJX539	12/19/2023
49	LOS ANGELES, COUNTY OF	0010822846	WQJX540	12/19/2023
50	LOS ANGELES, COUNTY OF	0010822849	WQJX541	12/19/2023
51	LOS ANGELES, COUNTY OF	0010822853	WQJX542	12/19/2023
52	LOS ANGELES, COUNTY OF	0010822858	WQJX543	12/19/2023
53	LOS ANGELES, COUNTY OF	0010822860	WQJX544	12/19/2023
54	LOS ANGELES, COUNTY OF	0010822862	WQJX545	12/19/2023
55	LOS ANGELES, COUNTY OF	0010822865	WQJX546	12/19/2023
56	LOS ANGELES, COUNTY OF	0010822866	WQJX547	12/19/2023
57	LOS ANGELES, COUNTY OF	0010822871	WQJX548	12/19/2023
58	LOS ANGELES, COUNTY OF	0010822882	WQJX550	12/19/2023
59	LOS ANGELES, COUNTY OF	0010824688	WQJX551	12/20/2023
60	LOS ANGELES, COUNTY OF	0010824706	WQJX552	12/20/2023
61	LOS ANGELES, COUNTY OF	0010824736	WQJX553	12/20/2023
62	LOS ANGELES, COUNTY OF	0010824752	WQJX554	12/20/2023
63	LOS ANGELES, COUNTY OF	0010824767	WQJX556	12/20/2023
64	LOS ANGELES, COUNTY OF	0010824774	WQJX557	12/20/2023
65	LOS ANGELES, COUNTY OF	0010824777	WQXE728	12/20/2023

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DA 24-135
February 13, 2024

WIRELESS TELECOMMUNICATIONS BUREAU ANNOUNCES THAT APPLICATIONS FOR AUCTION 108 LICENSES ARE ACCEPTED FOR FILING

On August 29, 2022, bidding concluded in the Federal Communications Commission's (Commission's) auction of new flexible-use geographic overlay licenses in the 2.5 GHz band, and the Office of Economics and Analytics (OEA) and the Wireless Telecommunications Bureau (WTB) announced the results of that auction on September 1, 2022.[1] Long-form applications (FCC Form 601) for licenses won in Auction 108 were due on September 16, 2022. The two long-form applications listed in Attachment A have been found, upon initial review, to be acceptable for filing.[2] The Commission may return or dismiss the applications, however, if upon further examination, they are found to be defective or not in compliance with the Commission's rules.[3]

Petitions to deny the applications listed in Attachment A must be filed no later than **February 23, 2024**, ten (10) days after the date of this Public Notice.[4] Oppositions to a petition to deny must be filed no later than **March 1, 2024**, five (5) business days after the filing date for petitions to deny. Replies to oppositions must be filed no later than **March 8, 2024**, five (5) business days after the filing date for oppositions. All pleadings filed regarding any of these Auction 108 long-form applications should reference the file number of the application. Each application is a restricted proceeding under the Commission's rules.[5] A petitioner shall serve a copy of its petition to deny on the applicant and on all other interested parties pursuant to 47 CFR § 1.47. Oppositions and replies shall be served on the petitioner and all other interested parties.[6]

Pleadings must be filed electronically through the Commission's Universal Licensing System (ULS), pursuant to the following instructions.[7] Pleadings must be filed electronically using the Internet by accessing ULS: https://www.fcc.gov/wireless/systems-utilities/universal-licensing-system. Each screen indicates the information to be provided or the action(s) to be performed to complete that screen.

[1] *Auction of Flexible-Use Licenses in the 2.5 GHz Band Closes*, Public Notice, DA 22-910 (OEA & WTB Sept. 1, 2022).

[2] The Commission's authority to issue licenses pursuant to a system of competitive bidding lapsed on March 9, 2023. *See* 47 USC 309(j)(11); Consolidated Appropriations Act, 2023, Pub. L. No. 117-328, 136 Stat. 4459 (December 29, 2022) (extending the Commission's spectrum auction authority through March 9, 2023). Congress subsequently passed legislation authorizing the Commission to process any remaining licenses won in Auction 108 within 90 days of enactment, which occurred on December 19, 2023. *See* 5G Spectrum Authority Licensing Enforcement Act (5G SALE Act), Pub. L. No. 118-27 (2023).

[3] *See* 47 CFR § 1.934(a), (d).

[4] *See* 47 CFR § 1.2108 (Procedures for filing petitions to deny against long-form applications).

[5] *See* 47 CFR § 1.1208 (Restricted proceedings).

[6] *See* 47 CFR § 1.939(c).

[7] *See* 47 CFR § 1.939(b); *Completing the Transition to Electronic Filing, Licenses and Authorizations, and Correspondence in the Wireless Radio Services*, WT Docket No. 19-212, Report and Order, 35 FCC Rcd 10781, 10788-89, paras. 22-26 (2020).

From the ULS website, click on "SUBMIT A PLEADING" to begin the process of filing a pleading. The link takes the user to the *Pleadings Information* screen. Upon completing the *Pleadings Information* screen, click "CONTINUE" to go to the *File Numbers/Call Signs* screen. Upon providing the information required on that screen, complete steps three and four at the *Attach File* and *Confirmation* screens, respectively. For more information, detailed instructions can be found in the *Public Notice* announcing the implementation of electronic filing for pleadings.[8]

We request that one copy of each pleading be delivered electronically, by email to: Madelaine Maior and Nadja Sodos-Wallace at Madelaine.Maior@fcc.gov and Nadja.SodosWallace@fcc.gov.

The applications listed in Attachment A are available to the public for electronic viewing through ULS. Any amendments to an FCC Form 601 application also must be filed electronically through ULS. For technical assistance in using ULS for viewing an application or filing an amendment to an application, contact the ULS Licensing Support Hotline at (877) 480-3201. The ULS Licensing Support Hotline is available Monday through Friday, from 8:00 A.M. to 6:00 P.M. Eastern Time. All calls to the ULS Licensing Support Hotline are recorded. Questions regarding procedural issues should be directed to Madelaine Maior, (202) 418-1466 or Madelaine.Maior@fcc.gov. Copies of materials can be obtained from the FCC's Reference Information Center at (202) 418-0270. Press contact: Will Wiquist at (202) 418-0509 or Will.Wiquist@fcc.gov.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty).

[8] *Wireless Telecommunications Bureau Enhances the Commission's Universal Licensing System To Implement Electronic Filing for Pleadings*, Public Notice, 21 FCC Rcd 424 (WTB 2006).

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS ACCEPTED FOR FILING
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 13, 2024

Legal Entity Name	File Number	Market Number	Channel Block	Market Description	Seeking Tribal Lands Bidding Credit
Quick Current-Iowa LLC	0010206640	D19133	1	Monona	Y
Quick Current-Iowa LLC	0010206640	D19155	1	Pottawattamie	N
Quick Current-Nebraska LLC	0010206561	D31021	1	Burt	Y
Quick Current-Nebraska LLC	0010206561	D31039	1	Cuming	N
Quick Current-Nebraska LLC	0010206561	D31043	1	Dakota	N
Quick Current-Nebraska LLC	0010206561	D31147	1	Richardson	N
Quick Current-Nebraska LLC	0010206561	D31173	1	Thurston	Y
Quick Current-Nebraska LLC	0010206561	D31173	2	Thurston	Y
Quick Current-Nebraska LLC	0010206561	D31179	1	Wayne	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS ACCEPTED FOR FILING
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 13, 2024

Legal Entity Name	File Number	Market Number	Channel Block	Market Description	Seeking Tribal Lands Bidding Credit
Quick Current-Iowa LLC	0010206640	D19133	1	Monona	Y
Quick Current-Iowa LLC	0010206640	D19155	1	Pottawattamie	N
Quick Current-Nebraska LLC	0010206561	D31021	1	Burt	Y
Quick Current-Nebraska LLC	0010206561	D31039	1	Cuming	N
Quick Current-Nebraska LLC	0010206561	D31043	1	Dakota	N
Quick Current-Nebraska LLC	0010206561	D31147	1	Richardson	N
Quick Current-Nebraska LLC	0010206561	D31173	1	Thurston	Y
Quick Current-Nebraska LLC	0010206561	D31173	2	Thurston	Y
Quick Current-Nebraska LLC	0010206561	D31179	1	Wayne	N

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DA 24-136
Released: February 14, 2024

FCC ANNOUNCES A TRIBAL WORKSHOP HOSTED BY THE TUNICA-BILOXI TRIBE OF LOUISIANA, WEDNESDAY, MARCH 6, 2024

By this Public Notice, the Federal Communications Commission (FCC) announces an upcoming in-person workshop for Tribal Nations. This event is designed to provide information that will help Tribal Nations identify and evaluate opportunities to develop more robust broadband infrastructure and services in Tribal communities. It is also designed to provide information about FCC policies and programs to address the lack of adequate communications services on Tribal lands nationwide.

FCC staff will provide presentations on a broad range of important FCC initiatives that support the deployment of communications infrastructure and services in Tribal communities (e.g., Broadband Data Collection, Universal Service Fund, Schools and Libraries Program). Such infrastructure supports Tribal economic development, Tribal schools and libraries, and low-income families, as well as public safety departments, and Tribal government administration. Participants will also receive updates on the current FCC proceedings that provide opportunities for Tribal Nations to inform the FCC to help ensure that Native views and interests are heard in the decision-making process.

Tribal government leaders, Tribal service provider and IT managers, government and community planners and managers, Tribal enterprise specialists, and representatives of Tribal social service agencies, schools, and libraries are all persons who should consider attending this event. The workshop, to be hosted by the Tunica-Biloxi Tribe of Louisiana, will be held Wednesday, March 6, 2024, at the Cultural and Educational Resources Center, Multi-Purpose Room, 150 Melacon Road, Marksville, LA 71351.

In addition to offering the March 6th workshop, FCC staff will tour the Tunica-Biloxi Cultural and Educational Resources Center (CERC) which, among other things, houses a museum, library, auditorium, classrooms, and a distance learning center. The Tunica-Biloxi Tribe of Louisiana will host the FCC's tour on Tuesday, March 5th and participants registered for the FCC's workshop are welcome to join. Further details will be made available on the FCC's Event Page for this event.

Registration is free. To register for the workshop, please send your name, title, Tribal affiliation, and contact information, with the subject line "March Workshop" to **Tribal.Events@fcc.gov.** Please indicate whether you expect to join the tour of the CERC on March 5th, the day before the workshop. Any questions about the workshop may be directed to the Office of Native Affairs and Policy: Lloyd Collier, Lloyd.Collier@fcc.gov or Renee Coles, Renee.Coles@fcc.gov. Walk-ins can also be accommodated.

Reasonable accommodations for people with disabilities are available upon request by sending an e-mail to: FCC504@fcc.gov or calling the Consumer and Governmental Affairs Bureau at 202-418-0530 (voice). Include a description of the accommodation you will need and tell us how to contact you if we need more information. Please make your request as early as possible as we may be unable to fulfill last minute requests.

-FCC-

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DA 24-137
Released: February 15, 2024

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU SEEKS COMMENT ON IMPLEMENTATION OF MULTILINGUAL WIRELESS EMERGENCY ALERTS

PS Docket Nos. 15-91 and 15-94

Comment Date: (30 days after publication in the Federal Register)
Reply Comment Date: (60 days after publication in the Federal Register)

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I. INTRODUCTION

1. In this Public Notice, the Public Safety and Homeland Security Bureau (Bureau) seeks comment on specific mechanisms to implement multilingual Wireless Emergency Alerts (WEA), as

directed by the Federal Communications Commission (Commission).[1] Through these measures, the Bureau advances the Commission's priority that WEA serve as an effective and accessible life-saving tool for many, including the millions of people living in the United States who do not primarily speak English or Spanish and the estimated one-in-four adults in the United States that have some form of disability who remain at risk for not being able to receive and understand the potentially life-saving information conveyed by WEA messages in an accessible language and format.[2] As discussed below, and as directed by the Commission, we propose a set of pre-translated WEA messages in English, the 13 most commonly spoken languages in the United States, and American Sign Language (ASL), that would be pre-installed and stored on mobile devices offered by Participating Commercial Mobile Service (CMS) Providers. These messages – called templates – would be displayed at the option of the alert originator. We also seek comment on support for form-fillable templates that would include information specific to the particular emergency. Finally, we seek comment on whether Participating CMS Providers' device offerings should support templates in additional languages.

II. BACKGROUND

2. WEA is a tool for authorized federal, state, local, and Tribal government entities to geographically target alerts and warnings to the WEA-capable mobile devices of Participating CMS Providers' subscribers. The Warning Alert and Response Network (WARN) Act establishes WEA as a voluntary system in which CMS Providers may elect to participate. The WARN Act grants the Commission authority to adopt "relevant technical standards, protocols, procedures and other technical requirements . . . necessary to enable commercial mobile service alerting capability for commercial mobile service providers that voluntarily elect to transmit emergency alerts."[3] Pursuant to this authority, the Commission has adopted requirements to prescribe WEA capabilities, WEA testing, and WEA election procedures.[4] While participation by wireless providers is voluntary, those providers that choose to participate must adhere to the technical and operational requirements established by the Commission.[5]

3. In the *2023 WEA Report and Order*, the Commission adopted rules requiring Participating CMS Providers to support multilingual WEA through the use of templates.[6] When an alerting authority sends a template-based multilingual alert message, the WEA-capable mobile device must be able to extract and display the relevant template in the subscriber's default language, if available. If the default language for a WEA-capable mobile device is set to a language not among those supported by templates, the WEA-capable device must present the English-language version of the alert message.[7] As a baseline, the Commission required support for templates in the 13 most commonly spoken languages

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[1] *Wireless Emergency Alerts, Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System*, PS Docket Nos. 15-91 and 15-94, Third Report and Order, FCC 23-88 (Oct. 20, 2023) (*2023 WEA Report and Order*).

[2] *Id.* at 2-3, para. 2, n.4.

[3] 47 U.S.C. § 1201(a); 47 CFR § 10.10(d) (defining a CMS Provider as an "FCC licensee providing commercial mobile service as defined in section 332(d)(1) of the Communications Act of 1934."). Section 332(d)(1) defines the term commercial mobile service as any mobile service (as defined in 47 U.S.C. 153) that is provided for profit and makes interconnected service available to the public or to such classes of eligible users as to be effectively available to a substantial portion of the public, as specified by regulation by the Commission. *See* 47 U.S.C. § 332(d)(1).

[4] *See generally 2023 WEA Report and Order*.

[5] *See, e.g.*, 47 CFR §§ 10.2, 10.320-350, 10.500-5.30.

[6] *2023 WEA Report and Order* at 9, para. 14.

[7] *Id.*

in the United States, based on U.S. Census data, and ASL, in addition to English.[8] These languages are: American Sign Language, Arabic, Chinese, French, German, Haitian Creole, Hindi, Italian, Korean, Portuguese, Russian, Spanish, Tagalog, and Vietnamese.

4. The Commission delegated authority to the Bureau to develop specific implementation parameters for template-based multilingual alerting.[9] Specifically, the Commission directed the Bureau to seek comment on which alerts are most commonly used by alerting authorities, which alerts are the most time sensitive and critical for immediate comprehension, the costs of supporting additional languages, whether the English version of the alert should be displayed in addition to the multilingual version, and whether templates could incorporate event-specific information.[10] To the extent it is minimally burdensome to implement, the Commission directed the Bureau to designate additional languages that should be supported.[11] The Bureau was directed to provide an opportunity for comment and subsequently publish an Order establishing the implementation parameters for template-based alerts, including the emergency messages and accompanying templates. The Bureau was also directed to educate mobile device users about how to set the preferred language on devices.[12]

III. DISCUSSION

A. Identifying Alert Types for Templates

5. We propose that Participating CMS Providers must support the use of the Alert Messages templates listed in Appendix C. As discussed in the *2023 WEA Report and Order*, these templates would be pre-installed and stored on mobile devices.[13] When an alerting authority chooses to send a template-based multilingual alert message, the WEA-capable mobile device must be able to extract and display the relevant template in the subscriber's default language, if the default language the subscriber selected is one of the thirteen most commonly spoken languages or ASL.[14]

6. These templates represent, in the Bureau's analysis, the most commonly issued alerts. In developing the list of templates set forth in Appendix C, the Bureau analyzed publicly available Integrated Public Alert and Warning System (IPAWS) data from 2022 and identified nine alert types that we determined were among the most commonly issued alert types: Tornado Warning; Flash Flood Warning; Severe Thunderstorm Warning; Snow Squall Warning; Dust Storm Warning; Hurricane Warning; Storm

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[8] U.S. Census Bureau, *DP02 | Selected Social Characteristics in the United States* (2022) https://data.census.gov/table?q=DP02 (breaking down language speakers in the United States); Sandy Dietrich and Erik Hernandez, *Language Use in the United States: 2019*, at 8, 14-15 (Aug. 2022), https://www.census.gov/content/dam/Census/library/publications/2022/acs/acs-50.pdf (*Language Use in the United States*); *see also* U.S. Census Bureau, *The 2020 Census Speaks More Languages* (Mar. 9, 2020), https://www.census.gov/newsroom/press-releases/2020/languages.html. Roughly 78% of the U.S. population primarily speaks English, 13.5% primarily speak Spanish, and 5% primarily speak one of the other twelve languages listed here. *Language Use in the United States*, at 8, 14-15. *See also 2023 WEA Report and Order* at 12-13, para. 20, n.71 (requiring support for ASL).

[9] *2023 WEA Report and Order* at 13, para. 21.

[10] *Id.*at 13-15, paras. 21-23.

[11] *Id.* at 15, para. 24.

[12] *Id.* at 15, 17, paras. 25, 29.

[13] *Id.* at 9, para. 14.

[14] *Id.*

Surge Warning; Extreme Wind Warning; and Test Alert.[15] We adapted the template language for the eight weather-related alerts from templates developed by the National Weather Service (NWS).[16] We adapted the language for the test alert from language previously used by the Federal Emergency Management Agency (FEMA).[17]

7. The templates in Appendix C also include the most time sensitive alerts sent by alert originators. We propose templates for the following nine alert types: Earthquake Warning; Tsunami Warning; Fire Warning; Hazardous Materials Warning; Avalanche Warning; Boil Water Advisory; 911 Outage Warning; Evacuation Immediate; and Shelter in Place Warning. We believe each of these emergencies poses imminent danger to the public and time is of the essence with respect to taking any protective actions. For example, in the event of an earthquake, a ten-second advance warning is crucial for the public to take protective actions that could save lives.[18] We adapted templates for Tsunami Warnings and Shelter in Place Warnings from templates and guidance developed by NWS.[19] The templates for Avalanche Warnings, Fire Warnings, Hazardous Materials Warnings, and 911 Outage Warnings are adapted from research conducted by Dr. Jeannette Sutton.[20] The template for Earthquake

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[15] FEMA, *OpenFEMA Dataset: IPAWS Archived Alerts – v1*, https://www.fema.gov/openfema-data-page/ipaws-archived-alerts-v1 (last visited Nov. 14, 2023). Of the total 8,316 WEA messages sent in 2022, the following messages were sent: 2,325 Tornado Warnings; 2,184 Flash Flood Warnings; 309 Severe Thunderstorm Warnings; 287 Snow Squall Warnings; 202 Dust Storm Warnings; 182 Hurricane Warnings; 126 Storm Surge Warnings; 5 Extreme Wind Warnings; and 467 Test Alerts (including Required Weekly Tests and Required Monthly Tests).

[16] *See* National Oceanic and Atmospheric Administration National Weather Service, *Wireless Emergency Alerts (360 Characters)*, https://www.weather.gov/wrn/wea360 (last visited Nov. 27, 2023).

[17] FEMA, *FEMA and FCC Plan Nationwide Emergency Alert Test for Oct. 4; Test Messages Will be Sent to All TVs, Radios, and Cell Phones* (Oct. 3, 2023), https://www.fema.gov/press-release/20231003/fema-and-fcc-plan-nationwide-emergency-alert-test-oct-4-test-messages-will; Ray Padilla, *What was That Sound, Alert? Emergency Alert Test Hits Every TV, Radio, and Cellphone in US*, Courier Journal (Oct. 4, 2023), https://www.courier-journal.com/story/news/2023/10/04/nationwide-emergency-alert-test-us-tvs-radios-and-cellphones-alerted/71044878007/ ("Cell phones got the warning as a tone, a vibration and as a text message that said: 'THIS IS A TEST of the National Wireless Emergency Alert System. The purpose is to maintain and improve alert and warning capabilities at the federal, state, local, tribal and territorial levels and to evaluate the nation's public alert and warning capabilities. No action is required by the public.'").

[18] Kate Pickert, *How 10 Seconds Could Save Lives During Earthquakes*, Time (Aug. 26, 2014), https://time.com/3182857/california-earthquake-napa-early-warning/ ("Doug Given, [the U.S. Geological Survey's] early-earthquake-warning coordinator, says 10 seconds . . . could be enough for people to take cover[.]"); *see also* FEMA, *Earthquake | Earthquake Early Warning System: Drop, Cover, and Hold On*, https://community.fema.gov/ProtectiveActions/s/article/Earthquake-Earthquake-Early-Warning-System-Drop-Cover-and-Hold-On (last visited Nov. 8, 2023).

[19] National Oceanic and Atmospheric Administration National Weather Service, *Wireless Emergency Alerts (360 Characters)*, https://www.weather.gov/wrn/wea360 (last visited Nov. 27, 2023); National Oceanic and Atmospheric Administration National Weather Service, *Non-Weather Related Emergency Message Description Guidelines* https://www.weather.gov/meg/nonwxrelatedemergmesg (last visited Nov. 27, 2023).

[20] *See* Jeannette Sutton, Michele K. Olson & Nicholas A. Waugh, *The Warning Lexicon: A Multiphased Study to Identify, Design, and Develop Content for Warning Messages*, 25 Natural Hazards Review 1 (Oct. 30, 2023), https://ascelibrary.org/doi/10.1061/NHREFO.NHENG-1900 (*Warning Lexicon*) referencing *Warning Lexicon* Supplemental Materials (providing specific guidance on drafting of emergency alerts). Jeannette Sutton, Ph.D., is an Associate Professor in the College of Emergency Preparedness, Homeland Security, and Cybersecurity at the University at Albany, SUNY. Dr. Sutton specializes in disaster and risk with a primary focus on online informal communication, and public alerts and warning disseminated via terse messaging channels. University at Albany

(continued….)

Warning is adapted from alerts sent by United States Geological Survey (USGS) through ShakeAlert,[21] and the template for Boil Water Advisory was adapted from guidance created by the Centers for Disease Control and Prevention (CDC).[22] Evacuation Immediate is adapted from alerts sent to the public during the Maui wildfires in August 2023.[23]

8. We seek comment on the proposed templates in Appendix C. Are the alert types we have identified the most commonly used by alerting authorities and the most time sensitive? Are there alerts that are not reflected in this list and should be added? To the extent commenters believe additional alerts should be incorporated or any of the template alerts should be removed, commenters should provide data to support their viewpoint. We recognize that there are alert types that may be commonly used or that are extremely time sensitive but that are not included in Appendix C. For example, in reviewing the IPAWS data, we note that AMBER alerts are among the most commonly issued alerts,[24] and that both AMBER alerts and active shooters alerts are time sensitive. Both of these alert types, however, typically include specific information to describe the incident. Should we require Participating CMS Providers to support static AMBER alert or active shooter alert templates? If so, what message should be associated with those templates to best ensure its effectiveness? We note that Notify NYC's approach to using template-based alerts for missing children informs the public that there is a missing child and directs the public to a website hosted by Notify NYC with a photo of the missing child along with any other pertinent details.[25] We observe that a static AMBER alert template would likely be unable to include a link to information that is incident-specific. Should we require support for an AMBER alert and active shooter alert templates only in the event that WEA can support form-fillable templates, as discussed in further detail below?[26] Similarly, IPAWS data shows that Local Area Emergencies, Law Enforcement Warnings, and Civil Emergency Messages are common, but often involve messages that are heavily tailored to the nature

State University of New York, *Jeannette Sutton*, https://www.albany.edu/cehc/faculty/jeannette-sutton (last visited Dec. 7, 2023).

[21] ShakeAlert is an earthquake early warning and earthquake detection system that sends alerts to Android devices and through mobile applications. *See* USGS, *How Do I Sign Up for the ShakeAlert Earthquake Early Warning System?*, https://www.usgs.gov/faqs/how-do-i-sign-shakealertr-earthquake-early-warning-system (last visited Dec. 15, 2023). It was created USGS in collaboration with seismologists, academia, USGS and California, Oregon, and Washington. *See* USGS, *Safeguarding the Nation* (Oct. 7, 2019), https://www.usgs.gov/news/featured-story/usgs-shakealert-earthquake-early-warning-system.

[22] CDC, *Boil Water Advisory* (Aug. 10, 2021), https://www.cdc.gov/healthywater/emergency/drinking/drinking-water-advisories/boil-water-advisory.html.

[23] Mike Baker, Sergio Olmos & Eileen Sullivan, *Maui Sent an Evacuation Alert. Why Did So Few People Get It?*, New York Times (Sept. 5, 2023), https://www.nytimes.com/2023/09/03/us/maui-wildfires-emergency-alerts.html (showing the text of the alert: "Emergency Alert[.] Evacuation Order issued on Maui Island for Kelawea Mauka Subdivision in Lahaina due to a brushfire. Evacuate your family and pets now, do not delay. A shelter is open at Lahaina Civic Center. Expect conditions that may make driving difficult and watch for public safety personnel operating in the area. Maui Emergency Management Agency[.]").

[24] FEMA, *OpenFEMA Dataset: IPAWS Archived Alerts – v1*, https://www.fema.gov/openfema-data-page/ipaws-archived-alerts-v1 (last visited Nov. 14, 2023).

[25] NYC Emergency Management, *Notify NYC: Missing Child*, https://www.nyc.gov/site/em/resources/notify_nyc/missing-child-2.page (last visited Nov. 8, 2023).

[26] *See* Section III.B, *infra*.

of the emergency.[27] Can these types of alerts be effectively supported by templates, and if so, what should those templates say?

9. We seek comment on the specific text used in the templates, as well as their translations. Are the templates in Appendix C, and their corresponding translations in Appendix E, drafted in a manner that would be clearly understood by the person receiving it and prompt immediate action? If not, what should be changed? Should any changes be made to the translated templates to improve their accuracy or effectiveness? We ask that commenters offer specific edits to the extent they believe a template message should be modified in any way. As the templates show, we do not limit the templates to 90 or 360 characters, as with alerts sent through IPAWS, because the alerts will not be distributed through IPAWS but instead be stored in the mobile devices directly. We believe allowing additional character length where necessary benefits the public and alerting authorities, as the translations can be accurate without regard to technical limitations regarding the length of the template. We seek comment on this approach. What implementation challenges related to device capabilities and performance, if any, arise from this approach?

10. We seek comment on how the translations for the 13 languages should be conducted. In the *2023 WEA Report and Order*, the Commission required that Participating CMS Providers' WEA-capable mobile devices support templates in Tagalog.[28] We propose that support for multilingual WEA templates be satisfied through translations into Filipino as provided in Appendix E[29], and we seek comment on whether WEA-capable mobile devices can enable Filipino as the device's default language. Similarly, we propose template alerts written in simplified Chinese characters and seek comment on this approach. Should we require support for templates written with traditional Chinese characters? Should we require support for both? We also propose template alerts written in the Brazilian dialect of Portuguese. Should we support the European dialect of Portuguese? Should we support both?

11. We observe that certain templates in Appendix C direct recipients to evacuate, but evacuation may not be appropriate for all incidents. Alerting authorities may want to send alerts that direct different behavior from recipients, such as sheltering in place. For example, recommended actions to take during a wildfire may vary depending on the dangers posed by the nature of the fire.[30] Should there be multiple alert templates for each type of time sensitive alert that provides differing instructions to the public? For example, should there be one template for fire warnings that directs the public to evacuate and a second template for fire warnings that directs the public to shelter in place? Is there a

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[27] FEMA, *OpenFEMA Dataset: IPAWS Archived Alerts – v1*, https://www.fema.gov/openfema-data-page/ipaws-archived-alerts-v1 (last visited Nov. 14, 2023).

[28] *2023 WEA Report and Order* at 11-12, para. 19.

[29] Our understanding is that the standardized form of Tagalog is Filipino. Valeria Malabonga, *Heritage Voices: Language – Tagalog*, Center for Applied Linguistics at 1 (Jan. 2009), https://www.cal.org/wp-content/uploads/2022/05/HeritageVoiceCollectionTagalog.pdf ("Tagalog is one of the major languages in the Philippines. The standardized form of Tagalog is called Filipino. Filipino is the national language of the Philippines").

[30] *See* FEMA, *Wildfire* https://community.fema.gov/ProtectiveActions/s/article/Wildfire (last visited Dec. 12, 2023) ("If you are under a wildfire warning, get to safety right away. Leave if told to do so."). The Forest Service and the American Red Cross both have wildfire guidance that describes what to do in the event of an evacuation during a wildfire and what to do if staying in your home is recommended. Forest Service, *Take Responsibility, Be Prepared if a Wildfire Occurs*, at 1-2 https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5315416.pdf (last visited Nov. 3, 2023); American Red Cross, *Wildfire Preparedness Checklist*, at 1-2 (Aug. 1, 2021) https://www.redcross.org/content/dam/redcross/get-help/pdfs/wildfire/EN_Wildfire-Safety-Checklist.pdf.

public safety benefit to creating multiple templates for a single alert type? Are there any disadvantages to creating multiple templates for a single alert type?

12. We seek comment on whether alerting authorities would benefit from one or more generic alerts on this list, such as "shelter in place" or "evacuate now." Would a template for generic alerts that are not tied to specific types of disasters be beneficial? How should such templates be written? Would a generic template risk causing confusion, panic, or otherwise making an emergency worse? Are recipients likely to follow the instructions provided in a generic template with no context provided as to the nature of the emergency? What impact would a generic template have on milling?[31]

13. We seek comment on whether alerting authorities would benefit from an alert "all-clear" template that would inform the public the danger has passed or the alert is no longer in effect. We recognize that alerting authorities may need to send follow-up alerts to inform the public whether an alert is cancelled, such as in the case of a false alert. It could cause confusion if an initial alert is sent in several languages but an all-clear can only be sent in English. What public safety benefits would an all-clear template confer? When could this sort of template be used? Are there any drawbacks to providing alerting authorities with an all-clear template? If so, what are they? Do all-clear templates risk public confusion if it does not specify which emergency situation has concluded? If so, how should an all-clear template be technically implemented? Should we require support for an all-clear template only in the event that WEA can support form-fillable templates, as discussed in further detail below?[32]

14. We seek comment on whether multilingual templates should be displayed on their own or accompanied by the English-language version of the alert. The Commission recognized those commenters in the record who suggest that the multilingual template-based alert be displayed together with the English-language alert that includes additional details, to promote a fuller understanding of the nature of the emergency.[33] Is it possible to display both a template-based multilingual alert together with an alert originator-issued alert that includes event-specific information? If this is not possible, is there any benefit to displaying two templates, one in English and one in the device's default language?

15. The Commission determined based on the record received in the underlying proceeding that implementing template-based WEAs in multiple languages is feasible.[34] The Commission directed the Bureau to seek comment on whether support for static, multilingual templates can be made available on all mobile devices.[35] Based on the Commission's determination, we believe it is technically feasible for mobile devices to know when to display a template and which template should be displayed. Could said update be done via an over-the-air software update? Could Participating CMS Providers create a new data element that is transmitted upon choosing the template that will ensure devices display the

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[31] Michele M. Wood et al., *Milling and Public Warnings*, 50 Environment and Behavior 4 (2017), https://www.researchgate.net/publication/317242672_Milling_and_Public_Warnings. (explaining milling as "(a) Collective behavior may occur when individuals are confused and do not know what to do; (b) when individuals do not know what to do, they look to see what others are doing; (c) when an individual engages in a behavior, others wait to observe the outcome; if no negative consequences occur, observers determine the action is acceptable, increasing the likelihood of others following suit; and (d) given that most people conform to social norms relevant to their surroundings, people tend to adhere to new emergent group norms").

[32] *See* Section III.B, *infra*.

[33] *2023 WEA Report and Order* at 14, para. 22.

[34] *Id.* at 10, para. 16 ("Letters from some of the largest Participating CMA Providers indicate that implementing template-based WEAs in multiple languages is feasible.").

[35] *Id.* at 13, para. 21.

correct templates? Are there any other ways alerting authorities can cause mobile devices to display the correct template? Would any of these ways require updates to the Commission's rules, such as the creation of new multilingual-specific event codes?

B. Incorporating Event-Specific Information into Fillable Alert Templates

16. In the *2023 WEA Report and Order,* the Commission directed the Bureau to seek comment on whether templates can be customizable to include event-specific information.[36] We seek comment on whether this is feasible. In doing so, we recognize and seek to address concerns about static templates that were raised in the record of the underlying proceeding. For example, AT&T stated that static templates limit the ability "to tailor the alert messages to unique emergency events or particular wireless users."[37] Michigan State Police Operations Management Section (OMS) stated that static templates would reduce flexibility in "crafting regional and culturally relevant messages."[38] What are the benefits of including event-specific information in templates? Are there situations where a static template is more beneficial to alerting authorities? Will it take longer to send or display alerts containing event-specific information compared to static templates? If so, does the benefit of event-specific information outweigh any potential delay?

17. We seek comment on the incorporation of four fillable elements: Sending Agency, Area Affected, Expiration Time, and (if desired) a URL. The first three elements are drawn from the five mandatory Common Alerting Protocol (CAP) elements required in each WEA message: Event Type, Area Affected, Recommended Action, Expiration Time (with time zone), and Sending Agency.[39] We observe the remaining two required CAP elements, Event Type and Recommended Action, are already included in the static alert templates we propose in Appendix C. We believe these elements will inform recipients that an alert is authoritative, and whether an alert is relevant to the recipient and for how long. Research indicates that when the public receives this information, they are much more likely to take the protective actions described in the alert.[40] In addition, the ability to include a tappable URL will afford alerting authorities greater flexibility to include additional information directing the user to a webpage of their choosing, should the alerting authority wish to include it. We seek comment on this approach, as well as

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[36] *Id.* at 14, para. 22.

[37] AT&T Comments, PS Docket Nos. 15-91 and 15-94 at 19 (July 21, 2023) (AT&T Comments) ("[P]re-scripted alerts could not include information often provided by local Alert Originators, such as street names and landmarks familiar to people in the covered area[.]"); *see* Alliance for Telecommunications Industry Solutions Comments, PS Docket Nos. 15-91 and 15-94 at 8 (July 21, 2023) (ATIS Comments) ("Pre-scripted templates appear more limiting than a direct translation by the device based on the user's preferred language settings[.]"); *see also* CTIA – The Wireless Association Comments, PS Docket Nos. 15-91 and 15-94 at 18 (July 21, 2023) (CTIA Comments) ("[T]emplate-based alerts may be less useful to end users given that they would lack the event-specific information that makes the WEA system such a valuable tool during emergency situations").

[38] Michigan State Police OMS Comments, PS Docket No. 15-94 at 2 (July 21, 2023) ("[P]re-loading scripted messages onto phones . . . reduces flexibility in crafting regional and culturally relevant messages[.]").

[39] 47 CFR § 10.420 ("A WEA Alert Message processed by a Participating CMS Provider shall include five mandatory CAP elements—Event Type; Area Affected; Recommended Action; Expiration Time (with time zone); and Sending Agency.").

[40] *See Warning Lexicon* at 2 ("[F]ive key types of warning message content . . . motivate people to take timely and appropriate protective action in response to a warning message[.] These contents include the following: a description of the threat/event (i.e., hazard) and its consequences (i.e., what is happening and how it will affect people); protective action guidance . . . the location and population at risk . . . the time by which the public should begin taking the protective action . . . and the name of the message sender[.]").

the proposed fillable templates provided in Appendix D. Are these the right elements to include in alert templates to improve their flexibility and effectiveness?

18. We seek comment on the technical feasibility of this approach. How could Participating CMS Providers enable alerting authorities to include event-specific information in templates? We anticipate that, with certain changes to standards discussed below,[41] Participating CMS Providers should be able to support the identification and transmittal of these four customizable elements, either as discrete data parameters sent to the phone or as specific locations within the text of the alert, which would be input into the templates residing on the devices. The fillable elements could then be input into the translated alert templates. We seek comment on this approach and any changes or additions to standards needed for its implementation. Are there any additional solutions that would support the delivery of fillable alerts to WEA-capable mobile devices? Is it technically possible to update all WEA-capable devices currently in use by subscribers to support fillable templates? If not, commenters should provide specific technical reasons why particular models of devices cannot be updated to support this functionality. How would fillable templates need to be implemented to avoid having negative effects on the delivery of alerts to WEA-capable devices that cannot support that capability?

19. We anticipate that fillable elements would not be translated into the displayed template language. For example, if the alert originator fills in the blanks of the template in English, a WEA-capable device would receive the alert in their chosen language with the exception of those particular fields, which would appear in the language the alert originator used—likely English. We believe that this approach would greatly reduce the burdens associated with implementing fillable alert templates and will minimize confusion caused by improper translations. For example, we believe it would be confusing if the formal names of alert originators were to be translated into other languages. Similarly we believe it may cause confusion if the names of roads, cities, counties, states, or other names indicating a specific location were to be translated into other languages.[42] We also note that such an approach would likely require the use of machine translation, which the Commission declined to adopt based on the record in the underlying proceeding demonstrating that machine translation "is not yet ripe for use today in WEA."[43] We also believe that expiration times and URL addresses must not be translated. We seek comment on this approach. Do any technical difficulties arise in displaying a single alert that uses multiple character sets? Would these alerts be understandable in languages read from right to left instead of left to right, such as Arabic, or languages with different grammatical structures? Should we consider translating these elements and, if so, is there a way to reliably translate them into the languages of the templates into which they will be inserted? What would be the additional burden of translating fillable templates?

C. Considerations for American Sign Language

20. We seek comment on the implementation of ASL templates. The Commission requires Participating CMS Providers' WEA-capable mobile devices to provide subscribers with the ability to opt-

[41] *See* Section III.F, *infra*.

[42] Sam Burgum, *Colorado Researchers Recommend Statewide Emergency Alert Strategy*, 9News (Dec. 14, 2023), https://www.9news.com/article/news/local/research-statewide-emergency-alert-strategy-colorado/73-60ed289a-8f60-4a19-9501-9e7a477c67c6 (describing potential errors associated with translating the name of a geographic location into another language: "Ward is an actual place but [artificial intelligence software] translated 'Ward' as 'district,' so people could be like 'Oh, I don't know which district they're talking about. I'm not going to do anything.").

[43] *2023 WEA Report and Order* at 68, para 65; *see id.*

in to receive ASL alerts.[44] The Commission stated that "the user's voluntary selection of the option to receive WEAs in ASL [could] trigger the mobile device to download ASL templates to the device."[45] A consumer who opts in to receiving emergency messages in ASL will override the preferred language setting on a user's phone.[46] Should we require Participating CMS Providers to support a minimum resolution or video quality for the ASL video templates to ensure they are easily understandable to the recipient? Because of varying WEA-capable device sizes, is there a single standard that could be adopted across different devices? Are there any other implementation factors the Bureau should consider to promote the effectiveness of ASL templates?

21. We seek comment on the illustrative videos of ASL translations, which are hyperlinked in Appendix E. We note that these videos are illustrative examples of how the alert messages may be translated into ASL. Like the other translations in Appendix E, these videos are not the final versions of ASL translations that Participating CMS Providers would be required to support. Such videos will be produced based on the feedback received in the comments to this proceeding. Are the ASL translations effective at conveying the template alert message? Are any of the alerts too long when conveyed in ASL, especially when an emergency is particularly time-sensitive? If so, how can the information be effectively conveyed to an ASL speaker in a shorter amount of time? Do the demo-only ASL videos convey the same information as the written English text? If not, what elements of the ASL videos need to be modified?

22. We seek comment on whether there are specific qualifications the video signer should have to ensure the translations are effective. Telecommunications for the Deaf and Hard of Hearing, Inc. et al. urge the Commission to produce "videos of ASL interpreters . . . using deaf talent and/or deaf interpreters that are native users of ASL to ensure that information is fluently communicated" and "achieve the widest range of comprehension for ASL users in a WEA's targeted area."[47] Aside from the recommendation to use deaf talent and deaf signer(s) who are native users of ASL, what other qualifications should the Commission consider in selecting a signer to present the ASL templates? For example, should we consider deaf talent who have previous experience in signing emergency alert messages?[48] Should the video signer be a "certified deaf interpreter"?[49] Are there any best practices or guidelines that should be used in selecting the signer for ASL video templates? Are there specific settings that should be used for filming the videos, for example, the color of the background? Are there examples of similar ASL videos that we should review for guidance?[50] Should the same signer be used for every ASL template? Should there instead be more than one signer, and if so, why? Are there regional

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[44] *Id.* at 12-13, para. 20.

[45] *Id.* at 13, para. 20, n. 71.

[46] *Id.* at 13, para. 20.

[47] *See* Telecommunications for the Deaf and Hard of Hearing, Inc. et al. Reply, PS Docket Nos. 15-91 and 15-94 at 3 (filed Aug. 21, 2023) (TDI Reply).

[48] *Cf.* NYC Emergency Management, Comments, PS Docket Nos. 15-91 and 15-94 at 3-4 (July 20, 2023) (NYCEM Comments) ("NYCEM embeds pre-recorded ASL videos via hyperlink to a majority of Notify NYC messages.")

[49] *See, e.g.*, Registry of Interpreters of the Deaf, Inc., *Certified Deaf Interpreter Certification* (last visited Feb. 2, 2024), https://rid.org/certification/available-certifications/.

[50] *See e.g.*, TDI Reply at 4-6 (describing pilot program for inserting ASL videos into WEAs by the State of Washington Office of Deaf and Hard of Hearing); NYCEM Comments at 3-4 (describing use of hyperlinks to ASL videos in Notify NYC messages and proposing "creation of a website with pre-recorded ASL alerts that can be utilized by all alert originators.").

variations in ASL that we should take into account in preparing the final ASL videos, and, if so, how can we create the most universally accessible video for an alert to reach the widest range of ASL speakers? Are there other factors we should consider to make the ASL templates accessible to the widest possible audience?

23. We seek comment on whether videos for ASL alerts should be accompanied by the English text of the alert as indicated by the demo-only ASL videos linked in Appendix E. The demo-only videos include English captions at the bottom of the video screen. Should this formatting be retained in the final translations? Would inclusion of the English text improve the ability of the recipient to understand the alert? If so, how should the accompanying English alert be presented? Instead of the English text being captioned in the video itself, should there be an independent video crawl or block text, similar to how it is displayed for the Emergency Alert System?[51] Would a separate captioning stream provide additional benefits to people with disabilities, such as those who use refreshable braille displays?[52] Because the Commission required that opting to receive alerts in ASL overrides the other language defaults on a mobile device,[53] are there issues with having the text crawl appear only in English? Should WEA-capable devices support the overlaying of additional languages onto the video of ASL alerts? If so, how should the language of the overlayed text be determined (e.g., by the device's default language) and how could it be technically implemented?

24. We seek comment on whether and how fillable templates could support ASL alerts. We note that, due to the nature of ASL video templates, it may not be possible for fillable elements to be directly inserted into ASL templates like they can for text-based alerts. Would it be technically feasible to overlay event-specific information in the device's default language over an ASL video alert message? Would an English text crawl, including the Sending Agency, Area Affected, Expiration Time, and URL, be confusing if it does not match exactly with what is being conveyed in ASL (e.g., if it is not feasible to adopt a form-fillable approach to ASL and a more fulsome alert-originator issued text crawl in English accompanies the static ASL video)? Are there any other ways event-specific information could be inserted in ASL templates without overwhelming the user with excessive or duplicate text?

D. Supporting Additional Languages

25. The Commission directed the Bureau to seek comment on whether to require Participating CMS Providers to support templates in additional languages, and if so, what those languages should be.[54] The 13 languages the Commission selected were the most commonly spoken in the United

[51] *See* 47 CFR § 11.51(d)(1)(i-iv) ("The visual message portion of an EAS alert, whether video crawl or block text, must be displayed [a]t the top of the television screen or where it will not interfere with other visual messages [i]n a manner (*i.e.,* font size, color, contrast, location, and speed) that is readily readable and understandable, [i]n a manner that does not contain overlapping lines of EAS text or extend beyond the viewable display (except for video crawls that intentionally scroll on and off of the screen), and [i]n full at least once during any EAS message.").

[52] *See, e.g.*, Accessibility Advocacy and Research Organizations Comments, GN Docket No. 21-140 at 52 (June 7, 2021) ("The compatibility of closed captioning with refreshable Braille displays and other equipment routinely used by DeafBlind people remains a perennial issue[.]").

[53] *Id.* at 13, para. 20.

[54] *2023 WEA Report and Order* at 14-15, para 23-24. The *2023 WEA Report and Order* requires support for American Sign Language, Arabic, Chinese, French, German, Haitian Creole, Hindi, Italian, Korean, Portuguese, Russian, Spanish, Tagalog, and Vietnamese. *Id.* at 11-12, para. 19.

States, based on Census data,[55] and ASL was selected based on a robust record of support in the *2023 WEA FNPRM*.[56] However, the record also reflected concern that these languages would be insufficient to address alerting authorities' needs.[57] The Attorneys General commented that WEAs should "be transmitted in all languages estimated to be spoken by at least 300,000 people in the U.S. over five years old[.]"[58] Alternately, the Attorneys General suggest WEA messages should be translated "in any additional languages for which there are at least an estimated 25,000 individuals over the age of five years old nationwide (based on the most recent American Community Survey data) who have especially high rates of [limited English proficiency], *i.e.*, those who report speaking English either 'not at all' or 'not well.'"[59] Other commenters suggest that a nationwide approach to selecting additional languages may not meet the needs of the local jurisdiction.[60] Looking to another context, we observe that the United States

[55] U.S. Census Bureau, *DP02 | Selected Social Characteristics in the United States* (2021), https://data.census.gov/cedsci/table?q=DP02# (breaking down language speakers in the United States); *Language Use in the United States* at 8, 14-15; *see also* US Census Bureau, *The 2020 Census Speaks More Languages* (Mar. 9, 2020), https://www.census.gov/newsroom/pressreleases/2020/languages.html.

[56] *Wireless Emergency Alerts, Amendments to Part 11 of the Commissions' Rules Regarding the Emergency Alert System*, PS Docket Nos. 15-91 and 15-94, Further Notice of Proposed Rulemaking, FCC 23-30 (Apr. 20, 2023) (*2023 WEA FNPRM*); Telecommunications for the Deaf and Hard of Hearing, Inc. et al. Comments., PS Docket Nos. 15-91 and 15-94 at 3-5 (July 21, 2023) ("[T]he Commission should require WEAs to be delivered in American Sign Language—the primary language of the deaf population . . . . Although certain emergency situations may require unique or specific information delivered through an WEA, the use of template-based alerts that are translated into ASL may provide a next best option to ensuring that the WEAs are accessible to persons for whom ASL is their primary language."); Disability and Communication Access Board Comments, PS. Docket Nos. 15-91 and 15-94 (July 6, 2023) ("Transmitting American Sign Language (ASL) videos . . . would increase the accessibility and effectiveness of emergency alerts."); The National Weather Service Comments, PS Docket Nos. 15-91 and 15-94 at 3 (July 21, 2023) (NOAA/NWS Comments) ("The NWS strongly supports the pursuit of American Sign Language (ASL) solutions and capabilities within WEA."); NYCEM Comments at 3-4 ("The same method could be valid for ASL videos to that of pre-loading templatized WEAs on to supported devices . . . . Even for individuals who primarily use ASL, but may be proficient in another language, it is just as important as any other language that the emergency information be distributed to as many people as possible in their primary language to promote equity and inclusion and ensure equal access to emergency information and an opportunity to take any needed steps to mitigate the emergency").

[57] *See*, *e.g.*, Letitia James, New York State Attorney General, Philip J. Weiser, Colorado Attorney General, William Tong, Connecticut Attorney General, Brian L. Schwalb, District of Columbia Attorney General, Kwame Raoul, Illinois Attorney General, Anthony G. Brown, Maryland Attorney General, Andrea Joy Campbell, Massachusetts Attorney General, Keith Ellison, Minnesota Attorney General, Aaron D. Ford, Nevada Attorney General, Matthew J. Platkin, New Jersey Attorney General, Raúl Torrez, New Mexico Attorney General, Ellen F. Rosenblum, Oregon Attorney General, Peter Neronha, Rhode Island Attorney General, Charity R. Clark, Vermont Attorney General, Bob Ferguson, Washington Attorney General, Joshua L. Kaul, Wisconsin Attorney General, Hon. Sylvia O. Hinds-Radix, New York City Corporation Counsel Comments, PS Docket Nos. 15-91 and 15-94 at 2 (July 21, 2023) (Attorneys General Comments) ("We are also concerned that the 13 languages identified by the Commission do not take into account the limited English proficiency of millions of people. As a result, we urge the Commission to require wireless companies to issue WEAs in more languages.").

[58] *Id.* at 8.

[59] *Id.*

[60] *See* NYCEM Comments at 3 ("NYCEM understands the recommendation that WEA capable devices support delivery in the most spoken languages in the United States. However, "most common" is relative to each individual jurisdiction and the most common nationally may not meet the needs of the local population. For example, the list provided does not include several of NYC's most-common languages, including Bengali, Polish, Urdu, and Yiddish. It would be inequitable to offer these languages alerts via mass notification, but not when an incident escalates to the level of WEA").

Census Bureau uses yet another approach for determining in which languages to make its census materials available.[61]

26. We seek comment on whether template-based alerts should be translated into additional languages and, if so, which ones? Is there a particular approach that would be best utilized to identify any additional languages? Should multiple approaches be used? Are there other factors we should consider? How do we assess what constitutes a high rate of limited English proficiency (LEP)? We observe that there are some jurisdictions with heavy concentrations of LEP communities who speak a language that may not be included in either approach proposed by the Attorneys General.[62] To what extent should template-based alerts be considered for languages that are not currently supported by widely available mobile devices? We observe, for example, that default languages available for Android devices may differ from default languages available for iPhone devices.

27. We seek comment on whether there are any limitations on the ability for WEA-capable devices to add templates for additional languages. Can additional languages be added over the air through software and firmware patches? What devices currently on the market would be able to be updated to support additional languages?

28. We seek comment on the timeframe in which additional languages could be supported. In the *2023 WEA Report and Order*, the Commission determined that 30 months was a reasonable period to implement the templates for the 13 languages, English, and ASL.[63] We believe that the implementation of templates in additional languages will likely rely on the same standards and approach to implementation as the original 13 languages, which will minimize the amount of necessary implementation time. We also believe that over-the-air software updates can enable additional languages and corresponding templates to be added to WEA-capable mobile devices. We seek comment on these beliefs, as well as specific estimates for how much additional time would be needed to implement additional languages.

29. As explained by the Commission, in order for multilingual WEA to reach the intended recipient, users of cellular devices must first set their phones to the default language of their choice.[64] The Commission directed the Bureau to work with the Consumer and Governmental Affairs Bureau to create a consumer guide explaining how to do so, translated into the 13 languages adopted in the *2023 WEA Report and Order* and ASL. We seek comment on what approaches the Bureau should take to maximize the effect and reach of the guides. What information is essential to include in such a guide? How should the guides be shared with the public? What role can alert originators play in sharing this information within their jurisdictions? Would these guides need to be tailored to specific makes and

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[61] The Census Bureau translated its materials into languages spoken by at least 2,000 limited-English-speaking households. The Census Bureau defined limited-English-speaking household as: "no member 14 years old and over speaks only English at home or speaks a language other than English at home and speaks English 'very well.'" U.S. Census Bureau, *2020 Census Program Memorandum Series: 2018.06*, at 1 (Feb. 27, 2018), https://www2.census.gov/programs-surveys/decennial/2020/program-management/memo-series/2020-memo-2018_06.pdf.

[62] *See* NYCEM comments at 3 ("For example, the list provided does not include several of NYC's most-common languages, including Bengali, Polish, Urdu, and Yiddish.").

[63] The 30-month period would run from the date of publication in the Federal Register of the Bureau-level Order and associated rules addressing the implementation matters raised in this Public Notice. *2023 WEA Report and Order* at 15-17, paras. 25-27.

[64] *Id.* at 17, para. 29.

models of devices used by consumers? Should Participating CMS Providers also be developing guidance on multilingual WEA templates for their customers, and if so, what information should it include and how should it be shared?

E. Future Updates to Alert Types, Templates, and Languages

30. We seek comment on the process by which the Bureau might update, supplement, or otherwise require improvements for templates. Should there be a process in place for alerting authorities to request that the Bureau require new alert types or support additional languages? Should such requests be filed in the Commission's WEA docket? We anticipate that the Bureau would provide notice of such changes and an opportunity for comment prior to implementing such changes. Alternatively, should the Bureau periodically reassess the effectiveness of templates and seek comment on whether any modifications or additional languages are necessary? If so, how frequently should the Bureau make that assessment, balancing alert originator needs with the administrative burden of conducting such an analysis, as well any potential costs to Participating CMS Providers?

F. Assessing the Benefits and Costs

31. The Commission directed the Bureau to seek comment on the costs of supporting additional languages and to designate additional languages that should be supported via multilingual templates to the extent they would be minimally burdensome to implement.[65] The Commission also directed the Bureau to seek comment on the feasibility of implementing customizable, form-fillable alerts. Accordingly, we seek comment on the incremental benefits and costs of supporting customizable templates, as well as the cost of implementing additional languages.

32. *Benefits of Fillable Templates.* We seek comment on the benefits of allowing customization of multilingual alerts by leveraging form-fillable templates. Researchers have determined that there are five essential elements for complete and effective emergency alert messages: 1) identifying the threat and its consequences; 2) guidance on what to do; 3) the location; 4) the time the public has to respond; and 5) the name of the message sender.[66] Decades of research demonstrates the importance of these five elements for imminent and unfamiliar hazards.[67] We believe form-fillable templates incorporating these elements would enable alerting originators to send more detailed and personalized alert messages with key information to users who will receive the translated template alert, which will help them take more effective protective actions.[68] Therefore, we believe that considerable benefits to the safety of life and property would result from being able to take more effective protective action as a result of fillable templates. We recognize that these benefits would be particularly acute not only for speakers of the thirteen most commonly spoken languages, but also for ASL speakers, underscoring the importance of an effective way to customize alerts. We seek comment on these beliefs.

33. *Cost of Implementing Fillable Templates.* We anticipate that implementation of form-fillable templates would require similar costs to implementing static templates. In the *2023 WEA Report*

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[65] *Id.* at 14-15, paras. 23-24 ("To the extent that it would be minimally burdensome to implement, we direct the Bureau to designate additional languages . . . that should be supported through templates.")

[66] *See Warning Lexicon* at 2.

[67] *Id.* ("Decades of research investigating effective warnings has demonstrated the importance of including these contents to warn about imminent hazards, such as earthquake, tsunami, tornado, dust storm, and snow squall, especially for hazards that are unfamiliar to message receivers.") (citations omitted).

[68] *See, e.g.*, AT&T Comments at 19; ATIS Comments at 8; CTIA Comments at 18.

and Order, the Commission determined the costs for implementing static templates.[69] To implement static templates, Participating CMS Providers will need to determine what changes are required with respect to storage, standards, processes, and devices. Participating CMS Providers would need to make determinations on those same issues to implement fillable templates. The implementation of static templates would also require software development, testing, and deployment, which are the same processes that would be needed to implement fillable templates. The Commission estimated that the highest cost needed to comply with the *2023 WEA Report and Order* was $42.4 million, and we tentatively conclude that this cost ceiling is applicable to both static and fillable templates, regardless of which approach is adopted, due to similarities in the modifications and timelines necessary for implementation.[70] Given the significant public safety benefits of supporting fillable templates to create more effective alerts and that the costs of implementing fillable templates are inclusive of the costs of implementing static templates, we tentatively conclude that the benefits of fillable templates instead of static templates outweigh the marginal costs. We seek comment on this conclusion. To the extent that comments disagree with this conclusion, we ask them to include specific data and timelines distinguishing the costs of fillable templates from the Commission's cost estimate. Are there other approaches to implementing multilingual templates that we should consider that are more efficient and less burdensome, including for small entities?

34. *Costs of Supporting Additional Languages*. In the *2023 WEA Report and Order*, the Commission found that significant benefits arise from Participating CMS Providers supporting multilingual WEA.[71] The Commission directed the Bureau to seek comment on the costs of supporting multilingual WEA alerts in additional languages beyond the ones already adopted, and directed the Bureau to designate additional languages to the extent they would be minimally burdensome to implement.[72] For purposes of this analysis, we propose to define "minimally burdensome" as the necessary cost to add one new language to existing WEA standards, update software to add support for that language's templates, and conduct any necessary testing. We anticipate that the standards and software that can be developed to implement multilingual WEA will be designed to accommodate and streamline the addition of new languages as they are needed. We also believe that because Participating CMS Providers routinely release software updates to their network infrastructure, the costs of new multilingual templates to WEA-capable mobile devices could be minimized by adding them as part of a

[69] *2023 WEA Report and Order* at 35-37, paras. 64-67.

[70] *Id.* at 15-16, 35-37, paras. 26-27, 64-65 ("[O]ur one-time cost $42.4 million to update the WEA standards and software necessary to comply with the proposals in the *Further Notice* includes approximately a $845,000 to update applicable WEA standards and approximately a $41.5 million to update applicable software. We quantify the $845,000 cost of modifying standards as the annual compensation for 30 network engineers compensated at the national average wage for their field ($62.25/hour), plus a 45% mark-up for benefits ($28.01/hour) working for the amount of time that it takes to develop a standard (one hour every other week for one year, 26 hours) for 12 distinct standards. Our $41.5 million cost estimate for software updates consists of $12.2 million for software modifications and $29.3 million for software testing. The Commission quantified the cost of modifying software as the annual compensation for one software developer compensated at the national average wage for their field ($132,930/year), plus a 45% mark-up for benefits ($59,819/year), working for the amount of time that it takes to develop software (ten months) at each of the 76 CMS Providers that participate in WEA. The Commission quantified the cost of testing these modifications (including integration testing, unit testing and failure testing) to require 12 software developers compensated at the national average for their field working for two months at each of the 76 CMS Providers that participate in WEA." (citations omitted)).

[71] *Id.* at 33-34, para. 60.

[72] *Id.* at 14-15, paras. 23-24 ("To the extent that it would be minimally burdensome to implement, we direct the Bureau to designate additional languages . . . that should be supported through templates.")

regularly scheduled update. As a result, we expect that the cost of implementing a single language would either be extremely low or negligible, as identified by the Commission.[73]

35. We propose that we would find the addition of a new language to be more than minimally burdensome to the extent that its implementation would necessitate significant and atypical costs beyond those in the steps identified by the Commission and described above. We seek comment on these proposals. Do commenters anticipate, as we do, that standards and software for multilingual WEA alert templates be developed also in a way that supports and minimizes the costs of implementing additional languages? What specific changes to standards and software would be necessary to support additional languages after the languages required by the *2023 WEA Report and Order* are implemented? Would any actions beyond those described above be necessary for the successful implementation of additional templates? What should the compliance timeframe be for implementing templates for additional languages to best balance the public safety interest in rapid deployment and the minimizing burdens for providers? For any costs that commenters believe would rise above "minimally burdensome," we ask commenters to provide specific estimates along with the assumptions underlying those estimates.

G. Promoting Digital Equity and Inclusion

36. To the extent not already addressed, the Commission, as part of its continuing effort to advance digital equity for all,[74] including people of color, persons with disabilities, persons who live in rural or Tribal areas, and others who are or have been historically underserved, marginalized, or adversely affected by persistent poverty or inequality, invites comment on any equity-related considerations[75] and benefits (if any) that may be associated with the proposals and issues discussed herein. Specifically, we seek comment on how our inquiries may promote or inhibit advances in diversity, equity, inclusion, and accessibility, as well the scope of the Commission's relevant legal authority.

IV. PROCEDURAL MATTERS

A. Providing Accountability Through Transparency Act

37. *Providing Accountability Through Transparency Act*: Consistent with the Providing Accountability Through Transparency Act, Public Law 118-9, a summary of this document will be available on https://www.fcc.gov/proposed-rulemakings.

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[73] *See id.* at 14, para. 23. ("We believe that, after the relevant stakeholders standardize and develop the technology necessary to support template-based multilingual WEA messages, the costs for adding additional language support via this process would be negligible, while the countervailing public interest benefits would be significant.").

[74] Section 1 of the Communications Act of 1934 as amended provides that the FCC "regulat[es] interstate and foreign commerce in communication by wire and radio so as to make [such service] available, so far as possible, to all the people of the United States, without discrimination on the basis of race, color, religion, national origin, or sex." 47 U.S.C. § 151.

[75] The term "equity" is used here consistent with Executive Order 13985 as the consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment, such as Black, Latino, and Indigenous and Native American persons, Asian Americans and Pacific Islanders and other persons of color; members of religious minorities; lesbian, gay, bisexual, transgender, and queer (LGBTQ+) persons; persons with disabilities; persons who live in rural areas; and persons otherwise adversely affected by persistent poverty or inequality. *See* Exec. Order No. 13985, 86 Fed. Reg. 7009, Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government (January 20, 2021).

B. Regulatory Flexibility Act

38. The Regulatory Flexibility Act of 1980, as amended (RFA)[76], requires that an agency prepare a regulatory flexibility analysis for notice and comment rulemakings, unless the agency certifies that "the rule will not, if promulgated, have a significant economic impact on a substantial number of small entities."[77] Accordingly, we have prepared an Supplemental Regulatory Flexibility Analysis (Supplemental IRFA) concerning the possible impact of the rule and policy changes contained in this Public Notice. The Supplemental IRFA is set forth in Appendix B. Written public comments are requested on the Supplemental IRFA. Comments must have a separate and distinct heading designating them as responses to the Supplemental IRFA and must be filed by the deadlines for comments on the first page of this document.

C. Paperwork Reduction Act Analysis

39. This document contains proposed new or modified information collection requirements. The Commission, as part of its continuing effort to reduce paperwork burdens, invites the general public and the Office of Management and Budget (OMB) to comment on the information collection requirements contained in this document, as required by the Paperwork Reduction Act of 1995, Public Law 104-13. In addition, pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107-198, see 44 U.S.C. 3506(c)(4), we seek specific comment on how we might further reduce the information collection burden for small business concerns with fewer than 25 employees. The Bureau does not believe that the new or modified information collection requirements we adopt here will be unduly burdensome on small businesses.

D. Deadlines and Filing Procedures

40. Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS). *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

- *Electronic Filers*. Comments may be filed electronically using the Internet by accessing the ECFS: http://apps.fcc.gov/ecfs/.
- *Paper Filers*. Parties who choose to file by paper must file an original and one copy of each filing.

41. Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.

- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.U.S. Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street NE, Washington, DC 20554
- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. See FCC

[76] *See* 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601–612, was amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[77] *Id.* § 605(b).

Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy, Public Notice, DA 20-304 (March 19, 2020). https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy.

42. *People with Disabilities*. To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice).

43. *Ex Parte Rules*. The proceeding this Notice initiates shall be treated as a "permit-but-disclose" proceeding in accordance with the Commission's *ex parte* rules.[78] Persons making *ex parte* presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral *ex parte* presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the *ex parte* presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's written comments, memoranda or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during *ex parte* meetings are deemed to be written *ex parte* presentations and must be filed consistent with rule 1.1206(b). In proceedings governed by rule 1.49(f) or for which the Commission has made available a method of electronic filing, written *ex parte* presentations and memoranda summarizing oral *ex parte* presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that proceeding, and must be filed in their native format (*e.g.*, .doc, .xml, .ppt, searchable .pdf). Participants in this proceeding should familiarize themselves with the Commission's *ex parte* rules.

44. *Contact Information.* For further information, please contact Joshua Gehret, Cybersecurity and Communications Reliability Division, Public Safety and Homeland Security Bureau at (202) 418-7816 or by email at Joshua.Gehret@fcc.gov.

V. ORDERING CLAUSES

45. ACCORDINGLY IT IS ORDERED, pursuant to the authority contained in Sections 1, 2, 4(i), 4(n), 5(c), 301, 303(b), 303(e), 303(g), 303(j), 303(r), 307, 309, 316, 403, and 706 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 152, 154(i), 154(n), 155(c), 301, 303(b), 303(e), 303(g), 303(j), 303(r), 307, 309, 403, and 606, as well as by sections 602(a), (b), (c), (f), 603, 604 and 606 of the Warning Alert and Response Network (WARN) Act, 47 U.S.C. §§ 1201(a), (b), (c), (f), 1203, 1204 and 1206, the Wireless Emergency Alerts, Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System, PS Docket Nos. 15-91 and 15-94, Third Report and Order, FCC 23-88 (2023), and 47 CFR §§ 0.5(c), 0.191, 0.201, 0.204, and 0.392 that this Public Notice IS hereby ADOPTED.

[78] 47 C.F.R. §§ 1.1200 *et seq.*

46. IT IS FURTHER ORDERED that the Office of the Secretary, Reference Information Center, SHALL SEND a copy of this Public Notice, including the Supplemental Initial Regulatory Flexibility Analyses, to the Chief Counsel for Advocacy of the Small Business Administration.

FEDERAL COMMUNICATIONS COMMISSION

Debra Jordan
Chief
Public Safety and Homeland Security Bureau

APPENDIX A

Proposed Rules

For the reasons discussed in the document above, the Federal Communications Commission proposes to amend 47 CFR part 10 as follows:

PART 10 – WIRELESS EMERGENCY ALERTS

1. The authority citation for part 10 is revised to read as follows:

Authority: 47 U.S.C. 151, 152, 154(i), 154(n), 201, 301, 303(b), 303(e), 303(g), 303(j), 303(r), 307, 309, 316, 403, 544(g), 606, 1201, 1202, 1203, 1204, and 1206.

2. Delayed indefinitely, amend §10.480 by reserving paragraph (b) and adding paragraph (c) to read as follows:

§ 10.480 Language support.

* * * * *

(b) [Reserved]

(c) The pre-scripted alert templates that must be supported are provided at https://www.fcc.gov/multilingual-wireless-emergency-alerts.

APPENDIX B

Supplemental Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA),[1] the Bureau has prepared this Supplemental Initial Regulatory Flexibility Analysis (Supplemental IRFA) of the possible significant economic impact on small entities of the policies and rules discussed in this Public Notice to supplement the Commission's Initial and Final Regulatory Flexibility Analyses completed in the *2023 WEA FNPRM* released in April 2023,[2] and the *2023 WEA Report and Order* released in October 2023.[3] Written public comments are requested on this Supplemental IRFA. Comments must be identified as responses to the Supplemental IRFA and must be filed by the same deadline for comments specified on the first page of this Public Notice. The Bureau will send a copy of this Public Notice, including this Supplemental IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA).[4] In addition, this Public Notice and Supplemental IRFA (or summaries thereof) will be published in the *Federal Register*.[5]

2. *Need for, and Objectives of, the Proposed Rules.* Pursuant to the Commission's directive in the *2023 WEA Report and Order,* in this Public Notice the Bureau has identified and proposed a group of the most common WEA message alerts and the most time sensitive alerts for support via template which would be pre-installed and stored on devices by Participating CMS Providers in English, the 13 most commonly spoken languages in the U.S. (Arabic, Chinese, French, German, Haitian Creole, Hindi, Italian, Korean, Portuguese, Russian, Spanish, Tagalog, and Vietnamese), and ASL. These templates, which would be displayed at the option of the alert originator, will enable alerting authorities to reach communities during emergency situations that would otherwise not understand an alert by providing WEA alerts and potentially life-saving emergency information in one of the languages identified above. Millions of people living in the United States do not primarily speak (and likely do not understand) English or Spanish, and an estimated one-in-four U.S. adults have some form of disability. Therefore, the accurate translation of emergency information is critical for alerting authorities to have confidence in the emergency alert information in the transmitted language, and that the alert will be understood by the target community.

3. Consistent with and in furtherance of the Commission's priority that WEA as an effective live-saving tool be accessible to as many people as possible, in this Public Notice the Bureau seeks comment on whether Participating Commercial Mobile Service (CMS) Providers should be required to support templates in additional languages, and how additional languages can be selected for WEA support. At the Commission's direction, the Bureau also seeks comment on the costs to support WEA

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[1] 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612, has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996, Pub. L. No. 104-121, 110 Stat. 857 (1996).

[2] *See Wireless Emergency Alerts, Amendments to Part 11 of the Commissions' Rules Regarding the Emergency Alert System*, PS Docket Nos. 15-91 and 15-94, Further Notice of Proposed Rulemaking, FCC 23-30, Appx. B at 53-81, paras. 1-79 (Apr. 23, 2023) (*2023 WEA FNPRM*).

[3] *See Wireless Emergency Alerts, Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System*, PS Docket Nos. 15-91 and 15-94, Third Report and Order, FCC 23-88, Appx. B at 43-69, paras. 1-67 (Oct. 20, 2023) (*2023 WEA Report and Order*).

[4] *See* 5 U.S.C. § 603(a).

[5] *See id*.

alerts in languages beyond those already required,[6] and seeks to designate additional languages that are minimally burdensome to implement.[7] The scope of the costs included in the Bureau's proposed definition of "minimally burdensome" encompass the costs to add one new language to current WEA standards, software updates to add support for the language's template, and necessary testing. The Bureau also proposes form-fillable templates that would include emergency specific information and seeks comment on the technical implementation of the templates. The Bureau also seeks comment on how to best implement ASL templates.

4. *Legal Basis*. The proposed action is authorized under sections 1, 2, 4(i), 4(n), 301, 303(b), 303(e), 303(g), 303(j), 303(r), 307, 309, 316, 403, and 706 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 152, 154(i), 154(n), 301, 303(b), 303(e), 303(g), 303(j), 303(r), 307, 309, 316, 403, 544(g), and 606; the Warning Alert and Response Network (WARN) Act, WARN Act §§ 602(a), (b), (c), (f), 603, 604, and 606, 47 U.S.C. §§ 1201(a),(b),(c), (f), 1203, 1204 and 1206, the Wireless Emergency Alerts, Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System, PS Docket Nos. 15-91 and 15-94, Third Report and Order, FCC 23-88 (2023), and 47 CFR §§ 0.5(c), 0.191(e), 0.201, 0.204, and 0.392.

5. *Description and Estimate of the Number of Small Entities to Which the Proposed Rules Will Apply.* The RFA directs agencies to provide a description and, where feasible, an estimate of the number of small entities that may be affected by the proposed rules and policies, adopted.[8] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction."[9] In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act."[10] A "small business concern" is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[11]

6. As noted above, Regulatory Flexibility Analyses were incorporated into the *2023 WEA FNPRM* and the *2023 WEA Report and Order*. In those analyses, the Commission described in detail the small entities that might be significantly affected. Accordingly, in this Public Notice, for the Supplemental IRFA, we incorporate by reference the descriptions and estimates of the number of small entities from the previous Regulatory Flexibility Analyses in the *2023 WEA FNPRM* and the *2023 WEA Report and Order*.[12]

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[6] *2023 WEA Report and Order* at 14, para. 23.

[7] *Id.* at 14-15, paras. 23-24 ("To the extent that it would be minimally burdensome to implement, we direct the Bureau to designate additional languages . . . that should be supported through templates.")

[8] 5 U.S.C. § 603(b)(3).

[9] *Id.* § 601(6).

[10] *Id.* § 601(3) (incorporating by reference the definition of "small-business concern" in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register."

[11] 15 U.S.C. § 632.

[12] *See 2023 WEA FNPRM*, Appx. B at 54-74, paras. 6-55; *2023 WEA Report and Order*. Appx. B at 44-64, paras. 9-58.

7. *Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements for Small Entities*. The Bureau expects the actions proposed in this Public Notice with respect to the creation of WEA templates in English, the 13 most commonly spoken languages in the U.S., and ASL will not impose additional reporting and recordkeeping on small entities who are Participating CMS Providers voluntarily participating in WEA. We note that the obligations regarding these templates were detailed and adopted by the Commission in the *2023 WEA Report and Order*. This Public Notice serves to develop the parameters for how these obligations must be implemented. The Bureau proposes a list of specific multilingual templates representing the most commonly utilized and the most time sensitive alert types, the costs of which are included in the *2023 WEA Report and Order*. The proposals and discussions in the Public Notice include potential compliance requirements for small and other Participating CMS Providers to support template alerts written in other languages; to support minimum video resolution or video quality for ASL video templates; or the inclusion of multiple templates for a single type of alert. This Public Notice also seeks comment on whether Participating CMS Providers should be required to support static or fillable templates, the costs of which the Commission has already identified in the *2023 WEA Report and Order*.[13] The Bureau's discussion of this potential requirement included the feasibility of including event-specific information in templates; the incorporation of Sending Agency, Area Affected, Expiration Time and a URL as the fillable template elements; and whether, and if so, how fillable templates can be used for ASL alerts.

8. The Commission directed the Bureau to seek comment on the costs of supporting multilingual WEA alerts in additional languages beyond the ones already adopted,[14] and directed the Bureau to designate additional languages to the extent they would be minimally burdensome to implement.[15] We discuss the Bureau's proposed definition of "minimally burdensome" above in the Supplemental IRFA, and the scope of the costs included in the definition for purposes of this analysis. The three elements we have identified to add one additional new language are: adding a new language to current WEA standards; updating software to add support for the language's template; and testing. We expect very minimal or negligible implementation costs for several reasons. The Bureau believes the standards and software developed for multilingual WEA will be designed to accommodate and streamline the future addition of new languages. Further, by implementing any additional new language templates as a regularly scheduled update with routinely released software updates, the costs for small and other Participating CMS Providers can be minimized.

9. In the Public Notice, we note that in the *2023 WEA Report and Order* the Commission estimated $42.4 million as the maximum cost ceiling for implementation of the templates in English, the 13 most commonly spoken languages in the U.S., and ASL. This estimate included the costs for both static and fillable templates which we address in the Public Notice. Regarding compliance costs for small entities, we further note that Participating CMS Providers will not be responsible for the costs of translating templates and will only be required to support additional template languages if the costs for such additions will be minimally burdensome. For these reasons, we expect the proposed actions in the

[13] *2023 WEA Report and Order* at 35-37, paras. 64-65 ("We estimate that the rules we adopt today could result in an industry-wide, one-time compliance cost of, at most, $42.4 million to update the WEA standards and software necessary to comply with the rules adopted in this *Report and Order*").

[14] *Id.* at 14, para. 23.

[15] *Id.* at 14-15, paras. 23-24 ("To the extent that it would be minimally burdensome to implement, we direct the Bureau to designate additional languages . . . that should be supported through templates.")

Public Notice, if adopted, to be a minimal burden for small entities and we do not expect that small entities will have to hire professionals to implement any requirements that may be adopted.

10. To help the Bureau more fully evaluate the cost of compliance for small entities should its proposals be adopted, in this Public Notice, we request comments on the cost implications of our proposals and ask whether there are more efficient and less burdensome alternatives (including cost estimates) for the Bureau to consider. We expect the information we received in comments including cost and benefit analyses, to help the Bureau identify and evaluate relevant matters for small entities, including compliance costs and other burdens that may result from the proposals and inquiries we make in the Public Notice.

11. *Steps Taken to Minimize the Significant Economic Impact on Small Entities, and Significant Alternatives Considered*. The RFA requires an agency to describe any significant, specifically small businesses, alternatives that it has considered in reaching its proposed approach, which may include the following four alternatives (among others): "(1) the establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance and reporting requirements under the rule for such small entities; (3) the use of performance rather than design standards; and (4) an exemption from coverage of the rule, or any part thereof, for such small entities."[16]

12. The Bureau is mindful that in meeting its duty to develop the nation's emergency preparedness by making WEA more accessible, small entities may incur costs. In the preceding paragraph, we note that the costs for template development and implementation addressed in this Public Notice for the already designated languages were included in the costs for Participating CMS Providers associated with implementing the *2023 WEA Report and Order*. We believe that because the Commission is responsible for the costs of translating templates, a significant step has been taken to help reduce the impact on small entities. The Bureau's development of the proposed templates in Appendices C and D, whether to require additional alerts such as AMBER alerts (a time-sensitive, commonly issued alert), or to require time-sensitive active shooter alerts are alternatives the Bureau has considered. The Bureau seeks comment on these alternatives as well as whether to require support for an AMBER alert or active shooter alert template only in the event that WEA can support form-fillable templates. Other alternatives we considered and seek comment on in the Public Notice are whether the required templates should include multiple alert templates for each type of time-sensitive alert directing different actions, such as to shelter in place or to evacuate; a template for generic alerts that are not tied to specific types of disasters; and an all-clear template. The Bureau also considered whether multilingual templates should be displayed in only the designated language, or whether the alert should contain a version of the alert in English. Further, for ASL alerts, in assessing whether and how templates could work, we inquired whether it is technically feasible to overlay event-specific information in a device's default language over an ASL video alert message.

13. Participating CMS Providers are only required to support additional languages if the costs of the addition will be minimally burdensome. This should significantly minimize the impact of any additional language template support that may subsequently be required. Any language deemed beyond minimally burdensome—which the Bureau proposes to define as imposing significant and atypical costs beyond those discussed in the *2023 WEA Report and Order* and defined in this Public Notice—would not be required to be supported under this approach. Alternatives the Bureau considered in evaluating additional language template requirements include whether a single approach or multiple approaches

[16] 5 U.S.C. § 603(c)(1)-(4).

should be used to determine additional template languages, and whether there are any limitations on the ability of additional language templates to be added to WEA-capable devices. Additionally, we discussed and seek comment on whether there is a need for a process for alerting authorities to request that the Bureau require new alert types, or support of additional template languages, where such requests would be made by a filing in the Commission's WEA docket, and subject to notice and comment. Alternatively, we asked whether the Bureau should periodically review the effectiveness of the existing alert templates, and seek comment on whether any changes or new languages are needed.

14. *Federal Rules that May Duplicate, Overlap, or Conflict with the Proposed Rules.* None.

APPENDIX C

Static Alert Templates

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	TORNADO EMERGENCY. Tornado spotted in this area. This is a life-threatening situation. Take shelter now in a basement or an interior room on the lowest floor of a sturdy building. If you are outdoors, in a mobile home, or in a vehicle, move to the closest substantial shelter and protect yourself from flying debris. Check media.
Flash Flood Warning	A FLASH FLOOD EMERGENCY in effect for this area. This is an extremely dangerous and life-threatening situation. Do not attempt to travel unless you are fleeing an area subject to flooding or under an evacuation order.
Severe Thunderstorm Warning	SEVERE THUNDERSTORM WARNING in effect for this area for DESTRUCTIVE 80 mile per hour winds. Take shelter in a sturdy building, away from windows. Flying debris may be deadly to those caught without shelter.
Snow Squall Warning	SNOW SQUALL WARNING in effect for this area. Slow down or delay travel! Be ready for a sudden drop to near zero visibility and icy roads in heavy snow.
Dust Storm Warning	DUST STORM WARNING for this area. Be ready for sudden drop to zero visibility. Pull Aside, Stay Alive! When visibility drops, pull far off the road and put your vehicle in park. Turn the lights off and keep your foot off the brake. Infants, the elderly and those with respiratory issues urged to take precautions.
Hurricane Warning	A HURRICANE WARNING is in effect for this area for dangerous and damaging winds. This warning is issued up to 36 hours before hazardous conditions begin. Urgently complete efforts to protect life and property. Have food, water, cash, fuel, and medications for 3+ days. FOLLOW INSTRUCTIONS FROM LOCAL OFFICIALS.
Storm Surge Warning	A STORM SURGE WARNING is in effect for this area for the danger of life-threatening flooding. This warning is issued up to 36 hours before hazardous conditions begin. Urgently complete efforts to protect life and property. Follow evacuation orders if given for this area to avoid drowning or being cut off from emergency services.
Extreme Wind Warning	An EXTREME WIND WARNING is in effect for this area for the immediate danger of life-threatening winds. Take cover NOW in an interior room of a

	sturdy building, away from windows. Protect your head from flying debris. Do NOT go out in the calm of the hurricane eye! Winds will quickly become dangerous again.
Test Alert	THIS IS A TEST of the National Wireless Emergency Alert System. The purpose is to maintain and improve alert and warning capabilities at the federal, state, local, Tribal and territorial levels and to evaluate the nation's public alert and warning capabilities. No action is required by the public.
MOST TIME SENSITIVE ALERTS	
Tsunami Warning	TSUNAMI WARNING. A series of powerful waves and strong currents may impact coasts near you. You are in danger. Get away from coastal waters. Move to high ground or inland now. Keep away from the coast until local officials say it is safe to return.
Earthquake Warning	EARTHQUAKE DETECTED! Drop, Cover, Hold On. Protect Yourself.
Boil Water Advisory	BOIL WATER ALERT issued for your area. Water in your community can make you sick. Use bottled water if available. Do not drink, cook with, brush your teeth with, or clean your home with tap or filtered water until you boil it. Bring water to a full rolling boil for THREE MINUTES. Let water cool before use. Do not use ice made with water that has not been boiled. If you use formula to feed your child, use ready-to-use formula. Make sure pets do not drink water that has not been boiled. Check local media.
911 Outage Alert	911 OUTAGE ALERT in this area. Please contact police, fire, medical, or other emergency services directly at their local phone numbers in case of emergency. If you dial 911, you may not get help.
Avalanche Warning	AVALANCHE WARNING in this area. Unstable, fast-moving snow can happen quickly, causing injury or death and can block roads and damage property in affected areas. LEAVE this area. DO NOT return to area after evacuation until directed by local officials. Travel in avalanche terrain is not recommended. Avalanches may run long distances.
Fire Warning	FIRE WARNING in this area. Evacuate your family and pets now, do not delay. Visibility in area will be reduced and roads can become blocked. If you do not leave now, you could be trapped, injured, or killed. Expect reduced visibility, heavy smoke, and difficulty breathing. Be careful when driving. Watch for public safety personnel operating in the area and follow their instructions.
Hazardous Materials Warning	A HAZARDOUS MATERIALS release has occurred in your area. Exposure may cause difficulty breathing, loss of coordination, burning sensation in eyes, nose, throat, or lungs, nausea, and possibly death. LEAVE this area. IF

	DRIVING to evacuate area, keep car windows and vents closed. DO NOT return to area after evacuation until directed by local officials.
Evacuation Immediate	EVACUATE IMMEDIATELY. Evacuation order issued in your area. Evacuate your family and pets now, do not delay. Watch for public safety personnel operating in the area and follow their instructions.
Shelter in Place Warning	SHELTER IN PLACE WARNING issued in your area. Danger in your area. Go inside to an interior room, close the doors and windows, and stay where you are. Check local media. Stay alert and use caution.

APPENDIX D

Form-Fillable Alert Templates

Alert Type	Alert Template
MOST TIME SENSITIVE ALERTS	
Tornado Warning	[SENDING AGENCY]: TORNADO EMERGENCY in [LOCATION] until [TIME]. Tornado spotted in this area. This is a life-threatening situation.. Take shelter now in a basement or an interior room on the lowest floor of a sturdy building. If you are outdoors, in a mobile home, or in a vehicle, move to the closest substantial shelter and protect yourself from flying debris. Check media. [URL]
Flash Flood Warning	[SENDING AGENCY]: A FLASH FLOOD EMERGENCY is in effect for [LOCATION] until [TIME]. This is an extremely dangerous and life-threatening situation. Do not attempt to travel unless you are fleeing an area subject to flooding or under an evacuation order. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: SEVERE THUNDERSTORM WARNING in effect for [LOCATION] until [TIME] for DESTRUCTIVE 80 mile per hour winds. Take shelter in a sturdy building, away from windows. Flying debris may be deadly to those caught without shelter. [URL]
Snow Squall Warning	[SENDING AGENCY]: Snow Squall Warning for [LOCATION] until [TIME]. Slow down or delay travel! Be ready for a sudden drop to near zero visibility and icy roads in heavy snow. [URL]
Dust Storm Warning	[SENDING AGENCY]: DUST STORM WARNING for [LOCATION] until [TIME]. Be ready for sudden drop to zero visibility. Pull Aside, Stay Alive! When visibility drops, pull far off the road and put your vehicle in park. Turn the lights off and keep your foot off the brake. Infants, the elderly and those with respiratory issues urged to take precautions. [URL]
Hurricane Warning	[SENDING AGENCY]: A HURRICANE WARNING is in effect for [LOCATION] for dangerous and damaging winds in effect until [TIME]. This warning is issued up to 36 hours before hazardous conditions begin. Urgently complete efforts to protect life and property. Have food, water, cash, fuel, and medications for 3+ days. FOLLOW INSTRUCTIONS FROM LOCAL OFFICIALS. [URL]

Storm Surge Warning	[SENDING AGENCY]: A STORM SURGE WARNING is in effect for [LOCATION] for the danger of life-threatening flooding until [TIME]. This warning is issued up to 36 hours before hazardous conditions begin. Urgently complete efforts to protect life and property. Follow evacuation orders if given for this area to avoid drowning or being cut off from emergency services. [URL]
Extreme Wind Warning	[SENDING AGENCY]: An EXTREME WIND WARNING is in effect for [LOCATION] for the immediate danger of life-threatening winds until [TIME]. Take cover NOW in an interior room of a sturdy building, away from windows. Protect your head from flying debris. Do NOT go out in the calm of the hurricane eye! Winds will quickly become dangerous again. [URL]
Test Alert	THIS IS A TEST of the National Wireless Emergency Alert System sent by [SENDING AGENCY]. The purpose is to maintain and improve alert and warning capabilities at the federal, state, local, Tribal and territorial levels and to evaluate the nation's public alert and warning capabilities. No action is required by the public. [URL]
MOST COMMONLY ISSUED ALERTS	
Tsunami Warning	[SENDING AGENCY]: TSUNAMI WARNING for [LOCATION] is in effect until [TIME]. A series of powerful waves and strong currents may impact coasts near you. You are in danger. Get away from coastal waters. Move to high ground or inland now. Keep away from the coast until local officials say it is safe to return. [URL]
Earthquake Warning	EARTHQUAKE DETECTED! Drop, Cover, Hold On. Protect Yourself. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: BOIL WATER ALERT issued for [LOCATION] is in effect until [TIME]. Water in your community can make you sick. Use bottled water if available. Do not drink, cook with, brush your teeth with, or clean your home with tap or filtered water until you boil it. Bring water to a full rolling boil for THREE MINUTES. Let water cool before use. Do not use ice made with water that has not been boiled. If you use formula to feed your child, use ready-to-use formula. Make sure pets do not drink water that has not been boiled. [URL]
911 Outage Alert	[SENDING AGENCY]: 911 OUTAGE ALERT in [LOCATION] until [TIME]. Please contact police, fire, medical, or other emergency services directly at their local phone numbers in case of emergency. If you dial 911, you may not get help. [URL]

Avalanche Warning	[SENDING AGENCY]: AVALANCHE WARNING in effect in [LOCATION] is in effect until [TIME]. Unstable, fast-moving snow can happen quickly, causing injury or death and can block roads and damage property in affected areas. LEAVE areas near [LOCATION]. DO NOT return to area after evacuation until directed by local officials. Travel in avalanche terrain is not recommended. Avalanches may run long distances. [URL]
Fire Warning	[SENDING AGENCY] FIRE WARNING in [LOCATION] is in in effect until [TIME]. Evacuate your family and pets now, do not delay. Visibility in area will be reduced and roads can become blocked. If you do not leave now, you could be trapped, injured, or killed. LEAVE areas near [LOCATION]. Expect reduced visibility, heavy smoke, and difficulty breathing. Be careful when driving. Watch for public safety personnel operating in the area and follow their instructions. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: A HAZARDOUS MATERIALS release has occurred at [TIME] in [LOCATION]. Exposure may cause difficulty breathing, loss of coordination, burning sensation in eyes, nose, throat, or lungs, nausea, and possibly death. LEAVE areas near [LOCATION]. IF DRIVING to evacuate area, keep car windows and vents closed. DO NOT return to area after evacuation unless directed by local officials. [URL]
Evacuation Immediate	[SENDING AGENCY] has issued an evacuation order for [LOCATION] in effect until [TIME]. Evacuate your family and pets now, do not delay. Watch for public safety personnel operating in the area and follow their instructions. [URL]
Shelter in Place Warning	[SENDING AGENCY] issued a shelter in place warning for [LOCATION] is in effect until [TIME]. Danger in your area. Go inside to an interior room, close the doors and windows, and stay where you are. Stay alert and use caution. [URL]

APPENDIX E

Alert Template Translations

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AMERICAN SIGN LANGUAGE TRANSLATION

The translations for American Sign Language are located here: https://www.fcc.gov/wireless-emergency-alert-templates-american-sign-language-asl

We note that these videos are illustrative examples of how the alert messages may be translated into ASL. These videos are not the final videos of ASL translations that Participating CMS Providers would be required to support, and they should not be used to convey emergency information or for any other purpose.

ARABIC TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	إعصار طارئ. تم رصد إعصار في هذه المنطقة. هذا وضع يهدد الحياة. احتمِ الآن في قبو أو غرفة داخلية في الطابق السفلي من مبنى قوي. إذا كنت في الهواء الطلق أو في منزل متنقل أو في سيارة، فانتقل إلى أقرب مأوى كبير واحمِ نفسك من الحطام المتطاير. اطلع على أخر مستجدات وسائل الإعلام.
Flash Flood Warning	يسري التحذير من حالة طوارئ الفيضانات المفاجئة في هذه المنطقة. هذا وضع خطير للغاية ويهدد الحياة. لا تحاول السفر إلا إذا كنت تفر من منطقة معرضة للفيضانات أو بموجب أمر إخلاء.
Severe Thunderstorm Warning	يسري التحذير من عاصفة رعدية شديدة في هذه المنطقة لرياح مدمرة بسرعة 80 ميلاً في الساعة. اتخذ مأوى في مبنى قوي، بعيدًا عن النوافذ. قد يكون الحطام المتطاير مميتًا لأولئك الذين باغتتهم العاصفة دون مأوى.
Snow Squall Warning	تحذير من عاصفة ثلجية حالية في هذه المنطقة. تحرك ببطء أو قُم بتأخير السفر! كن مستعدًا للانخفاض المفاجئ إلى مستوى رؤية قريب من الصفر والسير على طرق جليدية في الثلوج الكثيفة.
Dust Storm Warning	تحذير من عاصفة ترابية لهذه المنطقة. كن مستعدًا للانخفاض المفاجئ في مستوى الرؤية الذي قد يصل إلى الصفر. توقف على جانب الطريق، وابق على قيد الحياة! عندما تنخفض الرؤية، اركن سيارتك بعيدًا عن مسار الطريق، ثم ضعها في وضع الانتظار. أطفئ الأنوار وأبعد قدمك عن المكابح. حث الرضع وكبار السن وأولئك الذين يعانون من مشاكل في الجهاز التنفسي على اتخاذ الاحتياطات اللازمة.
Hurricane Warning	يسري تحذير الإعصار على هذه المنطقة بالنسبة للرياح الخطرة والمدمرة. يتم إصدار هذا التحذير قبل 36 ساعة من بدء الظروف الجوية الخطرة. ابذل جهود شاملة على وجه السرعة لحماية الأرواح والممتلكات. تزوَّد بالطعام والماء والنقد والوقود والأدوية لمدة تزيد عن 3 أيام. اتبع التعليمات الواردة من المسؤولين المحليين.
Storm Surge Warning	يسري التحذير من عرام العواصف على هذه المنطقة بسبب خطر الفيضانات التي تهدد الحياة. يتم إصدار هذا التحذير قبل 36 ساعة من بدء الظروف الجوية الخطرة. ابذل جهود شاملة على وجه السرعة لحماية الأرواح والممتلكات. اتبع أوامر الإخلاء إذا تم إصدارها لهذه المنطقة؛ لتجنب الغرق أو البقاء في عزلة بعيدًا عن خدمات الطوارئ.

Extreme Wind Warning	يسري التحذير من الرياح الشديدة على هذه المنطقة بسبب الخطر المباشر للرياح التي تهدد الحياة. احتمِ الآن في غرفة داخلية لمبنى قوي، بعيدًا عن النوافذ. احمِ رأسك من الحطام المتطاير. لا تخرج في وقت هدوء عين الإعصار! ستصبح الرياح خطرة مرة أخرى بسرعة.
Test Alert	هذا هو اختبار للنظام الوطني للإنذار اللاسلكي في حالات الطوارئ. والغرض من ذلك هو الحفاظ على قدرات التنبيه والإنذار وتحسينها على المستويات الاتحادية والولائية والمحلية والقبلية والإقليمية، وتقييم قدرات التنبيه والإنذار العامة في البلاد. لا يلزم اتخاذ أي إجراء من قبل الجمهور.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	تحذير من تسونامي. قد تؤثر سلسلة من الأمواج القوية والتيارات القوية على السواحل القريبة منك. أنت في خطر. ابتعد عن المياه الساحلية. انتقل الآن إلى أرض مرتفعة أو نحو البر. ابتعد عن الساحل حتى يصرح المسؤولون المحليون أنه من الآمن العودة.
Earthquake Warning	تم اكتشاف زلزال! انحنِ أرضًا، واختبئ تحت غطاء، ولا تتحرك. احمِ نفسكِ.
Boil Water Advisory	تم إصدار تنبيه بغلي الماء بالنسبة لمنطقتك. يمكن أن تصيبك المياه في مجتمعك المحلي بالمرض. استخدم المياه المعبأة في زجاجات إذا كانت متوفرة. لا تشرب أو تطبخ أو تغسل أسنانك بالفرشاة أو تنظف منزلك بمياه الصنبور أو الماء المصفى حتى تغليه. قم بغلي الماء تمامًا لمدة ثلاث دقائق. اترك الماء يبرد قبل الاستخدام. لا تستخدم الثلج المصنوع من الماء الذي لم يتم غليه. إذا كنت تستخدم تركيبة لإطعام طفلك، فاستخدم تركيبة جاهزة للاستخدام. تأكد من عدم شرب الحيوانات الأليفة للماء الذي لم يتم غليه. اطلع على آخر مستجدات وسائل الإعلام المحلية.
911 Outage Alert	تنبيه انقطاع خدمات الطوارئ (911) في هذه المنطقة. يُرجى الاتصال بالشرطة أو الإطفاء أو الخدمات الطبية أو غيرها من خدمات الطوارئ مباشرة على أرقام هواتفهم المحلية في حالات الطوارئ. إذا اتصلت بالرقم 911، فقد لا تحصل على المساعدة.
Avalanche Warning	تحذير من انهيار جليدي في هذه المنطقة. يمكن أن تحدث ظاهرة وجود الثلج غير المستقر وسريع الحركة بسرعة، مما يتسبب في وقوع الإصابة أو الوفاة؛ ويمكن أن تتسبب هذه الظاهرة في انسداد الطرق وإلحاق الضرر بالممتلكات في المناطق المتضررة. اترك هذه المنطقة. لا تعد إلى المنطقة بعد الإخلاء حتى يتم توجيهك من قبل المسؤولين المحليين. لا ينصح بالسفر في التضاريس الجليدية. قد تمتد الانهيارات الثلجية لمسافات طويلة.
Fire Warning	تحذير من الحريق في هذه المنطقة. قم بإخلاء عائلتك وحيواناتك الأليفة الآن، ولا تتأخر في القيام بذلك. سيقل مجال الرؤية في هذه المنطقة، ويمكن أن تصبح الطرق مغلقة. إذا لم تغادر الآن، فقد تكون محاصرًا أو مصابًا أو مقتولًا. توقع انخفاض الرؤية والدخان

	الكثيف وصعوبة التنفس. كن حذرًا عند القيادة. انتبه إلى موظفي السلامة العامة العاملين في المنطقة واتبع تعليماتهم.
Hazardous Materials Warning	حدث تسرب مواد خطرة في منطقتك. قد يسبب التعرض لهذه المواد الشعور بصعوبة في التنفس، وفقدان التناسق في الحركة، وحرقان في العينين أو الأنف أو الحلق أو الرئتين، والغثيان، وربما الموت. اترك هذه المنطقة. في حالة القيادة من أجل إخلاء المنطقة، اترك نوافذ السيارة وفتحات التهوية مغلقة. لا تعد إلى المنطقة بعد الإخلاء حتى يتم توجيهك من قبل المسؤولين المحليين.
Evacuation Immediate	قم بالإخلاء على الفور. تم إصدار أمر الإخلاء في منطقتك. قم بإخلاء عائلتك وحيواناتك الأليفة الآن، ولا تتأخر في القيام بذلك. انتبه إلى موظفي السلامة العامة العاملين في المنطقة واتبع تعليماتهم.
Shelter in Place Warning	تم إصدار تحذير الاحتماء في مكان المأوى في منطقتك. خطر في منطقتك. ادخل إلى غرفة داخلية، وأغلق الأبواب والنوافذ، وابق في مكانك. اطلع على آخر مستجدات وسائل الإعلام المحلية. ابق متيقظًا وتوخَ الحذر.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: حالة طوارئ الإعصار في [LOCATION] حتى [TIME]. تم رصد إعصار في هذه المنطقة. هذا وضع يهدد الحياة. احتمِ الآن في قبو أو غرفة داخلية في الطابق السفلي من مبنى قوي. إذا كنت في الهواء الطلق أو في منزل متنقل أو في سيارة، فانتقل إلى أقرب مأوى كبير واحمِ نفسك من الحطام المتطاير. اطلع على آخر مستجدات وسائل الإعلام. [URL]
Flash Flood Warning	[SENDING AGENCY]: يسري التحذير من حالة طوارئ الفيضانات المفاجئة لـ [LOCATION] حتى [TIME]. هذا وضع خطير للغاية ويهدد الحياة. لا تحاول السفر إلا إذا كنت تفر من منطقة معرضة للفيضانات أو بموجب أمر إخلاء. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: يسري التحذير من عاصفة رعدية شديدة لـ [LOCATION] حتى [TIME] لرياح مدمرة بسرعة 80 ميلًا في الساعة. اتخذ مأوى

	في مبنى قوي، بعيدًا عن النوافذ. قد يكون الحطام المتطاير مميتًا لأولئك الذين باغتتهم العاصفة دون مأوى. [URL]
Snow Squall Warning	[SENDING AGENCY]: تحذير من عاصفة ثلجية لـ [LOCATION] حتى [TIME]. تحرك ببطء أو قُم بتأخير السفر! كن مستعدًا للانخفاض المفاجئ إلى مستوى رؤية قريب من الصفر والسير على طرق جليدية في الثلوج الكثيفة. [URL]
Dust Storm Warning	[SENDING AGENCY]: تحذير من عاصفة ترابية لـ [LOCATION] حتى [TIME]. كن مستعدًا للانخفاض المفاجئ في مستوى الرؤية الذي قد يصل إلى الصفر. توقف على جانب الطريق، وابق على قيد الحياة! عندما تنخفض الرؤية، اركن سيارتك بعيدًا عن مسار الطريق، ثم ضعها في وضع الانتظار. أطفئ الأنوار وأبعد قدمك عن المكابح. حث الرضع وكبار السن وأولئك الذين يعانون من مشاكل في الجهاز التنفسي على اتخاذ الاحتياطات اللازمة. [URL]
Hurricane Warning	[SENDING AGENCY]: يسري تحذير الإعصار على [LOCATION] بالنسبة للرياح الخطرة والمدمرة حتى [TIME]. يتم إصدار هذا التحذير قبل 36 ساعة من بدء الظروف الجوية الخطرة. ابذل جهودًا شاملة على وجه السرعة لحماية الأرواح والممتلكات. تزوَّد بالطعام والماء والنقد والوقود والأدوية لمدة تزيد عن 3 أيام. اتبع التعليمات الواردة من المسؤولين المحليين. [URL]
Storm Surge Warning	[SENDING AGENCY]: يسري التحذير من عرام العواصف على [LOCATION] بسبب خطر الفيضانات التي تهدد الحياة حتى [TIME]. يتم إصدار هذا التحذير قبل 36 ساعة من بدء الظروف الجوية الخطرة. ابذل جهودًا شاملة على وجه السرعة لحماية الأرواح والممتلكات. اتبع أوامر الإخلاء إذا تم إصدارها لهذه المنطقة؛ لتجنب الغرق أو البقاء في عزلة بعيدًا عن خدمات الطوارئ. [URL]
Extreme Wind Warning	[SENDING AGENCY]: يسري التحذير من الرياح الشديدة على [LOCATION] بسبب الخطر المباشر للرياح التي تهدد الحياة حتى [TIME]. احتمِ الآن في غرفة داخلية لمبنى قوي، بعيدًا عن النوافذ. احمِ رأسك من الحطام المتطاير. لا تخرج في وقت هدوء عين الإعصار! ستصبح الرياح خطرة مرة أخرى بسرعة. [URL]
Test Alert	هذا اختبار للنظام الوطني للإنذار اللاسلكي في حالات الطوارئ تم إرساله من قِبل [SENDING AGENCY]. والغرض من ذلك هو الحفاظ على قدرات التنبيه والإنذار وتحسينها على المستويات الاتحادية والولائية والمحلية والقبلية والإقليمية، وتقييم قدرات التنبيه والإنذار العامة في البلاد. لا يلزم اتخاذ أي إجراء من قبل الجمهور. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: يسري التحذير من تسونامي لـ [LOCATION] حتى [TIME]. قد تؤثر سلسلة من الأمواج القوية والتيارات القوية على السواحل القريبة

	منك. أنت في خطر. ابتعد عن المياه الساحلية. انتقل الآن إلى أرض مرتفعة أو نحو البر. ابتعد عن الساحل حتى يصرح المسؤولون المحليون أنه من الآمن العودة. [URL]
Earthquake Warning	تم اكتشاف زلزال! انحنِ أرضًا، واختبئ تحت غطاء، ولا تتحرك. احمِ نفسكِ. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: يسري تنبيه غلي الماء الصادر لـ [LOCATION] حتى [TIME]. يمكن أن تصيبك المياه في مجتمعك المحلي بالمرض. استخدم المياه المعبأة في زجاجات إذا كانت متوفرة. لا تشرب أو تطبخ أو تغسل أسنانك بالفرشاة أو تنظف منزلك بمياه الصنبور أو الماء المصفى حتى تغليه. قم بغلي الماء تمامًا لمدة ثلاث دقائق. اترك الماء يبرد قبل الاستخدام. لا تستخدم الثلج المصنوع من الماء الذي لم يتم غليه. إذا كنت تستخدم تركيبة لإطعام طفلك، فاستخدم تركيبة جاهزة للاستخدام. تأكد من عدم شرب الحيوانات الأليفة للماء الذي لم يتم غليه. [URL]
911 Outage Alert	[SENDING AGENCY]: تنبيه انقطاع خدمات الطوارئ (911) في [LOCATION] حتى [TIME]. يُرجى الاتصال بالشرطة أو الإطفاء أو الخدمات الطبية أو غيرها من خدمات الطوارئ مباشرة على أرقام هواتفهم المحلية في حالات الطوارئ. إذا اتصلت بالرقم 911، فقد لا تحصل على المساعدة. [URL]
Avalanche Warning	[SENDING AGENCY]: يسري التحذير من الانهيار الجليدي في [LOCATION] حتى [TIME]. يمكن أن تحدث ظاهرة وجود الثلج غير المستقر وسريع الحركة بسرعة، مما يتسبب في وقوع الإصابة أو الوفاة؛ ويمكن أن تتسبب هذه الظاهرة في انسداد الطرق وإلحاق الضرر بالممتلكات في المناطق المتضررة. غادر المناطق القريبة من [LOCATION]. لا تعد إلى المنطقة بعد الإخلاء حتى يتم توجيهك من قبل المسؤولين المحليين. لا ينصح بالسفر في التضاريس الجليدية. قد تمتد الانهيارات الثلجية لمسافات طويلة. [URL]
Fire Warning	يسري التحذير من الحريق الصادر عن [SENDING AGENCY] في [LOCATION] حتى [TIME]. قم بإخلاء عائلتك وحيواناتك الأليفة الآن، ولا تتأخر في القيام بذلك. سيقل مجال الرؤية في هذه المنطقة، ويمكن أن تصبح الطرق مغلقة. إذا لم تغادر الآن، فقد تكون محاصرًا أو مصابًا أو مقتولًا. غادر المناطق القريبة من [LOCATION]. توقع انخفاض الرؤية والدخان الكثيف وصعوبة التنفس. كن حذرًا عند القيادة. انتبه إلى موظفي السلامة العامة العاملين في المنطقة واتبع تعليماتهم. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: حدث تسرب مواد خطرة عند [TIME] في [LOCATION]. قد يسبب التعرض لهذه المواد الشعور بصعوبة في التنفس، وفقدان التناسق في الحركة، وحرقان في العينين أو الأنف أو الحلق أو الرئتين، والغثيان، وربما الموت. غادر المناطق القريبة من [LOCATION]. في حالة القيادة من أجل إخلاء المنطقة، اترك نوافذ السيارة وفتحات التهوية مغلقة. لا تعد إلى المنطقة بعد الإخلاء إلا إذا تم توجيهك من قبل المسؤولين المحليين. [URL]

Evacuation Immediate	أصدرت [SENDING AGENCY] أمر إخلاء لـ [LOCATION] ساري المفعول حتى [TIME]. قم بإخلاء عائلتك وحيواناتك الأليفة الآن، ولا تتأخر في القيام بذلك. انتبه إلى موظفي السلامة العامة العاملين في المنطقة واتبع تعليماتهم. [URL]
Shelter in Place Warning	أصدرت [SENDING AGENCY] تحذير الاحتماء في مكان المأوى لـ [LOCATION] ساري المفعول حتى [TIME]. خطر في منطقتك. ادخل إلى غرفة داخلية، وأغلق الأبواب والنوافذ، وابق في مكانك. ابق متيقظًا وتوخَ الحذر. [URL]

CHINESE (SIMPLIFIED) TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	**龙卷风紧急情况**。该地区观察到龙卷风。这是危及生命的情况。 请即刻躲在地下室或坚固建筑物最底层的内部房间里。 如果您在户外、移动房屋或汽车内，请移步至最近的坚固避难所并保护自己免受飞溅碎片的伤害。请查看媒体报道。
Flash Flood Warning	该地区已进入**暴洪紧急状况**。这是一种极其危险且危及生命的情况。请勿尝试外出旅行，除非您要逃离遭受洪水侵袭或在接到疏散令的地区。
Severe Thunderstorm Warning	该地区已发布**严重雷暴雨警报**，风速为每小时 80 英里，具有破坏性。 请躲进坚固的建筑物内部，远离窗户。飞扬的碎片对于那些没有庇护所的人来说可能是致命的。
Snow Squall Warning	该地区已发布**雪飑警报**。请放慢行车速度或推迟出行！做好准备，应对能见度突然降至接近于零、大雪道路结冰的情况。
Dust Storm Warning	该地区已发布**沙尘暴警报**。请做好能见度突然降至零的准备。路旁停车，保存生命！当能见度下降时，将车停在远离道路的地方并将车辆保持停车状态。关掉车灯并将脚离开刹车板。敦促婴儿、老年人和患有呼吸道疾病的人采取预防措施。
Hurricane Warning	该地区已发布**飓风警报**，表示存在危险和破坏性的大风。此警告最早会在危险情况开始前 36 小时发布。请紧急完成保护生命财产安全的工作。准备 3 天以上的食物、水、现金、燃料和药物。**请遵循当地官员的指示**。
Storm Surge Warning	该地区已发布**风暴潮警报，**表示存在危及生命的洪水危险。此警报最早会在危险情况开始前 36 小时发布。请紧急完成保护生命财产安全的工作。如果针对该区域发出疏散命令，请遵守疏散命令，以避免溺水或紧急服务中断。
Extreme Wind Warning	该地区已发布**强风警报，**表示存在危及生命的大风直接危险。请即刻躲进坚固建筑物的内部房间，远离窗户。保护您的头部免受飞溅碎片的伤害。请不要在飓风眼平静时外出！风力很快就会再次变得危险。

Test Alert	**这是**对国家无线紧急警报系统的**一次测试**。目的是维持和提高联邦、州、地方、部落和地区各级的预警和警报能力，并评估国家的公共警示和警报能力。公众无需采取任何行动。
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	**海啸警报**。一系列强大的波浪和强流可能会影响您附近的海岸。您的处境危险。请远离沿海水域。即刻转移到高地或内陆。在当地官员表示可以安全返回之前，请远离海岸。
Earthquake Warning	**检测到地震！**放下手中一切、寻求掩护、坚持住。保护好您自己。
Boil Water Advisory	您所在地区已发布**沸水消毒警报**。您所在社区的供水可能会让您生病。如果有的话，请使用瓶装水。在煮沸之前，请勿使用自来水或过滤水饮用、做饭、刷牙或清洁房屋。将水充分煮沸三分钟。使用前让水冷却。请勿使用未煮沸的水制成的冰块。如果您使用配方奶喂养孩子，请使用即用型配方奶。请确保宠物不喝未煮沸的水。请查看当地媒体。
911 Outage Alert	该区域有 **911 故障警告**。如果发生紧急情况，请直接拨打当地电话号码联系警察、消防、医疗或其他紧急服务部门。如果您拨打 911，您可能无法获得帮助。
Avalanche Warning	该地区有**雪崩警告**。不稳定、快速移动的积雪可能会快速发生，造成伤害或死亡，并可能堵塞受影响地区的道路并损坏财产。请离开这个区域。 疏散后请勿返回该地区，除非得到当地官员的指示。不建议在雪崩地域旅行。雪崩可能会蔓延很长的距离。
Fire Warning	该区域已发布**火灾警报**。请立即疏散您的家人和宠物，切勿拖延。该地区的能见度将会降低，道路可能会堵塞。如果您现在不离开，您可能会被困、受伤或死亡。 预计能见度会降低、浓烟和呼吸困难。开车时要小心。留意在该地区工作的公共安全人员并遵循他们的指示。
Hazardous Materials Warning	您所在的地区发生了**危险材料泄漏**。接触可能会导致呼吸困难、失去协调性、眼睛、鼻子、喉咙或肺部有烧灼感、恶心，甚至可能死亡。请**离开**这个区域。**如果驾车**前往疏散区域，请保持车窗和通风口关闭。疏散后**请勿**返回该地区，除非得到当地官员的指示。
Evacuation Immediate	**请立即撤离**。您所在地区已发布了疏散令。请立即疏散您的家人和宠物，切勿拖延。 留意在该地区工作的公共安全人员并遵循他们的指示。

Shelter in Place Warning	您所在地区已发布了**就地避难警告**。您所在的地区有危险。请进入内部房间，关上门窗，呆在原地。请查看当地媒体。保持警惕和谨慎。

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]：[LOCATION]**发生龙卷风紧急情况**，直至[TIME]。该地区发现龙卷风。这是危及生命的情况。立即躲到地下室或坚固建筑物最底层内部房间。如果您在户外、移动房屋或车内，请移步至最近的坚固避难所并保护自己免受飞溅碎片的伤害。请查看媒体。[URL]
Flash Flood Warning	[SENDING AGENCY]：**暴洪紧急状态警报**在 [LOCATION] 生效，直至 [TIME]。这是一种极其危险且危及生命的情况。请勿尝试旅行，除非您要逃离遭受洪水侵袭或接到疏散令的地区。[URL]
Severe Thunderstorm Warning	[SENDING AGENCY]：严重雷暴雨警报目前在 [LOCATION] 生效，直至 [TIME]，风速为每小时 80 英里，具有破坏性。请躲在坚固的建筑物内，远离窗户。飞扬的碎片对于那些没有庇护所的人来说可能是致命的。[URL]
Snow Squall Warning	[SENDING AGENCY]：[LOCATION] 目前有雪飑警报直至 [TIME] 。请放慢车速或推迟出行！做好准备，应对能见度突然降至接近零，以及大雪中道路结冰的情况。[URL]
Dust Storm Warning	[SENDING AGENCY]：[LOCATION] 目前有沙尘暴警报直至 [TIME] 。 请做好能见度突然降至零的准备。停车在路旁，活下去！当能见度下降时，将车停在远离道路的地方并将车辆保持停车状态。关掉车灯并将脚离开刹车板。敦促婴儿、老年人和有呼吸道疾病的人采取预防措施。[URL]
Hurricane Warning	[SENDING AGENCY]：[LOCATION] 已发布飓风警报，危险且具有破坏性的大风将持续到 [TIME]。此警报最早会在危险情况开始前 36 小时发出。请紧急完成保护生命财产安全的工作。准备 3 天以上的食物、水、现金、燃料和药物。请**务必遵循当地官员的指示**。 [URL]
Storm Surge Warning	[SENDING AGENCY]：[LOCATION] 的风暴潮警报已生效，存在危及生命的洪水危险，直至 [TIME] 为止。 此警报最早会在危险情况开始前 36 小时发出。请紧急完成保护生命财产安全的工作。 如果针对该区域发出疏散命令，请遵守疏散命令，以避免溺水或与紧急服务中断。[URL]
Extreme Wind Warning	[SENDING AGENCY]：[LOCATION] 已发布强风警报，表示存在危及生命的强风的直接危险，直至 [TIME] 为止。请即刻躲在坚固建筑物的内部房间

	里，远离窗户。保护您的头部免受飞溅碎片的伤害。不要在飓风眼平静时外出！风力很快就会再次变得危险。[URL]
Test Alert	**这是**[SENDING AGENCY]发送的对国家无线紧急警报系统的**测试警报**。目的是维持和改善联邦、州、地方、部落和地区各级的预警和警报能力，并评估国家的公共预警和警报能力。公众无需采取任何行动。 [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]：向[LOCATION]发布的**海啸警报**生效，直至[TIME]。一系列强大的波浪和强水流可能会影响您附近的海岸。您有危险。请远离沿海水域。即刻转移到高地或内陆。在当地官员表示可以安全返回之前，请远离海岸。[URL]
Earthquake Warning	**检测到地震！**请放下手中的一切、寻求掩护、坚持。保护您自己。[SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]：向 [LOCATION] 发布的沸水消毒警告目前生效，直至[TIME]。 您所在社区的水可能会导致您生病。如果有的话，请使用瓶装水。在煮沸之前，请勿使用自来水或过滤水饮用、做饭、刷牙或清洁房屋。请将水充分沸腾**三分钟**。使用前让水冷却。请勿使用未煮沸的水制成的冰块。如果您使用配方奶喂养孩子，请使用即用型配方奶。确保宠物不喝未煮沸的水。[URL]
911 Outage Alert	[SENDING AGENCY]：[LOCATION] 发出 911 故障警报，直至 [TIME]。 如果发生紧急情况，请直接拨打当地电话号码联系警察、消防、医疗或其他紧急服务部门。 如果您拨打 911，您可能无法获得帮助。[URL]
Avalanche Warning	[SENDING AGENCY]：[LOCATION]的**雪崩警告**生效，直至 [TIME]。不稳定、快速移动的积雪可能会很快发生，造成伤害或死亡，并可能堵塞受影响地区的道路并损坏财产。请离开[LOCATION]附近的区域。疏散后请勿返回该地区，除非得到当地官员的指示。不建议在雪崩地形区域旅行。雪崩可能会蔓延很远的距离。[URL]
Fire Warning	[SENDING AGENCY] [LOCATION] 发布**火灾警报**生效，直至 [TIME]。请立即疏散您的家人和宠物，请勿拖延。该地区的能见度将会降低，道路可能会堵塞。 如果您现在不离开，您可能会被困、受伤或死亡。 离开[LOCATION]附近的区域。预计能见度会降低、浓烟和呼吸困难。行车时要小心。 留意在该地区工作的公共安全人员并遵循他们的指示。[URL]

Hazardous Materials Warning	[SENDING AGENCY]：[LOCATION]在[TIME]发生危险材料泄漏。接触可能会导致呼吸困难、失去协调性、眼睛、鼻子、喉咙或肺部有烧灼感、恶心，甚至可能死亡。 **请离开**[LOCATION]附近的区域。 如果驾车前往疏散区域，请保持车窗和通风口关闭。请勿在疏散后返回该地区，除非当地官员指示。[URL]
Evacuation Immediate	[SENDING AGENCY] 已向 [LOCATION] 发布疏散令，有效至 [TIME]。请立即疏散您的家人和宠物，请勿拖延。留意在该地区工作的公共安全人员并遵循他们的指示。 [URL]
Shelter in Place Warning	[SENDING AGENCY] 已向 [LOCATION] 发出就地避难警告，有效至 [TIME]。您所在的地区有危险。 请进入内部房间，关上门窗，呆在原地。请保持警惕和谨慎。 [URL]

FRENCH TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	AVIS DE TORNADE. Une tornade a été repérée dans cette zone. La vie des personnes concernées est en danger. Abritez-vous dès maintenant dans un sous-sol ou dans une pièce intérieure au niveau le plus bas d'un bâtiment robuste. Si vous vous trouvez à l'extérieur, dans une maison mobile ou dans un véhicule, rejoignez l'abri approprié le plus proche et protégez-vous des débris volants. Consultez les médias.
Flash Flood Warning	Un AVIS D'INONDATION SOUDAINE est en vigueur pour cette zone. Il s'agit d'une situation extrêmement dangereuse et potentiellement mortelle. Évitez de vous déplacer à moins que vous ne quittiez une zone inondable ou que vous ne fassiez l'objet d'un ordre d'évacuation.
Severe Thunderstorm Warning	Un AVIS D'ORAGE VIOLENT est en vigueur pour cette zone avec des vents DESTRUCTEURS de 130 km/heure. Mettez-vous à l'abri dans un bâtiment robuste, loin des fenêtres. Les débris volants peuvent être mortels pour les personnes n'ayant pu trouver un abri.
Snow Squall Warning	Un AVIS DE BOURRASQUE DE NEIGE est en vigueur pour cette zone. Ralentissez ou reportez vos déplacements ! Préparez-vous à une chute soudaine de la visibilité, qui pourrait devenir presque nulle, et à des routes verglacées en cas de neige abondante.
Dust Storm Warning	Un AVIS DE TEMPÊTE DE POUSSIÈRE est en vigueur pour cette zone. Préparez-vous à une baisse soudaine de la visibilité, qui pourrait devenir nulle. Arrêtez-vous, restez en vie ! Lorsque la visibilité diminue, quittez la route et mettez votre véhicule en position de stationnement. Éteignez les phares et n'appuyez pas sur la pédale de frein. Les nourrissons, les personnes âgées et les personnes souffrant de problèmes respiratoires sont invités à prendre des précautions.
Hurricane Warning	Un AVIS D'OURAGAN est en vigueur pour cette zone en raison de vents dangereux et destructeurs. Cet avis est émis au moins 36 heures avant le début des conditions dangereuses. Prenez de toute urgence des mesures pour protéger votre vie et vos biens. Prévoyez suffisamment de nourriture, d'eau, d'argent, de carburant et de médicaments pour 3 jours ou plus. SUIVEZ LES INSTRUCTIONS DES AUTORITÉS LOCALES.
Storm Surge Warning	Un AVIS D'ONDES DE TEMPÊTE est en vigueur pour cette zone en raison du risque d'inondations potentiellement mortelles. Cet avis est émis au moins 36 heures avant le début des conditions dangereuses. Prenez de toute urgence des mesures pour protéger votre vie et vos biens. Suivez les ordres d'évacuation donnés pour cette zone afin d'éviter de vous noyer ou d'être coupé des services d'urgence.
Extreme Wind Warning	Un AVIS DE VENT EXTRÊME est en vigueur pour cette zone en raison du danger immédiat de vents potentiellement mortels. Mettez-vous à l'abri dès MAINTENANT dans une pièce intérieure d'un bâtiment robuste, loin des fenêtres. Protégez votre tête des débris volants. Ne sortez PAS dans le calme de l'œil du cyclone ! Les vents sont susceptibles de redevenir dangereux rapidement.

Test Alert	CECI EST UN TEST du Système national d'alertes d'urgence sans fil. L'objectif est de maintenir et d'améliorer les capacités d'alerte et d'avertissement aux niveaux fédéral, étatique, local, tribal et territorial et d'évaluer les capacités d'alerte et d'avertissement du pays. Aucune action n'est requise de la part du public.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	AVIS DE TSUNAMI. Une série de vagues puissantes et de forts courants peuvent déferler sur les côtes situées près de chez vous. Vous êtes en danger. Éloignez-vous des eaux côtières. Réfugiez-vous sur les hauteurs ou à l'intérieur des terres dès maintenant. Restez éloigné des côtes jusqu'à ce que les autorités locales vous permettent de rentrer chez vos en toute sécurité.
Earthquake Warning	TREMBLEMENT DE TERRE DÉTECTÉ ! Baissez-vous, couvrez-vous et tenez-vous bien. Protégez-vous.
Boil Water Advisory	Un AVIS DE FAIRE BOUILLIR L'EAU a été émis pour votre zone. L'eau de votre communauté peut vous rendre malade. Utilisez de l'eau en bouteille si possible. Vous ne devez pas boire, cuisiner, vous brosser les dents et nettoyer votre maison avec de l'eau du robinet ou de l'eau filtrée sans l'avoir faite bouillir. Portez l'eau à ébullition pendant TROIS MINUTES. Laissez l'eau refroidir avant de l'utiliser. N'utilisez pas de glace produite avec de l'eau non bouillie. Si vous utilisez du lait maternisé pour nourrir votre enfant, utilisez du lait maternisé prêt à l'emploi. Veillez à ce que les animaux domestiques ne boivent pas d'eau non bouillie au préalable. Consultez les médias locaux.
911 Outage Alert	AVIS D'INTERRUPTION DU 911 dans cette zone. En cas d'urgence, veuillez contacter la police, les pompiers, les services médicaux ou tout autre service d'urgence directement en appelant leur numéro de téléphone local. Si vous composez le 911, vous risquez de ne pas obtenir d'aide.
Avalanche Warning	AVIS D'AVALANCHE dans cette zone. Une neige instable, qui atteint des vitesses élevées en mouvement, peut se produire rapidement et entraîner des blessures ou la mort, bloquer les routes et causer des dégâts matériels dans les zones touchées. QUITTEZ cette zone. NE retournez PAS dans les zones impactées par l'ordre d'évacuation à moins d'avoir reçu la permission des autorités locales. Les déplacements en terrain avalancheux sont déconseillés. Les avalanches peuvent couvrir de longues distances.
Fire Warning	AVIS D'INCENDIE dans cette zone. Évacuez votre famille et vos animaux de compagnie dès maintenant, sans plus attendre. La visibilité dans la région va diminuer et les routes risquent d'être bloquées. Si vous ne partez pas maintenant, vous risquez d'être bloqué, blessé ou tué. Attendez-vous à une visibilité réduite, à une forte fumée et à des difficultés respiratoires. Soyez prudent en conduisant. Faites attention au personnel des services de sécurité publique opérant dans la zone et suivez leurs instructions.
Hazardous Materials Warning	Un déversement de MATIÈRES DANGEREUSES s'est produit dans votre zone. Le contact avec ces matières peut entraîner des difficultés respiratoires, une perte de coordination, une sensation de brûlure dans les yeux, le nez, la gorge ou les poumons, des nausées et, éventuellement, la mort. QUITTEZ cette zone. SI VOUS CONDUISEZ pour évacuer la zone, gardez les fenêtres et les bouches d'aération de la voiture fermées.

	NE retournez PAS dans la zone après évacuation à moins d'avoir reçu la permission des autorités locales.
Evacuation Immediate	ÉVACUATION IMMÉDIATE. Un ordre d'évacuation a été émis pour votre zone. Évacuez votre famille et vos animaux de compagnie dès maintenant, ne tardez pas. Faites attention au personnel des services de sécurité publique opérant dans la zone et suivez leurs instructions.
Shelter in Place Warning	Un AVIS D'ABRI SUR PLACE a été émis pour votre zone. Il existe un danger dans votre zone. Réfugiez-vous dans une pièce située à l'intérieur, fermez les portes et les fenêtres et restez là où vous vous trouvez. Consultez les médias locaux. Restez vigilant et faites preuve de prudence.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY] : AVIS DE TORNADE pour [LOCATION] jusqu'à [TIME]. Une tornade a été repérée dans cette zone. La vie des personnes concernées est en danger. Abritez-vous dès maintenant dans un sous-sol ou dans une pièce située à l'intérieure au niveau le plus bas d'un bâtiment robuste. Si vous vous trouvez à l'extérieur, dans une maison mobile ou dans un véhicule, rejoignez l'abri approprié le plus proche et protégez-vous des débris volants. Consultez les médias. [URL]
Flash Flood Warning	[SENDING AGENCY] : un AVIS D'INONDATION SOUDAINE est en vigueur pour [LOCATION] jusqu'à [TIME]. Il s'agit d'une situation extrêmement dangereuse et potentiellement mortelle. Évitez de vous déplacer à moins que vous ne quittiez une zone inondable ou que vous ne fassiez l'objet d'un ordre d'évacuation. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY] : un AVIS D'ORAGE VIOLENT est en vigueur pour [LOCATION] jusqu'à [TIME] avec des vents DESTRUCTEURS de 130 km/heure. Mettez-vous à l'abri dans un bâtiment robuste, loin des fenêtres. Les débris volants peuvent être mortels pour les personnes n'ayant pu trouver un abri. [URL]
Snow Squall Warning	[SENDING AGENCY] : un avis de bourrasque de neige est en vigueur pour [LOCATION] jusqu'à [TIME]. Ralentissez ou reportez vos déplacements ! Préparez-vous à une chute soudaine de la visibilité, qui pourrait devenir presque nulle, et à des routes verglacées en cas de neige abondante. [URL]
Dust Storm Warning	[SENDING AGENCY] : AVIS DE TEMPÊTE DE POUSSIÈRE pour [LOCATION] jusqu'à [TIME]. Préparez-vous à une baisse soudaine de la visibilité qui pourrait devenir presque nulle. Arrêtez-vous, restez en vie ! Lorsque la visibilité diminue, quittez la route et mettez votre véhicule en position de stationnement. Éteignez les phares et n'appuyez pas sur la pédale de frein. Les nourrissons, les personnes âgées et les personnes souffrant de problèmes respiratoires sont invités à prendre des précautions. [URL]

Hurricane Warning	[SENDING AGENCY] : un AVIS D'OURAGAN est en vigueur pour [LOCATION] en raison de vents dangereux et destructeurs jusqu'à [TIME]. Cet avis est émis au moins 36 heures avant le début des conditions dangereuses. Prenez de toute urgence des mesures pour protéger votre vie et vos biens. Prévoyez suffisamment de nourriture, d'eau, d'argent, de carburant et de médicaments pour 3 jours ou plus. SUIVEZ LES INSTRUCTIONS DES AUTORITÉS LOCALES. [URL]
Storm Surge Warning	[SENDING AGENCY] : un AVIS D'ONDES DE TEMPÊTE est en vigueur pour [LOCATION] jusqu'à [TIME] en raison du risque d'inondations potentiellement mortelles. Cet avis est émis au moins 36 heures avant le début des conditions dangereuses. Prenez de toute urgence des mesures pour protéger votre vie et vos biens. Suivez les ordres d'évacuation donnés pour cette zone afin d'éviter de vous noyer ou d'être coupé des services d'urgence. [URL]
Extreme Wind Warning	[SENDING AGENCY] : un AVIS DE VENT EXTRÊME est en vigueur pour [LOCATION] en raison du danger immédiat de vents potentiellement mortels jusqu'à [TIME]. Mettez-vous à l'abri MAINTENANT dans une pièce située à l'intérieure d'un bâtiment robuste, loin des fenêtres. Protégez votre tête des débris volants. Ne sortez PAS dans le calme de l'œil du cyclone ! Les vents sont susceptibles de redevenir dangereux rapidement. [URL]
Test Alert	CECI EST UN TEST du Système national d'alertes d'urgence sans fil envoyé par [SENDING AGENCY]. L'objectif est de maintenir et d'améliorer les capacités d'alerte et d'avertissement aux niveaux fédéral, étatique, local, tribal et territorial et d'évaluer les capacités d'alerte et d'avertissement du pays. Aucune action n'est requise de la part du public. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY] : un AVIS DE TSUNAMI pour [LOCATION] est en vigueur jusqu'à [TIME]. Une série de vagues puissantes et de forts courants peuvent déferler sur les côtes situées près de chez vous. Vous êtes en danger. Éloignez-vous des eaux côtières. Réfugiez-vous sur les hauteurs ou à l'intérieur des terres dès maintenant. Éloignez-vous des côtes jusqu'à ce que les autorités locales vous permettent de rentrer chez vos en toute sécurité. [URL]
Earthquake Warning	TREMBLEMENT DE TERRE DÉTECTÉ ! Baissez-vous, couvrez-vous et tenez-vous bien. Protégez-vous. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY] : un AVIS DE FAIRE BOUILLIR L'EAU a été émis pour [LOCATION] jusqu'à [TIME]. L'eau de votre communauté peut vous rendre malade. Utilisez de l'eau en bouteille si possible. Vous ne devez pas boire, cuisiner, vous brosser les dents et nettoyer votre maison avec de l'eau du robinet ou de l'eau filtrée sans l'avoir faite bouillir. Portez l'eau à ébullition pendant TROIS MINUTES. Laissez l'eau refroidir avant de l'utiliser. N'utilisez pas de glace produite avec de l'eau non bouillie. Si vous utilisez du lait maternisé pour nourrir votre enfant, utilisez du lait maternisé prêt à l'emploi. Veillez à ce que les animaux domestiques ne boivent pas d'eau non bouillie au préalable. Consultez les médias locaux. [URL]
911 Outage Alert	[SENDING AGENCY] : AVIS D'INTERRUPTION DU 911 pour [LOCATION] jusqu'à [TIME]. En cas d'urgence, veuillez contacter la police, les pompiers, les services

	médicaux ou tout autre service d'urgence directement en appelant leur numéro de téléphone local. Si vous composez le 911, vous risquez de ne pas obtenir d'aide. [URL]
Avalanche Warning	[SENDING AGENCY] : un AVIS D'AVALANCHE pour [LOCATION] est en vigueur jusqu'à [TIME]. Une neige instable, qui atteint des vitesses élevées en mouvement, peut se produire rapidement et entraîner des blessures ou la mort, bloquer les routes et causer des dégâts matériels dans les zones touchées. QUITTEZ les zones situées à proximité de [LOCATION]. NE retournez PAS dans les zone impactées par l'ordre d'évacuation à moins d'avoir reçu la permission des autorités locales. Les déplacements en terrain avalancheux sont déconseillés. Les avalanches peuvent couvrir de longues distances. [URL]
Fire Warning	UN AVIS D'INCENDIE DE [SENDING AGENCY] pour [LOCATION] est en vigueur jusqu'à [TIME]. Évacuez votre famille et vos animaux de compagnie dès maintenant, sans plus attendre. La visibilité dans la région va diminuer et les routes risquent d'être bloquées. Si vous ne partez pas maintenant, vous risquez d'être bloqué, blessé ou tué. QUITTEZ la zone située à proximité de [LOCATION]. Attendez-vous à une visibilité réduite, à une forte fumée et à des difficultés respiratoires. Soyez prudent en conduisant. Faites attention au personnel des services de sécurité publique opérant dans la zone et suivez leurs instructions. [URL]
Hazardous Materials Warning	[SENDING AGENCY] : un déversement de MATIÈRES DANGEREUSES s'est produit à [TIME] à [LOCATION]. Le contact avec ces matières peut entraîner des difficultés respiratoires, une perte de coordination, une sensation de brûlure dans les yeux, le nez, la gorge ou les poumons, des nausées et, éventuellement, la mort. QUITTEZ la zone située à proximité de [LOCATION]. SI VOUS CONDUISEZ pour évacuer la zone, gardez les fenêtres et les bouches d'aération de la voiture fermées. NE retournez PAS dans la zone après évacuation à moins d'avoir reçu la permission des autorités locales. [URL]
Evacuation Immediate	Un ordre d'évacuation a été émis par le/la [SENDING AGENCY] pour [LOCATION]. L'avis reste en vigueur jusqu'à [TIME]. Évacuez votre famille et vos animaux de compagnie dès maintenant, ne tardez pas. Faites attention au personnel des services de sécurité publique opérant dans la zone et suivez leurs instructions. [URL]
Shelter in Place Warning	Un avis d'abri en place a été émis par le/la [SENDING AGENCY] pour [LOCATION]. L'avis reste en vigueur jusqu'à [TIME]. Il existe un danger dans votre zone. Réfugiez-vous dans une pièce située à l'intérieur, fermez les portes et les fenêtres et restez là où vous vous trouvez. Consultez les médias locaux. Restez vigilant et faites preuve de prudence. [URL]

GERMAN TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	TORNADO-NOTFALL. In dieser Gegend wurde ein Tornado gesichtet. Es handelt sich um eine lebensbedrohliche Situation. Suchen Sie sofort Schutz in einem Keller oder Innenraum im untersten Stockwerk eines stabilen Gebäudes. Wenn Sie sich im Freien, in einem Wohnmobil oder in einem Fahrzeug aufhalten, suchen Sie den nächstgelegenen sicheren Unterstand auf und schützen Sie sich vor umherfliegenden Trümmern. Informieren Sie sich in den Medien.
Flash Flood Warning	Für dieses Gebiet gilt eine STURZFLUTWARNUNG. Dies ist eine äußerst gefährliche und lebensbedrohliche Situation. Versuchen Sie nicht zu fahren, es sei denn, Sie fliehen aus einem Überschwemmungsgebiet oder haben einen Evakuierungsbefehl.
Severe Thunderstorm Warning	Für dieses Gebiet gilt eine SCHWERE GEWITTER WARNUNG mit zerstörerischen Windgeschwindigkeiten von 128 Kilometer pro Stunde. Suchen Sie Schutz in einem stabilen Gebäude, fern von Fenstern. Umherfliegende Trümmer können für Menschen, die keinen Schutz haben, tödlich sein.
Snow Squall Warning	Für dieses Gebiet gilt eine SCHNEEBÖENWARNUNG. Verlangsamen oder verzögern Sie die Reise! Seien Sie auf einen plötzlichen Abfall der Sichtverhältnisse und vereiste Straßen bei starkem Schneefall vorbereitet.
Dust Storm Warning	STAUBSTURMWARNUNG für dieses Gebiet. Seien Sie auf einen plötzlichen Abfall der Sichtverhältnisse vorbereitet. Zur Seite fahren und am Leben bleiben! Wenn die Sicht schlechter wird, fahren Sie weit von der Straße ab und parken Sie das Fahrzeug. Schalten Sie das Licht aus und lassen Sie den Fuß von der Bremse. Kleinkinder, ältere Menschen und Personen mit Atemwegserkrankungen werden aufgefordert Vorsichtsmaßnahmen zu treffen.
Hurricane Warning	Für dieses Gebiet gilt eine ORKANWARNUNG wegen gefährlichen und schädlichen Winden. Diese Warnung wird bis zu 36 Stunden vor Beginn gefährlicher Bedingungen ausgegeben. Die Bemühungen zum Schutz von Leben und Eigentum müssen dringend abgeschlossen werden. Halten Sie Lebensmittel, Wasser, Bargeld, Treibstoff und Medikamente für mehr als 3 Tage bereit. BEFOLGEN SIE DIE ANWEISUNG VON ÖRTLICHEN BEAMTEN.
Storm Surge Warning	Für dieses Gebiet gilt eine STURMFLUTWARNUNG wegen der Gefahr lebensgefährlicher Überschwemmungen. Diese Warnung wird bis zu 36 Stunden vor Beginn gefährlicher Bedingungen ausgegeben. Die Bemühungen zum Schutz von Leben und Eigentum müssen dringend abgeschlossen werden. Befolgen Sie gegebenenfalls für diesen Bereich gegebene Evakuierungsanweisungen, um zu vermeiden, dass Sie ertrinken oder Rettungsdiensten abgeschnitten werden.
Extreme Wind Warning	Für dieses Gebiet gilt eine EXTREME WINDWARNUNG wegen lebensbedrohlichen Windstärken. Gehen Sie SOFORT in Deckung, bestens in einen Innenraum eines

	stabilen Gebäudes. Schützen Sie Ihren Kopf vor umherfliegenden Trümmern. Gehen Sie NICHT während dem Orkanauge hinaus! Winde werden schnell wieder gefährlich.
Test Alert	DAS IST EIN TEST des bundesweiten Warnsystems. Der Zweck besteht darin, die Alarm- und Warnfunktionen auf Bundes-, Landes-, lokaler, Stammes- und Territorialebene aufrechtzuerhalten und zu verbessern und die öffentlichen Alarm- und Warnfunktionen des Landes zu bewerten. Es besteht kein Handlungsbedarf seitens der Öffentlichkeit.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	TSUNAMI-WARNUNG. Eine Reihe starker Wellen und starker Strömungen können Auswirkungen auf die Küsten in Ihrer Nähe haben. Bleiben Sie außer Gefahr und vermeiden Sie Küstengewässer. Gehen Sie sofort auf eine Anhöhe oder ins Landesinnere. Halten Sie sich von der Küste fern, bis die örtlichen Behörden sagen, daß die Rückkehr gesichert ist.
Earthquake Warning	ERDBEBEN ERKANNT! Hinlegen, abdecken, festhalten. Schützen Sie sich.
Boil Water Advisory	Für Ihre Region wurde ein ABKOCHGEBOT FÜR TRINKWASSER ausgegeben. Wasser in Ihrer Gemeinde kann Sie krank machen. Verwenden Sie, sofern verfügbar, Wasser in Flaschen. Trinken Sie nicht, kochen Sie nicht damit, putzen Sie sich nicht die Zähne und reinigen Sie Ihr Zuhause nicht mit Leitungswasser oder gefiltertem Wasser, bevor Sie es abgekocht haben. Bringen Sie das Wasser DREI MINUTEN lang zum Kochen. Lassen Sie das Wasser vor dem Gebrauch abkühlen. Verwenden Sie kein Eis, das mit nicht abgekochtem Wasser hergestellt wurde. Wenn Sie Ihr Kind mit Säuglingsnahrung ernähren, verwenden Sie Fertignahrung. Stellen Sie sicher, dass Haustiere kein Leitungswasser trinken, das nicht abgekocht ist. Verfolgen Sie die lokalen Medien.
911 Outage Alert	112-AUSFALLALARM in diesem Bereich. Bitte wenden Sie sich im Notfall direkt an die Polizei, die Feuerwehr, den Arzt oder andere Rettungsdienste unter deren örtlichen Telefonnummern. Wenn Sie 112 wählen, erhalten Sie möglicherweise keine Hilfe.
Avalanche Warning	LAWINENWARNUNG in diesem Gebiet. Instabiler und gleitender Schnee kann schnell zu Verletzungen oder zum Tod führen und in den betroffenen Gebieten Straßen blockieren und Eigentum beschädigen. VERLASSEN Sie diesen Bereich. Kehren Sie nach der Evakuierung NICHT in das Gebiet zurück, bis Sie von den örtlichen Beamten dazu aufgefordert werden. Reisen in Lawinengebiete werden nicht empfohlen. Lawinen können weite Strecken zurücklegen.
Fire Warning	BRANDWARNUNG in diesem Bereich. Evakuieren Sie sofort Ihre Familie und Haustiere, zögern Sie nicht. Die Sicht in der Umgebung wird eingeschränkt und Straßen können blockiert werden. Wenn Sie jetzt nicht gehen, könnten Sie eingeklemmt, verletzt oder getötet werden. Rechnen Sie mit eingeschränkter Sicht, starker Rauchentwicklung und Atembeschwerden. Seien Sie beim Fahren vorsichtig. Achten Sie auf das in der Gegend tätige Personal der öffentlichen Sicherheit und befolgen Sie deren Anweisungen.

Hazardous Materials Warning	In Ihrer Region sind GEFAHRSTOFFE freigesetzt worden. Die Auslieferung kann zu Atembeschwerden, Koordinationsverlust, Brennen in Augen, Nase, Rachen oder Lunge, Übelkeit und möglicherweise zum Tod führen. VERLASSEN Sie diesen Bereich. Wenn Sie in einen Evakuierungsbereich fahren, halten Sie die Fenster und Lüftungsschlitze des Autos geschlossen. Kehren Sie nach der Evakuierung NICHT in das Gebiet zurück, bis Sie von den örtlichen Beamten dazu aufgefordert werden.
Evacuation Immediate	SOFORT evakuieren. In Ihrer Nähe erlassener Evakuierungsbefehl. Evakuieren Sie sofort Ihre Familie und Haustiere, zögern Sie nicht. Achten Sie auf das in der Gegend tätige Personal der öffentlichen Sicherheit und befolgen Sie deren Anweisungen.
Shelter in Place Warning	AUSGANSSPERRE in Ihrer Nähe. Gefahr in Ihrer Nähe. Gehen Sie in einen Innenraum, schließen Sie die Türen und Fenster und bleiben Sie, wo Sie sind. Überwachen Sie die lokalen Medien. Bleiben Sie wachsam und vorsichtig.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: TORNADO-NOTFALL in [LOCATION] bis [TIME]. In dieser Gegend wurde ein Tornado gesichtet. Dies ist eine lebensbedrohliche Situation. Suchen Sie jetzt Schutz in einem Keller oder einem Innenraum im untersten Stockwerk eines stabilen Gebäudes. Wenn Sie sich im Freien, in einem Wohnmobil oder in einem Fahrzeug aufhalten, suchen Sie den nächstgelegenen sicheren Unterstand auf und schützen Sie sich vor umherfliegenden Trümmern. Medien verfolgen. [URL]
Flash Flood Warning	[SENDING AGENCY]: Für [LOCATION] gilt bis zum [TIME] ein STURZFLUTNOTSTAND. Dies ist eine äußerst gefährliche und lebensbedrohliche Situation. Versuchen Sie nicht zu fahren, es sei denn, Sie fliehen aus einem Überschwemmungsgebiet oder haben einen Evakuierungsbefehl. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: SCHWERE GEWITTERWARNUNG gilt für [LOCATION] bis [TIME] für ZERSTÖRERISCHE Windgeschwindigkeiten von 128 km pro Stunde. Suchen Sie Schutz in einem stabilen Gebäude, fern von Fenstern. Umherfliegende Trümmer können für Menschen, die keinen Schutz haben, tödlich sein. [URL]
Snow Squall Warning	[SENDING AGENCY]: Schneeböenwarnung für [LOCATION] bis [TIME]. Verlangsamen oder verzögern Sie die Reise! Seien Sie auf einen plötzlichen Abfall der Sichtverhältnisse auf nahezu null und vereiste Straßen bei starkem Schneefall vorbereitet. [URL]
Dust Storm Warning	[SENDING AGENCY]: STAUBSTURMWARNUNG für [LOCATION] bis [TIME]. Seien Sie auf einen plötzlichen Abfall der der Sichtverhältnisse vorbereitet. Zurückziehen, am Leben bleiben! Wenn die Sicht schlechter wird, fahren Sie weit von der Straße ab und parken Ihr Fahrzeug. Schalten Sie das Licht aus und lassen Sie den Fuß von der Bremse. Kleinkinder, ältere Menschen und Personen mit Atemwegserkrankungen werden aufgefordert, Vorsichtsmaßnahmen zu treffen. [URL]

Hurricane Warning	[SENDING AGENCY]: Für [LOCATION] gilt eine ORKANWARNUNG wegen gefährlichen und schädlichen Winden, die bis [TIME] in Kraft ist. Diese Warnung wird bis zu 36 Stunden vor Beginn gefährlicher Bedingungen ausgegeben. Die Bemühungen zum Schutz von Leben und Eigentum müssen dringend abgeschlossen werden. Halten Sie Lebensmittel, Wasser, Bargeld, Treibstoff und Medikamente für mehr als 3 Tage bereit. Befolgen Sie die Anweisungen der örtlichen Beamten. [URL]
Storm Surge Warning	[SENDING AGENCY]: Für [LOCATION] gilt eine STURMFLUTWARNUNG wegen der Gefahr von lebensbedrohlichen Überschwemmungen bis [TIME]. Diese Warnung wird bis zu 36 Stunden vor Beginn gefährlicher Bedingungen ausgegeben. Die Bemühungen zum Schutz von Leben und Eigentum müssen dringend abgeschlossen werden. Befolgen Sie gegebenenfalls für diesen Bereich gegebene Evakuierungsanweisungen, um zu vermeiden, daß Sie ertrinken oder von Rettungsdiensten abgeschnitten werden. [URL]
Extreme Wind Warning	[SENDING AGENCY]: Für [LOCATION] gilt eine EXTREME WINDWARNUNG wegen unmittelbarer Gefahr durch lebensbedrohliche Winde bis [TIME]. Gehen Sie SOFORT in einem Innenraum eines stabilen Gebäudes, fern von Fenstern, in Deckung. Schützen Sie Ihren Kopf vor umherfliegenden Trümmern. Gehen Sie NICHT während dem Orkanauge hinaus! Winde werden schnell wieder gefährlich. [URL]
Test Alert	DIES IST EIN TEST des bundesweiten Warnsystems, gesendet von [SENDING AGENCY]. Der Zweck besteht darin, die Alarm- und Warnfunktionen auf Bundes-, Landes-, lokaler, Stammes- und Territorialebene aufrechtzuerhalten und zu verbessern und die öffentlichen Alarm- und Warnfunktionen des Landes zu bewerten. Es besteht kein Handlungsbedarf seitens der Öffentlichkeit. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: Die TSUNAMI-WARNUNG für [LOCATION] ist bis [TIME] in Kraft gesetzt. Eine Reihe starker Wellen und starker Strömungen können Auswirkungen auf die Küsten in Ihrer Nähe haben. Sie befinden sich in Gefahr. Vermeiden Sie Küstengewässer. Gehen Sie sofort auf eine Anhöhe oder ins Landesinnere. Halten Sie sich von der Küste fern, bis die örtlichen Behörden sagen, dass die Rückkehr gesichert ist. [URL]
Earthquake Warning	ERDBEBEN ERKANNT! Hinlegen, abdecken, festhalten. Schützen Sie sich. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: Die für [LOCATION] ausgestellte KOCHWASSERWARNUNG ist bis [TIME] gültig. Wasser in Ihrer Gemeinde kann Sie krank machen. Verwenden Sie, sofern verfügbar, Wasser in Flaschen. Trinken Sie nicht, kochen Sie nicht damit, putzen Sie sich nicht die Zähne und reinigen Sie Ihr Zuhause nicht mit Leitungswasser oder gefiltertem Wasser, bis Sie es abgekocht haben. Bringen Sie das Wasser DREI MINUTEN lang zum Kochen. Lassen Sie das Wasser vor dem Gebrauch abkühlen. Verwenden Sie kein Eis, das mit nicht abgekochtem Wasser hergestellt wurde. Wenn Sie Ihr Kind mit Säuglingsnahrung ernähren, verwenden Sie Fertignahrung. Stellen Sie sicher, dass Haustiere kein Wasser trinken, das nicht abgekocht ist. [URL]

911 Outage Alert	[SENDING AGENCY]: 112-AUSFALLALARM in [LOCATION] bis [TIME]. Bitte wenden Sie sich im Notfall direkt an die Polizei, die Feuerwehr, den Arzt oder andere Rettungsdienste unter deren örtlichen Telefonnummern. Wenn Sie 112 wählen, erhalten Sie möglicherweise keine Hilfe. [URL]
Avalanche Warning	[SENDING AGENCY]: Die LAWINENWARNUNG in [LOCATION] gilt bis [TIME]. Instabiler, schnell gleitender Schnee kann sehr schnell zu Verletzungen oder zum Tod führen und in den betroffenen Gebieten Straßen blockieren und Eigentum beschädigen. VERLASSEN Sie Bereiche in der Nähe von [LOCATION]. Kehren Sie nach der Evakuierung NICHT in das Gebiet zurück, bis Sie von den örtlichen Beamten dazu aufgefordert werden. Reisen in Lawinengebieten werden nicht empfohlen. Lawinen können weite Strecken zurücklegen. [URL]
Fire Warning	[SENDING AGENCY] BRANDWARNUNG in [LOCATION] ist bis [TIME] in Kraft. Evakuieren Sie sofort Ihre Familie und Haustiere, zögern Sie nicht. Die Sicht in der Umgebung wird eingeschränkt und Straßen können blockiert werden. Wenn Sie jetzt nicht gehen, könnten Sie eingeklemmt, verletzt oder getötet werden. VERLASSEN Sie Bereiche in der Nähe von [LOCATION]. Rechnen Sie mit eingeschränkter Sicht, starker Rauchentwicklung und Atembeschwerden. Seien Sie beim Fahren vorsichtig. Achten Sie auf das in der Gegend tätige Personal der öffentlichen Sicherheit und befolgen Sie deren Anweisungen. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: Um [TIME] ist es in [LOCATION] zu einer FREISETZUNG GEFÄHRLICHER STOFFE gekommen. Die Exposition kann zu Atembeschwerden, Koordinationsverlust, Brennen in Augen, Nase, Rachen oder Lunge, Übelkeit und möglicherweise zum Tod führen. VERLASSEN Sie Bereiche in der Nähe von [LOCATION]. Falls Sie in einen Evakuierungsbereich FAHREN, halten Sie die Fenster und Lüftungsschlitze des Autos geschlossen. Kehren Sie nach der Evakuierung NICHT in das Gebiet zurück, es sei denn, Sie werden von örtlichen Beamten angewiesen. [URL]
Evacuation Immediate	[SENDING AGENCY] hat einen Evakuierungsbefehl für [LOCATION] erlassen, der bis [TIME] gültig ist. Evakuieren Sie sofort Ihre Familie und Haustiere zögern Sie nicht. Achten Sie auf das in der Gegend tätige Personal der öffentlichen Sicherheit und befolgen Sie deren Anweisungen. [URL]
Shelter in Place Warning	[SENDING AGENCY] hat eine Ausgangssperre Warnung für [LOCATION] herausgegeben, die bis [TIME] in Kraft steht. Gefahr in Ihrer Nähe. Gehen Sie in einen Innenraum, schließen Sie die Türen und Fenster und bleiben Sie, wo Sie sind. Bleiben Sie wachsam und vorsichtig. [URL]

HAITIAN CREOLE TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	IJANS TORNAD. Toubiyon te lokalize nan zòn sa a. Sa a se yon sitiyasyon ki menase lavi. Pran abri kounye a nan yon sousòl oswa yon chanm enteryè nan etaj ki pi ba a nan yon bilding ki solid. Si w deyò, nan yon kay mobil, oswa nan yon machin, ale nan abri sibstansyèl ki pi pre a epi pwoteje tèt ou kont debri k ap vole. Tcheke medya yo.
Flash Flood Warning	YON IJANS INONDASYON RAPID an vigè pou zòn sa a. Sa a se yon sitiyasyon trè danjere e ki menase lavi. Pa eseye vwayaje sof si w ap sove kite yon zòn ki sibi inondasyon oswa anba yon lòd evakyasyon.
Severe Thunderstorm Warning	AVÈTISMAN POU GWO TANPET LORAJ an vigè pou zòn sa a pou van DESTRIKTIF a 80 mil alè. Pran abri nan yon bilding ki solid, lwen fenèt yo. Debri k ap Vole ka danjere pou moun ki sezi san abri.
Snow Squall Warning	AVÈTISMAN POU LANÈJ TOUDENKOU an efè pou zòn sa a. Ralanti oswa ranvwaye vwayaj ou! Pare pou yon rediksyon toudenkou nan vizibilite toupre zewo ak wout ki gen glas nan gwo nèj.
Dust Storm Warning	AVÈTISMAN POU TANPÈT POUSYÈ pou zòn sa a. Prepare w pou yon vizibilite ki tonbe a zewo toudenkou. Ale sou kote, rete vivan! Lè vizibilite bese, rale tèt ou byen lwen arebò wout la epi mete machin ou a sou pak. Etenn limyè yo epi retire pye ou sou fren an. Tibebe, granmoun aje yo ak moun ki gen pwoblèm respiratwa ankouraje pou yo pran prekosyon.
Hurricane Warning	YON AVÈTISMAN POU SIKLÒN an efè pou zòn sa a pou van ki danjere e ki ka lakòz domaj. Avètisman sa a bay jiska 36 èdtan anvan kondisyon danjere yo kòmanse. Prese fè efò pou w pwoteje lavi ak pwopriyete. Gen manje, dlo, lajan kach, gaz, ak medikaman pou 3+ jou. SWIV ENSTRIKSYON OFISYÈ LOCAL YO.
Storm Surge Warning	Yon AVÈTISMAN POU TANPÈT AK GWO VAG an efè pou zòn sa a pou danje inondasyon ki menase lavi. Avètisman sa a bay jiska 36 èdtan anvan kondisyon danjere yo kòmanse. Prese fè efò pou w pwoteje lavi ak pwopriyete. Swiv lòd evakyasyon yo si yo bay yo pou zòn sa a, pou evite nwaye oswa koupe de sèvis ijans yo.
Extreme Wind Warning	YON AVÈTISMAN POU VAN EKSTRÈM an efè pou zòn sa a pou danje imedyat van ki menase lavi. Kache kounye a nan yon chanm enteryè nan yon bilding ki solid, lwen fenèt yo. Pwoteje tèt ou kont debri k ap vole. PA soti nan kalm je siklòn la! Van yo pral vin danjere byen vit ankò.

Test Alert	SA SE YON TÈS Sistèm Nasyonal Avètisman San Fil pou Ijans la. Objektif la se kenbe ak amelyore kapasite alèt ak avètisman nan nivo federal, eta, lokal, Tribi ak teritoryal epi evalye kapasite alèt ak avètisman piblik nasyon an. Piblik la pa gen okenn aksyon li oblije pran.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	AVÈTISMAN POU TSUNAMI. Yon seri vag pwisan ak kouran fò ka afekte kòt ki toupre w yo. Ou an danje. Ale lwen dlo kotyè yo. Ale nan tè wo oswa ki andedan kounye a. Rete lwen kòt la jiskaske otorite lokal yo di li an sekirite pou w retounen.
Earthquake Warning	TRANBLEMAN TÈ DETEKTE! Bese, kouvri, kenbe. Pwoteje tèt ou.
Boil Water Advisory	YON KONSÈY POU BOUYI DLO bay pou zòn ou an. Dlo nan kominote w la ka fè w malad. Sèvi ak dlo nan boutèy si sa disponib. Pa bwè, kwit manje, bwose dan ou, oswa netwaye kay ou ak dlo tiyo oswa dlo filtre pa anvan ou bouyi li. Fè dlo a bouyi woule an plen PANDAN TWA MINIT. Si w itilize fòmil pou bay pitit ou manje, sèvi ak fòmil ki pare pou itilize. Asire w ke bèt kay pa bwè dlo ki pa te bouyi. Tcheke medya lokal yo.
911 Outage Alert	AVÈTISMAN PANN 911 nan zòn sa a. Tanpri kontakte lapolis, ponpye, medikal, oswa lòt sèvis ijans dirèkteman nan nimewo telefòn lokal yo nan ka ijans. Si w rele 911, ou ka pa jwenn èd.
Avalanche Warning	AVÈTISMAN POU LAVALAS nan zòn sa a. Nèj ki enstab, an mouvman rapid ka rive byen vit, sa ka lakòz blesi oswa lanmò epi li ka bloke wout ak domaje pwopriyete nan zòn ki afekte yo. KITE zòn sa a. PA retounen nan zòn nan apre evakyasyon an jiskaske otorite lokal yo dirije w. Vwayaje nan tèren lavalas pa rekòmande. Lavalas gendwa kouvri distans ki byen lwen.
Fire Warning	AVÈTISMAN POU DIFE nan zòn sa a. Evakye fanmi w ak bèt kay ou kounye a, pa pran reta. Vizibilite nan zòn nan pral redwi epi wout yo ka vin bloke. Si ou pa kite kounye a, ou ka bloke, blese, oswa mouri. Atann ou a vizibilite ki diminye, gwo lafimen, ak difikilte pou respire. Fè atansyon lè w ap kondwi. Siveye pèsonèl sekirite piblik k ap travay nan zòn nan epi swiv enstriksyon yo.
Hazardous Materials Warning	YON MATERYÈL DANJERE te lage nan zòn ou an. Ekspoze a li ka lakòz difikilte pou respire, pèt kowòdinasyon, sansasyon boule nan je, nen, gòj, oswa poumon, kè plen, e pètèt lanmò. KITE zòn sa a. SI W ap KONDWI pou w evakye zòn nan, kenbe fenèt ak vantilasyon machin yo fèmen. PA retounen nan zòn nan apre evakyasyon an jiskaske otorite lokal yo dirije w.
Evacuation Immediate	EVAKYE IMEDYATMAN. Lòd evakyasyon bay nan zòn ou an. Evakye fanmi w ak bèt kay ou kounye a, pa pran reta. Siveye pèsonèl sekirite piblik k ap travay nan zòn nan epi swiv enstriksyon yo.
Shelter in Place Warning	AVETISMAN POU PRAN ABRI AN PLAS te bay nan zòn ou an. Danje nan zòn ou an. Ale andedan nan yon chanm enteryè, fèmen pòt yo ak fenèt yo, epi rete kote ou ye a. Tcheke medya lokal yo. Rete vijilan epi pran prekosyon.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: IJANS TORNAD nan [LOCATION] jiska [TIME]. Toubiyon detekte nan zòn sa a. Sa a se yon sitiyasyon ki menase lavi. Pran abri kounye a nan yon sousòl oswa yon chanm enteryè nan etaj ki pi ba a nan yon bilding ki solid. Si w deyò, nan yon kay mobil, oswa nan yon machin, ale nan abri sibstansyèl ki pi pre a epi pwoteje tèt ou kont debri k ap vole. Tcheke medya yo. [URL]
Flash Flood Warning	[SENDING AGENCY]: YON IJANS INONDASYON RAPID an vigè pou [LOCATION] jiska [TIME]. Sa a se yon sitiyasyon trè danjere e ki menase lavi. Pa eseye vwayaje sof si w ap sove kite yon zòn ki sibi inondasyon oswa anba yon lòd evakyasyon. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: AVÈTISMAN POU GWO TANPÈT AK LORAJ an vigè pou [LOCATION] jiska [TIME] pou Van DESTRUKTIF a 80 mil alè. Pran abri nan yon bilding ki solid, lwen fenèt yo. Debri ki ap vole yo ka trè danjere pou moun ki sezi san abri. [URL]
Snow Squall Warning	[SENDING AGENCY]: Avètisman pou Lanèj Toudenkou pou [LOCATION] jiska [TIME]. Ralanti oswa ranvwaye vwayaj ou! Pare pou yon rediksyon toudenkou nan vizibilite toupre zewo ak wout ki gen glas pandan gwo nèj. [URL]
Dust Storm Warning	[SENDING AGENCY]: AVETISMAN POU TANPÈT POUSYÈ for [LOCATION] jiska [TIME]. Prepare w pou yon vizibilite ki tonbe a zewo toudenkou. Ale sou kote, rete vivan! Lè vizibilite bese, rale tèt ou byen lwen arebò wout la epi mete machin ou a sou pak. Etenn limyè yo epi retire pye ou sou fren an. Tibebe, granmoun aje yo ak moun ki gen pwoblèm respiratwa ankouraje pou yo pran prekosyon. [URL]
Hurricane Warning	[SENDING AGENCY]: YON AVÈTISMAN POU SIKLÒN an efè pou [LOCATION] pou van ki danjere e ki ka lakòz domaj an efè jiska [TIME]. Avètisman sa a bay jiska 36 èdtan anvan kondisyon danjere yo kòmanse. Prese fè efò pou w pwoteje lavi ak pwopriyete. Gen manje, dlo, lajan kach, gaz, ak medikaman pou 3+ jou. SWIV ENSTRIKSYON OFISYÈ LOCAL YO. [URL]
Storm Surge Warning	[SENDING AGENCY]: YON AVÈTISMAN TANPÈT AK GWO VAG an vigè pou [LOCATION] pou danje inondasyon ki menase lavi jiska [TIME]. Avètisman sa a bay jiska 36 èdtan anvan kondisyon danjere yo kòmanse. Prese fè efò pou w pwoteje lavi ak pwopriyete. Swiv lòd evakyasyon yo si yo bay yo pou zòn sa a, pou evite nwaye oswa koupe de sèvis ijans yo. [URL]
Extreme Wind Warning	[SENDING AGENCY]: Yon AVÈTISMAN POU VAN EKTRÈM an vigè pou [LOCATION] pou danje imedyat van ki menase lavi jiska [TIME]. Kache kounye a nan yon chanm enteryè nan yon bilding ki solid, lwen fenèt yo. Pwoteje tèt ou kont debri k ap vole. PA soti nan kalm je siklòn la! Van yo pral pral danjere byen vit ankò. [URL]
Test Alert	SA SE YON TÈS Sistèm Nasyonal Avètisman San Fil pou Ijans la [SENDING AGENCY]. Objektif la se kenbe ak amelyore kapasite alèt ak avètisman nan nivo federal, eta, lokal, Tribi ak teritoryal epi evalye kapasite alèt ak avètisman piblik nasyon an. Piblik la pa gen okenn aksyon li oblije pran. [URL]
MOST TIME-SENSITIVE ALERTS	

Tsunami Warning	[SENDING AGENCY]: AVÈTISMAN POU TSUNAMI pou [LOCATION] an vigè jiska [TIME]. Yon seri vag pwisan ak kouran fò ka afekte kòt ki toupre w yo. Ou an danje. Ale lwen dlo kotyè yo. Ale nan tè wo oswa ki andedan kounye a. Rete lwen kòt la jiskaske otorite lokal yo di li an sekirite pou w retounen. [URL]
Earthquake Warning	TRANBLEMANNTÈ DETEKTE! Bese, kouvri, kenbe. Pwoteje tèt ou. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: YON KONSÈY POU BOUYI DLO bay pou [LOCATION] an vigè jiska [TIME]. Dlo nan kominote w la ka fè w malad. Sèvi ak dlo nan boutèy si sa disponib. Pa bwè, kwit manje, bwose dan ou, oswa netwaye kay ou ak dlo tiyo oswa dlo filtre pa anvan ou bouyi li. Fè dlo a bouyi woule an plen PANDAN TWA MINIT. Si w itilize fòmil pou bay pitit ou manje, sèvi ak fòmil ki pare pou itilize. Asire w ke bèt kay pa bwè dlo ki pa te bouyi. Tcheke medya lokal yo. [URL]
911 Outage Alert	[SENDING AGENCY]: AVÈTISMAN PANN 911 nan [LOCATION] an vigè jiska [TIME]. Tanpri kontakte lapolis, ponpye, medikal, oswa lòt sèvis ijans dirèkteman nan nimewo telefòn lokal yo nan ka ijans. Si w rele 911, ou ka pa jwenn èd. [URL]
Avalanche Warning	[SENDING AGENCY]: AVÈTISMAN POU LAVALAS nan [LOCATION] an vigè jiska [TIME]. Nèj ki enstab, an mouvman rapid ka rive byen vit, sa ka lakòz blesi oswa lanmò epi li ka bloke wout ak domaje pwopriyete nan zòn ki afekte yo. KITE zòn ki toupre [LOCATION]. PA retounen nan zòn nan apre evakyasyon an jiskaske otorite lokal yo dirije w. Vwayaje nan tèren lavalas pa rekòmande. Lavalas gendwa kouvri distans ki byen lwen. [URL]
Fire Warning	[SENDING AGENCY] AVÈTISMAN POU DIFE nan [LOCATION] an vigè jiska [TIME]. Evakye fanmi w ak bèt kay ou kounye a, pa pran reta. Vizibilite nan zòn nan pral redwi epi wout yo ka vin bloke. Si ou pa kite kounye a, ou ka bloke, blese, oswa mouri. KITE zòn ki toupre [LOCATION]. Atann ou a vizibilite ki diminye, gwo lafimen, ak difikilte pou respire. Fè atansyon lè w ap kondwi. Siveye pèsonèl sekirite piblik k ap travay nan zòn nan epi swiv enstriksyon yo. [URL]
Hazardous Materials Warning	[SENDING AGENCY] : YON MATERYÈL DANJERE te lage a [TIME] nan [LOCATION]. Ekspoze a li ka lakòz difikilte pou respire, pèt kowòdinasyon, sansasyon boule nan je, nen, gòj, oswa poumon, kè plen, e pètèt lanmò. KITE zòn ki toupre [LOCATION]. SI W ap KONDWI pou w evakye zòn nan, kenbe fenèt ak vantilasyon machin yo fèmen. PA retounen nan zòn nan apre evakyasyon an jiskaske otorite lokal yo dirije w. [URL]
Evacuation Immediate	[SENDING AGENCY] te bay yon Lòd evakyasyon pou [LOCATION] ki an vigè jiska [TIME]. Evakye fanmi w ak bèt kay ou kounye a, pa pran reta. Siveye pèsonèl sekirite piblik k ap travay nan zòn nan epi swiv enstriksyon yo. [URL]
Shelter in Place Warning	[SENDING AGENCY] te bay yon Lòd POU [LOCATION] PRAN ABRI AN PLAS ki an vigè jiska. Danje nan zòn ou an. Ale andedan nan yon chanm enteryè, fèmen pòt yo ak fenèt yo, epi rete kote ou ye a. Rete vijilan epi pran prekosyon. [URL]

HINDI TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	तूफान से संबंधित आपात स्थिति। इस इलाके में तूफान देखा गया है। यह जान को जोखिम में डालने वाली स्थिति है। अभी किसी तहखाने में या फिर किसी मज़बूत इमारत की सबसे नीचे वाली मंज़िल के अंदरूनी कमरे में आश्रय लें। अगर आप बाहर हैं, किसी मोबाइल घर में हैं या वाहन में हैं, तो सबसे करीबी मजबूत आश्रय स्थान पर जाएं और खुद को उड़ते हुए मलबे से सुरक्षित रखें। मीडिया जाँचें।
Flash Flood Warning	इस इलाके में एक आकस्मिक बाढ़ संबंधी आपात स्थिति है। यह एक अत्यधिक खतरनाक और जान को जोखिम में डालने वाली स्थिति है। आप बाढ़ग्रस्त इलाके से भाग रहे हों या स्थान को खाली करने के आदेश के अधीन हों, इसके अलावा कोई और यात्रा करने की कोशिश न करें।
Severe Thunderstorm Warning	इस इलाके के लिए बादल के गरजने के साथ आँधी और बरसात की गंभीर चेतावनी प्रभावी है, जिसमें 80 मील प्रति घंटा की गति वाली विनाशकारी हवा भी चलेगी। किसी मज़बूत इमारत में खिड़कियों से दूर आश्रय लें। बिना आश्रय के फँसे हुए लोगों के लिए उड़ता हुआ मलबा जानलेवा हो सकता है।
Snow Squall Warning	इस इलाके में बर्फबारी की चेतावनी जारी की गई है। धीरे चलें या बाद में यात्रा करें! भारी बर्फबारी के साथ अचानक दृश्यता शून्य होने, बर्फ से ढंकी सड़कों के लिए तैयार रहें।
Dust Storm Warning	इस इलाके में धूल के तूफान की चेतावनी। दृश्यता अचानक शून्य हो जाने के लिए तैयार रहें। सड़क के किनारे पर रुक जाएं, जीवित रहें! जब दृश्यता कम हो जाए, तो सड़क से दूर होकर रुक जाएं और अपने वाहन को पार्क में लगा दें। बत्तियाँ बुझा दें और अपना पैर ब्रेक से दूर रखें। शिशुओं, वरिष्ठ नागरिकों और श्वसन संबंधी समस्याओं वाले लोगों से एहतियात बरतने का आग्रह किया जाता है।
Hurricane Warning	इस इलाके में खतरनाक और हानिकारक हवाओं वाले हरिकेन की चेतावनी प्रभावी है। यह चेतावनी खतरनाक परिस्थितियाँ शुरू होने के 36 घंटे पहले जारी की जाती है। जीवन और संपत्ति की सुरक्षा के तत्काल पूरे प्रयास करें। 3+ दिनों के लिए भोजन, पानी, नकदी, ईंधन और दवाइयाँ रखें। स्थानीय अधिकारियों के निर्देशों का पालन करें।
Storm Surge Warning	इस इलाके में जानलेवा बाढ़ के खतरे के लिए तूफान में तेज़ी की चेतावनी प्रभावी है। यह चेतावनी खतरनाक परिस्थितियाँ शुरू होने के 36 घंटे पहले जारी की जाती है। जीवन और संपत्ति की सुरक्षा के तत्काल पूरे प्रयास करें। अगर इस इलाके को खाली करने के आदेश दिए जाएं, तो डूबने या आपात सेवाओं से कट जाने से बचने के लिए उनका पालन करें।
Extreme Wind Warning	इस इलाके में जानलेवा हवा के खतरे के लिए अत्यधिक तेज़ हवा की चेतावनी प्रभावी है। अभी किसी मज़बूत इमारत के अंदरूनी कमरे में खिड़कियों से दूर आश्रय लें। उड़ते हुए मलबे से अपने सिर को बचाएं। हरिकेन के केंद्र की शांति में बाहर न जाएं! हवाएं फिर से तेज़ी से खतरनाक हो जाएंगी।
Test Alert	यह राष्ट्रीय वायरलेस आपात स्थिति अलर्ट प्रणाली का परीक्षण है। इसका उद्देश्य संघीय, राज्य, स्थानीय, जनजातीय और क्षेत्रीय स्तरों पर अलर्ट और चेतावनी क्षमताओं को बनाए रखना और बेहतर बनाना है और साथ ही राष्ट्र की सार्वजनिक अलर्ट और चेतावनी क्षमताओं का मूल्यांकन करना है। आम जनता को कोई कार्रवाई करने की ज़रूरत नहीं है।
MOST TIME-SENSITIVE ALERTS	

Tsunami Warning	सुनामी की चेतावनी। आपके करीब के समुद्र के किनारे कई शक्तिशाली लहरों और तेज़ प्रवाह से प्रभावित हो सकते हैं। आप खतरे में हैं। तटीय पानी से दूर हट जाएं। अभी ऊँचे स्थान पर या समुद्र से दूर चले जाएं। जब तक स्थानीय अधिकारी यह न कहें कि लौटना सुरक्षित है, समुद्र तट से दूर रहें।
Earthquake Warning	भूकंप का पता चला है! नीचे झुक जाएं, कवर लें, वहीं रुके रहे। खुद की सुरक्षा करें।
Boil Water Advisory	आपके इलाके के लिए पानी उबालकर पीने का अलर्ट जारी किया गया है। आपके समुदाय में उपलब्ध पानी आपको बीमार कर सकता है। उपलब्ध होने पर बोतलबंद पानी का इस्तेमाल करें। अपने घर में नल के या फ़िल्टर किए गए पानी को बिना उबाले न पिएं, उससे खाना न पकाएं, ब्रश न करें या अपना घर साफ़ न करें। पानी को तीन मिनट तक अच्छी तरह से उबालें। उपयोग करने से पहले पानी को ठंडा होने दें। उबाला न गया हो ऐसे पानी से बनी बर्फ को इस्तेमाल न करें। अगर आप अपने बच्चे को फार्मूला खिलाते हैं, तो इसके लिए उपयोग के लिए तैयार फार्मूल इस्तेमाल करें। सुनिश्चित करें कि पालतू जानवर उबाला न गया हो ऐसा पानी न पिएं। स्थानीय मीडिया जाँचें।
911 Outage Alert	इस इलाके में 911 सेवा में अवरोध का अलर्ट। आपात स्थिति होने पर कृपया पुलिस, दमकल, चिकित्सा या अन्य आपात सेवाओं से सीधे उनके स्थानीय फ़ोन नंबर पर संपर्क करें। अगर आप 911 डायल करें, तो हो सकता है कि आपको मदद न मिले।
Avalanche Warning	इस इलाके में हिमस्खलन की चेतावनी जारी की गई है। अस्थिर, तेज़ी से गतिशील बर्फ की चट्टान कभी भी गिर सकती है, और इससे चोट या मृत्यु हो सकती है, सड़कें अवरुद्ध हो सकती हैं और प्रभावित क्षेत्रों में संपत्ति को नुकसान पहुँच सकता है। इस क्षेत्र को छोड़ दें। खाली करने के बाद, स्थानीय अधिकारियों से निर्देश मिलने तक इस इलाके में न लौटें। हिमस्खलन वाले इलाके में यात्रा न करने की सलाह दी जाती है। हिमस्खलन लंबी दूरी तक हो सकता है।
Fire Warning	इस इलाके में आग की चेतावनी जारी की गई है। अपने परिवार और पालतू जानवरों को अभी किसी और स्थान पर ले जाएं, देर न करें। इलाके में दृश्यता कम होगी और सड़कें अवरुद्ध हो सकती हैं। अगर आप अभी नहीं जाते हैं, तो आप फंस सकते हैं, आपको चोट लग सकती है या आपकी जान जा सकती है। कम दृश्यता, भारी धुएं और साँस लेने में मुश्किल की अपेक्षा करें। वाहन चलाते वक्त सावधान रहें। इलाके में कार्यरत सार्वजनिक सुरक्षा कर्मियों को खोजते रहें और उनके निर्देशों का पालन करें।
Hazardous Materials Warning	आपके इलाके में कोई खतरनाक सामग्री रिलीज़ हुई है। इसके संपर्क में आने से साँस लेने में परेशानी, समन्वय खोना, आँखों, नाक, गले या फेफड़ों में जलने की अनुभूति, मतली और संभवतः मृत्यु हो सकती है। इस क्षेत्र को छोड़ दें। अगर इलाके को खाली करने के लिए वाहन चला रहे हों, तो गाड़ी की खिड़कियाँ और वेंट बंद रखें। खाली करने के बाद, स्थानीय अधिकारियों से निर्देश मिलने तक इस इलाके में न लौटें।
Evacuation Immediate	तत्काल स्थान खाली करें। आपके इलाके में स्थान को खाली करने का आदेश जारी किया गया है। अपने परिवार और पालतू जानवरों को अभी किसी और स्थान पर ले जाएं, देर न करें। इलाके में कार्यरत सार्वजनिक सुरक्षा कर्मियों को खोजते रहें और उनके निर्देशों का पालन करें।
Shelter in Place Warning	आपके इलाके में स्थान पर ही शरण लेने की चेतावनी जारी की गई है। आपके इलाके में खतरा है। किसी अंदरूनी कमरे में चले जाएं, खिड़कियां और दरवाज़े बंद कर लें और जहाँ हैं वहीं रहें। स्थानीय मीडिया जाँचें। सतर्क रहें और सावधानी बरतें।

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक तूफान संबंधी आपात स्थिति है। इस इलाके में तफान देखा गया है। यह जान को जोखिम में डालने वाली स्थिति है। अभी किसी तहखाने में या फिर किसी

	मज़बूत इमारत की सबसे नीचे वाली मंज़िल के अंदरूनी कमरे में आश्रय लें। अगर आप बाहर हैं, किसी मोबाइल घर में हैं या वाहन में हैं, तो सबसे करीबी मजबूत आश्रय स्थान पर जाएं और खुद को उड़ते हुए मलबे से सुरक्षित रखें।मीडिया जाँचें। [URL]
Flash Flood Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक एक आकस्मिक बाढ़ की आपात स्थिति की चेतावनी प्रभावी है। यह एक अत्यधिक खतरनाक और जान को जोखिम में डालने वाली स्थिति है। आप बाढ़ग्रस्त इलाके से भाग रहे हों या स्थान को खाली करने के आदेश के अधीन हों, इसके अलावा कोई और यात्रा करने की कोशिश न करें। [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक बादल के गरजने के साथ आँधी और बरसात की गंभीर चेतावनी प्रभावी है, जिसमें 80 मील प्रति घंटा की गति वाली विनाशकारी हवा भी चलेगी। किसी मज़बूत इमारत में खिड़कियों से दूर आश्रय लें। बिना आश्रय के फँसे हुए लोगों के लिए उड़ता हुआ मलबा जानलेवा हो सकता है। [URL]
Snow Squall Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक बर्फबारी की चेतावनी। धीरे चलें या बाद में यात्रा करें! भारी बर्फबारी के साथ अचानक दृश्यता शून्य होने, बर्फ से ढंकी सड़कों के लिए तैयार रहें। [URL]
Dust Storm Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक धूल के तूफान की चेतावनी। दृश्यता अचानक शून्य हो जाने के लिए तैयार रहें। सड़क के किनारे पर रुक जाएं, जीवित रहें! जब दृश्यता कम हो जाए, तो सड़क से दूर होकर रुक जाएं और अपने वाहन को पार्क में लगा दें। बत्तियाँ बुझा दें और अपना पैर ब्रेक से दूर रखें। शिशुओं, वरिष्ठ नागरिकों और श्वसन संबंधी समस्याओं वाले लोगों से एहतियात बरतने का आग्रह किया जाता है। [URL]
Hurricane Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक खतरनाक और हानिकारक हवाओं के लिए हरिकेन की चेतावनी जारी की गई है। यह चेतावनी खतरनाक परिस्थितियाँ शुरू होने के 36 घंटे पहले जारी की जाती है। जीवन और संपत्ति की सुरक्षा के तत्काल पूरे प्रयास करें। 3+ दिनों के लिए भोजन, पानी, नकदी, ईंधन और दवाइयाँ रखें। स्थानीय अधिकारियों के निर्देशों का पालन करें। [URL]
Storm Surge Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक जानलेवा बाढ़ के खतरे के लिए तूफान में तेज़ी की चेतावनी प्रभावी है। यह चेतावनी खतरनाक परिस्थितियाँ शुरू होने के 36 घंटे पहले जारी की जाती है। जीवन और संपत्ति की सुरक्षा के तत्काल पूरे प्रयास करें। अगर इस इलाके को खाली करने के आदेश दिए जाएं, तो डूबने या आपात सेवाओं से कट जाने से बचने के लिए उनका पालन करें। [URL]
Extreme Wind Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक जानलेवा हवा के खतरे के लिए अत्यधिक तेज़ हवा की चेतावनी प्रभावी है। अभी किसी मज़बूत इमारत के अंदरूनी कमरे में खिड़कियों से दूर आश्रय लें। उड़ते हुए मलबे से अपने सिर को बचाएं। हरिकेन के केंद्र की शांति में बाहर न जाएं! हवाएं फिर से तेज़ी से खतरनाक हो जाएंगी। [URL]
Test Alert	यह [SENDING AGENCY] के द्वारा भेजा गया राष्ट्रीय वायरलेस आपात स्थिति अलर्ट प्रणाली का परीक्षण है। इसका उद्देश्य संघीय, राज्य, स्थानीय, जनजातीय और क्षेत्रीय स्तरों पर अलर्ट और चेतावनी क्षमताओं को बनाए रखना और बेहतर बनाना है और साथ ही राष्ट्र की सार्वजनिक अलर्ट और चेतावनी क्षमताओं का मूल्यांकन करना है। आम जनता को कोई कार्रवाई करने की ज़रूरत नहीं है। [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक सुनामी की चेतावनी प्रभावी है। आपके करीब के समुद्र के किनारे कई शक्तिशाली लहरों और तेज़ प्रवाह से प्रभावित हो सकते हैं। आप खतरे में हैं। तटीय पानी से दूर हट जाएं। अभी ऊँचे स्थान पर या समुद्र से दूर चले जाएं। जब तक स्थानीय अधिकारी यह न कहें कि लौटना सुरक्षित है, समुद्र तट से दूर रहें। [URL]
Earthquake Warning	भूकंप का पता चला है! नीचे झुक जाएं, कवर लें, वहीं रुके रहे। खुद की सुरक्षा करें। [SENDING AGENCY] [URL]

Boil Water Advisory	[SENDING AGENCY]: [LOCATION] के लिए जारी किया गया पानी उबालकर पीने का अलर्ट [TIME] तक प्रभावी है। आपके समुदाय में उपलब्ध पानी आपको बीमार कर सकता है। उपलब्ध होने पर बोतलबंद पानी का इस्तेमाल करें। अपने घर में नल के या फ़िल्टर किए गए पानी को बिना उबाले न पिएं, उससे खाना न पकाएं, ब्रश न करें या अपना घर साफ़ न करें। पानी को तीन मिनट तक अच्छी तरह से उबालें। उपयोग करने से पहले पानी को ठंडा होने दें। उबाला न गया हो ऐसे पानी से बनी बर्फ को इस्तेमाल न करें। अगर आप अपने बच्चे को फार्मूला खिलाते हैं, तो इसके लिए उपयोग के लिए तैयार फार्मूल इस्तेमाल करें। सुनिश्चित करें कि पालतू जानवर उबाला न गया हो ऐसा पानी न पिएं। [URL]
911 Outage Alert	[SENDING AGENCY]: [LOCATION] में [TIME] तक 911 सेवा में अवरोध संबंधी अलर्ट। आपात स्थिति होने पर कृपया पुलिस, दमकल, चिकित्सा या अन्य आपात सेवाओं से सीधे उनके स्थानीय फ़ोन नंबर पर संपर्क करें। अगर आप 911 डायल करें, तो हो सकता है कि आपको मदद न मिले। [URL]
Avalanche Warning	[SENDING AGENCY]: [LOCATION] में [TIME] तक हिमस्खलन की चेतावनी प्रभावी है। अस्थिर, तेज़ी से गतिशील बर्फ की चट्टान कभी भी गिर सकती है, और इससे चोट या मृत्यु हो सकती है, सड़कें अवरुद्ध हो सकती हैं और प्रभावित क्षेत्रों में संपत्ति को नुकसान पहुँच सकता है। [LOCATION] के नज़दीक के इलाके छोड़ दें। खाली करने के बाद, स्थानीय अधिकारियों से निर्देश मिलने तक इस इलाके में न लौटें। हिमस्खलन वाले इलाके में यात्रा न करने की सलाह दी जाती है। हिमस्खलन लंबी दूरी तक हो सकता है। [URL]
Fire Warning	[SENDING AGENCY] [LOCATION] में आग की चेतावनी [TIME] तक प्रभावी है। अपने परिवार और पालतू जानवरों को अभी किसी और स्थान पर ले जाएं, देर न करें। इलाके में दृश्यता कम होगी और सड़कें अवरुद्ध हो सकती हैं। अगर आप अभी नहीं जाते हैं, तो आप फंस सकते हैं, आपको चोट लग सकती है या आपकी जान जा सकती है। [LOCATION] के नज़दीक के इलाके छोड़ दें। कम दृश्यता, भारी धुएं और साँस लेने में मुश्किल की अपेक्षा करें। वाहन चलाते वक्त सावधान रहें। इलाके में कार्यरत सार्वजनिक सुरक्षा कर्मियों को खोजते रहें और उनके निर्देशों का पालन करें। [URL]
Hazardous Materials Warning	[SENDING AGENCY]: [LOCATION] में [TIME] को एक खतरनाक सामग्री रिलीज़ हुई है। इसके संपर्क में आने से साँस लेने में परेशानी, समन्वय खोना, आँखों, नाक, गले या फेफड़ों में जलने की अनुभूति, मतली और संभवतः मृत्यु हो सकती है। [LOCATION] के नज़दीक के इलाके छोड़ दें। अगर इलाके को खाली करने के लिए वाहन चला रहे हों, तो गाड़ी की खिड़कियाँ और वेंट बंद रखें। खाली करने के बाद, स्थानीय अधिकारियों से निर्देश मिलने तक इस इलाके में न लौटें। [URL]
Evacuation Immediate	[SENDING AGENCY] ने [LOCATION] के लिए स्थान खाली करने का आदेश जारी किया गया है, जो कि [TIME] तक प्रभावी है। अपने परिवार और पालतू जानवरों को अभी किसी और स्थान पर ले जाएं, देर न करें। इलाके में कार्यरत सार्वजनिक सुरक्षा कर्मियों को खोजते रहें और उनके निर्देशों का पालन करें। [URL]
Shelter in Place Warning	[SENDING AGENCY] ने [LOCATION] के लिए स्थान पर ही शरण लेने की चेतावनी जारी की गई है, जो कि [TIME] तक प्रभावी है। आपके इलाके में खतरा है। किसी अंदरूनी कमरे में चले जाएं, खिड़कियां और दरवाज़े बंद कर लें और जहाँ हैं वहीं रहें। सतर्क रहें और सावधानी बरतें। [URL]

ITALIAN TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	EMERGENZA TORNADO. Tornado avvistato in zona. Questo evento rappresenta un pericolo per la vita. Si esortano gli utenti a mettersi al riparo in un seminterrato o in una stanza cieca al piano più basso di un edificio resistente. Chi si trova all'aperto, in una casa mobile o in un veicolo, deve mettersi al riparo in una struttura adeguata più vicina e proteggersi dai detriti volanti. Tenersi sempre aggiornati sui mezzi di comunicazione.
Flash Flood Warning	EMERGENZA ALLUVIONE IMMEDIATA in vigore per quest'area. Si tratta di una situazione estremamente pericolosa, anche per la vita. Si esortano gli utenti a non mettersi in viaggio a meno che non ci si stia allontanando da un'area soggetta ad inondazioni o ad un ordine di evacuazione.
Severe Thunderstorm Warning	AVVISO DI FORTI TEMPORALI in vigore per quest'area, caratterizzati da VIOLENTE raffiche di vento che potrebbero raggiungere quasi 130 chilometri (80 miglia) all'ora. Ripararsi in un edificio resistente e lontano dalle finestre. I detriti volanti potrebbero causare danni letali a coloro che si trovano all'aperto.
Snow Squall Warning	AVVISO BUFERA DI NEVE in vigore per quest'area. Si esortano gli utenti che si trovano in viaggio di rallentare o di posticipare il viaggio! Gli utenti devono tenersi pronti a possibili perdite improvvise di visibilità, anche pressoché totale, e alla presenza di ghiaccio sul manto stradale in caso di forti nevicate.
Dust Storm Warning	AVVISO DI TEMPESTA DI SABBIA in questa zona. Tenersi pronti ad un improvviso calo di visibilità fino a zero. Si esortano i guidatori di accostarsi per tenersi in sicurezza! Quando la visibilità diminuisce, accostarsi e parcheggiare il proprio veicolo. Spegnere le luci e tenere il piede lontano dal pedale del freno. Neonati, anziani e persone con patologie espiratori sono invitati a prendere precauzioni.
Hurricane Warning	In quest'area è in vigore un'ALLARME URAGANO con venti pericolosi e dannosi. Il presente avviso viene emesso fino a 36 ore prima che si verifichino condizioni pericolose. Si esortano gli utenti ad affrettarsi a fare i dovuti preparativi per proteggere la vita e le proprietà. Avere a disposizione cibo, acqua, contanti, carburante e farmaci per più di 3 giorni. SEGUIRE LE ISTRUZIONI FORNITE DAI FUNZIONARI LOCALI.

Storm Surge Warning	In quest'area è in vigore un'AVVISO DI MAREGGIATA con pericolo di inondazioni potenzialmente letali. Il presente avviso viene emesso fino a 36 ore prima che si verifichino condizioni pericolose. Si esortano gli utenti ad affrettarsi a fare i dovuti preparativi per proteggere la vita e le proprietà. Seguire gli ordini di evacuazione applicabili a quest'area, per evitare di annegare o di non poter fare uso dei servizi di emergenza.
Extreme Wind Warning	In quest'area è in vigore un' AVVISO DI VENTO ESTREMO con pericolo immediato di raffiche di vento potenzialmente letali. Mettersi al riparo in QUESTO MOMENTO in una stanza cieca di un edificio resistente e lontano dalle finestre. Proteggersi da eventuali detriti volanti. NON recarsi all'aperto durante periodi di calma nel corso dell'uragano! Raffiche di vento si verificano all'improvviso anche dopo periodi di calma.
Test Alert	QUESTO È UN TEST condotto dal Sistema nazionale di allarme di emergenza wireless. Lo scopo è quello di mantenere e migliorare le capacità di allerta e di allarme a livello federale, statale, locale, tribale e territoriale, e di valutare le capacità di allerta e di allarme pubblico della nazione. Non è richiesta alcuna azione da parte del pubblico.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	ALLARME TSUNAMI. Una serie di onde alte e forti correnti possono colpire le coste vicino alla tua zone. Chi vive in questa zona si trova in pericolo. Allontanarsi dalla costa. Spostarsi in questo momento su un'altura o nell'entroterra. Tenersi lontani dalla costa finché le autorità locali non avranno dichiarato che è sicuro rientrare in zona.
Earthquake Warning	RILEVATO TERREMOTO! Allungarsi sul pavimento, coprirsi e restare sul posto. Tenersi al sicuro.
Boil Water Advisory	AVVISO DI BOLLITURA DELL'ACQUA emesso per la tua zona. L'acqua nella tua comunità potrebbe causare problemi di salute. Se disponibile, utilizzare acqua in bottiglia. Non bere, cucinare, lavarsi i denti o fare pulizie con acqua del rubinetto o filtrata finché non sia stata bollita. Portare l'acqua ad ebollizione completa per TRE MINUTI. Lasciare raffreddare l'acqua prima dell'uso. Non utilizzare ghiaccio prodotto con acqua non bollita. Chi fa uso di latte artificiale per nutrire neonati deve utilizzare latte artificiale pronto all'uso. Assicurarsi che gli animali domestici non bevano acqua che non sia stata bollita. Tenersi sempre aggiornati sui mezzi di comunicazione locali.
911 Outage Alert	AVVISO DI INTERRUZIONE del servizio 911 in quest'area. In caso di emergenza, contattare la Polizia, i Vigili del Fuoco, i servizi medici o altri servizi di emergenza direttamente ai numeri di telefono locali. Il 911 potrebbe non essere disponibile in caso di emergenza.
Avalanche Warning	ALLARME VALANGE in questa zona. La neve instabile potrebbe mettersi rapidamente in movimento, causando lesioni o morte, bloccando strade e danneggiando proprietà nelle aree colpite. ALLONTANARSI da questa zona. NON ritornare nell'area

	finché non siano i funzionari locali ad emettere il permesso di rientro. Si sconsiglia di transitare su terreni soggetti a valanghe. Le valanghe possono attraversare anche lunghe distanze.
Fire Warning	AVVISO INCENDIO in questa zona. Abbandonare immediatamente l'area con la propria famiglia ed eventuali animali domestici, non attardarsi. La visibilità nell'area sarà ridotta e le strade potrebbero essere bloccate. Chi si attarda ad evacuare potrebbe restare intrappolato, ferito o perire. Aspettarsi di incontrare visibilità ridotta, fumo pesante e difficoltà respiratorie. Fare attenzione durante la guida. Prestare attenzione al personale di pubblica sicurezza che opera nella zona e seguire le loro istruzioni.
Hazardous Materials Warning	Si è verificata una fuoriuscita di MATERIALI PERICOLOSI nella tua zona. L'esposizione può causare difficoltà di respirazione, perdita di coordinazione, sensazione di bruciore agli occhi, al naso, alla gola o ai polmoni, nausea e possibilmente il decesso. ALLONTANARSI da questa zona. CHI SI METTE ALLA GUIDA per evacuare l'area deve tenere chiusi i finestrini e le prese d'aria dell'auto. NON ritornare nell'area finché non siano i funzionari locali ad emettere il permesso di rientro.
Evacuation Immediate	EVACUARE IMMEDIATAMENTE. Ordine di evacuazione emesso nella tua zona. Abbandonare immediatamente l'area con la propria famiglia ed eventuali animali domestici, non attardarsi. Prestare attenzione al personale di pubblica sicurezza che opera nella zona e seguire le loro istruzioni.
Shelter in Place Warning	AVVISO DI TENERSI AL CHIUSO emesso nella tua zona. Pericolo nella tua zona. Spostarsi in una stanza cieca, chiudere porte e finestre e restare sul posto. Tenersi sempre aggiornati sui mezzi di comunicazione locali. Prestare attenzione e agire con cautela.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: EMERGENZA TORNADO in [LOCATION] fino alle [TIME]. Tornado avvistato in zona. Questo evento rappresenta un pericolo per la vita. Si esortano gli utenti a mettersi al riparo in un seminterrato o in una stanza cieca al piano più basso di un edificio resistente. Chi si trova all'aperto, in una casa mobile o in un veicolo, deve mettersi al riparo in una struttura adeguata più vicina e proteggersi dai detriti volanti. Tenersi sempre aggiornati sui mezzi di comunicazione. [URL]
Flash Flood Warning	[SENDING AGENCY]: EMERGENZA ALLUVIONE IMMEDIATA in vigore per [LOCATION] fino alle [TIME]. Si tratta di una situazione estremamente pericolosa, anche per la vita. Si esortano gli utenti a non mettersi in viaggio a meno che non ci si

	stia allontanando da un'area soggetta ad inondazioni o ad un ordine di evacuazione. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: AVVISO DI FORTI TEMPORALI in vigore per [LOCATION] fino alle [TIME] caratterizzati da VIOLENTE raffiche di vento che potrebbero raggiungere quasi 130 chilometri (80 miglia) all'ora. Ripararsi in un edificio resistente e lontano dalle finestre. I detriti volanti potrebbero causare danni letali a coloro che si trovano all'aperto. [URL]
Snow Squall Warning	[SENDING AGENCY]: Allarme tempesta di neve per [LOCATION] fino alle [TIME]. Si esortano gli utenti che si trovano in viaggio di rallentare o di posticipare il viaggio! Gli utenti devono tenersi pronti a possibili perdite improvvise di visibilità, anche pressoché totale, e alla presenza di ghiaccio sul manto stradale in caso di forti nevicate. [URL]
Dust Storm Warning	[SENDING AGENCY]: AVVISO DI TEMPESTA DI SABBIA per [LOCATION] fino alle [TIME]. Tenersi pronti ad un improvviso calo di visibilità fino a zero. Si esortano i guidatori di accostarsi per tenersi in sicurezza! Quando la visibilità diminuisce, accostarsi e parcheggiare il proprio veicolo. Spegnere le luci e tenere il piede lontano dal pedale del freno. Neonati, anziani e persone con patologie espiratori sono invitati a prendere precauzioni. [URL]
Hurricane Warning	[SENDING AGENCY]: È in vigore un'ALLARME URAGANO per [LOCATION] con venti pericolosi e dannosi fino alle [TIME]. Il presente avviso viene emesso fino a 36 ore prima che si verifichino condizioni pericolose. Si esortano gli utenti ad affrettarsi a fare i dovuti preparativi per proteggere la vita e le proprietà. Avere a disposizione cibo, acqua, contanti, carburante e farmaci per più di 3 giorni. SEGUIRE LE ISTRUZIONI FORNITE DAI FUNZIONARI LOCALI. [URL]
Storm Surge Warning	[SENDING AGENCY]: È in vigore un'AVVISO DI MAREGGIATA per [LOCATION] con pericolo di inondazioni potenzialmente letali fino alle [TIME]. Il presente avviso viene emesso fino a 36 ore prima che si verifichino condizioni pericolose. Si esortano gli utenti ad affrettarsi a fare i dovuti preparativi per proteggere la vita e le proprietà. Seguire gli ordini di evacuazione applicabili a quest'area, per evitare di annegare o di non poter fare uso dei servizi di emergenza. [URL]
Extreme Wind Warning	[SENDING AGENCY]: È in vigore un' AVVISO DI VENTO ESTREMO per [LOCATION] con pericolo immediato di raffiche di vento potenzialmente letali fino alle [TIME]. Mettersi al riparo in QUESTO MOMENTO in una stanza cieca di un edificio resistente e lontano dalle finestre. Proteggersi da eventuali detriti volanti. NON recarsi all'aperto durante periodi di calma nel corso dell'uragano! Raffiche di vento si verificano all'improvviso anche dopo periodi di calma. [URL]
Test Alert	QUESTO È UN TEST condotto dal Sistema nazionale di allarme di emergenza wireless emesso da [SENDING AGENCY]. Lo scopo è quello di mantenere e migliorare le

	capacità di allerta e di allarme a livello federale, statale, locale, tribale e territoriale, e di valutare le capacità di allerta e di allarme pubblico della nazione. Non è richiesta alcuna azione da parte del pubblico. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: Un ALLARME TSUNAMI per [LOCATION] è in vigore fino alle [TIME]. Una serie di onde alte e forti correnti possono colpire le coste vicino alla tua zone. Chi vive in questa zona si trova in pericolo. Allontanarsi dalla costa. Spostarsi in questo momento su un'altura o nell'entroterra. Tenersi lontani dalla costa finché le autorità locali non avranno dichiarato che è sicuro rientrare in zona. [URL]
Earthquake Warning	RILEVATO TERREMOTO! Allungarsi sul pavimento, coprirsi e restare sul posto. Tenersi al sicura. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: Un AVVISO DI BOLLITURA DELL'ACQUA è stato emesso per [LOCATION] fino alle [TIME] L'acqua nella tua comunità potrebbe causare problemi di salute. Se disponibile, utilizzare acqua in bottiglia. Non bere, cucinare, lavarsi i denti o fare pulizie con acqua del rubinetto o filtrata finché non sia stata bollita. Portare l'acqua ad ebollizione completa per TRE MINUTI. Lasciare raffreddare l'acqua prima dell'uso. Non utilizzare ghiaccio prodotto con acqua non bollita. Chi fa uso di latte artificiale per nutrire neonati deve utilizzare latte artificiale pronto all'uso. Assicurarsi che gli animali domestici non bevano acqua che non sia stata bollita. [URL]
911 Outage Alert	[SENDING AGENCY]: AVVISO DI INTERRUZIONE del servizio 911 in [LOCATION] fino alle [TIME]. In caso di emergenza, contattare la Polizia, i Vigili del Fuoco, i servizi medici o altri servizi di emergenza direttamente ai numeri di telefono locali. Il 911 potrebbe non essere disponibile in caso di emergenza. [URL]
Avalanche Warning	[SENDING AGENCY]: L'ALLARME VALANGHE per [LOCATION] è in vigore fino alle [TIME]. La neve instabile potrebbe mettersi rapidamente in movimento, causando lesioni o morte, bloccando strade e danneggiando proprietà nelle aree colpite. ALLONTANARSI dalle aree vicino a [LOCATION]. NON ritornare nell'area finché non siano i funzionari locali ad emettere il permesso di rientro. Si sconsiglia di transitare su terreni soggetti a valanghe. Le valanghe possono attraversare anche lunghe distanze. [URL]
Fire Warning	[SENDING AGENCY] L'AVVISO DI INCENDIO in/a [LOCATION] è in vigore fino alle [TIME]. Abbandonare immediatamente l'area con la propria famiglia ed eventuali animali domestici, non attardarsi. La visibilità nell'area sarà ridotta e le strade potrebbero essere bloccate. Chi si attarda ad evacuare potrebbe restare intrappolato, ferito o perire. ALLONTANARSI dalle aree vicino a [LOCATION]. Aspettarsi di incontrare visibilità ridotta, fumo pesante e difficoltà respiratorie. Fare attenzione durante la guida. Prestare attenzione al personale di pubblica sicurezza che opera nella zona e seguire le loro istruzioni. [URL]

Hazardous Materials Warning	[SENDING AGENCY]: Si è verificata una fuoriuscita di MATERIALI PERICOLOSI alle [TIME] a/presso [LOCATION]. L'esposizione può causare difficoltà di respirazione, perdita di coordinazione, sensazione di bruciore agli occhi, al naso, alla gola o ai polmoni, nausea e possibilmente il decesso. ALLONTANARSI dalle aree vicino a [LOCATION]. CHI SI METTE ALLA GUIDA per evacuare l'area deve tenere chiusi i finestrini e le prese d'aria dell'auto. NON ritornare nell'area finché non siano i funzionari locali ad emettere il permesso di rientro. [URL]
Evacuation Immediate	[SENDING AGENCY] ha emesso un ordine di evacuazione per [LOCATION] in vigore fino alle [TIME]. Abbandonare immediatamente l'area con la propria famiglia ed eventuali animali domestici, non attardarsi. Prestare attenzione al personale di pubblica sicurezza che opera nella zona e seguire le loro istruzioni. [URL]
Shelter in Place Warning	[SENDING AGENCY] ha emesso un avviso di tenersi al chiuso per [LOCATION], che è in vigore fino alle [TIME]. Pericolo nella tua zona. Spostarsi in una stanza cieca, chiudere porte e finestre e restare sul posto. Prestare attenzione e agire con cautela. [URL]

KOREAN TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	토네이도 비상. 이 지역에 토네이도가 발생하였습니다. 이는 생명을 위협하는 상황입니다. 지금 당장 지하실이나 튼튼한 건물의 가장 낮은 층의 실내로 대피하십시오. 실외, 이동식 주택, 또는 차 안에 있는 경우, 가장 가까운 대피소로 이동하여 날아다니는 파편으로부터 자신을 보호하십시오. 미디어 뉴스를 확인합니다.
Flash Flood Warning	이 지역에 돌발 홍수 비상사태가 발효 중입니다. 이는 매우 위험하고 생명을 위협하는 상황입니다. 홍수 지역 또는 대피 명령 지역을 벗어나려는 경우를 제외하고는 이동하려고 시도하지 마십시오.
Severe Thunderstorm Warning	이 지역에 시속 80마일의 파괴력이 막강한 강풍으로 인해 심각한 뇌우 경보가 발효 중입니다. 튼튼한 건물 안에서 창문에서 멀리 떨어진 곳으로 피하십시오. 대피하지 않았다가, 날아다니는 파편에 맞으면 치명적일 수 있습니다.
Snow Squall Warning	이 지역에 대설 주의보가 발효 중입니다. 차량 속도를 줄이거나 이동을 미루십시오! 폭설로 인해 시야가 갑자기 0에 가깝게 떨어지거나 빙판길이 생길 수 있으니 대비하십시오.
Dust Storm Warning	이 지역에 먼지 폭풍 경보가 발령되었습니다. 갑자기 시야가 0으로 떨어질 수도 있으니 대비하십시오. 차를 갓길로 옮기고 안전하게 머무십시오! 시야가 나빠지면 도로에서 멀리 떨어진 곳에 차를 세워 주차하십시오. 라이트를 끄고 브레이크에서 발을 떼십시오. 유아, 노약자, 호흡기 질환이 있는 분은 예방 조치를 취할 것을 당부합니다.
Hurricane Warning	이 지역에 아주 위험하며 피해가 예상되는 강풍으로 인해 허리케인 경보가 발효 중입니다. 이 경보는 위험 상황이 시작되기 최대 36시간 전에 발령됩니다. 생명과 재산을 보호하기 위한 긴급 조처를 하십시오.

	3일 이상 이용할 음식, 물, 현금, 연료 및 의약품을 준비하십시오. 지역 공무원의 지시를 따릅니다.
Storm Surge Warning	이 지역에 생명을 위협하는 홍수 위험으로 폭풍 해일 경보가 발효 중입니다. 이 경보는 위험 상황이 시작되기 최대 36시간 전에 발령됩니다. 생명과 재산을 보호하기 위한 긴급 조처를 하십시오. 이 지역에 대피 명령이 내려지면 익사를 피하고 응급 서비스가 끊기지 않도록 대피 명령을 따릅니다.
Extreme Wind Warning	이 지역에 생명을 위협하는 즉각적이며 강력한 바람 위험으로 인한 경보가 발효 중입니다. 지금 튼튼한 건물 안의 창문에서 멀리 떨어진 실내로 대피하십시오. 날아오는 파편으로부터 머리를 보호하십시오. 허리케인의 눈이 고요할 때도 외출을 삼가십시오! 바람이 금방 다시 위험해질 수 있습니다.
Test Alert	이 경보는 전국 무선 비상경보 시스템을 테스트하기 위한 것입니다. 이 테스트의 목적은 연방, 주, 지방, 부족 및 자치 지역 단계에서 경보 및 경고 기능을 유지 및 개선하고 국가의 공공 경보 및 경고 기능을 평가하기 위한 것입니다. 일반 대중의 행동은 필요치 않습니다.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	쓰나미 경보. 일련의 강력한 파도와 함께 강한 해류가 가까운 해안에 영향을 미칠 수 있습니다. 아주 위험합니다. 해안가에서 멀리 떨어져 계십시오. 지금 당장 고지대나 내륙으로 이동합니다. 지역 공무원이 복귀해도 안전하다고 할 때까지 해안에서 멀리 떨어져 계십시오.
Earthquake Warning	지진 감지! 엎드립니다, 머리를 보호합니다, 신체를 지지합니다. 자신을 보호하십시오.
Boil Water Advisory	인근 지역에 물 끓이기 주의보가 발령되었습니다. 지역사회에 있는 물을 통해 질병에 걸릴 수 있습니다. 가능하면 생수를 드십시오. 끓이지 않은 물은 정수했더라도 마시거나, 요리, 양치질, 집 안 청소에 사용하지 마십시오. 물은 3분 동안 완전히 끓입니다. 사용하기 전에 물을 식히십시오. 끓이지 않은 물로 만든 얼음은 이용하지 마십시오. 아이에게

	분유를 먹이는 경우, 미리 만들어진 분유를 사용합니다. 반려동물이 끓이지 않은 물을 먹지 않도록 주의합니다. 지역 언론의 뉴스를 확인하십시오.
911 Outage Alert	이 지역에 911 비상경보가 발효 중입니다. 긴급 상황 발생 시, 해당 지역 전화로 경찰서, 소방서, 의료, 또는 기타 응급 서비스 기관에 직접 연락하십시오. 911에 전화해도 도움을 받지 못할 수도 있습니다.
Avalanche Warning	이 지역에 눈사태 경보가 발효 중입니다. 불안정하고 빠르게 이동하는 눈은 빠르게 불어나서 부상이나 사망을 초래할 수 있으며, 영향을 받는 지역의 도로를 막고 재산에 피해를 줄 수도 있습니다. 이 지역을 떠나십시오. 대피 후에는 현지 공무원의 지시가 있을 때까지 해당 지역으로 돌아가지 마십시오. 눈사태가 발생 지역의 여행은 권장하지 않습니다. 눈사태는 먼 거리에 걸쳐 발생할 수 있습니다.
Fire Warning	이 지역에 화재 경보가 발효 중입니다. 지체하지 말고 가족과 반려동물을 지금 대피시키십시오. 해당 지역의 가시거리가 줄고 도로가 차단될 수 있습니다. 지금 대피하지 않으면 고립되거나, 상처를 입거나, 사망할 수도 있습니다. 시야가 좁아지고, 연기가 심하며, 호흡 곤란을 겪을 수 있습니다. 운전하는 동안 주의하십시오. 해당 지역에서 활동하는 공공 안전 요원을 주시하고 그들의 지시를 따릅니다.
Hazardous Materials Warning	이 지역에 유해 물질이 방출되었습니다. 이에 노출되면 호흡 곤란, 대응 능력 상실, 눈, 코, 목, 폐의 작열감, 메스꺼움, 또는 사망에도 이를 수 있습니다. 이 지역을 떠나십시오. 운전하여 대피 지역으로 이동하는 경우, 차량의 창문과 통풍구를 닫으십시오. 대피 후, 지역 공무원의 지시가 있을 때까지 해당 지역으로 돌아가지 마십시오.
Evacuation Immediate	즉시 대피하십시오. 귀하 지역에 대피령이 발령되었습니다. 지체하지 말고 가족과 반려동물을 지금 대피시키십시오. 해당 지역에서 활동하는 공공 안전 요원을 주시하고 그들의 지시를 따르십시오.
Shelter in Place Warning	인근 지역에 실내 대피 경보가 발령되었습니다. 해당 지역이 위험합니다. 실내로 들어가서 문과 창문을 닫고 그 안에 머물러 계십시오. 지역 미디어 뉴스를 확인합니다. 경각심을 갖고 조심하십시오.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 토네이도 비상경보. 이 지역에 토네이도가 발생하였습니다. 이는 생명을 위협하는 상황입니다. 지하실이나 튼튼한 건물의 가장 낮은 층에 있는 실내로 대피하십시오. 실외, 이동식 주택, 또는 차 안에 있는 경우, 가장 가까운 안전한 대피소로 이동하여 날아다니는 파편으로부터 몸을 보호하십시오. 지역 미디어 뉴스를 확인하십시오. [URL]
Flash Flood Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 홍수 비상사태가 발생 중입니다. 이는 매우 위험하고 생명을 위협하는 상황입니다. 홍수 지역 또는 대피 명령 지역을 벗어나려는 경우를 제외하고는 이동하려고 시도하지 마십시오. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 시속 80마일의 파괴력이 막강한 바람으로 인해 심한 뇌우 주의보가 발효 중입니다. 창문에서 멀리 떨어진 튼튼한 건물의 실내로 몸을 피하십시오. 날아다니는 파편은 이동 중인 사람에게 치명적일 수 있습니다. [URL]
Snow Squall Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 폭설 경보가 발효 중입니다. 운전 속도를 늦추거나 이동을 미루십시오. 갑작스럽게 시야가 0에 가까울 정도로 나빠지거나 폭설로 인한 빙판길이 생길 수 있으니 주의하십시오. [URL]
Dust Storm Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 먼지 폭풍 경보가 발효 중입니다. 갑작스럽게 시야가 0에 가까울 정도로 나빠질 수 있으니 이에 대비하십시오. 살아남으셔야 합니다! 시야가 어두워지면 도로에서 멀리 떨어진 곳에 차를 세워 주차하십시오. 조명을 끄고 브레이크에서 발을 떼십시오. 유아, 노약자 및 호흡기 질환이 있는 분은 예방 조치를 취할 것을 권고합니다. [URL]

Hurricane Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지, 위험하며 생명을 위협하는 바람으로 인해 허리케인 경보가 발효 중입니다. 이 경보는 위험 상황이 시작되기 최대 36시간 전에 발령됩니다. 생명과 재산 보호를 위한 긴급 조처를 하십시오. 3일 이상 이용할 수 있는 음식, 물, 현금, 연료, 의약품을 준비합니다. 지역 공무원의 지시를 따릅니다. [URL]
Storm Surge Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 생명을 위협하는 홍수 위험으로 인해 폭풍 경보가 발효 중입니다. 이 경보는 위험 상황이 시작되기 최대 36시간 전에 발령됩니다. 생명과 재산을 보호하기 위한 긴급 조처를 하십시오. 이 지역에 대피령이 내려지면 익사나 응급 서비스 차단 방지를 위해서 대피 명령을 따릅니다. [URL]
Extreme Wind Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 생명을 위협하는 즉각적인 강풍의 위험으로 인해 강풍 경보가 발효 중입니다. 지금 바로 창문에서 멀리 떨어진 튼튼한 건물의 실내로 대피하십시오. 날아다니는 파편으로부터 머리를 보호하십시오. 허리케인의 눈이 고요할 때도 외출하지 마십시오! 바람이 다시 위험해질 수 있습니다. [URL]
Test Alert	이 경보는 [SENDING AGENCY]에서 발송하는 전국 무선 비상경보 시스템의 테스트입니다. 이 테스트의 목적은 연방, 주, 지방, 부족 및 자치 지역 단계에서 경보 및 경고 기능을 유지 및 개선하고 국가의 공공 경보 및 경고 기능을 평가하기 위한 것입니다. 일반 대중의 행동은 필요치 않습니다. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 쓰나미 경보가 발효 중입니다. 일련의 강력한 파도와 강한 해류가 가까운 해안에 영향을 미칠 수 있습니다. 아주 위험합니다. 해안가에서 벗어나십시오. 지금 당장 고지대나 내륙으로 이동하십시오. 지역 당국이 귀환해도 안전하다고 발표할 때까지 해안가에 접근하지 마십시오. [URL]
Earthquake Warning	지진 감지! 엎드립니다, 머리를 보호합니다, 신체를 지지합니다. [SENDING AGENCY] [URL]

Boil Water Advisory	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 물 끓이기 주의보가 발령되었습니다. 지역사회에 있는 물을 통해 질병에 걸릴 수 있습니다. 가능하면 생수를 드십시오. 끓이지 않은 물은 정수했더라도 마시거나, 요리, 양치질, 집 안 청소에 사용하지 마십시오. 물은 3분 동안 완전히 끓입니다. 사용하기 전에 물을 식히십시오. 끓이지 않은 물로 만든 얼음은 이용하지 마십시오. 아이에게 분유를 먹이는 경우, 미리 만들어진 분유를 사용합니다. 반려동물이 끓이지 않은 물을 마시지 않도록 주의하십시오. [URL]
911 Outage Alert	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 911 비상경보가 발효 중입니다. 긴급 상황 발생 시 해당 지역 전화로 경찰서, 소방서, 의료 또는 기타 응급 서비스 기관에 직접 연락하십시오. 911에 전화해도 도움을 받지 못할 수도 있습니다. [URL]
Avalanche Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 눈사태 경보가 발효 중입니다. 불안정하고 빠르게 이동하는 눈은 빠르게 불어나서 부상이나 사망을 초래할 수 있으며, 영향을 받는 지역의 도로를 막고 재산에 피해를 줄 수 있습니다. [LOCATION]에서 대피하십시오. 대피 후에는 현지 공무원의 지시가 있을 때까지 해당 지역으로 돌아가지 마십시오. 눈사태가 발생한 지역의 여행은 권장하지 않습니다. 눈사태는 먼 거리에 발생할 수 있습니다. [URL]
Fire Warning	[SENDING AGENCY]: [LOCATION]에 [TIME]까지 화재 경보가 발효 중입니다. 지체하지 말고 가족과 반려동물을 지금 대피시키십시오. 해당 지역의 가시거리가 줄어들고 도로가 차단될 수 있습니다. 지금 대피하지 않으면 고립되거나 상처를 입거나 사망할 수도 있습니다. [LOCATION]에서 대피하십시오. 시야가 좁아지고, 연기가 심하며, 호흡 곤란을 겪을 수 있습니다. 운전 시 주의하십시오. 해당 지역에서 활동하는 공공 안전 요원을 주시하고 그들의 지시를 따릅니다. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: [TIME]에 [LOCATION]에 유해 물질이 방출되었습니다. 이에 노출되면 호흡 곤란, 대응 능력 상실, 눈, 코, 목, 폐의 작열감, 메스꺼움, 또는 사망에도 이를 수 있습니다. [LOCATION]에서 대피하십시오. 운전하여 대피 지역으로 대피하는 경우,

	차량의 창문과 통풍구를 닫으십시오. 대피 후, 지역 공무원의 지시가 있을 때까지 해당 지역으로 돌아가지 마십시오. [URL]
Evacuation Immediate	[SENDING AGENCY]에서 [TIME]까지 [LOCATION]에 대한 즉시 대피 명령을 발령했습니다. 지체하지 말고 가족과 반려동물을 지금 대피시키십시오. 해당 지역에서 활동하는 공공 안전 요원을 주시하고 그들의 지시를 따릅니다. [URL]
Shelter in Place Warning	[SENDING AGENCY]에서 [TIME]까지 [LOCATION]에 대한 즉시 대피 명령을 발령했습니다. 해당 지역이 위험합니다. 실내로 들어가서 문과 창문을 닫고 그 안에 머물러 계십시오. 경각심을 갖고 조심합니다. [URL]

PORTUGUESE (BRAZILIAN) TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	EMERGÊNCIA DE TORNADO. Um tornado foi avistado nesta região. Sua vida está em perigo. Procure imediatamente abrigo em um porão ou dentro de um cômodo no andar mais baixo de um prédio seguro. Se você estiver ao ar livre, em uma casa móvel ou em um veículo, dirija-se ao prédio seguro mais próximo e proteja-se de detritos voadores. Acompanhe a cobertura da mídia.
Flash Flood Warning	Um ALERTA DE EMERGÊNCIA DE INUNDAÇÕES REPENTINAS está em vigor para esta região. Esta é uma situação extremamente perigosa e de risco de vida. Não tente viajar, a menos que esteja deixando uma área sujeita a inundações ou sob uma ordem de evacuação.
Severe Thunderstorm Warning	Um AVISO DE TEMPESTADE SEVERA está em vigor para esta região com ventos DESTRUTIVOS de 80 milhas por hora. Procure abrigo em um prédio seguro e longe de janelas. Os detritos voadores podem ser fatais para aqueles sem abrigo.
Snow Squall Warning	Um ALERTA DE TEMPESTADE DE NEVE está em vigor para esta região. Diminua a velocidade ou adie a sua viagem! Prepare-se para uma queda repentina de visibilidade e gelo nas estradas em caso de neve intensa.
Dust Storm Warning	Um AVISO DE TEMPESTADE DE POEIRA está em vigor para esta região. Esteja preparado para uma queda repentina na visibilidade. Pare no acostamento, fique vivo! Quando a visibilidade diminuir, pare seu veículo fora da estrada. Apague as luzes e tire o pé do freio. Crianças, idosos e pessoas com problemas respiratórios devem tomar precauções.
Hurricane Warning	Um AVISO DE FURACÃO está em vigor para esta região devido aos ventos perigosos. Este aviso é emitido até 36 horas antes do início das condições perigosas. Complete seus preparativos para proteger a vida e a propriedade com urgência. Tenha comida, água, dinheiro, combustível e medicamentos para 3 dias ou mais. SIGA AS INSTRUÇÕES DAS AUTORIDADES LOCAIS.
Storm Surge Warning	Um ALERTA DE MARÉ DE TEMPESTADE (RESSACA) está em vigor para esta região para o perigo de inundações potencialmente fatais. Este alerta é emitido até 36 horas antes do início das condições perigosas. Complete seus preparativos para proteger a vida e a propriedade com urgência. Siga as ordens de evacuação se forem emitidas para esta região para evitar afogamentos ou ficar sem acesso aos serviços de emergência.
Extreme Wind Warning	Um ALERTA DE VENTOS EXTREMOS está em vigor nesta região para perigo imediato de ventos potencialmente fatais. Proteja-se AGORA em um cômodo

	interno de um prédio seguro e longe das janelas. Proteja sua cabeça de detritos voadores. NÃO saia do abrigo durante a calmaria do olho do furacão! Os ventos rapidamente se tornarão perigosos novamente.
Test Alert	ESTE É UM TESTE do Sistema Nacional de Alertas de Emergência Sem Fio. O objetivo é manter e melhorar as capacidades de aviso e alerta a nível federal, estadual, local, tribal e territorial e avaliar as capacidades públicas de aviso e alerta do país. Não é necessária qualquer ação por parte do público.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	ALERTA DE MAREMOTO. Uma série de ondas poderosas e correntes fortes podem atingir o litoral perto de você. Você está em perigo. Afaste-se das águas costeiras. Vá imediatamente para um local elevado ou para o interior. Mantenha-se longe do litoral até as autoridades locais informarem que é seguro voltar.
Earthquake Warning	TERREMOTO DETECTADO! Abaixe-se, proteja-se e aguarde.
Boil Water Advisory	Um ALERTA PARA A FERVURA DE ÁGUA está em vigor para a sua região. A água na sua região pode deixá-lo doente. Use água engarrafada, se disponível. Não beba, cozinhe, escove os dentes ou limpe a casa com água da torneira ou filtrada até ferver. Deixe a água ferver por TRÊS MINUTOS. Deixe a água esfriar antes de usar. Não use gelo feito com água que não tenha sido fervida. Se você usa fórmula para alimentar seu filho, use fórmula pronta para consumo. Certifique-se de que os animais de estimação não bebam água que não tenha sido fervida. Acompanhe a cobertura da mídia local.
911 Outage Alert	ALERTA DE INTERRUPÇÃO DO SERVIÇO 911 nesta região. Em caso de emergência, entre em contato com a polícia, bombeiros, médicos ou outros serviços de emergência diretamente por meio dos seus números de telefone locais. É possível você não conseguir ajuda ao discar 911.
Avalanche Warning	ALERTA DE AVALANCHE nesta região. Neve instável e em movimento rápido pode ocorrer rapidamente, causando ferimentos ou morte e pode bloquear estradas e danificar propriedades nas áreas afetadas. SAIA desta área. NÃO retorne à área após a evacuação até receber instruções das autoridades locais. Não é recomendado viajar em terrenos propensos a avalanche. As avalanches podem percorrer longas distâncias.
Fire Warning	AVISO DE INCÊNDIO nesta região. Evacue sua família e animais de estimação agora, não demore. A visibilidade na região estará prejudicada e as estradas podem ficar bloqueadas. Se você não sair agora, você pode ficar preso, ferido ou morto. Espere por visibilidade reduzida, fumaça pesada e dificuldade para respirar. Tenha cuidado ao dirigir. Fique atento ao pessoal de segurança pública que atua na região e siga as suas instruções.

Hazardous Materials Warning	Houve vazamento de SUBSTÂNCIAS PERIGOSAS em sua região. A exposição pode causar dificuldade para respirar, perda de coordenação, sensação de queimação nos olhos, nariz, garganta ou pulmões, náuseas e, possivelmente, morte. SAIA desta área. Se estiver CONDUZINDO UM VEÍCULO para evacuar área, mantenha os vidros e saídas de ar do carro fechados. NÃO retorne à área após a evacuação até receber instruções das autoridades locais.
Evacuation Immediate	EVACUAR IMEDIATAMENTE. Uma Ordem de Evacuação foi emitida para sua região. Evacue sua família e animais de estimação agora, não demore. Fique atento ao pessoal de segurança pública que atua na região e siga as suas instruções.
Shelter in Place Warning	Um ALERTA DE ABRIGUE-SE NO LOCAL foi emitida para sua região. Existe perigo na sua região. Entre em uma sala interna, feche as portas e janelas e fique onde está. Acompanhe a cobertura da mídia local. Fique alerta e tenha cuidado.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: EMERGÊNCIA DE TORNADO em [LOCATION] até [TIME]. Tornado avistado nesta região. Esta é uma situação de risco de vida. Procure imediatamente abrigo em um porão ou em um cômodo no interior do andar mais baixo de um edifício seguro. Se você estiver ao ar livre, em uma casa móvel ou em um veículo, dirija-se para o abrigo seguro mais próximo e proteja-se de detritos voadores. Acompanhe a cobertura da mídia local. [URL]
Flash Flood Warning	[SENDING AGENCY]: Um ALERTA DE EMERGÊNCIA DE INUNDAÇÕES REPENTINAS está em vigor para [LOCATION] até [TIME]. Esta é uma situação extremamente perigosa e de risco de vida. Não tente viajar, a menos que esteja deixando uma área sujeita a inundações ou sob uma ordem de evacuação. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: AVISO DE TEMPESTADE SEVERA em vigor para [LOCATION] até [TIME] para ventos DESTRUTIVOS de 80 milhas por hora. Procure abrigo em um prédio seguro, longe das janelas. Os detritos voadores podem ser fatais para aqueles sem abrigo. [URL]
Snow Squall Warning	[SENDING AGENCY]: Alerta de tempestade de neve para [LOCATION] até [TIME]. Diminua a velocidade ou adie a sua viagem! Prepare-se para uma queda repentina de visibilidade e gelo nas estradas em caso de neve intensa. [URL]
Dust Storm Warning	[SENDING AGENCY]: AVISO DE TEMPESTADE DE POEIRA para [LOCATION] até [TIME]. Esteja preparado para uma queda repentina na visibilidade. Pare no acostamento, fique vivo! Quando a visibilidade diminuir,

	pare seu veículo fora da estrada. Apague as luzes e tire o pé do freio. Crianças, idosos e pessoas com problemas respiratórios devem tomar precauções. [URL]
Hurricane Warning	[SENDING AGENCY]: Um AVISO DE FURACÃO está em vigor para [LOCATION] devido a ventos perigosos até [TIME]. Este aviso é emitido até 36 horas antes do início das condições perigosas. Complete seus preparativos para proteger a vida e a propriedade com urgência. Tenha comida, água, dinheiro, combustível e medicamentos para 3 dias ou mais. SIGA AS INSTRUÇÕES DAS AUTORIDADES LOCAIS. [URL]
Storm Surge Warning	[SENDING AGENCY]: Um ALERTA DE MARÉ DE TEMPESTADE (RESSACA) está em vigor para [LOCATION] para o perigo de inundações potencialmente fatais até [TIME]. Este alerta é emitido até 36 horas antes do início das condições perigosas. Complete seus preparativos para proteger a vida e a propriedade com urgência. Siga as ordens de evacuação se forem emitidas para esta região para evitar afogamentos ou ficar sem acesso aos serviços de emergência. [URL]
Extreme Wind Warning	[SENDING AGENCY]: Um AVISO DE VENTOS EXTREMOS está em vigor para [LOCATION] pelo perigo imediato de ventos potencialmente fatais até [TIME]. Proteja-se AGORA em um cômodo interno de um prédio seguro, longe das janelas. Proteja sua cabeça de detritos voadores. NÃO saia do abrigo durante a calmaria do olho do furacão! Os ventos rapidamente se tornarão perigosos novamente. [URL]
Test Alert	ESTE É UM TESTE do Sistema Nacional de Alertas de Emergência Sem Fio enviado por/pela [SENDING AGENCY]. O objetivo é manter e melhorar as capacidades de aviso e alerta a nível federal, estadual, local, tribal e territorial e avaliar as capacidades públicas de aviso e alerta do país. Não é necessária qualquer ação por parte do público. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: Um ALERTA DE MAREMOTO para [LOCATION] está em vigor até [TIME]. Uma série de ondas poderosas e correntes fortes podem atingir o litoral perto de você. Você está em perigo. Afaste-se das águas costeiras. Vá imediatamente para um local elevado ou para o interior. Mantenha-se longe do litoral até as autoridades locais informarem que é seguro voltar. [URL]
Earthquake Warning	TERREMOTO DETECTADO! Abaixe-se, proteja-se e aguarde. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: Um ALERTA PARA A FERVURA DE ÁGUA está em vigor para [LOCATION] até [TIME]. A água na sua região pode deixá-lo doente. Use água engarrafada, se disponível. Não beba, cozinhe, escove os

	dentes ou limpe a casa com água da torneira ou filtrada até ferver. Deixe a água ferver por TRÊS MINUTOS. Deixe a água esfriar antes de usar. Não use gelo feito com água que não tenha sido fervida. Se você usa fórmula para alimentar seu filho, use fórmula pronta para consumo. Certifique-se de que os animais de estimação não bebam água que não tenha sido fervida. [URL]
911 Outage Alert	[SENDING AGENCY]: ALERTA DE INTERRUPÇÃO DO SERVIÇO 911 para [LOCATION] até [TIME]. Em caso de emergência, entre em contato com a polícia, bombeiros, médicos ou outros serviços de emergência diretamente por meio dos seus números de telefone locais. É possível você não conseguir ajuda ao discar 911. [URL]
Avalanche Warning	[SENDING AGENCY]: Um ALERTA DE AVALANCHE está em vigor para [LOCATION] até [TIME]. Neve instável e em movimento rápido pode ocorrer rapidamente, causando ferimentos ou morte e pode bloquear estradas e danificar propriedades nas áreas afetadas. SAIA desta área. NÃO retorne à área após a evacuação até receber instruções das autoridades locais. Não é recomendado viajar em terrenos propensos a avalanche. As avalanches podem percorrer longas distâncias. [URL]
Fire Warning	[SENDING AGENCY] Um AVISO DE INCÊNDIO está em vigor para [LOCATION] até [TIME]. Evacue sua família e animais de estimação agora, não demore. A visibilidade na região estará prejudicada e as estradas podem ficar bloqueadas. Se você não sair agora, você pode ficar preso, ferido ou morto. SAIA das áreas próximas de [LOCATION]. Espere por visibilidade reduzida, fumaça pesada e dificuldade para respirar. Tenha cuidado ao dirigir. Fique atento ao pessoal de segurança pública que atua na região e siga as suas instruções. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: Um vazamento de SUBSTÂNCIAS PERIGOSAS ocorreu às [TIME] em [LOCATION]. A exposição pode causar dificuldade para respirar, perda de coordenação, sensação de queimação nos olhos, nariz, garganta ou pulmões, náuseas e, possivelmente, morte. SAIA das regiões próximas de [LOCATION]. Se estiver CONDUZINDO UM VEÍCULO para evacuar a área, mantenha os vidros e saídas de ar do carro fechados. NÃO retorne à área após a evacuação até receber instruções das autoridades locais. [URL]
Evacuation Immediate	[SENDING AGENCY] emitiu uma ordem para evacuar a região de [LOCATION] em vigor até [TIME]. Evacue sua família e animais de estimação agora, não demore. Fique atento ao pessoal de segurança pública que atua na região e siga as suas instruções. [URL]
Shelter in Place Warning	[SENDING AGENCY] emitiu uma ordem para abrigar-se no local para [LOCATION] em vigor até [TIME]. Existe perigo na sua região. Entre em uma sala interna, feche as portas e janelas e fique onde está. Acompanhe a cobertura da mídia local. Fique alerta e tenha cuidado. [URL]

RUSSIAN TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	ЧРЕЗВЫЧАЙНАЯ СИТУАЦИЯ: ТОРНАДО. В зоне, где вы находитесь, обнаружен торнадо. Это явление опасно для жизни. Укройтесь в подвале или внутреннем помещении на нижнем этаже устойчивого здания. Если вы на улице, в передвижном доме или в транспортном средстве, отправляйтесь в ближайшее надежное укрытие, чтобы защититься от летящих обломков. Следите за новостями.
Flash Flood Warning	В зоне, где вы находитесь, объявлено ЭКСТРЕННОЕ ПРЕДУПРЕЖДЕНИЕ о ВНЕЗАПНОМ НАВОДНЕНИИ. Это явление крайне опасно для жизни. Не совершайте поездок, если вы не эвакуируетесь из затопленного района самостоятельно или по приказу об эвакуации.
Severe Thunderstorm Warning	В зоне, где вы находитесь, объявлено ПРЕДУПРЕЖДЕНИЕ о СИЛЬНОЙ ГРОЗЕ с РАЗРУШИТЕЛЬНЫМИ порывами ветра скоростью 129 км/ч. Укройтесь в устойчивом здании и не подходите к окнам. Если вы не в укрытии, столкновение с летящими обломками может оказаться смертельным.
Snow Squall Warning	В зоне, где вы находитесь, объявлено ПРЕДУПРЕЖДЕНИЕ о ШКВАЛИСТОМ СНЕГЕ. По возможности отложите поездки. В противном случае снизьте скорость передвижения. Возможно резкое ухудшение видимости до нулевой, а также обледенение дорог из-за сильного снегопада.
Dust Storm Warning	В зоне, где вы находитесь, объявлено ПРЕДУПРЕЖДЕНИЕ о ПЫЛЕВОЙ БУРЕ. Возможно резкое ухудшение видимости до нулевой. Съедьте на обочину, чтобы остаться в живых! При ухудшении видимости съедьте на обочину дороги и припаркуйте транспортное средство. Выключите фары и уберите ногу с тормоза. Младенцам, пожилым людям и лицам, испытывающим трудности с дыханием, может потребоваться помощь.
Hurricane Warning	В зоне, где вы находитесь, объявлено ПРЕДУПРЕЖДЕНИЕ ОБ УРАГАНЕ с опасными и разрушительными порывами ветра. Это предупреждение разослано за 36 часов до начала чрезвычайной ситуации. Срочно примите меры по защите своей жизни и собственности. Подготовьте еду, питьевую воду, наличные деньги, топливо и медикаменты на срок более 3 дней. СЛЕДУЙТЕ ИНСТРУКЦИЯМ МЕСТНЫХ ВЛАСТЕЙ.
Storm Surge Warning	В зоне, где вы находитесь, объявлено ПРЕДУПРЕЖДЕНИЕ о ШТОРМОВОМ ПРИЛИВЕ и существует риск опасного для жизни подтопления. Это предупреждение разослано за 36 часов до начала чрезвычайной ситуации. Срочно примите меры по защите своей жизни и собственности. Если в вашем районе действует приказ об эвакуации, следуйте ему, чтобы не утонуть или не оказаться вне досягаемости экстренных служб.

Extreme Wind Warning	В зоне, где вы находитесь, объявлено ПРЕДУПРЕЖДЕНИЕ ОБ УРАГАННОМ ВЕТРЕ с опасными для жизни порывами. НЕМЕДЛЕННО укройтесь во внутреннем помещении устойчивого здания и оставайтесь вдали от окон. Защитите голову от летящих обломков. НЕ ВЫХОДИТЕ наружу, если находитесь в центре урагана! Опасные порывы ветра могут возобновиться в любой момент.
Test Alert	ЭТО ТЕСТОВОЕ ПРЕДУПРЕЖДЕНИЕ от Национальной беспроводной системы аварийного оповещения. Его цель — убедиться, что оповещения и предупреждения можно получить на уровне страны, штата, района, резервации и других территорий, улучшить систему рассылки предупреждений и оценить ее эффективность. От населения не требуется никаких действий.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	ПРЕДУПРЕЖДЕНИЕ о ЦУНАМИ. Серия мощных волн и сильных течений может достичь побережья в зоне, где вы находитесь. Вы в опасности. Покиньте территорию рядом с побережьем и перейдите на возвышенности или отдаленные от воды зоны. Не приближайтесь к побережью до тех пор, пока местные власти не подтвердят, что это безопасно.
Earthquake Warning	ОБНАРУЖЕНО ЗЕМЛЕТРЯСЕНИЕ. Опуститесь на четвереньки, прикройте голову и держитесь за какую-либо устойчивую конструкцию. Защитите себя.
Boil Water Advisory	В зоне, где вы находитесь, необходимо ОБЯЗАТЕЛЬНО КИПЯТИТЬ ВОДУ. Вода в вашем районе может вызвать проблемы со здоровьем. По возможности используйте бутилированную воду. Не используйте воду из-под крана или фильтра для питья, готовки, чистки зубов или уборки до того, как прокипятите ее. Кипятите воду в течение ТРЕХ МИНУТ. Дайте воде остыть перед применением. Не используйте лед из некипяченой воды. Если вы кормите грудного ребенка смесью, используйте готовые смеси. Не давайте домашним животным пить некипяченую воду. Следите за местными новостями.
911 Outage Alert	В зоне, где вы находитесь, НЕДОСТУПЕН НОМЕР 911. При возникновении чрезвычайной ситуации вызывайте полицию, пожарных, скорую помощь или другие экстренные службы по местным телефонным номерам. Если вы наберете 911, помощь может не прибыть.
Avalanche Warning	В зоне, где вы находитесь, возможен СХОД ЛАВИНЫ. Быстрый сход нестабильных масс снега может привести к травмам или гибели, заблокировать дороги и повредить здания. ПОКИНЬТЕ эту зону. После эвакуации НЕ ВОЗВРАЩАЙТЕСЬ в нее до тех пор, пока местные власти не подтвердят, что это безопасно. Передвижение в возможной зоне схода лавины не рекомендуется, так как лавины могут преодолевать большие расстояния.
Fire Warning	В зоне, где вы находитесь, объявлено ПРЕДУПРЕЖДЕНИЕ о ПРИРОДНОМ ПОЖАРЕ. Немедленно эвакуируйтесь со своей семьей и домашними животными. Ожидается ухудшение видимости и пробки на дорогах. Если вы не покинете эту зону, вы рискуете быть изолированными, получить травму или погибнуть. Возможны ухудшение видимости, сильная задымленность и проблемы с дыханием. Соблюдайте осторожность при вождении транспортного средства.

	Найдите сотрудников экстренных служб в зоне, где вы находитесь, и следуйте их указаниям.
Hazardous Materials Warning	В зоне, где вы находитесь, произошел ВЫБРОС ОПАСНЫХ МАТЕРИАЛОВ. При воздействии этих материалов возможны проблемы с дыханием, нарушение координации движений, жжение в глазах, носу, горле или легких, а также тошнота и даже смерть. ПОКИНЬТЕ эту зону. Если вы эвакуируетесь НА ТРАНСПОРТНОМ СРЕДСТВЕ, не открывайте окна и не используйте вентиляционную систему. После эвакуации НЕ ВОЗВРАЩАЙТЕСЬ в эту зону до тех пор, пока местные власти не подтвердят, что это безопасно.
Evacuation Immediate	НЕМЕДЛЕННО ЭВАКУИРУЙТЕСЬ. Для зоны, где вы находитесь, выпущен приказ об эвакуации. Немедленно эвакуируйтесь со своей семьей и домашними животными. Найдите сотрудников экстренных служб в зоне, где вы находитесь, и следуйте их указаниям.
Shelter in Place Warning	В зоне, где вы находитесь, НЕОБХОДИМО УКРЫТЬСЯ НА МЕСТЕ. В этой зоне возникла опасная ситуация. Укройтесь во внутреннем помещении, закройте двери и окна и оставайтесь на месте. Следите за местными новостями. Будьте осторожны и бдительны.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: ЧРЕЗВЫЧАЙНАЯ СИТУАЦИЯ. ТОРНАДО в [LOCATION] до [TIME]. В зоне, где вы находитесь, обнаружен торнадо. Это явление опасно для жизни. Укройтесь в подвале или внутреннем помещении на нижнем этаже устойчивого здания. Если вы на улице, в передвижном доме или в транспортном средстве, отправляйтесь в ближайшее надежное укрытие, чтобы защититься от летящих обломков. Следите за новостями. [URL]
Flash Flood Warning	[SENDING AGENCY]: В [LOCATION] объявлено ЭКСТРЕННОЕ ПРЕДУПРЕЖДЕНИЕ о ВНЕЗАПНОМ НАВОДНЕНИИ (действует до [TIME]). Это явление крайне опасно для жизни. Не совершайте поездок, если вы не эвакуируетесь из затопленного района самостоятельно или по приказу об эвакуации. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: В [LOCATION] до [TIME] объявлено ПРЕДУПРЕЖДЕНИЕ о СИЛЬНОЙ ГРОЗЕ с РАЗРУШИТЕЛЬНЫМИ порывами ветра скоростью 129 км/ч. Укройтесь в устойчивом здании и не подходите к окнам. Если вы не в укрытии, столкновение с летящими обломками может оказаться смертельным. [URL]
Snow Squall Warning	[SENDING AGENCY]: предупреждение о шквалистом снеге в [LOCATION] до [TIME]. По возможности отложите поездки. В противном случае снизьте скорость

	передвижения. Возможно резкое ухудшение видимости до нулевой, а также обледенение дорог из-за сильного снегопада. [URL]
Dust Storm Warning	[SENDING AGENCY]: В [LOCATION] до [TIME] объявлено ПРЕДУПРЕЖДЕНИЕ о ПЫЛЕВОЙ БУРЕ. Возможно резкое ухудшение видимости до нулевой. Съедьте на обочину, чтобы остаться в живых! При ухудшении видимости съедьте на обочину дороги и припаркуйте транспортное средство. Выключите фары и уберите ногу с тормоза. Младенцам, пожилым людям и лицам, испытывающим трудности с дыханием, может потребоваться помощь. [URL]
Hurricane Warning	[SENDING AGENCY]: В [LOCATION] до [TIME] объявлено ПРЕДУПРЕЖДЕНИЕ ОБ УРАГАНЕ с опасными и разрушительными порывами ветра. Это предупреждение разослано за 36 часов до начала чрезвычайной ситуации. Срочно примите меры по защите своей жизни и собственности. Подготовьте еду, питьевую воду, наличные деньги, топливо и медикаменты на срок более 3 дней. СЛЕДУЙТЕ ИНСТРУКЦИЯМ МЕСТНЫХ ВЛАСТЕЙ. [URL]
Storm Surge Warning	[SENDING AGENCY]: В [LOCATION] объявлено ПРЕДУПРЕЖДЕНИЕ о ШТОРМОВОМ ПРИЛИВЕ и существует риск опасного для жизни подтопления до [TIME]. Это предупреждение разослано за 36 часов до начала чрезвычайной ситуации. Срочно примите меры по защите своей жизни и собственности. Если в вашем районе действует приказ об эвакуации, следуйте ему, чтобы не утонуть или не оказаться вне досягаемости экстренных служб. [URL]
Extreme Wind Warning	[SENDING AGENCY]: В [LOCATION] до [TIME] объявлено ПРЕДУПРЕЖДЕНИЕ ОБ УРАГАННОМ ВЕТРЕ с опасными для жизни порывами. НЕМЕДЛЕННО укройтесь во внутреннем помещении устойчивого здания и оставайтесь вдали от окон. Защитите голову от летящих обломков. НЕ ВЫХОДИТЕ наружу, если находитесь в центре урагана! Опасные для жизни порывы ветра могут возобновиться в любой момент. [URL]
Test Alert	ЭТО ТЕСТОВОЕ ПРЕДУПРЕЖДЕНИЕ от Национальной беспроводной системы аварийного оповещения, отправленное [SENDING AGENCY]. Его цель — убедиться, что оповещения и предупреждения можно получить на уровне страны, штата, района, резервации и других территорий, улучшить систему рассылки предупреждений и оценить ее эффективность. От населения не требуется никаких действий. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: В [LOCATION] объявлено ПРЕДУПРЕЖДЕНИЕ о ЦУНАМИ до [TIME]. Серия мощных волн и сильных течений может достичь побережья в зоне, где вы находитесь. Вы в опасности. Покиньте территорию рядом с побережьем и перейдите на возвышенности или отдаленные от воды зоны. Не приближайтесь к побережью до тех пор, пока местные власти не подтвердят, что это безопасно. [URL]
Earthquake Warning	ОБНАРУЖЕНО ЗЕМЛЕТРЯСЕНИЕ. Опуститесь на четвереньки, прикройте голову и держитесь за какую-либо устойчивую конструкцию. Защитите себя. [SENDING AGENCY] [URL]

Boil Water Advisory	[SENDING AGENCY]: В [LOCATION] необходимо ОБЯЗАТЕЛЬНО КИПЯТИТЬ ВОДУ (предупреждение действует до [TIME]). Вода в вашем районе может вызвать проблемы со здоровьем. По возможности используйте бутилированную воду. Не используйте воду из-под крана или фильтра для питья, готовки, чистки зубов или уборки до того, как прокипятите ее. Кипятите воду в течение ТРЕХ МИНУТ. Дайте воде остыть перед применением. Не используйте лед из некипяченой воды. Если вы кормите грудного ребенка смесью, используйте готовые смеси. Не давайте домашним животным пить некипяченую воду. [URL]
911 Outage Alert	[SENDING AGENCY]: В [LOCATION] НЕДОСТУПЕН НОМЕР 911 до [TIME]. При возникновении чрезвычайной ситуации вызывайте полицию, пожарных, скорую помощь или другие экстренные службы по местным телефонным номерам. Если вы наберете 911, помощь может не прибыть. [URL]
Avalanche Warning	[SENDING AGENCY]: В [LOCATION] объявлено ПРЕДУПРЕЖДЕНИЕ о СХОДЕ ЛАВИН до [TIME]. Быстрый сход нестабильных масс снега может привести к травмам или гибели, заблокировать дороги и повредить здания. ПОКИНЬТЕ территорию рядом с [LOCATION]. После эвакуации НЕ ВОЗВРАЩАЙТЕСЬ в эту зону до тех пор, пока местные власти не подтвердят, что это безопасно. Передвижение в возможной зоне схода лавины не рекомендуется, так как лавины могут преодолевать большие расстояния. [URL]
Fire Warning	[SENDING AGENCY] предупреждает о ПРИРОДНОМ ПОЖАРЕ в зоне [LOCATION] (предупреждение действует до [TIME]). Немедленно эвакуируйтесь со своей семьей и домашними животными. Ожидается ухудшение видимости и пробки на дорогах. Если вы не покинете эту зону, вы рискуете быть изолированными, получить травму или погибнуть. ПОКИНЬТЕ территорию рядом с [LOCATION]. Возможны ухудшение видимости, сильная задымленность и проблемы с дыханием. Соблюдайте осторожность при вождении транспортного средства. Найдите сотрудников экстренных служб в зоне, где вы находитесь, и следуйте их указаниям. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: в зоне [LOCATION] произошел ВЫБРОС ОПАСНЫХ МАТЕРИАЛОВ (предупреждение действует до [TIME]). При воздействии этих материалов возможны проблемы с дыханием, нарушение координации движений, жжение в глазах, носу, горле или легких, а также тошнота и даже смерть. ПОКИНЬТЕ территорию рядом с [LOCATION]. Если вы эвакуируетесь НА ТРАНСПОРТНОМ СРЕДСТВЕ, не открывайте окна и не используйте вентиляционную систему. После эвакуации НЕ ВОЗВРАЩАЙТЕСЬ в зону ЧС до тех пор, пока местные власти не подтвердят, что это безопасно. [URL]
Evacuation Immediate	Агентство [SENDING AGENCY] выпустило приказ об эвакуации из [LOCATION], действующий до [TIME]. Немедленно эвакуируйтесь со своей семьей и домашними животными. Найдите сотрудников экстренных служб в зоне, где вы находитесь, и следуйте их указаниям. [URL]
Shelter in Place Warning	Агентство [SENDING AGENCY] предупреждает о необходимости укрыться на месте в [LOCATION] (предупреждение действует до [TIME]). В этой зоне возникла опасная ситуация. Укройтесь во внутреннем помещении, закройте двери и окна и оставайтесь на месте. Будьте осторожны и бдительны. [URL]

SPANISH TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	EMERGENCIA POR TORNADO. Un tornado se ha detectado en esta área. Esta es una situación con peligro de muerte. Resguárdese ahora en un subterráneo o en una habitación interior en el piso más bajo de algún edificio resistente. Si usted está en exteriores, en una casa rodante o en un vehículo, trasládese al lugar más resguardado posible y protéjase de los escombros que vuelan por el aire. Siga los medios de comunicación.
Flash Flood Warning	UNA EMERGENCIA POR INUNDACIÓN REPENTINA está en efecto para esta área. La situación es extremadamente peligrosa y con riesgo de muerte. No intente movilizarse, excepto si es para abandonar un área de inundación o por orden de evacuación.
Severe Thunderstorm Warning	ADVERTENCIA DE FUERTE TORMENTA ELÉCTRICA en efecto para esta área por vientos DESTRUCTIVOS de 80 millas por hora. Resguárdese en un edificio resistente, lejos de las ventanas. Los escombros que vuelan impulsados por los fuertes vientos pueden ser mortales para quienes no estén resguardados.
Snow Squall Warning	ADVERTENCIA DE TORMENTA DE NIEVE en efecto para esta área. ¡Baje la velocidad o postergue su viaje! Prepárese para una repentina reducción o ausencia total de visibilidad y hielo en las carreteras con intensas nevadas.
Dust Storm Warning	ADVERTENCIA DE TORMENTA DE POLVO Y ARENA en efecto para esta área. Prepárese para una repentina reducción o total ausencia de visibilidad. Hágase a un lado. ¡No pierda su vida! Cuando pierda visibilidad, salga de la carretera y ponga el embrague de su vehículo en “estacionar”. Apague las luces y saque el pie de los frenos. Se insta a tomar precauciones adicionales para los niños de corta edad, ancianos y personas con problemas respiratorios.
Hurricane Warning	UNA ADVERTENCIA DE HURACÁN está en efecto para esta área por vientos peligrosos que pueden causar daños. Esta advertencia se emite hasta 36 horas antes de que las condiciones peligrosas comiencen. Es urgente que complete esfuerzos para proteger vidas y propiedad. Asegure disponibilidad de alimentos, agua, dinero en efectivo, combustible y medicamentos para un mínimo de 3 días. SIGA LAS INSTRUCCIONES DE LAS AUTORIDADES LOCALES.
Storm Surge Warning	UNA ADVERTENCIA DE MAREJADA CICLÓNICA está en efecto para esta área por peligro de inundaciones con riesgo de muerte. Esta

	advertencia se emite hasta 36 horas antes de que las condiciones peligrosas comiencen. Es urgente que complete esfuerzos para proteger vidas y propiedad. Siga posibles órdenes de evacuación de esta área para evitar muertes por ahogo o aislamiento sin acceso a los servicios de emergencia.
Extreme Wind Warning	Una ADVERTENCIA DE VIENTOS EXTREMADAMENTE FUERTES está en efecto para esta área por peligro inmediato de fuertes vientos con riesgo de muerte. Resguárdese AHORA en alguna habitación interior de un edificio resistente y lejos de las ventanas. Proteja su cabeza de escombros que vuelan impulsados por el viento. ¡NO salga en medio de la calma del ojo del huracán! Los vientos pronto volverán a ser peligrosos.
Test Alert	ESTA ES UNA PRUEBA del sistema nacional de alertas de emergencia inalámbricas (National Wireless Emergency Alert System). El propósito es mantener y mejorar las capacidades de alerta y de advertencia a nivel federal, estatal, local, Tribal y territorial, y evaluar la capacidad nacional de las alertas y advertencias públicas. El público no necesita hacer nada.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	ADVERTENCIA DE TSUNAMI. Una serie de grandes olas y fuertes corrientes podrían afectar las zonas costeras cercanas a su área. Usted está en peligro. Aléjese ahora mismo de las aguas costeras y diríjase a terrenos elevados o lejos de la costa. Manténgase alejado de la costa hasta que las autoridades le avisen que puede regresar sin peligro.
Earthquake Warning	¡TEMBLOR O TERREMOTO DETECTADO! Agáchese a nivel del suelo, cúbrase, espere. Protéjase.
Boil Water Advisory	¡ALERTA! HIERVA EL AGUA en su área. El agua en su comunidad podría enfermarle. Use agua embotellada si está disponible. No beba agua del grifo, aunque esté filtrada, no la use para cocinar o lavarse los dientes ni para limpiar su hogar. Hiérvala antes. El agua debe hervir por lo menos TRES MINUTOS. Enfríe el agua antes de usarla. No use cubos de hielo preparados con agua sin hervir. Si usa leche preparada para su bebé, use la que viene lista (no la que requiere agua). Asegúrese de que sus mascotas no beban agua sin hervir. Siga los medios de comunicación locales.
911 Outage Alert	ALERTA POR INTERRUPCIÓN DE SERVICIOS 911 en esta área. En caso de emergencia, contáctese con las autoridades policiales, de bomberos, de asistencia médica u otros servicios de emergencia, llamando directamente a sus teléfonos locales. Puede no obtener ayuda si llama al 911.
Avalanche Warning	ADVERTENCIA DE AVALANCHA para esta área. El rápido movimiento de nieve inestable puede ocurrir repentinamente, con peligro de daño físico o muerte, y podría bloquear caminos y dañar propiedades en las áreas afectadas. ABANDONE esta área. NO vuelva al área tras la evacuación hasta que las autoridades se lo indiquen. No se recomienda viajar en

	terrenos con avalanchas. Las avalanchas pueden alcanzar grandes distancias.
Fire Warning	ADVERTENCIA DE INCENDIO en esta área. Evacúe a su familia y mascotas ahora, sin demoras. La visibilidad del área disminuirá y los caminos podrían resultar bloqueados. Si usted no abandona el área ahora, podría quedar atrapado, resultar herido o morir. Prepárese para una reducción de la visibilidad, denso humo y dificultad para respirar. Maneje con cuidado. Manténgase atento ante la posible presencia de personal de seguridad operando en el área y siga sus instrucciones.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: EMERGENCIA POR TORNADO en [LOCATION] hasta [TIME]. Un tornado se ha detectado en esta área. Esta es una situación con peligro de muerte. Resguárdese ahora en un subterráneo o en una habitación interior en el piso más bajo de algún edificio resistente. Si usted está en exteriores, en una casa rodante o en un vehículo, trasládese al lugar más resguardado posible y protéjase de los escombros que vuelan por el aire. Siga los medios de comunicación. [URL]
Flash Flood Warning	[SENDING AGENCY]: UNA EMERGENCIA POR INUNDACIÓN REPENTINA está en efecto para [LOCATION] hasta [TIME]. La situación es extremadamente peligrosa y con riesgo de muerte. No intente movilizarse, excepto si es para abandonar un área de inundación o por orden de evacuación. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: ADVERTENCIA DE FUERTE TORMENTA ELÉCTRICA en efecto para [LOCATION] hasta [TIME] por vientos DESTRUCTIVOS de 80 millas por hora. Resguárdese en un edificio resistente, lejos de las ventanas. Los escombros que vuelan impulsados por los fuertes vientos pueden ser mortales para quienes no estén resguardados. [URL]
Snow Squall Warning	[SENDING AGENCY]: Advertencia de Tormenta de Nieve para [LOCATION] hasta [TIME] ¡Baje la velocidad o postergue su viaje! Prepárese para una repentina reducción o ausencia total de visibilidad y hielo en las carreteras con intensas nevadas. [URL]
Dust Storm Warning	[SENDING AGENCY]: ADVERTENCIA DE TORMENTA DE POLVO Y ARENA para [LOCATION] hasta [TIME]. Prepárese para una repentina reducción o total ausencia de visibilidad. Hágase a un lado. ¡No pierda su

	vida! Cuando pierda visibilidad, salga de la carretera y ponga el embrague de su vehículo en “estacionar”. Apague las luces y saque el pie de los frenos. Se insta a tomar precauciones adicionales para los niños de corta edad, ancianos y personas con problemas respiratorios. [URL]
Hurricane Warning	[SENDING AGENCY]: UNA ADVERTENCIA DE HURACÁN está en efecto para [LOCATION] hasta [TIME] por vientos peligrosos que pueden causar daños. Esta advertencia se emite hasta 36 horas antes de que las condiciones peligrosas comiencen. Es urgente que complete esfuerzos para proteger vidas y propiedad. Asegure disponibilidad de alimentos, agua, dinero en efectivo, combustible y medicamentos para un mínimo de 3 días. SIGA LAS INSTRUCCIONES DE LAS AUTORIDADES LOCALES. [URL]
Storm Surge Warning	[SENDING AGENCY]: UNA ADVERTENCIA DE MAREJADA CICLÓNICA está en efecto para [LOCATION] hasta [TIME] por peligro de inundaciones con riesgo de muerte. Esta advertencia se emite hasta 36 horas antes de que las condiciones peligrosas comiencen. Es urgente que complete esfuerzos para proteger vidas y propiedad. Siga posibles órdenes de evacuación de esta área para evitar muertes por ahogo o aislamiento sin acceso a los servicios de emergencia. [URL]
Extreme Wind Warning	[SENDING AGENCY]: Una ADVERTENCIA DE VIENTOS EXTREMADAMENTE FUERTES está en efecto para [LOCATION] hasta [TIME] por peligro inmediato de fuertes vientos con riesgo de muerte. Resguárdese AHORA en alguna habitación interior de un edificio resistente y lejos de las ventanas. Proteja su cabeza de escombros que vuelan impulsados por el viento. ¡NO salga en medio de la calma del ojo del huracán! Los vientos pronto volverán a ser peligrosos. [URL]

Test Alert	ESTA ES UNA PRUEBA del sistema nacional de alertas de emergencia inalámbricas (National Wireless Emergency Alert System) enviada por [SENDING AGENCY]. El propósito es mantener y mejorar las capacidades de alerta y de advertencia a nivel federal, estatal, local, Tribal y territorial, y evaluar la capacidad nacional de las alertas y advertencias públicas. El público no necesita hacer nada. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: Una ADVERTENCIA DE TSUNAMI para [LOCATION] está en efecto hasta [TIME]. Una serie de grandes olas y fuertes corrientes podrían afectar las zonas costeras cercanas a su área. Usted está en peligro. Aléjese ahora mismo de las aguas costeras y diríjase a terrenos elevados o lejos de la costa. Manténgase alejado de la costa hasta que las autoridades le avisen que puede regresar sin peligro. [URL]
Earthquake Warning	¡TEMBLOR O TERREMOTO DETECTADO! Agáchese a nivel del suelo, cúbrase, espere. Protéjase. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: ¡ALERTA! HIERVA EL AGUA en [LOCATION] hasta [TIME]. El agua en su comunidad podría enfermarle. Use agua embotellada si está disponible. No beba agua del grifo, aunque esté filtrada, no la use para cocinar o lavarse los dientes ni para limpiar su hogar. Hiérvala antes. El agua debe hervir por lo menos TRES MINUTOS. Enfríe el agua antes de usarla. No use cubos de hielo preparados con agua sin hervir. Si usa leche preparada para su bebé, use la que viene lista (no la que requiere agua). Asegúrese de que sus mascotas no beban agua sin hervir. Siga los medios de comunicación locales. [URL]
911 Outage Alert	[SENDING AGENCY]: ALERTA POR INTERRUPCIÓN DE SERVICIOS 911 en [LOCATION] hasta [TIME]. En caso de emergencia, contáctese con las autoridades policiales, de bomberos, de asistencia médica u otros servicios de emergencia, llamando directamente a sus teléfonos locales. Puede no obtener ayuda si llama al 911. [URL]
Avalanche Warning	[SENDING AGENCY]: ADVERTENCIA DE AVALANCHA para [LOCATION] en efecto hasta [TIME]. El rápido movimiento de nieve inestable puede ocurrir repentinamente, con peligro de daño físico o muerte, y podría bloquear caminos y dañar propiedades en las áreas afectadas. ABANDONE áreas cercanas a [LOCATION]. NO vuelva al área tras la evacuación hasta que las autoridades se lo indiquen. No se recomienda viajar en terrenos con avalanchas. Las avalanchas pueden alcanzar grandes distancias. [URL]
Fire Warning	[SENDING AGENCY] Una ADVERTENCIA DE INCENDIO en [LOCATION] está en efecto hasta [TIME]. Evacúe a su familia y mascotas ahora, sin demoras. La visibilidad del área disminuirá y los caminos podrían resultar bloqueados. Si usted no abandona el área ahora, podría quedar atrapado, resultar herido o morir. ABANDONE las áreas cercanas a

	[LOCATION]. Prepárese para una reducción de la visibilidad, denso humo y dificultad para respirar. Maneje con cuidado. Manténgase atento ante la posible presencia de personal de seguridad operando en el área y siga sus instrucciones. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: UNA EMANACIÓN DE SUSTANCIAS PELIGROSAS ha ocurrido a las [TIME] en [LOCATION]. La exposición a dichas sustancias puede causar dificultades respiratorias, pérdida de coordinación, sensación de ardor en los ojos, nariz, garganta o pulmones, nausea y riesgo de muerte. ABANDONE [LOCATION]. SI CONDUCE para evacuar el área, mantenga el vehículo con las ventanas y ventilaciones cerradas. NO VUELVA al área tras la evacuación a menos que las autoridades locales se lo indiquen. [URL]
Evacuation Immediate	[SENDING AGENCY] ha emitido una orden de evacuación inmediata para [LOCATION] en efecto hasta [TIME]. Evacúe a su familia y mascotas ahora mismo, sin demoras. Preste atención al personal de seguridad pública que opera en el área y siga sus instrucciones. [URL]
Shelter in Place Warning	[SENDING AGENCY] emitió una ADVERTENCIA DE REFUGIO EN EL LUGAR DONDE ESTÁ para [LOCATION] en efecto hasta [TIME]. Hay peligro en su área. Entre a una habitación interior, cierre las puertas y ventanas y manténgase en el lugar donde está. Manténgase alerta y actúe con precaución. [URL]

TAGALOG (FILIPINO) TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	TORNADO EMERGENCY. May nakitang buhawi sa lugar na ito. Isa itong sitwasyon na nagbabanta sa buhay. Sumilong na sa isang basement o isang panloob na kuwarto sa pinakamababang palapag ng isang matibay na gusali. Kung nasa labas ka, sa isang mobile home, o sa isang sasakyan, lumipat sa pinakamalapit na malaking silungan at protektahan ang iyong sarili mula sa lumilipad na mga labi. Tingnan ang media.
Flash Flood Warning	May FLASH FLOOD EMERGENCY para sa lugar na ito. Isa itong sitwasyon na lubhang mapanganib at nagbabanta sa buhay. Huwag subukang maglakbay maliban kung tumatakas ka sa isang lugar na napapailalim sa pagbaha o sa ilalim ng isang utos ng paglikas.
Severe Thunderstorm Warning	May BABALA SA MALUBHANG BAGYO NA MAY KULOG AT KIDLAT para sa lugar na ito dahil sa MAPAMINSALANG 80 milya kada oras na hangin. Sumilong sa isang matibay na gusali nang malayo sa mga bintana. Maaaring nakamamatay ang mga lumilipad na debris sa mga maaabutan nang walang silungan.
Snow Squall Warning	May BABALA SA SNOW SQUALL para sa lugar na ito. Bagalan o ipagpaliban ang paglalakbay! Maging handa para sa biglaang pagbaba sa halos zero visibility at nagyeyelong mga kalsada sa makapal na niyebe.
Dust Storm Warning	May BABALA SA DUST STORM para sa lugar na ito. Maging handa para sa biglaang pagbaba sa zero visibility. Tumabi, Manatiling Buhay! Kapag bumaba ang visibility, huminto sa malayo sa kalsada at ilagay ang iyong sasakyan sa pag-park. Patayin ang mga ilaw at ilayo ang iyong paa sa preno. Hinikayat ang mga sanggol, matatanda at may mga problema sa paghinga na mag-ingat.
Hurricane Warning	May BABALA SA HURRICANE para sa lugar na ito para sa mapanganib at mapaminsalang hangin. Ibinibigay ang babalang ito hanggang 36 na oras bago magsimula ang mga mapanganib na kondisyon. Tapusin agad ang mga pagsisikap na protektahan ang buhay at ari-arian. Magkaroon ng pagkain, tubig, pera, gasolina, at mga gamot na tatagal ng 3+ araw. SUNDIN ANG MGA DIREKSYON MULA SA MGA LOKAL NA OPISYAL.

Storm Surge Warning	May BABALA SA STORM SURGE para sa lugar na ito para sa panganib ng pagbaha na nagbabanta sa buhay. Ibinibigay lang hanggang 36 na oras bago magsimula ang mga mapanganib na kondisyon. Tapusin agad ang mga pagsisikap na protektahan ang buhay at ari-arian. Sundin ang mga utos sa paglikas kung ibinigay para sa lugar na ito para maiwasan ang pagkalunod o pagkaputol sa mga serbisyong pang-emergency.
Extreme Wind Warning	MAY BABALA SA MATINDING HANGIN para sa lugar na ito dahil sa agarang panganib ng mga hanging nagbabanta sa buhay. Magtago NGAYON sa isang panloob na kuwarto ng isang matibay na gusali, malayo sa mga bintana. Protektahan ang iyong ulo mula sa lumilipad na debris. HUWAG lumabas kapag kumalma ang panahon sa mata ng bagyo! Mabilis na magiging mapanganib muli ang hangin.
Test Alert	PAGTESTING ITO ng National Wireless Emergency Alert System. Layunin nitong mapanatili at pagbutihin ang mga kakayahan sa alert at babala sa mga antas ng pederal, estado, lokal, Tribal at teritoryal at para magawan ng ebalwasyon ang pampublikong alerto at mga kakayahan sa babala ng bansa. Walang aksyon ang kailangan ng publiko.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	BABALA sa TSUNAMI. Ang isang serye ng malalakas na alon at malakas na alon ay maaaring makaapekto sa mga baybayin na malapit sa iyo. Nasa panganib ka. Lumayo sa mga tubig sa baybayin. Lumipat sa mataas na lupa o sa loob ng bansa ngayon. Lumayo sa baybayin hanggang sa sabihin ng mga lokal na opisyal na ligtas nang bumalik.
Earthquake Warning	NAKA-DETECT NG LINDOL! Umupo, Magtakip, Kumapit. Protektahan ang Iyong Sarili.
Boil Water Advisory	ALERT SA PAGPAPAKULO NG TUBIG na ibinigay para sa inyong lugar. Ang tubig sa iyong komunidad ay maaaring magdulot ng sakit sa iyo. Gumamit ng nakaboteng tubig kung available. Huwag uminom, magluto, magsepilyo ng iyong ngipin, o linisin ang iyong tahanan gamit ang gripo o sinalang tubig hanggang sa pakuluan mo ito. Pakuluan ang tubig sa loob ng TATLONG MINUTO. Hayaang lumamig ang tubig bago gamitin. Huwag gumamit ng yelo na gawa sa tubig na hindi pa pinakuluan. Kung gagamit ka ng formula para pakainin ang iyong anak, gumamit ng ready-to-use formula. Siguraduhin na a hindi umiinom ng tubig na hindi pa pinakuluan ng mga alagang hayop. Tingnan ang lokal na media.
911 Outage Alert	May ALERT SA PAGKAWALA NG 911 sa lugar na ito. Pakikontak ang pulisya, bumbero, medikal, o iba pang mga serbisyong pang-emergency nang direkta sa kanilang mga lokal na numero ng telepono kung sakaling magkaroon ng emergency. Kung magda-dial ka sa 911, maaaring hindi ka makakuha ng tulong.
Avalanche Warning	May BABALA NG AVALANCE sa lugar na ito. Ang unstable at mabilis na paggalaw ng snow ay maaaring mangyari nang biglaan, na nagdudulot ng pinsala o kamatayan at maaaring humarang sa mga kalsada at makapinsala sa mga ari-arian sa mga apektadong lugar. UMALIS sa lugar na ito. HUWAG bumalik sa lugar pagkatapos ng paglikas

	hanggang sa iatas ng mga lokal na opisyal. Hindi inirerekomenda ang paglalakbay sa avalanche terrain. Maaaring umabot ng malalayong distansya ang mga avalanche
Fire Warning	BABALA SA SUNOG sa lugar na ito. Ilikas ang iyong pamilya at mga alagang hayop ngayon, huwag magpahuli. Mababawasan ang visibility sa lugar at maaaring maharangan ang mga kalsada. Kung hindi ka aalis ngayon, maaari kang makulong, masugatan, o mamatay. Asahan ang pagbawas ng visibility, mabigat na usok, at kahirapan sa paghinga. Mag-ingat sa pagmamaneho. Bantayan ang mga public safety personnel na nagtatrabaho sa lugar at sundin ang kanilang mga direksyon.
Hazardous Materials Warning	Isang release ng MGA MAPANGANIB NA MATERYAL ang naganap sa iyong lugar. Maaaring magdulot ang pagka-expose ng kahirapan sa paghinga, pagkawala ng koordinasyon, pagkasunog sa mata, ilong, lalamunan, o baga, pagduduwal, at posibleng kamatayan. UMALIS sa lugar na ito. KUNG NAGMAMANEHO para lumikas sa lugar, panatilihing nakasara ang mga bintana at vent ng sasakyan. HUWAG bumalik sa lugar pagkatapos ng paglikas hanggang sa iatas ng mga lokal na opisyal.
Evacuation Immediate	UMALIS KA AGAD. Inilabas ang utos ng paglikas sa iyong lugar. Ilikas ang iyong pamilya at mga alagang hayop ngayon, huwag magpahuli. Abangan ang mga public safety personnel na nagtatrabaho sa lugar at sundin ang kanilang mga direksyon.
Shelter in Place Warning	May BABALA SA PAGHANAP NG MASISILUNGAN na ibinigay sa iyong lugar. May panganib sa inyong lugar. Pumasok sa loob sa isang kuwarto sa loob, isara ang mga pinto at bintana, at manatili kung nasaan ka. Tingnan ang lokal na media. Manatiling alerto at mag-ingat.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: EMERGENCY NG BUHAWI sa [LOCATION] hanggang [TIME]. May nakitang buhawi sa lugar na ito. Isa itong sitwasyon na nagbabanta sa buhay. Sumilong ngayon sa isang basement o isang panloob na kuwarto sa pinakamababang palapag ng isang matibay na gusali. Kung nasa labas ka, sa isang mobile home, o sa isang sasakyan, lumipat sa pinakamalapit na malaking silungan at protektahan ang iyong sarili mula sa lumilipad na debris. Tingnan ang media. [URL]
Flash Flood Warning	[SENDING AGENCY]: May FLASH FLOOD EMERGENCY para sa [LOCATION] hanggang [TIME]. Isa itong sitwasyon na lubhang mapanganib at nagbabanta sa buhay. Huwag subukang maglakbay maliban kung tumatakas ka sa isang lugar na napapailalim sa pagbaha o sa ilalim ng isang utos ng paglikas. [URL]

Severe Thunderstorm Warning	[SENDING AGENCY]: May BABALA SA MALUBHANG BAGYO NA MAY KULOG AT KIDLAT para sa [LOCATION] hanggang [TIME] dahil sa MAPAMINSALANG hanging 80 milya kada oras. Sumilong sa isang matibay na gusali nangmalayo sa mga bintana. Maaaring nakamamatay ang lumilipad na debris sa mga maaabutannang walang silungan. [URL]
Snow Squall Warning	[SENDING AGENCY]: Babala sa Snow Squall para sa [LOCATION] hanggang [TIME]. Bagalan o ipagpaliban ang paglalakbay! Maging handa para sa biglaang pagbaba sa halos zero visibility at nagyeyelong mga kalsada sa makapal na niyebe. [URL]
Dust Storm Warning	[SENDING AGENCY]: BABALA SA DUST STORM para sa [LOCATION] hanggang [TIME]. Maging handa para sa biglaang pagbaba sa zero visibility. Tumabi, Manatiling Buhay! Kapag bumaba ang visibility, huminto sa malayo sa kalsada at i-park ang iyong sasakyan. Patayin ang mga ilaw at alisin ang iyong paa sa preno. Hinihikayat na mag-ingat ang mga sanggol, matatanda at mga may problema sa paghinga. [URL]
Hurricane Warning	[SENDING AGENCY]: MAYBABALA NG HURRICANE para sa [LOCATION] dahil sa mga mapanganib at mapaminsalang hangin na may bisa hanggang [TIME] . Ibinibigay ang babalang ito hanggang 36 na oras bago magsimula ang mga mapanganib na kondisyon. Tapusin agad ang mga pagsisikap na protektahan ang buhay at ari-arian. Magkaroon ng pagkain, tubig, pera, gasolina, at mga gamot na tatagal nang 3+ araw. SUNDIN ANG MGA DIREKSYON MULA SA MGA LOKAL NA OPISYAL. [URL]
Storm Surge Warning	[SENDING AGENCY]: MAY BABALA SA STORM SURGE para sa [LOCATION] para sa panganib ng nagbabanta sa buhay na pagbaha hanggang [TIME]. Ibinibigay ang babalang ito hanggang 36 na oras bago magsimula ang mga mapanganib na kondisyon. Tapusin agad ang mga pagsisikap na protektahan ang buhay at ari-arian. Sundin ang mga utos sa paglikas kung ibinigay para sa lugar na ito para maiwasan ang pagkalunod o pagkaputol sa mga serbisyong pang-emergency. [URL]
Extreme Wind Warning	[SENDING AGENCY]: May BABALA SAMATINDING HANGIN para sa [LOCATION] dahil sa agarang panganib ng mga hanging nagbabanta sa buhay hanggang [TIME]. Magtago NGAYON sa isang panloob na kuwarto ng isang matibay na gusali nangmalayo sa mga bintana. Protektahan ang iyong ulo mula sa lumilipad na debris. HUWAG lumabas kapag kalmado na dahil sa mata ng bagyo! Mabilis na magiging mapanganib muli ang hangin. [URL]
Test Alert	PAGTESTING ITO ng National Wireless Emergency Alert System na ipinadala ng [SENDING AGENCY]. Layunin nitong panatilihin at pagandahin ang mga kakayahan sa alert at babala sa mga antas ng pederal, estado, lokal, Tribal at teritoryal at para gawan ng ebalwasyon ang mga kakayahan sa pampublikong alert at babala ng bansa. Walang kinakailangang aksyon ng publiko. [URL]

MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: Ang TSUNAMI WARNING para sa [LOCATION] ay may bisa hanggang [TIME]. Ang isang serye ng malalakas na alon at malakas na alon ay maaaring makaapekto sa mga baybayin na malapit sa iyo. Nasa panganib ka. Lumayo sa mga tubig sa baybayin. Lumipat sa mataas na lupa o sa loob ng bansa ngayon. Lumayo sa baybayin hanggang sa sabihin ng mga lokal na opisyal na ligtas nang bumalik. [URL]
Earthquake Warning	NAKA-DETECT NG LINDOL! Umupo, Magtakip, Kumapit. Protektahan ang Iyong Sarili. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: Ang ALERT SA PAGPAPAKULO NG TUBIG na ibinigay para sa [LOCATION] ay may bisa hanggang [TIME]. Ang tubig sa iyong komunidad ay maaaring magdulot ng sakit sa iyo. Gumamit ng nakaboteng tubig kung available. Huwag uminom, magluto, magsepilyo ng iyong ngipin, o linisin ang iyong tahanan gamit ang gripo o sinalang tubig hanggang sa pakuluan mo ito. Pakuluan ang tubig sa loob ng TATLONG MINUTO. Hayaang lumamig ang tubig bago gamitin. Huwag gumamit ng yelo na gawa sa tubig na hindi pa pinakuluan. Kung gagamit ka ng formula para pakainin ang iyong anak, gumamit ng ready-to-use formula. Siguraduhin na hindi umiinom ng tubig na hindi pa pinakuluan ang mga alagang hayop. [URL]
911 Outage Alert	[SENDING AGENCY]: ALERT SA PAGKWALA NG 911 sa [LOCATION] hanggang [TIME]. Pakikontak ang pulisya, bumbero, medikal, o iba pang mga serbisyong pang-emergency nang direkta sa kanilang mga lokal na numero ng telepono kung sakaling magkaroon ng emergency. Kung magda-dial ka sa 911, maaaring hindi ka makakuha ng tulong. [URL]
Avalanche Warning	[SENDING AGENCY]: Ang BABALA SA AVALANCE na may bisa sa [LOCATION] ay may bisa hanggang [TIME]. Ang unstable at mabilis na paggalaw ng snow ay maaaring mangyari nang biglaan, na nagdudulot ng pinsala o kamatayan at maaaring humarang sa mga kalsada at makapinsala sa mga ari-arian sa mga apektadong lugar. UMALIS sa mga lugar na malapit sa [LOCATION]. HUWAG bumalik sa lugar pagkatapos ng paglikas hanggang sa iatas ng mga lokal na opisyal. Hindi inirerekomenda ang paglalakbay sa avalanche terrain. Maaaring umabot ng malalayong distansya ang mga avalanches. [URL]
Fire Warning	[SENDING AGENCY] Ang BABALA SA SUNOG sa [LOCATION] ay may bisa hanggang [TIME]. Ilikas ang iyong pamilya at mga alagang hayop ngayon, huwag magpahuli. Mababawasan ang visibility sa lugar at maaaring maharangan ang mga kalsada. Kung hindi ka aalis ngayon, maaari kang makulong, masugatan, o mapatay. UMALIS sa mga lugar na malapit sa [LOCATION]. Asahan ang pagbawas ng visibility, mabigat na usok, at kahirapan sa paghinga. Mag-ingat sa pagmamaneho. Abangan ang mga public safety personnel na nagtatrabaho sa lugar at sundin ang kanilang mga direksyon. [URL]

Hazardous Materials Warning	[SENDING AGENCY]: Isang release ng MGA MAPANGANIB NA MATERYAL ang naganap noong [TIME] sa [LOCATION]. Maaaring magdulot ang pagka-expose ng kahirapan sa paghinga, pagkawala ng koordinasyon, pagkasunog sa mata, ilong, lalamunan, o baga, pagduduwal, at posibleng kamatayan. UMALIS sa mga lugar na malapit sa [LOCATION]. KUNG NAGMAMANEHO para lumikas sa lugar, panatilihing nakasara ang mga bintana at vent ng sasakyan. HUWAG bumalik sa lugar pagkatapos ng paglikas maliban kung iniatas ng mga lokal na opisyal. [URL]
Evacuation Immediate	Naglabas ang [SENDING AGENCY] ng kautusan na lumikas para sa [LOCATION] na may bisa hanggang [TIME]. Ilikas ang iyong pamilya at mga alagang hayop ngayon, huwag magpahuli. Abangan ang mga public safety personnel na nagtatrabaho sa lugar at sundin ang kanilang mga direksyon. [URL]
Shelter in Place Warning	Nagbigay ang [SENDING AGENCY] ng babala sa paghahanap ng magsisilungan para sa [LOCATION] na may bisa hanggang [TIME]. May panganib sa inyong lugar. Pumasok sa loob ng kuwarto sa loob, isara ang mga pinto at bintana, at manatili kung nasaan ka. Manatiling alerto at mag-ingat. [URL]

VIETNAMESE TRANSLATION

STATIC ALERT TEMPLATES

Alert Type	Alert Template
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	KHẨN CẤP LỐC XOÁY. Lốc xoáy xuất hiện ở khu vực này. Đây là một tình huống đe dọa tính mạng. Hãy trú ẩn ngay bây giờ ở tầng hầm hoặc phòng bên trong ở tầng thấp nhất của một tòa nhà kiên cố. Nếu bạn đang ở ngoài trời, trong nhà di động hoặc trên ô tô, hãy di chuyển đến nơi trú ẩn chắc chắn gần nhất và bảo vệ bản thân khỏi các mảnh vụn bay. Kiểm tra phương tiện truyền thông.
Flash Flood Warning	KHẨN CẤP LŨ QUÉT có hiệu lực đối với khu vực này. Đây là một tình huống cực kỳ nguy hiểm và đe dọa tính mạng. Đừng cố gắng di chuyển trừ khi bạn đang chạy trốn khỏi khu vực bị lũ lụt hoặc có lệnh sơ tán.
Severe Thunderstorm Warning	CẢNH BÁO GIÔNG NGHIÊM TRỌNG có hiệu lực đối với khu vực này vì sức gió TÀN PHÁ 80 dặm/giờ. Hãy trú ẩn trong một tòa nhà vững chắc, tránh xa cửa sổ. Các mảnh vụn bay có thể gây tử vong cho những người bị bắt mà không có nơi trú ẩn.
Snow Squall Warning	CẢNH BÁO BÃO TUYẾT có hiệu lực đối với khu vực này. Làm chậm hoặc trì hoãn việc đi lại! Hãy sẵn sàng cho tình huống tầm nhìn giảm đột ngột xuống gần bằng 0 và đường bị đóng băng do tuyết dày.
Dust Storm Warning	CẢNH BÁO BÃO BỤI cho khu vực này. Hãy sẵn sàng cho việc giảm tầm nhìn đột ngột xuống mức 0. Kéo sang một bên, sống sót! Khi tầm nhìn giảm, hãy tấp xe ra xa đường và đỗ xe. Tắt đèn và giữ chân không phanh. Trẻ sơ sinh, người già và những người có vấn đề về hô hấp được khuyến khích nên đề phòng.
Hurricane Warning	CẢNH BÁO CUỒNG PHONG có hiệu lực đối với khu vực này vì có gió nguy hiểm và gây thiệt hại. Cảnh báo này được đưa ra tối đa 36 giờ trước khi các điều kiện nguy hiểm bắt đầu. Khẩn trương hoàn thành các nỗ lực để bảo vệ tính mạng và tài sản. Có thức ăn, nước uống, tiền mặt, nhiên liệu và thuốc men trong hơn 3 ngày. LÀM THEO HƯỚNG DẪN CỦA CÁC VIÊN CHỨC ĐỊA PHƯƠNG.
Storm Surge Warning	CẢNH BÁO TRIỀU CƯỜNG DO BÃO đang có hiệu lực đối với khu vực này vì nguy cơ lũ lụt đe dọa tính mạng. Cảnh báo này được đưa ra tối đa 36 giờ trước khi các điều kiện nguy hiểm bắt đầu. Khẩn trương hoàn thành các nỗ lực để bảo vệ tính mạng và tài sản. Tuân theo lệnh sơ tán nếu được đưa ra cho khu vực này để tránh bị chết đuối hoặc bị cắt khỏi các dịch vụ khẩn cấp.
Extreme Wind Warning	CẢNH BÁO GIÓ CỰC MẠNH có hiệu lực đối với khu vực này vì nguy cơ trước mắt là gió đe dọa tính mạng. Hãy ẩn náu NGAY BÂY GIỜ trong một căn phòng bên trong của một tòa nhà kiên cố, cách xa cửa sổ. Bảo vệ đầu của bạn

	khỏi các mảnh vụn bay. KHÔNG đi ra ngoài khi có mắt bão yên tĩnh! Gió sẽ nhanh chóng trở nên nguy hiểm trở lại.
Test Alert	ĐÂY LÀ KIỂM TRA Hệ thống cảnh báo khẩn cấp không dây quốc gia. Mục đích là để duy trì và cải thiện khả năng cảnh báo và cảnh báo ở cấp liên bang, tiểu bang, địa phương, bộ lạc và lãnh thổ, đồng thời đánh giá khả năng cảnh báo và cảnh báo công cộng của quốc gia. Không có hành động nào được yêu cầu bởi công đồng.
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	CẢNH BÁO SÓNG THẦN. Một loạt sóng mạnh và dòng chảy mạnh có thể tác động đến các bờ biển gần bạn. Bạn đang gặp nguy hiểm. Rời xa vùng nước ven biển. Di chuyển đến vùng đất cao hoặc nội địa ngay bây giờ. Tránh xa bờ biển cho đến khi các quan chức địa phương cho biết có thể quay trở lại an toàn.
Earthquake Warning	PHÁT HIỆN ĐỘNG ĐẤT! Nằm xuống, Che phủ, Giữ chặt. Tự bảo vệ bản thân.
Boil Water Advisory	CẢNH BÁO NƯỚC SÔI được ban hành cho khu vực của bạn. Nước trong cộng đồng của bạn có thể khiến bạn bị bệnh. Sử dụng nước đóng chai nếu có. Không uống, nấu ăn, đánh răng hoặc lau nhà bằng vòi hoặc nước lọc cho đến khi đun sôi. Đun sôi nước trong BA PHÚT. Để nước nguội trước khi sử dụng. Không sử dụng đá làm bằng nước chưa đun sôi. Nếu bạn sử dụng sữa công thức để cho con ăn, hãy sử dụng sữa công thức pha sẵn. Đảm bảo vật nuôi không uống nước chưa đun sôi. Kiểm tra phương tiện truyền thông địa phương.
911 Outage Alert	CẢNH BÁO sập nguồn 911 ở khu vực này. Vui lòng liên hệ trực tiếp với cảnh sát, cứu hỏa, y tế hoặc các dịch vụ khẩn cấp khác theo số điện thoại địa phương của họ trong trường hợp khẩn cấp. Nếu bạn quay số 911, bạn có thể không nhận được trợ giúp.
Avalanche Warning	CẢNH BÁO TUYẾT LỞ ở khu vực này. Tuyết di chuyển nhanh, không ổn định có thể xảy ra nhanh chóng, gây thương tích hoặc tử vong, đồng thời có thể chặn đường và gây thiệt hại tài sản ở các khu vực bị ảnh hưởng. RỜI KHỎI khu vực này. KHÔNG quay lại khu vực sau khi sơ tán cho đến khi có chỉ dẫn của quan chức địa phương. Du lịch trong địa hình tuyết lở không được khuyến khích. Tuyết lở có thể chạy rất xa.
Fire Warning	CẢNH BÁO HỎA HOẠN ở khu vực này. Hãy sơ tán gia đình và vật nuôi của bạn ngay bây giờ, đừng trì hoãn. Tầm nhìn trong khu vực sẽ bị giảm và đường có thể bị tắc nghẽn. Nếu không rời đi ngay bây giờ, bạn có thể bị mắc kẹt, bị thương hoặc bị giết. Dự kiến tầm nhìn bị giảm, khói dày đặc và khó thở. Hãy cẩn thận khi lái xe. Quan sát nhân viên an toàn công cộng hoạt động trong khu vực và làm theo hướng dẫn của họ.

Hazardous Materials Warning	Đã xảy ra sự cố rò rỉ VẬT LIỆU NGUY HIỂM trong khu vực của bạn. Phơi nhiễm có thể gây khó thở, mất khả năng phối hợp, cảm giác nóng rát ở mắt, mũi, họng hoặc phổi, buồn nôn và có thể tử vong. RỜI KHỎI khu vực này. NẾU LÁI XE đến khu vực sơ tán, hãy đóng cửa sổ và lỗ thông hơi của ô tô. KHÔNG quay lại khu vực sau khi sơ tán cho đến khi có chỉ dẫn của quan chức địa phương.
Evacuation Immediate	Sơ tán ngay lập tức. Lệnh sơ tán được ban hành trong khu vực của bạn. Hãy sơ tán gia đình và vật nuôi của bạn ngay bây giờ, đừng trì hoãn. Quan sát nhân viên an toàn công cộng hoạt động trong khu vực và làm theo hướng dẫn của họ.
Shelter in Place Warning	CẢNH BÁO TÌM NƠI TRÚ ẨN được ban hành trong khu vực của bạn. Nguy hiểm trong khu vực của bạn. Đi vào một căn phòng bên trong, đóng các cửa ra vào và cửa sổ rồi ở yên tại chỗ. Kiểm tra phương tiện truyền thông địa phương. Hãy cảnh giác và vận dụng sự thận trọng.

FORM-FILLABLE ALERT TEMPLATES

Alert Type	**Alert Template**
MOST COMMONLY ISSUED ALERTS	
Tornado Warning	[SENDING AGENCY]: CẢNH BÁO LỐC LỐC ở [LOCATION] cho đến [TIME]. Lốc xoáy xuất hiện ở khu vực này. Đây là một tình huống nguy hiểm đến tính mạng.. Hãy trú ẩn ngay bây giờ ở tầng hầm hoặc phòng bên trong ở tầng thấp nhất của một tòa nhà kiên cố. Nếu bạn đang ở ngoài trời, trong nhà di động hoặc trên ô tô, hãy di chuyển đến nơi trú ẩn chắc chắn gần nhất và bảo vệ bản thân khỏi các mảnh vụn bay. Kiểm tra phương tiện truyền thông. [URL]
Flash Flood Warning	[SENDING AGENCY]: CẢNH BÁO LŨ QUÉT có hiệu lực đối với [LOCATION] cho đến [TIME]. Đây là một tình huống cực kỳ nguy hiểm và đe dọa tính mạng. Đừng cố gắng di chuyển trừ khi bạn đang chạy trốn khỏi khu vực bị lũ lụt hoặc có lệnh sơ tán. [URL]
Severe Thunderstorm Warning	[SENDING AGENCY]: CẢNH BÁO GIÔNG có hiệu lực từ [LOCATION] cho đến [TIME] đối với sức gió PHÁ HỦY 80 dặm/giờ. Hãy trú ẩn trong một tòa nhà vững chắc, tránh xa cửa sổ. Các mảnh vụn bay có thể gây tử vong cho những người bị bắt mà không có nơi trú ẩn. [URL]
Snow Squall Warning	[SENDING AGENCY]: Cảnh báo bão tuyết cho [LOCATION] cho đến [TIME]. Làm chậm hoặc trì hoãn việc đi lại! Hãy sẵn sàng cho tình huống tầm nhìn giảm đột ngột xuống gần bằng 0 và đường băng giá với tuyết dày. [URL]
Dust Storm Warning	[SENDING AGENCY]: CẢNH BÁO BÃO BỤI cho [LOCATION] cho đến [TIME]. Hãy sẵn sàng cho việc giảm tầm nhìn đột ngột xuống mức 0. Kéo sang một bên, sống sót! Khi tầm nhìn giảm, hãy tấp xe ra xa đường và đỗ xe. Tắt đèn và giữ chân không phanh. Trẻ sơ sinh, người già và những người có vấn đề về hô hấp được khuyến khích nên đề phòng. [URL]

Hurricane Warning	[SENDING AGENCY]: CẢNH BÁO BÃO có hiệu lực đối với [LOCATION] do gió nguy hiểm và có sức tàn phá có hiệu lực cho đến [TIME]. Cảnh báo này được đưa ra tối đa 36 giờ trước khi các điều kiện nguy hiểm bắt đầu. Khẩn trương hoàn thành các nỗ lực để bảo vệ tính mạng và tài sản. Có thức ăn, nước uống, tiền mặt, nhiên liệu và thuốc men trong hơn 3 ngày. THEO HƯỚNG DẪN CỦA CÁC VIÊN CHỨC ĐỊA PHƯƠNG. [URL]
Storm Surge Warning	[SENDING AGENCY]: CẢNH BÁO TRIỀU CƯỜNG DO BÃO có hiệu lực đối với [LOCATION] vì nguy cơ lũ lụt đe dọa tính mạng cho đến [TIME]. Cảnh báo này được đưa ra tối đa 36 giờ trước khi các điều kiện nguy hiểm bắt đầu. Khẩn trương hoàn thành các nỗ lực để bảo vệ tính mạng và tài sản. Tuân theo lệnh sơ tán nếu được đưa ra cho khu vực này để tránh bị chết đuối hoặc bị cắt khỏi các dịch vụ khẩn cấp. [URL]
Extreme Wind Warning	[SENDING AGENCY]: CẢNH BÁO GIÓ CỰC MẠNH có hiệu lực đối với [LOCATION] vì nguy cơ gió đe dọa tính mạng ngay lập tức cho đến [TIME]. Hãy ẩn náu NGAY BÂY GIỜ trong một căn phòng bên trong của một tòa nhà kiên cố, cách xa cửa sổ. Bảo vệ đầu của bạn khỏi các mảnh vụn bay. KHÔNG đi ra ngoài khi có mắt bão yên tĩnh! Gió sẽ nhanh chóng trở nên nguy hiểm trở lại. [URL]
Test Alert	ĐÂY LÀ KIỂM TRA Hệ thống cảnh báo khẩn cấp không dây quốc gia được gửi bởi [SENDING AGENCY]. Mục đích là để duy trì và cải thiện khả năng cảnh báo và cảnh báo ở cấp liên bang, tiểu bang, địa phương, Bộ lạc và lãnh thổ, đồng thời đánh giá khả năng cảnh báo và cảnh báo công cộng của quốc gia. Không có hành động nào được yêu cầu bởi công chúng. [URL]
MOST TIME-SENSITIVE ALERTS	
Tsunami Warning	[SENDING AGENCY]: CẢNH BÁO SÓNG THẦN cho [LOCATION] có hiệu lực cho đến [TIME]. Một làn sóng mạnh mẽ và dòng năng lượng có thể tác động đến các bờ biển gần bạn. Bạn đang gặp nguy hiểm. Đổi vùng nước ven biển. Chuyển đến vùng đất cao hoặc nội địa ngay bây giờ. Tránh xa bờ biển cho đến khi các quan chức địa phương cho biết có thể quay trở lại an toàn. [URL]
Earthquake Warning	PHÁT HIỆN ĐỘNG ĐẤT! Nằm xuống, Che phủ, Giữ chặt. Tự bảo vệ bản thân. [SENDING AGENCY] [URL]
Boil Water Advisory	[SENDING AGENCY]: CẢNH BÁO NƯỚC SÔI được ban hành cho [LOCATION] có hiệu lực cho đến [TIME]. Nước trong cộng đồng của bạn có thể khiến bạn bị bệnh. Sử dụng nước đóng chai nếu có. Không uống, nấu ăn,

	đánh răng hoặc lau nhà bằng vòi hoặc nước lọc cho đến khi đun sôi. Đun sôi nước trong BA PHÚT. Để nước nguội trước khi sử dụng. Không sử dụng đá làm bằng nước chưa đun sôi. Nếu bạn sử dụng sữa công thức để cho con ăn, hãy sử dụng sữa công thức pha sẵn. Đảm bảo vật nuôi không uống nước chưa đun sôi. [URL]
911 Outage Alert	[SENDING AGENCY]: CẢNH BÁO SẬP NGUỒN 911 tại [LOCATION] cho đến [TIME]. Vui lòng liên hệ trực tiếp với cảnh sát, cứu hỏa, y tế hoặc các dịch vụ khẩn cấp khác theo số điện thoại địa phương của họ trong trường hợp khẩn cấp. Nếu bạn quay số 911, bạn có thể không nhận được trợ giúp. [URL]
Avalanche Warning	[SENDING AGENCY]: CẢNH BÁO TUYẾT LỞ có hiệu lực tại [LOCATION] có hiệu lực cho đến [TIME]. Tuyết di chuyển nhanh, không ổn định có thể xảy ra nhanh chóng, gây thương tích hoặc tử vong, đồng thời có thể chặn đường và gây thiệt hại tài sản ở các khu vực bị ảnh hưởng. RỜI KHỎI các khu vực gần [LOCATION]. KHÔNG quay lại khu vực sau khi sơ tán cho đến khi có chỉ dẫn của quan chức địa phương. Du lịch trong địa hình tuyết lở không được khuyến khích. Tuyết lở có thể di chuyển rất xa. [URL]
Fire Warning	[SENDING AGENCY] CẢNH BÁO HỎA HOẠN ở [LOCATION] có hiệu lực cho đến [TIME]. Hãy sơ tán gia đình và vật nuôi của bạn ngay bây giờ, đừng trì hoãn. Tầm nhìn trong khu vực sẽ bị giảm và đường có thể bị tắc nghẽn. Nếu không rời đi ngay bây giờ, bạn có thể bị mắc kẹt, bị thương hoặc mất mạng. RỜI KHỎI các khu vực gần [LOCATION]. Dự kiến tầm nhìn bị giảm, khói dày đặc và khó thở. Hãy cẩn thận khi lái xe. Quan sát nhân viên an toàn công cộng hoạt động trong khu vực và làm theo hướng dẫn của họ. [URL]
Hazardous Materials Warning	[SENDING AGENCY]: Đã xảy ra sự cố phát tán VẬT LIỆU NGUY HIỂM vào [TIME] ở [LOCATION]. Phơi nhiễm có thể gây khó thở, mất khả năng phối hợp, cảm giác nóng rát ở mắt, mũi, họng hoặc phổi, buồn nôn và có thể tử vong. RỜI KHỎI các khu vực gần [LOCATION]. NẾU LÁI XE đến khu vực sơ tán, hãy đóng cửa sổ và lỗ thông hơi của ô tô. KHÔNG quay lại khu vực sau khi sơ tán trừ khi có chỉ dẫn của quan chức địa phương. [URL]
Evacuation Immediate	[SENDING AGENCY] đã ban hành lệnh sơ tán cho [LOCATION] có hiệu lực cho đến [TIME]. Hãy sơ tán gia đình và vật nuôi của bạn ngay bây giờ, đừng trì hoãn. Quan sát nhân viên an toàn công cộng hoạt động trong khu vực và làm theo hướng dẫn của họ. [URL]
Shelter in Place Warning	[SENDING AGENCY] đã đưa ra cảnh báo trú ẩn tại chỗ cho [LOCATION] có hiệu lực cho đến [TIME]. Nguy hiểm trong khu vực của bạn. Đi vào một căn phòng bên trong, đóng các cửa ra vào và cửa sổ rồi ở yên tại chỗ. Hãy cảnh giác và sử dụng thận trọng. [URL]

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: http://www.fcc.gov (or ftp.fcc.gov)
TTY (202) 418-2555

DA No. 24-138

Report No. SCL-00451 **Thursday February 15, 2024**

Actions Taken Under Cable Landing License Act

Section 1.767(a) Cable Landing Licenses, Modifications, and Assignments or Transfers of Control of Interests in Cable Landing Licenses (47 CFR § 1.767(a))

By the Chief, Telecommunications and Analysis Division, Office of International Affairs:

Pursuant to an Act relating to the landing and operation of submarine cables in the United States, 47 U.S.C. §§ 34-39 (Cable Landing License Act), Executive Order No. 10530, Exec. Ord. No. 10530 reprinted as amended in 3 U.S.C. § 301, and section 1.767 of the Commission's rules, 47 CFR § 1.767, the following applications ARE GRANTED. These grants of authority are taken under section 0.261 of the Commission's rules. 47 CFR § 0.261. Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules may be filed within thirty (30) days of the date of this public notice. 47 CFR §§ 1.106, 1.115.

These applications have been coordinated with the Department of State and other Executive Branch agencies pursuant to section 1.767(b) of the Commission's rules and consistent with procedures established with the Department of State. 47 CFR § 1.767(b); see Review of Commission Consideration of Applications under the Cable Landing License Act, IB Docket No. 00-106, Report and Order, 16 FCC Rcd 22167, 22192-93, paras. 51-52 (2001) (Submarine Cable Landing License Report and Order); Commission Announces Department of State's Revised Procedures for its Consideration of Submarine Cable Landing License Applications, IB Docket No. 16-155, Public Notice, DA 22-435 (rel. Apr. 19, 2022).

This public notice serves as each cable landing licensee's Cable Landing License, or modification thereto, pursuant to the Cable Landing License Act and sections 1.767 and 1.768 of the Commission's rules. 47 CFR §§ 1.767, 1.768. Cable landing licensees should review the terms and conditions of their licenses. Failure to comply with these terms and conditions or relevant Commission rules and policies could result in fines or forfeitures.

INFORMATIVE

SCL-STA-20240122-00002 Edge Cable Holdings USA, LLC

On February 14, 2024, we granted the request for special temporary authority (STA) filed by Edge Cable Holdings USA, LLC, AMCS LLC, Keppel Midgard Holdings Pte Ltd, Keppel Midgard USA, Inc., and PT Telekomunikasi Indonesia International (together, the Applicants) to construct, connect, and test at their own risk those portions of the Bifrost cable system in U.S. territory prior to the Commission's action on the pending cable landing license application for the Bifrost cable system (SCL-LIC-20221209-00036). The Applicants acknowledge that grant of the STA will not prejudice action by the Commission on the underlying application and that the STA is subject to cancellation or modification upon notice. Further, the Applicants acknowledge that such STA can be revoked by the Commission on its own motion without a hearing.

The STA expires on August 12, 2024.

SCL-STA-20240123-00003 Latam Telecommunications, L.L.C.

On February 14, 2024, we granted the request for special temporary authority (STA) filed by LATAM Telecommunications, LLC and Puerto Rico Telephone Company, Inc. (together, the Applicants) to continue operating the segment and associated landing points connecting Isla San Andrés, Colombia and Puerto Limón, Costa Rica to the América Móvil Submarine Cable System (AMX1 system) (SCL-LIC-20120330-00002) while the Commission considers an application for authority for that segment and landing points (SCL-MOD-20230915-00025). The Applicants acknowledge that grant of this STA request will not prejudice action by the Commission and that such STA is subject to cancellation or modification upon notice without a hearing. The Applicants further acknowledge that such STA can be revoked by the Commission on its own motion without a hearing.

The STA expires on August 12, 2024.

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

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DA No. 24-139

Report No. TEL-02342 **Thursday February 15, 2024**

International Authorizations Granted

Section 214 Applications (47 CFR §§ 63.18, 63.24); Section 310(b) Petitions (47 CFR § 1.5000)

By the Chief, Telecommunications and Analysis Division, Office of International Affairs:

The following applications have been granted pursuant to the Commission's processing procedures set forth in sections 63.12 and 63.20 of the Commission's rules. 47 CFR §§ 63.12, 63.20.

Unless otherwise noted, these grants authorize the applicants to: (1) become a facilities-based international common carrier subject to 47 CFR §§ 63.21, 63.22 and/or a resale-based international common carrier subject to 47 CFR §§ 63.21, 63.23; (2) assign or transfer control of international section 214 authority in accordance with 47 CFR § 63.24; or (3) exceed the foreign ownership benchmarks applicable to common carrier radio licensees under 47 U.S.C. § 310(b); see Subpart T of Part 1 of the Commission's rules, 47 CFR §§ 1.5000-5004.

THIS PUBLIC NOTICE SERVES AS EACH NEWLY AUTHORIZED CARRIER'S SECTION 214 CERTIFICATE. It contains general and specific conditions, which are set forth below. Newly authorized carriers should carefully review the terms and conditions of their authorizations. Failure to comply with general or specific conditions of an authorization, or with other relevant Commission rules and policies, could result in fines and forfeitures.

Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules, 47 CFR §§ 1.106, 1.115, in regard to the grant of any of these applications may be filed within 30 (thirty) days of this public notice. See 47 CFR § 1.4(b)(2).

ITC-214-20240104-00002 E 10TEL LLC

International Telecommunications Certificate

Service(s): Global or Limited Global Facilities-Based Service, Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/09/2024

10TEL LLC (10TEL) filed an application for authority to provide facilities-based services in accordance with section 63.18(e)(1) of the Commission's rules and resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(1), (2).

10TEL is a Florida limited liability company. The direct owners of 10TEL are Luciano Garavaglia, a U.S. citizen (50%), and Identidad Advertising Development LLC (IAD), a U.S. entity (50%). IAD is wholly owned by Infomovil Television & Systems Corp. (IT&S), a Florida corporation. IT&S is owned by four U.S. citizens: Gabriel Sanchez (33.34%), Andres Sanchez (33.34%), Maria Paulina Merced (16.66%), and James Merced (16.66%).

ITC-214-20240109-00004 E South Central Rural Telecommunications Cooperative Inc.

International Telecommunications Certificate

Service(s): Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/09/2024

South Central Rural Telecommunications Cooperative Inc. (South Central) filed an application for authority to provide resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(2).

South Central, a Kentucky rural cooperative, has no 10% or greater direct or indirect owners.

ITC-214-20240109-00005 E Duo County Telephone Cooperative, Inc.

International Telecommunications Certificate

Service(s): Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/09/2024

Duo County Telephone Cooperative, Inc. (DCTC) filed an application for authority to provide resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(2).

DCTC, a Kentucky rural cooperative, has no 10% or greater direct or indirect owners.

ITC-214-20240109-00006 E Logan Telephone Cooperative Inc

International Telecommunications Certificate

Service(s): Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/09/2024

Logan Telephone Cooperative Inc (LTC) filed an application for authority to provide resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(2).

LTC, a Kentucky rural cooperative, has no 10% or greater direct or indirect owners.

ITC-214-20240110-00003 E Brandenburg Telecom LLC

International Telecommunications Certificate

Service(s): Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/09/2024

Brandenburg Telecom LLC (Brandenburg Telecom) filed an application for authority to provide resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(2).

Brandenburg Telecom is a wholly owned subsidiary of Brandenburg Communications Corp., both Kentucky entities. The following individuals, all U.S. citizen, hold a 10% or greater ownership interest in Brandenburg Communications Corp.: Mary Ann Tobin (37%), Allison Willoughby (14%), J.D. Tobin III (14%), and Tom Hulett Tobin (14%).

ITC-214-20240118-00009 E New York Mobile, LLC

International Telecommunications Certificate

Service(s): Global or Limited Global Facilities-Based Service, Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/09/2024

New York Mobile, LLC (NY Mobile) filed an application for authority to provide facilities-based service in accordance with section 63.18(e)(1) of the Commission's rules and resale service in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(1), (2).

NY Mobile is a Delaware limited liability company. The direct owners of NY Mobile are Glen Lerner, a U.S. citizen (10%), and Got Numbers LLC (Got Numbers), a Delaware limited liability company (90%). Got Numbers is owned by ePhoneNumbers, LLC (ePhoneNumbers), a Delaware limited liability company (37%); D&D Media LLC (D&D), a California limited liability company (33.5%); and D10S Azzurri Inc. (D10S), a Delaware limited liability company (27.5%). ePhoneNumbers is wholly owned by Arlene Touris, a U.S. citizen. D&D is wholly owned by Dan Miller, a U.S. citizen. D10S is wholly owned by Giovanni Perone, a U.S. citizen.

ITC-ASG-20240129-00021 E Tello Communication, LLC

Assignment

Grant of Authority Date of Action: 02/13/2024

Current Licensee: Tello, LLC

FROM: Tello, LLC

TO: Tello Communication, LLC

On January 29, 2024, Tello Communication, LLC (Tello Communication) filed a notification of the pro forma assignment of an international section 214 authorization for the provision of global facilities-based and resale service (ITC-214-20170714-00127) from Tello, LLC (Tello) to Tello Communication, effective January 24, 2023. In a corporate reorganization, Tello assigned its international 214 authorization to Tello Communication, its direct wholly owned subsidiary. Both Tello and Tello Communications are Georgia limited liability companies.

ITC-T/C-20231212-00151 E OUTFITTER SATELLITE, INC.

Transfer of Control

Grant of Authority Date of Action: 02/09/2024

Current Licensee: OUTFITTER SATELLITE, INC.

FROM: OUTFITTER SATELLITE, INC.

TO: NextPlat Corp

Outfitter Satellite, Inc. (Outfitter Satellite), a Tennessee corporation that holds an international section 214 authorization to provide global facilities-based and resale service (ITC-214-20090423-00176), filed an application for consent to the transfer of control of Outfitter Satellite to NextPlat Corp. (NextPlat). Pursuant to the terms of a May 5, 2023 agreement, NextPlat will acquire all the shares of Outfitter Satellite from James T. McKinley, the sole owner of Outfitter Satellite.

NextPlat, a Nevada corporation, has the following 10% or greater direct owners: Charles Matthew Fernandez, a U.S. citizen (27%); Rodney Barreto, a U.S. citizen (18%); and the Frost Gamma Investments Trust, a Florida entity (14%). The trustee for the Frost Gamma Investments Trust is Philip Frost, a U.S. citizen. Frost Gamma Limited Partnership is the sole and exclusive beneficiary of the Frost Gamma Investments Trust, both U.S. entities. The general partner of Frost Gamma Limited Partnership is Frost Gamma, Inc., which is wholly owned by Frost-Nevada Corporation, both U.S. entities, which, in turn, is wholly owned by Phillip Frost.

This authorization is without prejudice to the Commission's action in any other related pending proceedings.

INFORMATIVE

ITC-214-19980914-00637 Personal Touch Communications, L.P.

By letter filed February 12, 2024, the Commission was notified that Cumby Cellular Communications, Inc. has changed its name to Personal Touch Communications, LP.

SURRENDER

ITC-214-19961018-00524 MOUNTAIN WEST LONG DISTANCE

MOUNTAIN WEST LONG DISTANCE notified the Commission of the surrender of its international section 214 authorization.

ITC-214-19990128-00045 Affordable Voice Communications Inc.

Affordable Voice Communications Inc. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20010503-00274 Public Service Cellular, Inc.

Public Service Cellular, Inc. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20190610-00119 WORLDCALLTEL.COM, INC.

WORLDCALLTEL.COM, INC. notified the Commission of the surrender of its international section 214 authorization.

CONDITIONS APPLICABLE TO INTERNATIONAL SECTION 214 AUTHORIZATIONS

(1) These authorizations are subject to the Exclusion List for International Section 214 Authorizations, which identifies restrictions on providing service to particular countries or using particular facilities. The most recent Exclusion List is at the end of this Public Notice. The list applies to all U.S. international carriers, including those that have previously received global or limited global section 214 authority, whether by Public Notice or specific written order. Carriers are advised that the attached Exclusion List is subject to amendment at any time pursuant to the procedures set forth in Streamlining the International Section 214 Authorization Process and Tariff Requirements, IB Docket No. 95-118, 11 FCC Rcd 12884 (1996), para. 18. A copy of the current Exclusion List is maintained in the FCC Reference Information Center and is available at https://www.fcc.gov/exclusion-list-international-section-214-authorizations. It is also attached to each Public Notice that grants international Section 214 authority.

(2) The export of telecommunications services and related payments to countries that are subject to economic sanctions may be restricted. For information concerning current restrictions, call the Office of Foreign Assets Control, U.S. Department of the Treasury, (202) 622-2520.

(3) Carriers shall comply with the requirements of Section 63.11 of the Commission's rules, which requires notification by, and in certain circumstances prior notification by, U.S. carriers acquiring an affiliation with foreign carriers. A carrier that acquires an affiliation with a foreign carrier will be subject to possible reclassification as a dominant carrier on an affiliated route pursuant to the provisions of section 63.10 of the rules.

(4) A carrier may provide switched services over its authorized resold private lines in the circumstances specified in section 63.23(d) of the rules, 47 CFR § 63.23(d).

(5) Carriers shall comply with the "No Special Concessions" rule, section 63.14, 47 CFR § 63.14.

(6) Carriers regulated as dominant for the provision of a particular communications service on a particular route for any reason other than a foreign carrier affiliation under section 63.10 of the rules shall file tariffs pursuant to Section 203 of the Communications Act, as amended, 47 U.S.C. § 203, and Part 61 of the Commission's Rules, 47 CFR Part 61. Carriers shall not otherwise file tariffs except as permitted by section 61.19 of the rules, 47 C.F.R. § 61.19. Except as specified in section 20.15 with respect to commercial mobile radio service providers, carriers regulated as non-dominant, as defined in section 61.3, and providing detariffed international services pursuant to section 61.19, must comply with all applicable public disclosure and maintenance of information requirements in sections 42.10 and 42.11.

(7) International facilities-based service providers must file and maintain a list of U.S.-international routes on which they have direct termination arrangements with a foreign carrier. 47 CFR § 63.22(h). A new international facilities-based service provider or one without existing direct termination arrangements must file its list within thirty (30) days of entering into a direct termination arrangement(s) with a foreign carrier(s). Thereafter, international facilities-based service providers must update their lists within thirty (30) days after adding a termination arrangement for a new foreign destination or discontinuing an arrangement with a previously listed destination. See Process For The Filing Of Routes On Which International Service Providers Have Direct Termination Arrangements With A Foreign Carrier, ITC-MSC-20181015-00182, Public Notice, 33 FCC Rcd 10008 (IB 2018).

(8) Any U.S. Carrier that owned or leased bare capacity on a submarine cable between the United States and any foreign point must file a Circuit Capacity Report to provide information about the submarine cable capacity it holds. 47 CFR § 43.82(a)(2). See https://www.fcc.gov/circuit-capacity-data-us-international-submarine-cables.

(9) Carriers should consult section 63.19 of the rules when contemplating a discontinuance, reduction or impairment of service.

(10) If any carrier is reselling service obtained pursuant to a contract with another carrier, the services obtained by contract shall be made generally available by the underlying carrier to similarly situated customers at the same terms, conditions and rates. 47 U.S.C. § 203.

(11) To the extent the applicant is, or is affiliated with, an incumbent independent local exchange carrier, as those terms are defined in section 64.1902 of the rules, it shall provide the authorized services in compliance with the requirements of section 64.1903.

(12) Except as otherwise ordered by the Commission, a carrier authorized here to provide facilities-based service that (i) is classified as dominant under section 63.10 of the rules for the provision of such service on a particular route and (ii) is

affiliated with a carrier that collects settlement payments for terminating U.S. international switched traffic at the foreign end of that route may not provide facilities-based switched service on that route unless the current rates the affiliate charges U.S. international carriers to terminate traffic are at or below the Commission's relevant benchmark adopted in International Settlement Rates, IB Docket No. 96-261, Report and Order, 12 FCC Rcd 19806 (1997). See also Report and Order on Reconsideration and Order Lifting Stay in IB Docket No. 96-261, FCC 99-124 (rel. June 11, 1999). For the purposes of this rule, "affiliated" and "foreign carrier" are defined in section 63.09.

(13) Carriers shall comply with the Communications Assistance for Law Enforcement Act (CALEA), see 47 CFR §§ 1.20000 et seq.

(14) Every carrier must designate an agent for service in the District of Columbia. see 47 U.S.C. § 413, 47 CFR §§ 1.47(h), 64.1195.

(15) Each carrier shall notify the Commission of any change in its contact information. Such notification shall be filed in the file number(s) for the international section 214 authorization(s) through the International Communications Filing System (ICFS).

Exclusion List for International Section 214 Authorizations

The following is a list of countries and facilities not covered by grant of global section 214 authority under section 63.18(e)(1) of the Commission's Rules, 47 CFR § 63.18(e)(1). Carriers desiring to serve countries or use facilities listed as excluded hereon shall file a separate section 214 application pursuant to section 63.18(e)(3) of the Commission's Rules. See 47 CFR § 63.22(c).

Countries:

None.

Facilities:

Any non-U.S.-licensed space station that has not received Commission approval to operate in the U.S. market pursuant to the procedures adopted in the Commission's DISCO II Order, IB Docket No. 96-111, Report and Order, FCC 97-399, 12 FCC Rcd 24094, 24107-72 paragraphs 30-182 (1997) (DISCO II Order). Information regarding non-U.S.-licensed space stations approved to operate in the U.S. market pursuant to the Commission's DISCO II procedures is maintained at https://www.fcc.gov/approved-space-station-list.

This list is subject to change by the Commission when the public interest requires. The most current version of the list is maintained at https://www.fcc.gov/exclusion-list-international-section-214-authorizations.

For additional information, contact the Office of International Affairs, Telecommunications and Analysis Division at (202) 418-1480.

Federal Communications Commission
Washington, D.C. 20554

February 15, 2024

DA 24-140
In Reply Refer to:
1800B3-RDM
Released February 15, 2024

Hippy Dippy Tree Hugger Radio
c/o Franchesca Lineberry
108 Riverside Lane
Galax, VA 24333
(sent by electronic mail to: franchescamedic@icloud.com)

Albert Adam David
2632 Kenilworth Ave.
Berwyn, IL 60402
(sent by electronic mail to: albert.a.david@hotmail.com)

In re: **Hippy Dippy Tree Hugger Radio**
New LPFM, Galax, VA
Facility ID No. 788734
Application File No. 0000232974

Informal Objection

Dear Applicant and Objector:

We have before us the application filed by Hippy Dippy Tree Hugger Radio (Hippy) for a construction permit for a new low power FM (LPFM) station at Galax, Virginia.[1] We also have before us the Informal Objection (Objection) filed by Albert Adam David (David), seeking dismissal of the Application.[2] For the reasons set forth below, we grant the Objection and dismiss the Application.

Background. Hippy filed the Application during the 2023 LPFM Filing Window.[3] Hippy asserted in an attachment to its Application that it is an "unincorporated association located in the [Commonwealth] of Virginia . . . since 11/1/2021."[4] On January 19, 2024, David filed the Objection, arguing that the Application fails to include required documentation demonstrating that the applicant

[1] Application File No. 0000232974 (Application).

[2] Pleading File No. 0000235818 (filed Jan. 19, 2024). Hippy did not file an opposition to the Objection.

[3] *Media Bureau Announces Filing Procedures and Requirements for November 1 – November 8, 2023, Low Power FM Filing Window*, Public Notice, DA 23-642 (MB July 31, 2023) (*Procedures Public Notice*). Based on a request from LPFM advocates, the Bureau subsequently delayed the window until December 6, 2023. *Media Bureau Announces Revised Dates for LPFM New Station Application Filing Window*, Public Notice, DA 23-984 (MB Oct. 17, 2023). The Bureau subsequently extended the close of the window until December 15, 2023. *Media Bureau Announces Extension of LPFM New Station Application Filing Window*, Public Notice, DA 23-1150 (MB Dec. 11, 2023).

[4] *See* Application at Attach. "Hippy Dippy.pdf".

organization is an unincorporated association recognized in its relevant jurisdiction.[5] Thus, David argues, the Application fails to demonstrate that Hippy is an entity eligible to hold an LPFM license.[6]

Discussion. Pursuant to section 309(d) of the Communications Act of 1934, as amended (Act),[7] petitions to deny and informal objections must provide properly supported allegations of fact that, if true, would establish a substantial and material question of fact that grant of the application would be *prima facie* inconsistent with the public interest.[8]

An LPFM applicant must meet basic eligibility requirements[9] and certify its eligibility to own and operate an LPFM station at the time that it files its FCC Form 2100, Schedule 318 application (LPFM Application).[10] Specifically, each applicant claiming eligibility as a nonprofit educational organization must certify it is a noncommercial educational institution, corporation, foundation, association, or entity that is recognized under state law.[11] Thus, an LPFM applicant must be incorporated, registered, or otherwise organized under the laws of the state in which it proposes to operate the proposed LPFM station at the time its application is submitted.[12] Each applicant must submit an explanatory exhibit in connection with its application.[13]

In the Application, Hippy certifies that it is a nonprofit educational institution or organization,[14] and in an attachment to the Application, Hippy states that it is an "unincorporated association located in the [Commonwealth] of Virginia . . . since 11/1/2021."[15] Commission precedent establishes that an unincorporated association applicant "must submit documents demonstrating it is recognized in its relevant jurisdiction and that the organization meets the requirements for such an entity."[16] Such documentation may, for example, include a letter signed by a local attorney licensed to practice in the

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[5] Objection at 1 (citing *Procedures Public Notice* at 6 ("Any applicant that is an unincorporated association must submit documents demonstrating it is recognized in its relevant jurisdiction and that the organization meets the requirements for such an entity.")).

[6] *See id.*

[7] 47 U.S.C. § 309(d).

[8] *See, e.g.*, *WWOR-TV, Inc*., Memorandum Opinion and Order, 6 FCC Rcd 193, 197 n.10 (1990), *aff'd sub nom. Garden State Broad. L.P. v. FCC*, 996 F. 2d 386 (D.C. Cir. 1993), *rehearing denied* (Sep. 10, 1993); *Gencom, Inc. v. FCC*, 832 F.2d 171, 181 (D.C. Cir. 1987); *Area Christian Television, Inc*., Memorandum Opinion and Order, 60 RR 2d 862, 864, para. 6 (1986) (petitions to deny and informal objections must contain adequate and specific factual allegations sufficient to warrant the relief requested).

[9] *See* 47 CFR § 73.853.

[10] *See* Instructions for LPFM Application, Legal Certifications, Eligibility Certifications. *See also* LPFM Application, Legal Certifications, Eligibility Certifications.

[11] *See id.*

[12] *See id. See also* 47 U.S.C. § 397(6)(A).

[13] *See* LPFM Application, Legal Certifications, Eligibility Certifications. *See also Procedures Public Notice* at 6 (nonprofit educational organizations "also must submit complete copies of the documents establishing their nonprofit status, such as corporate charters or articles of incorporation.").

[14] *See* Application at Legal Certifications, Eligibility Certifications.

[15] *See* Application at Attach. "Hippy Dippy.pdf".

[16] *Procedures Public Notice* at 6 (citing *Applications for Review of Decisions Regarding Six Applications for New Low Power FM Stations*, Memorandum Opinion and Order, 28 FCC Rcd 13390, 13397-98, para. 22 (2013)).

state where the applicant proposes to operate, the citation and text of a state statute permitting unincorporated entities, or any other official documentation showing the applicant's existence as a separate legal entity.[17] Such documentation must include some explanation of how and when the applicant, prior to filing the application, satisfied the requirements for an unincorporated association under state law.[18] Applicants which neglect to provide the requisite eligibility documentation are subject to dismissal.[19]

Hippy neglects to provide any evidence, as required, demonstrating that it is an unincorporated association recognized under state law.[20] Hippy does not cite to any Virginia law recognizing unincorporated associations and fails to explain or discuss how its organizational structure is consistent with the requirements of Virginia law.[21] Additionally, Hippy has not provided a description of any actual activity it engaged in which would qualify it as an unincorporated association prior to filing the Application.[22] Therefore, we find that Hippy has failed to demonstrate that it was organized as a nonprofit entity in a form recognized by Virginia law at the time it filed the Application. Accordingly, we grant the Objection, and dismiss the Application.

Conclusion/Action. Accordingly, **IT IS ORDERED** that the Informal Objection filed on January 19, 2024 (Pleading No. 0000235818) by Albert Adam David **IS GRANTED**.

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[17] *See M&M Community Development, Inc.*, Letter Order, 21 FCC Rcd 7983, 7984 (2006) (listing documents that could support an applicant's claim to being an unincorporated association). *See also Hope Radio of Rolla, Inc.*, Letter Order, 22 FCC Rcd 4822, 4823 (2007).

[18] *See Wynnewood Community Radio Association*, Memorandum Opinion and Order, 29 FCC Rcd 6309 (2014) (affirming dismissal of noncommercial educational application where applicant showed that Oklahoma law recognizes unincorporated associations, but failed to demonstrate that it satisfied requirements of unincorporated associations under Oklahoma law). *See also Fondren Community Voices*, Letter Order, 30 FCC Rcd 3003, 3004-5 (2015) (citation to state statute without explanation of how organization complies with requirements of unincorporated association law insufficient to demonstrate applicant was recognized as such an entity) (*Fondren Community Voices*).

[19] *See Procedures Public Notice* at 6.

[20] *See* Application at Attach. "Hippy Dippy.pdf". We note that Hippy also fails to provide documentation specifically demonstrating its nonprofit status.

[21] *See Fondren Community Voices*, 30 FCC Rcd at 3004-5 (applicant's citation of a state statute recognizing unincorporated associations was insufficient to demonstrate that the applicant was recognized as such an entity because the applicant failed to describe how its activities or organizational structure qualified it as an unincorporated association under state law).

[22] *See id.*

IT IS FURTHER ORDERED that the application of Hippy Dippy Tree Hugger Radio for a construction permit for a new low power FM station at Galax, Virginia (Application File No. 0000232974) **IS DISMISSED**.

Sincerely,

Albert Shuldiner
Chief, Audio Division
Media Bureau

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-141
Released: February 15, 2024

WTB LAUNCHES ENHANCED COMPETITION INCENTIVE PROGRAM BEGINNING FEBRUARY 15, 2024

WT Docket No. 19-38

On February 15, 2024, the Wireless Telecommunications Bureau will begin accepting assignment and lease applications to participate in the Enhanced Competition Incentive Program (ECIP). ECIP establishes incentives for wireless licensees to make underutilized spectrum available to small carriers, Tribal Nations, and entities serving rural areas. The new program encourages licensees to partition, disaggregate, or lease spectrum to better match available spectrum resources with entities that seek to provide needed services to under-connected communities.

In July 2022, the Commission established ECIP,[1] and certain ECIP rules became effective on October 20, 2022.[2] In the *ECIP Report and Order,* the Commission adopted rules that contain new or modified information collection requirements requiring review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act.[3] The effective date of these rules was based on publication in the Federal Register of a notice announcing OMB approval of the new or modified information collection requirements. Such notice was published in the Federal Register on February 15, 2024, and specified that the rules became effective immediately.

Beginning February 15, 2024, the Wireless Telecommunications Bureau (WTB) will accept applications under the ECIP. A licensee may file a transaction application seeking ECIP benefits by electronically filing Form 603 for assignments, partitions, and disaggregations or Form 608 for lease arrangements. The updated forms will contain the new ECIP questions. We clarify that pending applications that were filed prior to February 15, 2024, or applications that are consented to but not yet consummated, prior to February 15, 2024, are not eligible for processing under ECIP and cannot be amended to seek consideration under ECIP. Applicants seeking ECIP benefits for a pending transaction may withdraw a pending or consented to application and re-file using the updated Form 603/608, as appropriate, on or after February 15, 2024. We note that such applications will be placed on Public

[1] See *In the Matter of Partitioning, Disaggregation, and Leasing of Spectrum*, WT Docket No. 19-38, Report and Order and Second Further Notice of Proposed Rulemaking, 37 FCC Rcd 8825, 8826 para. 2 (2022) (*ECIP Report and Order*); see also *In the Matter of Partitioning, Disaggregation, and Leasing of Spectrum*, WT Docket No. 19-38, Erratum (rel. Sep. 20, 2022); *In the Matter of Partitioning, Disaggregation, and Leasing of Spectrum*, WT Docket No. 19-38, Second Erratum (rel. Oct. 19, 2022).

[2] A summary of the *Report and Order* was published in the Federal Register on September 20, 2022. Federal Communications Commission, Partitioning Disaggregation, and Leasing of Spectrum, 87 Fed. Reg. 57403 (Sep. 20, 2022).

[3] 47 CFR §§ 1.60001-1.60007. *Report and Order and Second Further Notice of Proposed Rulemaking,* 37 FCC Rcd at 8863, para. 125. These information collections were approved by OMB on September 25, 2023, December 5, 2023, and January 18, 2024. *See* OMB Control Nos. 3060-0798, 3060-0800, 3060-1058.

Notice per Commission rule section 1.933.[4]

For any additional inquiries regarding technical support, please submit help requests at https://www.fcc.gov/wtbhelp or call (877) 480-3201, 8:00 a.m. – 6:00 p.m. EST, Monday through Friday. For additional inquiries regarding ECIP applications, please contact Stephanie Asous, Attorney Advisor of the Wireless Telecommunications Bureau, Mobility Division at Stephanie.Asous@fcc.gov. Tribal Nations interested in ECIP can contact the FCC's Office of Native Affairs and Policy at native@fcc.gov or Lloyd Collier, Attorney Advisor, of the Consumer and Governmental Affairs Bureau, Office of Native Affairs and Policy at Lloyd.Collier@fcc.gov.

- FCC -

[4] 47 CFR § 1.933.

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov
TTY: 1-888-835-5322

DA 24-142
Released: February 15, 2024

ANNOUNCEMENT OF COMMENT AND REPLY COMMENT DATES FOR PUBLIC NOTICE SEEKING COMMENT ON USING THE DATA INCLUDED IN THE BROADBAND SERVICEABLE LOCATION FABRIC FOR CERTAIN HIGH-COST DEPLOYMENT OBLIGATIONS

WC Docket No. 10-90
WC Docket No. 16-271
WC Docket No. 18-143
WC Docket No. 19-126
AU Docket No. 20-34

Comments Due: March 15, 2024
Reply Comments Due: April 1, 2024

On January 25, 2024, the Wireline Competition Bureau (WCB) released a Public Notice (*High-Cost Fabric Public Notice*) seeking comment on using the data included in the Broadband Serviceable Location Fabric to update and verify compliance with certain High-Cost program support recipients' deployment obligations.[1] The *High-Cost Fabric Public Notice* set deadlines for filing comments and reply comments at 30 and 45 days, respectively, after publication of the *High-Cost Fabric Public Notice* in the Federal Register.[2]

By this Public Notice, the WCB announces that the *High-Cost Fabric Public Notice* was published in the Federal Register on February 14, 2024.[3] Comments must be submitted no later than Friday, March 15, 2024. Reply comments must be submitted no later than Monday, April 1, 2024. Commenters should review the filing requirements provided in the *High-Cost Fabric Public Notice*.[4] The *High-Cost Fabric Public Notice* is also available on the Commission's website.[5]

For additional information, contact Heidi Lankau, Attorney Advisor, Telecommunications Access Policy Division, WCB, at Heidi.Lankau@fcc.gov.

-FCC-

[1] *Wireline Competition Bureau Seeks Comment on Leveraging the Broadband Serviceable Location Fabric for High-Cost Support Mechanism Deployment Obligations*, WC Docket No. 10-90 et al., Public Notice, DA 24-77 (WCB Jan. 25, 2024) (*High-Cost Fabric Public Notice*).

[2] *Id.* at 1.

[3] *Wireline Competition Bureau Seeks Comment on Leveraging the Broadband Serviceable Location Fabric for High-Cost Support Mechanism Deployment Obligations*, Proposed Rule, 89 Fed. Reg. 11239 (Feb. 14, 2024).

[4] *High-Cost Fabric Public Notice* at 23-24.

[5] *See* https://www.fcc.gov/document/wcb-seeks-comment-using-fabric-high-cost-deployment-obligations.

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: http://www.fcc.gov (or ftp.fcc.gov)
TTY (202) 418-2555

DA No. 24-143

Report No. SAT-01800 **Friday February 16, 2024**

Satellite Licensing Division and Satellite Programs and Policy Division Information

Actions Taken

The Commission, by its Space Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-AMD-20231214-00318 E S3160 MethaneSAT LLC
Amendment
Grant of Authority Effective Date: 02/09/2024

Nature of Service: Earth Exploration Satellite Service

See ICFS File No. SAT-LOA-20230228-00042 for a description of the action taken.

SAT-LOA-20230228-00042 E S3160 MethaneSAT LLC
Launch and Operating Authority
Grant of Authority Effective Date: 02/09/2024

Nature of Service: Earth Exploration Satellite Service

On February 9, 2024, the Satellite Programs and Policy Division granted, with conditions, authority to MethaneSAT LLC, to construct, deploy and operate a single microsatellite in low-Earth, non-geostationary orbit, to be known as MethaneSAT-1. MethaneSAT-1 will operate with a 590 km (±10 km) altitude in circular orbit, with a 97.47 (±0.5) degrees inclination. MethaneSAT is authorized to operate in the earth exploration-satellite service using the 8025-8400 MHz frequency band, with a center frequency of 8175.0 MHz, and a 96.0 megahertz bandwidth (space-to-Earth) (data downlink). The satellite will perform telemetry, tracking, and command using the 2025-2110 MHz frequency band, with a center frequency of 2034.5 MHz and a 200 kilohertz bandwidth (Earth-to-space), and the 2200-2290 MHz frequency band, with center frequency of 2234.5 MHz, and a 2.0 megahertz bandwidth (space-to-Earth).

SAT-MOD-20231113-00281 E S3084 Intuitive Machines
Modification
Grant of Authority Effective Date: 02/13/2024

Nature of Service: Other

On February 13, 2024, the Satellite Programs and Policy Division granted, with conditions, modification of the license of Intuitive Machines LLC for its lunar lander, NOVA-C/IM-1, to authorize: (1) operations of a low-power transmitter in the 100-1300 MHz band, and (2) communications between a deployable camera device and the NOVA-C/IM-1 spacecraft near the lunar surface in the 5170-5190 MHz band.

SAT-MOD-20240205-00024 E S2935 O3b Limited
Modification
Grant of Authority Effective Date: 02/15/2024

Nature of Service: Fixed Satellite Service, Mobile Satellite Service

Record update to reflect revised ownership information following pro forma transfer of control of U.S. market access grantee.

SAT-STA-20231211-00312 E S2380 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 02/14/2024

On February 14, 2024, the Satellite Programs and Policy Division granted, with conditions, Intelsat License LLC's request for special temporary authority, for a period of 180 days, to conduct telemetry, tracking and command (TT&C) operations necessary to drift Intelsat 9 from the 310.0° E.L. orbital location to the 66.25° E.L. orbital location using the following TT&C center frequencies: 11.7005 GHz, 11.7020 GHz (space-to-Earth), 14.0005 GHz, and 14.4945 GHz (Earth-to-space).

SAT-STA-20231211-00313 E S2382 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 02/14/2024

On February 14, 2024, the Satellite Programs and Policy Division granted, with conditions, Intelsat License LLC's request for special temporary authority, for a period of 180 days, to conduct telemetry, tracking and command (TT&C) operations necessary to drift Intelsat 10 from the 177.8° E.L. orbital location to the 66.10° E.L. orbital location using the following TT&C center frequencies: 11.6990 GHz, 12.7475 GHz, 12.7485 GHz, 12.7495 GHz (space-to-Earth), 14.0005 GHz, and 14.4995 GHz (Earth-to-space).

SAT-STA-20240206-00026 E S2368 Intelsat License LLC
Special Temporary Authority
Withdrawn Effective Date: 02/14/2024

CORRECTIONS

SAT-LOA-20210611-00079 S3094 Intelsat License LLC

The informative text in Public Notice, DA 21-841, is corrected to remove the 13.25-13.75 GHz band. The frequency bands included in the first-step application for Intelsat 43 were 10.7-12.75 GHz, 13-13.25 GHz, 13.75-14.75 GHz, 17.3-20.2 GHz, 27.5-30 GHz, 37.5-43.5 GHz, 47.2-50.2 GHz, and 50.4-52.4 GHz.

INFORMATIVE

SAT-LOA-20210611-00079 S3094 Intelsat License LLC

The Satellite Programs and Policy Division has determined that Intelsat License LLC has completed its two-step license application for the Intelsat 43 space station at 137.1° W.L. and may release the bond associated with this application. See 47 CFR §§ 25.110(b)(3)(iv), 25.165(f), (g).

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-144
Released: February 16, 2024

MEDIA BUREAU ANNOUNCES EFFECTIVE DATE OF QUADRENNIAL REVIEW REPORT AND ORDER

MB Docket No. 18-349

On December 22, 2023, the Commission adopted the *2018 Quadrennial Review Report and Order* (*Report and Order*), which retained the existing media ownership rules and adopted minor modifications that tailored them better to the current media marketplace.[1] Specifically, the *Report and Order* retained the Dual Network Rule and the Local Radio Ownership Rule, the latter of which was modified only to make permanent the interim contour-overlap methodology long used to determine ownership limits in areas outside the boundaries of defined Nielsen Audio Metro markets and in Puerto Rico.[2] For the Local Television Ownership Rule, the *Report and Order* updated the methodology for determining station ranking within a market to better reflect current industry practices and expanded the existing prohibition on use of affiliation to circumvent the restriction on acquiring a second top-four ranked station in a market.[3] The rules become effective 30 days after publication of the *Report and Order* in the Federal Register.[4] The Federal Register published a summary of the *2018 Quadrennial Review Report and Order* on February 15, 2024.[5] Accordingly, the rules adopted in the *Report and Order* will take effect on March 18, 2024.[6]

People with Disabilities: To request materials in accessible formats for people with disabilities (Braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 844-432-2275 (videophone).

For further information regarding this proceeding, contact Ty Bream, Industry Analysis Division, Media Bureau, 202-418-0644.

-FCC-

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[1] *2018 Quadrennial Regulatory Review – Review of the Commission's Broadcast Ownership Rules and Other Rules Adopted Pursuant to Section 202 of the Telecommunications Act of 1996*, Report and Order, FCC 23-117 (Dec. 26, 2023).

[2] *Id.* at 2, para. 2.

[3] *Id.*

[4] *Id.* at 79, para. 153.

[5] Federal Communications Commission, 2018 Quadrennial Regulatory Review – Review of the Commission's Broadcast Ownership Rules, 89 Fed. Reg. 12196 (Feb. 15, 2024).

[6] *Id.* Changes to Commission Forms required as the result of the rule amendments adopted in the *Report and Order* are delayed indefinitely, and the Commission will publish a document in the Federal Register announcing the effective date for changes to the Commission Forms. *Id.*

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
R2 Space, LLC	)	File No.: EB-IHD-21-00032623
	)	CD Acct. No.: 202432080006
	)	FRN: 0028118156
	)	
	)	

ORDER

Adopted: February 21, 2024 **Released: February 21, 2024**

By the Chief, Enforcement Bureau:

1. The Enforcement Bureau (Bureau) of the Federal Communications Commission (Commission) has entered into a Consent Decree to resolve its investigation into whether R2 Space, LLC (R2 Space) failed to seek Commission approval prior to transferring control of its satellite license (Call Sign S3067) from R2 Space to Meta Aerospace, LLC (Meta). To settle this matter, R2 Space admits that it violated the Commission's rules as described, will implement a compliance plan, and will pay an $8,000 civil penalty.

2. After reviewing the terms of the Consent Decree and evaluating the facts before us, we find that the public interest would be served by adopting the Consent Decree and terminating the referenced investigation regarding R2 Space's compliance with section 310(d) of the Communications Act of 1934, as amended (Act),[1] and section 25.119(a) of the Commission's rules.[2]

3. In the absence of material new evidence relating to this matter, we do not set for hearing the question of R2 Space's basic qualifications to hold or obtain any Commission license or authorization.[3]

4. Accordingly, **IT IS ORDERED** that, pursuant to section 4(i) of the Act, 47 U.S.C. § 154(i), and the authority delegated by sections 0.111 and 0.311 of the Commission's rules, 47 CFR §§ 0.111, 0.311, the attached Consent Decree **IS ADOPTED** and its terms incorporated by reference.

5. **IT IS FURTHER ORDERED** that the above-captioned matter **IS TERMINATED** in accordance with the terms of the attached Consent Decree**.**

[1] 47 U.S.C. § 310(d).

[2] 47 CFR § 25.119(a).

[3] *See id.* § 1.93(b).

6. **IT IS FURTHER ORDERED** that a copy of this Order and Consent Decree shall be sent by first class mail and certified mail, return receipt requested, to Joseph I. Farina, President, R2 Space, LLC, 553 West William Street, Suite 401, Ann Arbor, Michigan 48103, and to Steven A. Rowings, Akin Gump Strauss Hauer & Feld, LLP, 2001 K Street NW, Washington, DC 20006.

FEDERAL COMMUNICATIONS COMMISSION

Loyaan A. Egal
Chief
Enforcement Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
R2 Space, LLC	)	File No.: EB-IHD-21-00032623
	)	CD Acct. No.: 202432080006
	)	FRN: 0028118156
	)	
	)	

CONSENT DECREE

1. The Enforcement Bureau (Bureau) of the Federal Communications Commission (Commission or FCC) and R2 Space, LLC (R2 Space or Company),[1] by their authorized representatives, hereby enter into this Consent Decree for the purpose of terminating the Enforcement Bureau's investigation, as defined below, into whether R2 Space violated section 310(d) of the Communications Act of 1934, as amended (Act) and section 25.119(a) of the Commission's rules (Rules) governing the requirements regarding seeking Commission approval prior to transferring control of FCC licenses. Specifically, the Bureau investigated whether R2 Space failed to seek Commission approval prior to transferring control of its satellite license (Call Sign S3067) from R2 Space to Meta Aerospace, LLC (Meta). To resolve this matter, R2 Space agrees to implement a compliance plan and pay an $8,000 civil penalty.

I. DEFINITIONS

2. For the purposes of this Consent Decree, the following definitions shall apply:

(a) "Act" means the Communications Act of 1934, as amended.[2]

(b) "Adopting Order" means an order of the Bureau adopting the terms of this Consent Decree without change, addition, deletion, or modification.

(c) "Bureau" means the Enforcement Bureau of the Federal Communications Commission.

(d) "CD Acct. No." means account number 202432080006, associated with payment obligations described in paragraph 20 of this Consent Decree.

(e) "Commission" and "FCC" mean the Federal Communications Commission and all of its bureaus and offices.

(f) "Communications Laws" means collectively, the Act, the Rules, and the published and promulgated orders and decisions of the Commission to which R2 Space is subject by virtue of its business activities, including but not limited to the Unauthorized Transfer Rules.

(g) "Compliance Officer" means the individual identified at paragraph 15 of this Consent Decree as the person responsible for administration of the Compliance Plan.

[1] Any entity that is a "Small Business Concern" as defined in the Small Business Act (Pub. L. 85-536, as amended) may avail itself of rights set forth in that Act, including rights set forth in 15 U.S.C. § 657, "Oversight of Regulatory Enforcement," in addition to other rights set forth herein.

[2] 47 U.S.C. § 151 *et seq.*

(h) "Compliance Plan" means the compliance obligations, program, and procedures described in this Consent Decree at paragraph 16. The Compliance Plan provides for obligations to continue for three years from the effective date. All obligations thereunder are waived for any period in those years during which R2 Space does not hold FCC authorizations.

(i) "Covered Employees" means all employees and agents of R2 Space who perform, supervise, oversee, or manage the performance of, duties that relate to R2 Space's responsibilities under the Communications Laws, including the Unauthorized Transfer Rules.

(j) "Effective Date" means the date by which both the Bureau and R2 Space have signed the Consent Decree and the Bureau has released an Adopting Order.

(k) "Investigation" means the investigation commenced by the Bureau in EB-IHD-21-00032623 regarding whether R2 Space violated the Unauthorized Transfer Rules.

(l) "LOI" means the Letter of Inquiry issued by the Bureau to R2 Space on July 10, 2023, in EB-IHD-21-00032623 in connection with the Company's compliance with the Act and the Commission's Rules.

(m) "Operating Procedures" means the standard internal operating procedures and compliance policies established by R2 Space to implement the Compliance Plan.

(n) "Parties" means R2 Space and the Bureau, each of which is a "Party."

(o) "Remedial Applications and Waiver Requests" means Applications for Transfer of Control, Assignment, and/or Special Temporary Authority, IBFS File Nos. SAT-T/C-20210423-00056; SAT−STA−20210423−00057; and SAT-ASG-20220719-00069.

(p) "Rules" means the Commission's regulations found in Title 47 of the Code of Federal Regulations.

(q) "R2 Space" means R2 Space, LLC and its affiliates, subsidiaries, predecessors-in-interest, and successors-in-interest.

(r) "Unauthorized Transfer Rules" means section 310(d) of the Act[3] and section 25.119(a) of the Rules,[4] pertaining to the unauthorized transfers of control and assignments of satellite licenses.

II. BACKGROUND

3. *Legal Framework.* Section 310(d) of the Act provides that no radio licenses "shall be transferred, assigned, or disposed of in any manner, voluntarily or involuntarily, directly or indirectly, or by transfer of control of any corporation holding [the] license," unless the license holder applies for Commission authority to transfer the license, and the Commission finds that the transfer is in the "public interest, convenience, and necessity."[5] The Commission has adopted rules governing the procedures and establishing the conditions for obtaining approval from the Commission for transactions involving the transfer of control or assignment of satellite licenses.

4. Section 25.119 of the Rules similarly requires that applicants seek and receive Commission consent prior to the transfer of a licensee's control or assignment of a satellite license.[6]

[3] *Id.* § 310(d).

[4] 47 CFR § 25.119(a).

[5] 47 U.S.C. § 310(d).

[6] 47 CFR § 25.119(a).

Specifically, section 25.119 of the Rules requires that an entity seeking to voluntarily transfer control of a corporation that holds a satellite license must submit an FCC Form 312, Main Form and Schedule A, and obtain a grant of the application prior to consummating the proposed transaction.

5. *Factual Background*. R2 Space is a privately owned Delaware limited liability company that was originally incorporated in Virginia under the name R2 Ventures, Inc., which was changed to R2 Space, Inc. on June 20, 2018.[7] On December 18, 2020, the Satellite Division of the International Bureau issued R2 Space, Inc. a license to construct, deploy, and operate one non-geostationary orbit satellite.[8] On March 19, 2021, in anticipation of a future acquisition, R2 Space underwent an internal reorganization whereby it was converted from an S-corporation to a limited liability company.[9] On March 25, 2021, Meta Aerospace, LLC (Meta) acquired a 61.75% equity interest in R2 Space.[10]

6. On April 23, 2021, R2 Space filed an application for authorization of this transfer of control, seeking *nunc pro tunc* approval of the March 25, 2021 transaction and requesting a waiver of section 25.119 of the Commission's rules. On that same date, R2 Space filed an application for Special Temporary Authority (STA) permission to continue operating the satellite license during the pendency of the transfer of control application.[11] On August 3, 2021, the Satellite Division referred this matter to the Enforcement Bureau for investigation.[12] On July 19, 2022, R2 Space filed an application for authorization of the *pro forma* assignment that occurred when R2 Space converted from an S-corporation to an LLC.[13] All of the foregoing applications remain pending.

7. On July 10, 2023, the Bureau sent a Letter of Inquiry (LOI) to R2 Space.[14] On August 9, 2023, R2 Space responded to the LOI.[15] In its response, R2 Space conceded that it did not provide notice to or receive authorization from the Commission prior to consummating the above transactions.[16]

8. R2 Space currently plans on selling its interest in satellite license S3067 to ICEYE US, Inc., a wholly owned U.S. subsidiary of ICEYE OY, a privately owned Finnish company based in Espoo, Finland. On May 19, 2023, ICEYE US, Inc., filed an assignment application and STA Request with Space Bureau in connection with the proposed transaction.[17] Upon completion of the sale, which remains

[7] Letter from Joseph I. Farina, President, R2 Space, LLC, to Patrick M. McGrath, Chief, Investigations & Hearings Division, at Response to Inquiry 1 (Aug. 9, 2023) (on file in EB-IHD-21-00032623) (LOI Response).

[8] *Application for Satellite Space Station Authorizations,* IBFS File No. SAT-LOA-20200511-00042 (May 11, 2020) (*Application*).

[9] LOI Response at Response to Inquiry 1.

[10] *Id*. at Responses to Inquiries 1, 16. Meta subsequently renamed itself Metrea. *See* Press Release, Metrea LLC, Meta Aerospace Is Now Metrea (Oct. 10, 2022), https://metrea.aero/meta-aerospace-is-now-metrea/.

[11] *Application for Space Station Special Temporary Authority*, IBFS File No. SAT-STA-20210423-00057 (Apr. 23, 2021) (*STA Application*).

[12] *See* E-Mail from Karl Kensinger, Deputy Chief, Satellite Division, FCC International Bureau, to Jeffrey Gee, Chief, Investigations and Hearings Division, FCC Enforcement Bureau (Aug. 3, 2021, 13:52 EDT) (on file in EB-IHD-21-00032623).

[13] *Application for Satellite Space and Earth Station Authorizations for Transfer of Control or Assignment*, IBFS File No. SAT-ASG-20220719-00069 (July 19, 2022) (*Transfer of Control Application*).

[14] *See* Letter from Patrick M. McGrath, Chief, Investigations and Hearings Division, to Joseph I. Farina, President, R2 Space, LLC (July 10, 2023) (on file in EB-IHD-21-00032623).

[15] *See* LOI Response.

[16] *See id*. at Response to Inquiry 16.

[17] *See Application for Satellite Space and Earth Station Authorizations for Transfer of Control or Assignment*, IBFS File No. SAT-ASG-20230519-00116 (May 19, 2023); *Application for Space Station Temporary Authority*, IBFS File No. SAT-STA-20230519-00117 (May 19, 2023).

pending due to the Investigation, R2 Space does not anticipate engaging in any operations or otherwise acquiring assets or ownership interests that would require Commission authorization.

9. The Bureau's Investigation revealed that R2 Space transferred control of its satellite license in connection with its acquisition by Meta without prior Commission approval and effected a *pro forma* assignment of the same license when converting its business to an LLC without prior Commission approval.[18] To resolve this matter, the Parties enter into this Consent Decree and agree to the following terms and conditions as provided below.

III. TERMS OF AGREEMENT

10. **Adopting Order**. The provisions of this Consent Decree shall be incorporated by the Bureau in an Adopting Order.

11. **Jurisdiction**. R2 Space agrees that the Bureau has jurisdiction over it and the matters contained in this Consent Decree and has the authority to enter into and adopt this Consent Decree.

12. **Effective Date**. The Parties agree that this Consent Decree shall become effective on the Effective Date as defined herein. As of the Effective Date, the Parties agree that this Consent Decree shall have the same force and effect as any other order of the Commission.

13. **Termination of Investigation**. In express reliance on the covenants and representations in this Consent Decree and to avoid further expenditure of public resources, the Bureau agrees to terminate the Investigation. In consideration for the termination of the Investigation, R2 Space agrees to the terms, conditions, and procedures contained herein. The Bureau further agrees that, in the absence of new material evidence, it will not use the facts developed in the Investigation through the Effective Date, or the existence of this Consent Decree, to institute, on its own motion, any new proceeding, formal or informal, or take any action on its own motion against R2 Space concerning the matters that were the subject of the Investigation, or to set for hearing the question of R2 Space's basic qualifications to be a Commission licensee or hold Commission licenses or authorizations based on the matters that were the subject of the Investigation.[19]

14. **Admission of Liability**. R2 Space admits for the purpose of this Consent Decree and for Commission civil enforcement purposes, and in express reliance on the provisions of paragraph 13 herein, that its action described above in paragraphs 5 and 7 of this Consent Decree violated the Unauthorized Transfer Rules.

15. **Compliance Officer**. Within thirty (30) calendar days after the Effective Date, R2 Space shall designate a senior corporate manager with the requisite corporate and organizational authority to serve as a Compliance Officer and to discharge the duties set forth below. The person designated as the Compliance Officer shall be responsible for developing, implementing, and administering the Compliance Plan and ensuring that R2 Space complies with the terms and conditions of the Compliance Plan and this Consent Decree. In addition to the general knowledge of the Communications Laws necessary to discharge his or her duties under this Consent Decree, the Compliance Officer shall have specific knowledge of the Unauthorized Transfer Rules prior to assuming his/her duties.

16. **Compliance Plan**. For purposes of settling the matters set forth herein, R2 Space agrees that it shall, within sixty (60) calendar days after the Effective Date, develop and implement a Compliance Plan designed to ensure future compliance with the Commission's Unauthorized Transfer Rules and with the terms and conditions of this Consent Decree. R2 Space will implement, at a minimum, the following procedures:

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[18] *See generally Application for Satellite Space and Earth Station Authorizations for Transfer of Control or Assignment*, IBFS File No. SAT-T/C-20210423-00056 (Apr. 23, 2021), *STA Application*, *supra* note 11, *Transfer of Control Application*, *supra* note 13; LOI Response at Response to Inquiry 16.

[19] *See* 47 CFR § 1.93(b).

(a) **Operating Procedures**. Within sixty (60) calendar days after the Effective Date, R2 Space shall establish Operating Procedures that all Covered Employees must follow to help ensure R2 Space's compliance with the Unauthorized Transfer Rules. R2 Space's Operating Procedures shall include internal procedures and policies specifically designed to ensure that R2 Space complies with the Unauthorized Transfer Rules. R2 Space shall also develop a Compliance Checklist that describes the steps that a Covered Employee must follow to ensure compliance with the Unauthorized Transfer Rules. With regard to the sale or disposition of any FCC authorizations or licenses, R2 Space will include in its standard due diligence checklist a review for filing of necessary FCC applications and consultation with outside counsel at least thirty (30) days prior to closing any such transaction, and confirmation that it has received FCC consent to transfer or assign FCC authorizations or licenses prior to closing the transaction.

(b) **Compliance Manual**. Within ninety (90) calendar days after the Effective Date, the Compliance Officer shall develop and distribute a Compliance Manual to all Covered Employees. The Compliance Manual shall explain the Unauthorized Transfer Rules and set forth the Operating Procedures that Covered Employees shall follow to help ensure R2 Space's compliance with the Unauthorized Transfer Rules. R2 Space shall periodically review and revise the Compliance Manual as necessary to ensure that the information set forth therein remains current and accurate. R2 Space shall distribute any final revisions to the Compliance Manual promptly to all Covered Employees.

(c) **Compliance Training Program**. R2 Space shall establish and implement a Compliance Training Program on compliance with the Commission's Unauthorized Transfer Rules and the Operating Procedures. As part of the Compliance Training Program, Covered Employees shall be advised of R2 Space's obligation to report any noncompliance with the Unauthorized Transfer Rules under paragraph 17 of this Consent Decree and shall be instructed on how to disclose noncompliance to the Compliance Officer. All Covered Employees shall be trained pursuant to the Compliance Training Program within ninety (90) calendar days after the Effective Date, except that any person who becomes a Covered Employee at any time after the initial Compliance Training Program shall be trained within thirty (30) calendar days after the date such person becomes a Covered Employee. R2 Space shall repeat compliance training on an annual basis, and shall periodically review and revise the Compliance Training Program as necessary to ensure that it remains current and complete and to enhance its effectiveness.

17. **Reporting Noncompliance**. R2 Space shall report any noncompliance with the Unauthorized Transfer Rules and with the terms and conditions of this Consent Decree within fifteen (15) calendar days after discovery of such noncompliance. Such reports shall include a detailed explanation of: (i) each instance of noncompliance; (ii) the steps that R2 Space has taken or will take to remedy such noncompliance; (iii) the schedule on which such remedial actions will be taken; and (iv) the steps that R2 Space has taken or will take to prevent the recurrence of any such noncompliance. All reports of noncompliance shall be submitted to Patrick McGrath at Patrick.McGrath@fcc.gov, Kalun Lee at Kalun.Lee@fcc.gov, Georgina Feigen at Georgina.Feigen@fcc.gov, Pam Slipakoff at Pam.Slipakoff@fcc.gov, and Ryan Mitchell at Ryan.Mitchell@fcc.gov, with a copy submitted electronically to EnforcementBureauIHD@fcc.gov.

18. **Compliance Reports**. R2 Space shall file compliance reports with the Commission ninety (90) calendar days after the Effective Date, twelve (12) months after the Effective Date, twenty-four (24) months after the Effective Date, and thirty-six (36) months after the Effective Date.

(a) Each Compliance Report shall include a detailed description of R2 Space's efforts during the relevant period to comply with the terms and conditions of this Consent Decree and the Unauthorized Transfer Rules. In addition, each Compliance Report shall include a certification by the Compliance Officer, as an agent of and on behalf of R2 Space, stating that the Compliance Officer has personal knowledge that R2 Space: (i) has established and implemented the Compliance Plan; (ii) has utilized the Operating Procedures since the implementation of the Compliance Plan; and (iii) is not aware of any instances of noncompliance with the terms and conditions of this Consent Decree, including the reporting obligations set forth in paragraph 17 of this Consent Decree.

(b) The Compliance Officer's certification shall be accompanied by a statement explaining the basis for such certification and shall comply with section 1.16 of the Rules and be subscribed to as true under penalty of perjury in substantially the form set forth therein.[20]

(c) If the Compliance Officer cannot provide the requisite certification, the Compliance Officer, as an agent of and on behalf of R2 Space, shall provide the Commission with a detailed explanation of the reason(s) why and describe fully: (i) each instance of noncompliance; (ii) the steps that R2 Space has taken or will take to remedy such noncompliance, including the schedule on which proposed remedial actions will be taken; and (iii) the steps that R2 Space has taken or will take to prevent the recurrence of any such noncompliance, including the schedule on which such preventive action will be taken.

(d) All Compliance Reports shall be submitted electronically to Patrick McGrath at Patrick.McGrath@fcc.gov, Kalun Lee at Kalun.Lee@fcc.gov, Georgina Feigen at Georgina.Feigen@fcc.gov, Pam Slipakoff at Pam.Slipakoff@fcc.gov and Ryan Mitchell at Ryan.Mitchell@fcc.gov, with a copy submitted electronically to EnforcementBureauIHD@fcc.gov.

19. **Termination Date**. Unless stated otherwise, the requirements set forth in paragraphs 15 through 18 of this Consent Decree shall expire thirty-six (36) months after the Effective Date. All obligations thereunder are waived for any period during which R2 Space does not hold FCC authorizations.

20. **Civil Penalty**. R2 Space will pay a civil penalty to the United States Treasury in the amount of eight thousand dollars ($8,000) within thirty (30) calendar days of the Effective Date. R2 Space acknowledges and agrees that upon execution of this Consent Decree, the Civil Penalty shall become a "Claim" or "Debt" as defined in 31 U.S.C. § 3701(b)(1).[21] Upon an Event of Default, all procedures for collection as permitted by law may, at the Commission's discretion, be initiated. R2 Space shall send electronic notification of payment to Patrick McGrath at Patrick.McGrath@fcc.gov, Kalun Lee at Kalun.Lee@fcc.gov, Georgina Feigen at Georgina.Feigen@fcc.gov, Pam Slipakoff at Pam.Slipakoff@fcc.gov, Ryan Mitchell at Ryan.Mitchell@fcc.gov, and EnforcementBureauIHD@fcc.gov on the date said payment is made. Payment of the Civil Penalty must be made by credit card using the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/userLogin.do, ACH (Automated Clearing House) debit from a bank account, or by wire transfer from a bank account. The Commission no longer accepts civil penalty payments by

[20] 47 CFR § 1.16.

[21] Debt Collection Improvement Act of 1996, Pub. L. No. 104-134, 110 Stat. 1321, 1358 (Apr. 26, 1996).

check or money order. Below are instructions that payors should follow based on the form of payment selected:[22]

- Payment by wire transfer must be made to ABA Number 021030004, receiving bank TREAS/NYC, and Account Number 27000001. In the OBI field, enter the FRN(s) captioned above and the letters "FORF". In addition, a completed Form 159[23] or printed CORES form[24] must be faxed to the Federal Communications Commission at 202-418-2843 or e-mailed to RROGWireFaxes@fcc.gov on the same business day the wire transfer is initiated. Failure to provide all required information in Form 159 or CORES may result in payment not being recognized as having been received. When completing FCC Form 159 or CORES, enter the Account Number in block number 23A (call sign/other ID), enter the letters "FORF" in block number 24A (payment type code), and enter in block number 11 the FRN(s) captioned above (Payor FRN).[25] For additional detail and wire transfer instructions, go to https://www.fcc.gov/licensing-databases/fees/wire-transfer.
- Payment by credit card must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by credit card, log-in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" from the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the CD Acct. No. The bill number is the CD Acct. No. with the first two digits excluded (e.g., CD 1912345678 would be associated with FCC Bill Number 12345678). After selecting the bill for payment, choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.
- Payment by ACH must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by ACH, log in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" on the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the CD Acct. No. The bill number is the CD Acct. No. with the first two digits excluded (e.g., CD 1912345678 would be associated with FCC Bill Number 12345678). Finally, choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the correct Routing Number and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

21. **Event of Default**. R2 Space agrees that an Event of Default shall occur upon the failure by R2 Space to pay the full amount of the Civil Penalty on or before the due date specified in this Consent Decree.

22. **Interest, Charges for Collection, and Acceleration of Maturity Date**. After an Event of Default has occurred under this Consent Decree, the then unpaid amount of the Civil Penalty shall accrue interest, computed using the U.S. Prime Rate in effect on the date of the Event of Default plus 4.75%, from the date of the Event of Default until payment in full. Upon an Event of Default, the then unpaid amount of the Civil Penalty, together with interest, any penalties permitted and/or required by the

[22] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #1).

[23] FCC Form 159 is accessible at https://www.fcc.gov/licensing-databases/fees/fcc-remittance-advice-form-159.

[24] Information completed using the Commission's Registration System (CORES) does not require the submission of an FCC Form 159. CORES is accessible at https://apps.fcc.gov/cores/userLogin.do.

[25] Instructions for completing the form may be obtained at http://www.fcc.gov/Forms/Form159/159.pdf.

law, including but not limited to 31 U.S.C. § 3717 and administrative charges, plus the costs of collection, litigation, and attorneys' fees, shall become immediately due and payable, without notice, presentment, demand, protest, or notice of protest of any kind, all of which are waived by R2 Space.

23. **Waivers**. As of the Effective Date, R2 Space waives any and all rights it may have to seek administrative or judicial reconsideration, review, appeal or stay, or to otherwise challenge or contest the validity of this Consent Decree and the Adopting Order. R2 Space shall retain the right to challenge Commission interpretation of the Consent Decree or any terms contained herein. If either Party (or the United States on behalf of the Commission) brings a judicial action to enforce the terms of the Consent Decree or the Adopting Order, neither R2 Space nor the Commission shall contest the validity of the Consent Decree or the Adopting Order, and R2 Space shall waive any statutory right to a trial *de novo*. R2 Space hereby agrees to waive any claims it may otherwise have under the Equal Access to Justice Act[26] relating to the matters addressed in this Consent Decree.

24. **Severability**. The Parties agree that if any of the provisions of the Consent Decree shall be held unenforceable by any court of competent jurisdiction, such unenforceability shall not render unenforceable the entire Consent Decree, but rather the entire Consent Decree shall be construed as if not containing the particular unenforceable provision or provisions, and the rights and obligations of the Parties shall be construed and enforced accordingly.

25. **Invalidity**. In the event that this Consent Decree in its entirety is rendered invalid by any court of competent jurisdiction, it shall become null and void and may not be used in any manner in any legal proceeding.

26. **Subsequent Rule or Order**. The Parties agree that if any provision of the Consent Decree conflicts with any subsequent Rule or order adopted by the Commission (except an order specifically intended to revise the terms of this Consent Decree to which R2 Space does not expressly consent) that provision will be superseded by such Rule or order.

27. **Successors and Assigns**. R2 Space agrees that the provisions of this Consent Decree shall be binding on its successors, assigns, and transferees.

28. **Final Settlement**. The Parties agree and acknowledge that this Consent Decree shall constitute a final settlement between the Parties with respect to the Investigation.

29. **Modifications**. This Consent Decree cannot be modified without the advance written consent of both Parties.

30. **Paragraph Headings**. The headings of the paragraphs in this Consent Decree are inserted for convenience only and are not intended to affect the meaning or interpretation of this Consent Decree.

31. **Authorized Representative**. Each Party represents and warrants to the other that it has full power and authority to enter into this Consent Decree. Each person signing this Consent Decree on behalf of a Party hereby represents that he or she is fully authorized by the Party to execute this Consent Decree and to bind the Party to its terms and conditions.

[26] *See* 5 U.S.C. § 504; 47 CFR §§ 1.1501–1.1530.

32. **Counterparts**. This Consent Decree may be signed in counterpart (including electronically or by facsimile). Each counterpart, when executed and delivered, shall be an original, and all of the counterparts together shall constitute one and the same fully executed instrument.

_____
Loyaan A. Egal
Chief
Enforcement Bureau

_____
Date

_____
Joseph I. Farina
President
R2 Space, LLC

_____
Date

PUBLIC NOTICE

Federal Communications Commission
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Washington, DC 20554

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DA 24-146
Released: February 16, 2024

DOMESTIC SECTION 214 APPLICATION GRANTED FOR THE TRANSFER OF CONTROL OF HORIZON ACQUISITION PARENT LLC AND ITS SUBSIDIARIES TO SHENANDOAH TELECOMMUNICATIONS COMPANY LLC

WC Docket No. 23-384

By this Public Notice, the Wireline Competition Bureau grants an application filed by Horizon Acquisition Parent LLC (HAP) and Shenandoah Telecommunications Company (Shentel), pursuant to section 214 of the Communications Act of 1934, as amended, and sections 63.03-04 of the Commission's rules,[1] requesting consent for the transfer of control of The Chillicothe Telephone Company (CTC) and its affiliates Horizon Services, Inc. (Horizon Services), Infinity Fiber, LLC (Infinity Fiber), and Urban System, LLC (Urban Systems), (Horizon Services, Infinity Fiber and Urban Systems, together, the Horizon Licensees, and, together with CTC, the Licensees) (Licensees, together with HAP and Shentel, the Applicants) from HAP to Shentel.[2]

On December 15, 2023, the Bureau released a public notice seeking comment on the Application.[3] The Bureau did not receive any comments or petitions in opposition to the Application.

The Licensees are authorized as incumbent local exchange carriers (LECs) and competitive LECs to provide telecommunications services and other services in Indiana, Kentucky, Michigan, Ohio, Pennsylvania, and/or West Virginia.[4] CTC is authorized to provide service as an incumbent LEC in Kentucky and central Ohio, and as a competitive LEC throughout Ohio, and as a competitive access

[1] *See* 47 U.S.C. § 214; 47 CFR §§ 63.03-04.

[2] Joint Application for Consent to Transfer Indirect Control of Domestic Section 214 Authorization Holders, WC Docket No. 23- 384 (filed on Nov. 7, 2023) (Application). Applicants filed a supplements to their application on November 29, 2023, December 11, 2023, and February 15, 2024. Letter from Michael P. Donahue, PLLC, Counsel to Transferor and Licensees, and K.C. Halm, Counsel to Transferee, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-384 (filed Nov. 29, 2023) (Nov. 29 Supplement); Letter from Michael P. Donahue, PLLC, Counsel to Transferor and Licensees, and K.C. Halm, Counsel to Transferee, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-384 (filed Dec. 11, 2023) (Dec. 11 Supplement); Letter from Michael P. Donahue, PLLC, Counsel to Transferor and Licensees, and K.C. Halm, Counsel to Transferee, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-384 (filed Nov. 29, 2023) (Feb. 15 Supplement). Applicants also filed applications for the transfer of international authorizations and wireless radio licenses. Any action on this application is without prejudice to other pending applications before the Commission.

[3] *Domestic Section 214 Application Filed for the Transfer of Control of Horizon Acquisitions Parent LLC and Its Subsidiaries to Shenandoah Telecommunications Company*, WC Docket Nos. 23-384, Public Notice, DA 23-1168 (WCB 2023).

[4] Application at 3.

provider (CAP) in Michigan.[5] CTC provides interstate exchange access and interstate interexchange services to customers in central Ohio.[6] CTC receives fixed amounts of universal service support through various programs.[7] CTC provides wireless backhaul and dark fiber in Pennsylvania and West Virginia.[8] While Horizon Services is authorized to provide competitive LEC services in Ohio, it does not currently provide any services.[9] Infinity Fiber and Urban Systems hold competitive LEC authorizations and currently provide dark fiber services in Indiana.[10] HAP, a Delaware limited liability, operates as a holding company and parent to the Licensees and does not offer or provide telecommunications services.[11] HAP is "controlled by its majority shareholder, Novacap TMT, L.P., a limited partnership formed under the laws of the Province of Quebec, Canada, and an entity that is ultimately controlled by certain principals of Novacap Management Inc."[12]

Shentel, a publicly-traded Virginia corporation, is a holding company that provides residential and commercial communication services through its operating subsidiaries.[13] Shentel, through its affiliates, provides domestic telecommunications services in Kentucky, Maryland, Pennsylvania, Virginia, and West Virginia.[14] Applicants state that Shentel did not elect to receive model-based universal service support.[15] The following U.S. entities hold a ten percent or greater interest in Shentel: Black Rock, Inc. (and subsidiaries) (16.3%); and The Vanguard Group, Inc. (10.98%).[16]

Pursuant to the terms of the Agreement and Plan of Merger, the Applicants propose to transfer control of the Licensees through two steps, wherein a newly-created Shentel subsidiary, Fox Merger Sub I, Inc., (Merger Sub I), a Delaware corporation, and another newly-created Shentel subsidiary, Fox Merger Sub II, LLC (Merger Sub II), a Delaware limited liability company, will facilitate Shentel's acquisition and assumption of control of the Licensees.[17] Specifically, Applicants state that "Merger Sub I will merge into HAP, with HAP as the surviving entity, and then such surviving entity will be merged

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[5] CTC holds authorization to provide competitive LEC services in New Jersey; however, it intends to surrender that authorization pursuant to New Jersey Board of Public Utilities procedures prior to the proposed transaction's consummation. *Id*. at 3. CTC participates in the Rural Healthcare and E-rate programs in Ohio. *Id*. at 17.

[6] *Id*. at 3.

[7] *Id*. at 17 (stating that CTC receives Alternative Connect America Cost model support, Rural Healthcare and E-rate support in Ohio). Universal Service Administrative Co., Tools, "ACAM, ACAM II and CAF BLS Buildout Requirements," https://www.usac.org/high-cost/resources/tools/.

[8] Feb. 15 Supplement at 1-2.

[9] Application at 17.

[10] Feb. 15 Supplement at 1.

[11] *Id.* at 11, 12, 15.

[12] *Id.* at 3-4. Horizon All West Holdings, Inc., an indirect subsidiary of Novacap Management Inc., a Canadian company, filed an application for consent to transfer control of All West Communications, Inc. to another indirect subsidiary of Novacap Management Inc. Restated Joint Section 214 Application of All West Communications, Inc. and Novacap All West Holdings, Inc. for Consent to Transfer Control, WC Docket No. 22-410 (filed Apr. 25, 2023) (updating the initial application filed on Nov. 28, 2022).

[13] *Id.* at 4.

[14] *Id*. at 4-5, 15.

[15] Application at 16-17 (stating that Shentel receives High-Cost Loop Support, and Broadband Loop Support in Virginia). *See* Universal Service Administrative Co., Tools, "ACAM, ACAM II and CAF BLS Buildout Requirements," https://www.usac.org/high-cost/resources/tools/.

[16] Application at Exhibit C (Post-Closing Ownership Structure Chart).

[17] *Id*. at 5.

into Merger Sub II, with Merger Sub II as the surviving entity (the name of which will be Horizon Acquisition Parent LLC), such that the Licensees will become direct, wholly-owned subsidiaries of Shentel."[18] As a result, Shentel will acquire an indirect interest in 100% of the equity and voting interest in the Licensees, and will thus assume indirect control of the Licensees.[19] Applicants state that Shentel will ultimately own and control the Licensees following consummation of the proposed transaction.[20]

Discussion

We find, upon consideration of the record, that a grant of the Application will serve the public interest, convenience, and necessity. To make this determination under Commission precedent, we consider whether the proposed transaction could result in public interest harms by substantially frustrating or impairing the objectives or implementation of the Act or related statutes.[21] We then employ a balancing test weighing any potential public interest harms of the proposed transaction against any potential public interest benefits.[22] The Applicants bear the burden of proving, by a preponderance of the evidence, that the proposed transaction, on balance, serves the public interest.[23]

At the outset, we address one potential harm arising from Applicants' request for approval to consummate a transaction involving companies that receive high-cost universal service support under the different support mechanisms of fixed model-based support and cost-based support (a mixed support transaction).[24] Specifically, Shentel, which receives cost-based support, is acquiring CTC, which receives fixed forms of support through the Alternative Connect America Cost Model program.[25] The Commission has found that this type of transaction could result in potential harm to its goal of ensuring that limited universal service funding is distributed efficiently and effectively. [26] When a company

[18] *Id.*

[19] *Id.*

[20] Nov. 29 Supplement at 2. The Board of Directors of Shentel are all U.S. citizens. Dec. 11 Supplement at 1.

[21] *See, e.g.*, *Application of Verizon Communications Inc. and América Móvil S.A.B. de C.V for Consent to Transfer Control of International Section 214 Authorization*, GN Docket No. 21-112, IBFS File No. ITC-T/C-20200930-00173, Memorandum Opinion and Order, 36 FCC Rcd 16994, 17001, para. 21 (2021) (*Verizon-TracFone Order*) (citing *China Mobile International (USA) Inc., Application for Global Facilities-Based and Global Resale International Telecommunications Authority Pursuant to Section 214 of the Communications Act of 1934, as Amended*, ITC-214-20110901-00289, Memorandum Opinion and Order, 34 FCC Rcd 3361, 3366, para. 9 (2019); *Applications for Consent to the Assignment and/or Transfer of Control of Licenses, Adelphia Communications Corporation (and Subsidiaries, Debtors-in-Possession), Assignors, to Time Warner Cable Inc. (Subsidiaries), Assignees; Adelphia Communications Corporation, (and Subsidiaries, Debtors-in-Possession), Assignors and Transferors et al*., MB Docket No. 05-192, Memorandum Opinion and Order, 21 FCC Rcd 8203, 8219-21, paras. 27-28 (2006) (*Adelphia-TWC Order*)).

[22] *See Verizon-TracFone Order*, 36 FCC Rcd at 17001, para. 21 (citing *Applications of AT&T Inc. and DIRECTV for Consent to Assign or Transfer Control of Licenses and Authorizations*, MB Docket No. 14-90, Memorandum Opinion and Order, 30 FCC Rcd 9131, 9140, para. 18 (2015) (*AT&T-DIRECTV Order*)) (further citations omitted).

[23] *See Verizon-TracFone Order*, 36 FCC Rcd at 17001, para. 21 (citing *AT&T-DIRECTV Order*, 30 FCC Rcd at 9140, para. 18; *Adelphia-TWC Order*, 21 FCC Rcd at 8217, para. 23; *Application of EchoStar Communications Corp., General Motors Corp., and Hughes Electronics Corp., Transferors, and EchoStar Communications Corp., Transferee*, CS Docket No. 01-348, Hearing Designation Order, 17 FCC Rcd 20559, 20574, para. 25 (2002)) (further citations omitted).

[24] Application at 16-17.

[25] *Id*. at 17.

[26] *Joint Application of W. Mansfield Jennings Limited Partnership and Hargray Communications Group, Inc. for Consent to the Transfer of Control of ComSouth Corporation Pursuant to Section 214 of the Communications Act of*

(continued….)

receiving a fixed level of support acquires or is acquired by a company receiving support based on its costs, the combined companies could, and in some instances might have an economic incentive to, shift certain shared or common costs from the model-based support company to the cost-based support company.[27] If cost shifting were to occur, the combined company, post-transaction, could obtain more high-cost universal service support than the two companies did as separate entities, not because of any new investment, expense, or buildout, but rather solely because of the application of accounting procedures.[28] Such an outcome is inconsistent with the Commission's general expectation that transactions generate efficiencies that reduce the combined company's costs.[29] Moreover, providing additional universal service support to a company as a result of cost shifting solely because it acquired or merged with another company is not an efficient use of limited universal service resources.[30]

In the *Hargray/ComSouth Order*, in which the Commission approved a mixed support transaction, it sought to prevent cost shifting and to protect the finite resources of the high-cost universal service fund by imposing a limited condition that capped high-cost universal service support based on the operating expenses of the entity receiving cost-based support.[31] The Commission has directed the Bureau to apply the *Hargray/ComSouth* condition where necessary to remedy a potential public interest harm caused by a mixed support transaction.[32]

Accordingly, to mitigate the potential for cost shifting, we grant the Application subject to the condition adopted in the *Hargray/ComSouth Order*.[33] The combined operating expenses of the post-consummation company's rate-of-return affiliates[34] shall be capped at the averaged combined operating expenses of the three calendar years preceding the transaction's closing date for which the operating expense data are available.[35] This cap shall remain in effect for seven years from the consummation of

(Continued from previous page)
1934, WC Docket 18-52, Memorandum Opinion and Order, 33 FCC Rcd 4780, 4784, para. 19 (2018) (*Hargray/ComSouth Order*).

[27] *Id*. at 4785-86, para. 20.

[28] *Id*.

[29] *Id*.

[30] *Id*. at 4786, para. 21.

[31] *Id*. at 4788-90, paras. 26-31.

[32] *Id.* at 4789 n.72 ("We direct the Bureau to apply the condition where necessary to remedy a potential public interest harm caused by a mixed support transaction."); *see also Domestic Section 214 Application for the Transfer of Control of Lavaca Telephone Company, Inc. to Dobson Technologies Inc*., WC Docket No. 20-389, Order on Reconsideration, 36 FCC Rcd 8859, 8864, para. 14 (2021) (reaffirming the Commission's delegation to the Bureau to continue to apply the mixed support condition where necessary).

[33] *Hargray/ComSouth Order*, 33 FCC Rcd at 4788-90, paras. 26-31.

[34] *See* 47 U.S.C. § 153(2).

[35] *Hargray/ComSouth Order*, 33 FCC Rcd at 4788-89, para. 27. The cap will apply to the combined operating expenses of the post-consummation company and any other existing rate-of-return affiliates that they may acquire during the time in which the condition is in effect (together, covered entities). To monitor compliance with the condition adopted herein, to the extent it does not already do so, we direct the covered entities to submit their relevant cost data to the National Exchange Carrier Association (NECA). We direct NECA to provide the dollar amount of the operating expense costs that will be capped pursuant to this Public Notice to the Universal Service Administrative Company (USAC) within 30 days following submission of any covered entity's cost data. We further direct NECA to provide USAC with the reductions in HCLS and CAF-BLS for any covered entity pursuant to this Public Notice for each year following the effective date of this Public Notice. USAC shall validate all calculations received from NECA before making disbursements subject to any such support reductions. We also direct all covered entities to provide USAC with an annual certification of compliance on or before December 31 of each year for the duration of the condition. With the certification, each covered entity must also submit its latest audited financial statements to USAC, including all notes and consolidating statements, on an annual basis, by
(continued….)

the transaction.[36] The condition will sunset if all of a post-consummation company's rate-of-return affiliates become fixed model-based support companies at any point during the seven-year period.[37]

We find that there are no other potential public interest harms identified in the record. The transaction will not result in a loss of a competitive providers in the markets in which the Licensees currently operate.[38] Further, Applicants state that customers' rates, terms, and conditions of service will not change except in compliance with customers' contracts, the Licensees' tariffs, and applicable law.[39]

We next consider whether the proposed transaction is likely to generate verifiable, transaction-specific public interest benefits.[40] Applicants must provide evidence of a claimed benefit to allow the Commission to verify its likelihood and magnitude.[41] Where potential harms appear unlikely, as is the case with the Application before us here, the Commission accepts a lesser degree of magnitude and likelihood than when harms are present.[42]

Applicants assert that "Shentel plans to invest resources and technical expertise to enhance the Licensees' current network capabilities."[43] More specifically, Applicants state that Shentel will "leverage its experience and expertise in expanding access to fiber-based residential and commercial broadband internet, video and voice services in rural areas and smaller markets."[44] Applicants claim that "[w]hen combined with Shentel's extensive fiber network, the combined fiber network will enable Shentel to expand its reach in many key markets outside of the mid-Atlantic area and reach many additional unique routes in rural parts of Indiana, Kentucky, Ohio, Virginia, and West Virginia."[45] Moreover, Applicants state that "Shentel's plans are likely to enhance competition in the marketplace for both residential and commercial data services and other communications services."[46]

The Commission has specified that ensuring consumers receive new or additional services is an

(Continued from previous page)
December 31 of each year. *Id.* at 4790, para. 31. The cap will apply to cost recovery under both HCLS and CAF-BLS and will be applied proportionately to each affiliate's accounts used to determine the affiliate's eligible operating expense for HCLS and CAF-BLS. For example, if the cap requires that a post-consummation company's eligible operating expense be reduced by 10%, then each account used to determine each rate-of-return affiliate's eligible operating expenses shall be reduced by 10%. For purposes of this cap, operating expenses shall include maintenance, network support/network operations/general, benefits, rent expenses, and corporate operations, while depreciation, return on investment, and taxes shall be excluded. *See id.* at 4789, para. 28. For all covered entities, the new cap shall also include an annual adjustment for inflation based on the Gross Domestic Product-Channel Price Index (GDP-CPI) for the years in which the new cap remains in effect. *Id.* at 4790, para. 30.

[36] The Commission has found seven years to be an appropriate period over which to monitor enforcement of the condition and to ensure that the combined entity, which will continue to receive support, does not shift costs from year-to-year. *Id*. at 4789-90, para. 29 n.78.

[37] *Id*. at 4789-90, para. 29.

[38] Application at 15.

[39] *Id*. at 9.

[40] *See AT&T/DIRECTV Order*, 30 FCC Rcd at 9237, paras. 273-74.

[41] *See id*. at 9237-38, paras. 275-76.

[42] *See id*.

[43] Application at 8.

[44] *Id.* at 7.

[45] *Id.* at 8.

[46] *Id.*

important public interest factor,[47] and accelerating private sector deployment of advanced services is one of the aims of the Communications Act.[48] In light of the Applicants' commitments to meet all of the Licensees' federal high-cost funding obligations[49] and the fact that Applicants are prepared to devote Shentel's additional resources to enhance facilities-based service offerings,[50] we find it likely that the proposed transaction would result in some public interest benefits. Absent any potential harms, and considering that the proposed transaction is likely to yield some benefits, we find, on balance, that the proposed transaction serves the public interest.

Grant of Application

We find, upon consideration of the record, that grant of the Application, listed above will serve the public interest, convenience, and necessity.[51] Therefore, pursuant to section 214 of the Act, 47 U.S.C. § 214, and sections 0.91, 0.291, 63.03, and 63.04 of the Commission's rules, 47 CFR §§ 0.91, 0.291, 63.03, and 63.04, the Bureau hereby grants the Application discussed in this Public Notice subject to compliance with the condition described above.[52]

Pursuant to section 1.103 of the Commission's rules, 47 CFR § 1.103, the grant is effective upon release of this Public Notice. Petitions for reconsideration under section 1.106 or application for review under section 1.115 of the Commission's rules, 47 CFR §§ 1.106, 1.115, may be filed within 30 days of the date of this Public Notice.

For further information, please contact Dennis Johnson, Wireline Competition Bureau, Competition Policy Division, at dennis.johnson@fcc.gov.

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[47] *See, e.g.*, *AT&T-DIRECTV Order*, 30 FCC Rcd at 9140, para. 19.

[48] *See Verizon-TracFone Order*, 36 FCC Rcd at 17002, para. 22 (citing 47 U.S.C. §§ 254, 332(c)(7), 1302; Telecommunications Act of 1996, Pub. L. No. 104-104, Preamble, 110 Stat. 56 (1996) (one purpose of the Act is to "accelerate rapidly private sector deployment of advanced telecommunications and information technologies and services")).

[49] Feb. 15 Supplement at 1.

[50] Application at 7-8.

[51] *See* 47 U.S.C. § 214(a); 47 CFR § 63.03.

[52] Within 30 days of closing the proposed transactions, they must notify USAC so that it can make any appropriate changes to the High Cost Universal Broadband (HUBB) on-line location reporting portal for universal service recipients. In addition, we direct Applicants to submit in the domestic section 214 docket a notice that the proposed transaction has closed with the consummation date, and also provide a courtesy copy of the notice to hcinfo@usac.org.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6666028
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 16, 2024 **Released: February 20, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we therefore grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further

[1] *See* Informal Complaint No. 6666028 (Dec. 29, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

reduce the incidence of slamming.[6] In adopting the rules, the Commission stated that upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that his telecommunications service provider had been changed from Verizon to Clear Rate without authorization.[9] He stated that someone slammed his phone lines and disconnected his phone service.[10] In addition, he explained that the sales representative told him that they were with Verizon and wanted to offer better rates. When he stated to the sales representative that he wanted to stay with Verizon, he was assured that he would stay with Verizon.[11]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[12] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[13] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.[14]

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that

[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6666028.

[10] *Id.*

[11] Email from Linda Price, Consumer Policy Division, Consumer and Governmental Affairs Bureau to Clear Rate (Feb. 13, 2024) (summarizing additional information from Complainant and requesting additional information Clear Rate).

[12] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[13] Clear Rate Response to Informal Complaint No. 6666028 (Jan. 12, 2024); *see also* 47 CFR § 64.1160.

[14] *See* email from Nancy Smith, Clear Rate, to Linda Price, Consumer Policy Division, Consumer and Governmental Affairs Bureau (Feb. 13, 2024). We caution Clear Rate that it must comply with the Commission's liability rules, which includes removing all charges incurred for service for the first 30 days after it switched Complainant's carrier. *See infra*, para. 7.

consumer's authorization to switch carriers can no longer be considered binding."[15] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service provider, as defined by the rules, and we discuss Clear Rate's liability below.[16]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first thirty days after the alleged unauthorized change in accordance with the Commission's liability rules.[17] We have determined that Complainant is entitled to absolution for the charges incurred during the first thirty days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[18] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[19]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first thirty days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[15] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

[16] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[17] *See id.* § 64.1160(b).

[18] *See id.* § 64.1160(d).

[19] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6719629
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 16, 2024 **Released: February 20, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

1. In this Order, we consider a complaint alleging that Clear Rate Communications (Clear Rate) changed Complainant's telecommunications service provider without obtaining authorization and verification from Complainant as required by the Commission's rules.[1] We conclude that Clear Rate's actions violated the Commission's slamming rules, and we therefore grant Complainant's complaint.

2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

[1] *See* Informal Complaint No. 6719629 (Jan. 24, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] In adopting the rules, the Commission stated that upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed to Clear Rate without Complainant's authorization.[9] Complainant alleged that "This company changed my phone provider without my permission and then placed unauthorized charges on my bill."[10] Complainant explained that the sales representative said they were from Verizon and they were taking all small business accounts and will give them cheaper rates and they will stay with Verizon.[11]

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[12] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[13] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.[14]

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that

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[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6719629.

[10] *Id.*

[11] Email from Linda Price, Consumer Policy Division, Consumer and Governmental Affairs Bureau to Clear Rate (Feb. 13, 2024) (summarizing additional information from Complainant and requesting additional information from Clear Rate).

[12] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[13] Clear Rate Response to Informal Complaint No. 6719629 (Jan. 30, 2024) ; *see also* 47 CFR § 64.1160.

[14] *See* email from Nancy Smith, Clear Rate, to Linda Price, Consumer Policy Division, Consumer and Governmental Affairs Bureau (Feb. 13, 2024). We caution Clear Rate that it must comply with the Commission's liability rules, which includes removing all charges incurred for service for the first 30 days after it switched Complainant's carrier. *See infra*, para. 7.

consumer's authorization to switch carriers can no longer be considered binding."[15] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service provider, as defined by the rules, and we discuss Clear Rate's liability below.[16]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first thirty days after the alleged unauthorized change in accordance with the Commission's liability rules.[17] We have determined that Complainant is entitled to absolution for the charges incurred during the first thirty days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[18] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[19]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first thirty days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[15] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

[16] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[17] *See id.* § 64.1160(b).

[18] *See id.* § 64.1160(d).

[19] *See id.* § 64.1140, 64.1160.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Clear Rate Communications	)	Complaint No. 6714269
	)	
Complaint Regarding	)	
Unauthorized Change of	)	
Subscriber's Telecommunications Carrier	)	

ORDER

Adopted: February 16, 2024 **Released: February 20, 2024**

By the Associate Division Chief, Consumer Policy Division, Consumer and Governmental Affairs Bureau:

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2. Section 258 of the Communications Act of 1934, as amended (the Act), prohibits the practice of "slamming," the submission or execution of an unauthorized change in a subscriber's selection of a provider of telephone exchange service or telephone toll service.[2] The Commission's implementing rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.[3] Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that satisfies our rules; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an appropriately qualified independent third party to verify the order.[4] The Commission has also adopted rules to limit the liability of subscribers when an unauthorized carrier change occurs, and to require carriers involved in slamming practices to compensate subscribers whose carriers were changed without authorization.[5]

[1] *See* Informal Complaint No. 6714269 (Jan. 22, 2024); *see also* 47 CFR §§ 64.1100 – 64.1190.

[2] 47 U.S.C. § 258(a).

[3] *See* 47 CFR § 64.1120.

[4] *See id.* § 64.1120(c). Section 64.1130 details the requirements for letter of agency form and content for written or electronically signed authorizations. *Id.* § 64.1130.

[5] These rules require the unauthorized carrier to absolve the subscriber where the subscriber has not paid his or her bill. If the subscriber has not already paid charges to the unauthorized carrier, the subscriber is absolved of liability for charges imposed by the unauthorized carrier for service provided during the first 30 days after the unauthorized change. *See id.* §§ 64.1140, 64.1160. Any charges imposed by the unauthorized carrier on the subscriber for service provided after this 30-day period shall be paid by the subscriber to the authorized carrier at the rates the subscriber was paying to the authorized carrier at the time of the unauthorized change. *Id.* Where the subscriber has paid charges to the unauthorized carrier, the Commission's rules require that the unauthorized carrier pay 150 percent of those charges to the authorized carrier, and the authorized carrier shall refund or credit to the subscriber 50 percent of all charges paid by the subscriber to the unauthorized carrier. *See id.* §§ 64.1140, 64.1170.

3. The Commission's slamming rules prohibit misrepresentations on sales calls to further reduce the incidence of slamming.[6] Under the rules, upon a finding of material misrepresentation during the sales call, the consumer's authorization to change carriers will be deemed invalid even if the carrier has some evidence of consumer authorization of a carrier switch, e.g., a third-party verification (TPV) recording. Sales misrepresentations may not be cured by a facially valid TPV.[7] The rule provides that a consumer's credible allegation of misrepresentation shifts the burden of proof to the carrier to provide evidence to rebut the consumer's claim regarding misrepresentation. The Commission made clear that an accurate and complete recording of the sales call may be the carrier's best persuasive evidence to rebut the consumer's claim that a misrepresentation was made on the sales call.[8]

4. We received Complainant's complaint alleging that Complainant's telecommunications service provider had been changed to Clear Rate without her authorization.[9] In the complaint, Complainant stated that she was slammed and that there was an "incorrect representation of services and saving for phone lines."[10] Complainant further explained in a follow up conversation that she had received a call from someone at Clear Rate saying they were from Verizon and could save her money on her business lines, so she thought she was saving money with Verizon, not changing to Clear Rate.

5. Pursuant to our rules, we notified Clear Rate of the complaint, directing the company to address the allegation of misrepresentation and to provide evidence to rebut the claim.[11] Clear Rate responded, stating that Complainant agreed to and authorized the carrier switch, and that the terms and conditions of service were described in detail for Complainant on the TPV call.[12] Clear Rate also provided two audio recordings—the TPV recording and a recording Clear Rate characterized as a "quality assurance call." Clear Rate did not address Complainant's misrepresentation claim and did not provide a recording of the sales call or any other evidence related to the sales call.

6. Based on the evidence in the record, we find Complainant's allegation of a sales call misrepresentation to be credible. We further find that Clear Rate has failed to provide persuasive evidence to rebut Complainant's misrepresentation claim and therefore that Complainant's authorization to change carriers is invalid. As the Commission stated in the *2018 Slamming Order*, "[w]hen a consumer's decision to switch carriers is predicated on false information provided in a sales call, that consumer's authorization to switch carriers can no longer be considered binding."[13] We therefore find that Clear Rate's actions resulted in an unauthorized change in Complainant's telecommunications service

[6] *Id*. § 64.1120(a)(1)(i)(A).

[7] *See Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges*, 33 FCC Rcd 5773, 5778-80, paras. 17-19 (2018) (*2018 Slamming Order*); 47 CFR § 64.1120(a)(1)(i)(A).

[8] *See 2018 Slamming Order*, 33 FCC Rcd at 5781, para. 23. The Commission also stated that a carrier is uniquely positioned via its access to sales scripts, recordings, training, and other relevant materials relating to sales calls to proffer evidence to rebut a consumer's claims. *Id*.

[9] *See* Informal Complaint No. 6714269.

[10] *Id*.

[11] 47 CFR § 1.719 (Commission procedure for informal complaints filed pursuant to section 258 of the Act); *id.* § 64.1150 (procedures for resolution of unauthorized changes in preferred carrier). In the notification, we directed Clear Rate to respond to the specific misrepresentation allegation and to provide any evidence to rebut it.

[12] *See* Clear Rate Response to Informal Complaint No. 6714269 (Jan. 29, 2024); *see also* 47 CFR § 64.1160.

[13] *2018 Slamming Order*, 33 FCC Rcd at 5779, para. 18 (citing *Advantage Forfeiture Order*, 32 FCC Rcd 3723, 3725-30, paras. 7-13 (2017) (finding that the carrier's TPV recordings did not disprove that unlawful misrepresentations were made during the telemarketing calls and further, that questions posed during the separate TPV calls did not cure those misrepresentations)).

provider, as defined by the rules, and we discuss Clear Rate's liability below.[14]

7. Clear Rate must remove all charges incurred for service provided to Complainant for the first 30 days after the alleged unauthorized change in accordance with the Commission's liability rules.[15] We have determined that Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that neither the Complainant's authorized carrier nor Clear Rate may pursue any collection against Complainant for those charges.[16] Any charges imposed by Clear Rate on the Complainant for service provided after this 30-day period shall be paid by the Complainant to the authorized carrier at the rates the Complainant was paying the authorized carrier at the time of the unauthorized change of their telecommunications service provider.[17]

8. Accordingly, IT IS ORDERED that, pursuant to section 258 of the Communications Act of 1934, as amended, 47 U.S.C. § 258, and sections 0.141, 0.361, and 1.719 of the Commission's rules, 47 CFR §§ 0.141, 0.361, 1.719, the complaint filed against Clear Rate Communications IS GRANTED.

9. IT IS FURTHER ORDERED that, pursuant to section 64.1170(d) of the Commission's rules, 47 CFR § 64.1170(d), Complainant is entitled to absolution for the charges incurred during the first 30 days after the unauthorized change occurred and that Clear Rate Communications may not pursue any collection against Complainant for those charges.

10. IT IS FURTHER ORDERED that this Order is effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Dana Bowers
Associate Division Chief
Consumer Policy Division
Consumer and Governmental Affairs Bureau

[14] If Complainant is unsatisfied with the resolution of the complaint, Complainant may file a formal complaint with the Commission pursuant to section 1.721 of the Commission's rules, 47 CFR § 1.721. Such filing will be deemed to relate back to the filing date of Complainant's informal complaint so long as the formal complaint is filed within 45 days from the date this order is mailed or delivered electronically to Complainant. *See id.* § 1.719.

[15] *See id.* § 64.1160(b).

[16] *See id.* § 64.1160(d).

[17] *See id.* § 64.1140, 64.1160.

PUBLIC NOTICE

Federal Communications Commission
45 L St., N.E.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov

DA 24-150
Released: February 20, 2024

FCC CONSUMER ADVISORY COMMITTEE
APPOINTMENT OF MEMBERSHIP AND
ANNOUNCEMENT OF FIRST MEETING DATE
FOR THE TWELFTH TERM

By this Public Notice, the Chairwoman of the Federal Communications Commission (FCC or Commission) announces the appointment of members for the twelfth term of the Commission's Consumer Advisory Committee (CAC or Committee) and announces the first meeting of the new CAC term. The CAC is organized under, and operated in accordance with, the provisions of the Federal Advisory Committee Act (FACA) and provides advice and recommendations to the Commission on a wide array of consumer protection related matters specified by the Commission.[1]

After careful consideration of the applications and nominations for membership that were submitted, the Chairwoman has selected 28 members, as listed below. The membership consists of a diverse mix of non-profit organizations representing consumers, communications companies and trade associations, and individuals serving on their own behalf and functioning as Special Government Employees.

During the Committee's term, it is anticipated that the members of the Committee will attend one-day plenary meetings in-person or, if appropriate, by video conference. In addition, as needed, working groups or subcommittees will be established to facilitate the Committee's work between meetings of the full Committee.

The CAC will hold its first meeting of the twelfth term in person on **Thursday, April 4, 2024, at 10:30 a.m.**, **Eastern Time**.

CAC members will discuss: (i) the roles and responsibilities of the Committee and its members; (ii) issues the Committee will be asked to address; (iii) meeting schedules; and (iv) any other topics relevant to the CAC's work. The meeting will be led by the CAC Co-Chairs, Claudia Ruiz, UnidosUS, and John Breyault, National Consumers League, in addition to Cara Grayer, Attorney Advisor, Consumer Policy Division, Consumer and Governmental Affairs Bureau (CGB), and Diana Coho, Consumer Affairs

[1] 5 U.S.C. § 1001 *et seq*. The Commission announced the renewal of the CAC on September 16, 2022. *FCC Announcement of Renewal of Charter of the FCC's Consumer Advisory Committee*, 87 Fed. Reg. 56950 (Sept. 16, 2022). On July 1, 2022, the Commission solicited applications for membership for this term of the CAC, which runs from October 16, 2022, through October 16, 2024. *FCC Announces Anticipated Renewal of its Consumer Advisory Committee and Solicits Nominations for Membership*, Public Notice, DA 22-710 (CGB Jul. 1, 2022) https://docs.fcc.gov/public/attachments/DA-22-710A1_Rcd.pdf; *FCC Solicits Second Round of Nominations for Membership for Consumer Advisory Committee*, Public Notice, DA 22-844 (CGB Aug. 10, 2022) https://docs.fcc.gov/public/attachments/DA-22-844A1.pdf.

and Outreach Specialist, Consumer Affairs and Outreach Division, CGB who will serve as Designated Federal Officer (DFO) and Deputy DFO of the CAC. The meeting agenda will be available at https://www.fcc.gov/consumer-advisory-committee and may be modified at the discretion of the CAC Chair and the DFOs.

The CAC meeting will be open to the public with audio and video coverage of the meeting at www.fcc.gov/live. During the meeting, members of the public may submit questions and comments to the CAC via email: livequestions@fcc.gov. These comments or questions may be addressed during the public comment period.

Reasonable accommodations for people with disabilities are available upon request. Include a description of the accommodation you will need and tell us how to contact you if we need more information. Make your request as early as possible. Last minute requests will be accepted, but may be impossible to fill. Send an e-mail to: FCC504@fcc.gov or call the Consumer and Governmental Affairs Bureau at 202-418-0530 (voice).

To obtain further information about the Committee, visit www.fcc.gov/cac, or contact Cara Grayer, DFO, (202) 418-2960, Diana Coho, Deputy DFO, (717) 338- 2848 or CAC@fcc.gov.

MEMBERS OF THE CONSUMER ADVISORY COMMITTEE
TWELFTH TERM

Cara Grayer, Designated Federal Officer
Diana Coho, Deputy Designated Federal Officer

(1) Co-Chairs:

Claudia Ruiz, UnidosUS, Civil Rights Analyst

John Breyault, National Consumers League, Vice President, Public Policy, Telecommunications and Fraud

Organization Represented, Individual Name and Title:

(2) American Association of Retired Persons (AARP)
Dawit Kahsai, Government Affairs Director

(Alternate)
Coralette Hannon, Director, Livable Communities/Government Affairs

(3) American Cable Association (ACA Connects)
Brian Hurley, Chief Regulatory Counsel

(4) AT&T
Linda Vandeloop, Assistant Vice President, External Affairs/Regulatory

(5) Cody Dorsey, Individual, Executive Director, Baltimore Digital Equity Coalition

(6) Common Sense
Amina Fazlullah, Senior Director of Equity Policy

(7) Consumer Technology Association
Rachel Sanford Nemeth, Senior Director Regulatory Affairs

(Alternate)
David Grossman, Vice President of Regulatory Affairs

(8) Deep East Texas Council of Governments
Mickey M. Slimp, Broadband Project Consultant

(Alternate)
Robert Bashaw, Public Information Officer, Regional Planner

(9) Francella Ochillo, Individual, Technology and Society Fellow, Georgetown University

(10) INCOMPAS
Lindsay Stern, Attorney and Policy Advisor

(Alternate)
Christopher Shipley, Executive Director of Public Policy

(11) Information Technology Industry Council (ITI)
Katherine (Katie) McAuliffe, Senior Director, Policy Telecommunications

(12) The Kapor Center
Lili Gangas, Chief Technology Community Officer

(13) LGBT Technology Institute
Kristen Kelley, Director of Programs

(Alternate)
Ellie Bessette, Director of Operations & Finance

(14) Massachusetts Department of Telecommunications & Cable
Joslyn Day, Director, Consumer Division

(Alternate)
William Bendetson, Presiding Officer, Legal Division

(15) National Association of Broadcasters (NAB)
Liliana Ranon, Vice President External Affairs

(Alternate)
Larry Walke, Associate General Counsel

(16) National Association of Telecommunications Officers and Advisors (NATOA)
Mitsuko Herrera, Planning, Policy and Special Projects at Montgomery County, Maryland

(Alternate)
Frederick Ellrod, III, Director, Communications Policy and Regulation Division

(17) National Consumer Law Center (NCLC)
Olivia Wein, Senior Attorney

(Alternate)
Margot Saunders, Senior Attorney

(18) National Consumers League

(Alternate)
Eden Iscil, Public Policy Manager

(19) National Diversity Coalition
Faith Bautista, CEO and President

(20) Next Century Cities
Andrew Stutzman, Executive Director

(Alternate)
Ryan Johnston, Senior Policy Counsel

(21) Northern Virginia Urban League, Inc.
Scott Alfred Price, Board Member

(22) Project GOAL
Debra Berlyn, Executive Director

(23) RuralRISE/ National Center for Research Development (NCRD)
Tina Metzer, Vice President and Co-Founder

(Alternate)
Joseph Kapp, President and Co-Founder

(24) Telecommunications for the Deaf (TDI)
AnnMarie Killian, Chief Executive Officer

(25) The Hispanic Federation
Brent Wilkes, Senior Vice President for Institutional Development

(26) The Internet & Television Association (NCTA)
Radhika Bhat, Vice President and Associate General Counsel

(Alternate)
Steven Morris, Vice President and Associate General Counsel

(27) The Trevor Project
Kasey Suffredini, Interim Senior Vice President of Prevention

(28) United States Telecom Association (USTelecom)
Diana Eisner, Vice President, Policy and Advocacy

(Alternate)
Jenna Alsayegh, Senior Director, Strategic Initiatives & Partnerships

- FCC -

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Wireless Emergency Alerts	)	PS Docket No. 15-91
	)	
Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System	)	PS Docket No. 15-94

ORDER

Adopted: February 20, 2024 **Released: February 20, 2024**

By the Deputy Chief, Public Safety and Homeland Security Bureau:

I. INTRODUCTION

1. In this Order, the Federal Communications Commission's (Commission) Public Safety and Homeland Security Bureau (Bureau) grants the waiver request submitted by Huron County (OH) Emergency Management Agency (Huron County).[1] Huron County requests a waiver of the Commission's Wireless Emergency Alerts (WEA) rules to permit Participating Commercial Mobile Service (CMS) Providers[2] to participate in an end-to-end WEA test received by the public by default, scheduled for March 19, 2024, at 12:15 p.m. Eastern Daylight Savings Time (EDT).[3]

2. Based on the circumstances discussed below, we find that waiver of the Commission's rules would serve the public interest. Accordingly, we grant Huron County's waiver request to conduct an end-to-end WEA test using a WEA alert category that is received by the public by default.[4] The WEA will be transmitted to all members of the public in Huron County, OH.[5]

II. BACKGROUND

3. WEA allows authorized government entities to send geographically-targeted emergency alerts to commercial wireless subscribers who have WEA-capable mobile devices and whose commercial

[1] *See* Letter Kye Stevens, EMA Administrative Assistant, Huron County Emergency Management Agency, to Federal Communications Commission (Feb. 2, 2024) (on file in Docket Nos. 15-91 and 15-94) (Huron County Letter or Letter).

[2] Participating CMS Providers are commercial mobile service providers that have elected voluntarily to transmit WEA alert messages. 47 CFR §§ 10.10(d), (f). The WEA rules are set forth in Part 10 of the Commission's rules. *See generally* 47 CFR § 10.1, *et seq.*

[3] Huron County Letter at 1. In order to receive and present the WEA, a device must be WEA-capable, it must be turned on during the time the alert is being sent, it must be connected to a cellular network of a Participating Commercial Mobile Service (CMS) Provider, and the device must not be opted out of receiving the alert classification (Imminent Threat or Public Safety Message) being used to send the test alert. It is likely that mobile devices meeting these preconditions and located nearby in adjacent counties also may receive Huron County's test WEA.

[4] *See* 47 CFR § 10.400 (b) and (d).

[5] Huron County Letter at 1. Huron County, OH is located in the northern part of the Buckeye State, west of Cleveland and north of Columbus.

mobile service providers are Participating CMS Providers.[6] The Commission's current rules prohibit use of the WEA Attention Signal except during actual emergencies, authorized tests, and certain public service announcements.[7] The Commission's current rules allow WEA end-to-end tests that reach the public only when the test is conducted using the State/Local WEA Test category.[8] State/Local WEA Tests differ from actual WEAs in the following ways: Consumers will not receive State/Local WEA Tests by default; instead, consumers must affirmatively opt in to receive these WEA test alert messages.[9] Further, tests conducted using the State/Local WEA Test category must include conspicuous language sufficient to make it clear to the public that the WEA alert message is only a test.[10] Alert originators wishing to conduct end-to-end WEA tests using the State/Local WEA Test category do not need to request a waiver from the Commission.[11]

4. On October 19, 2023, the Commission adopted rules to require Participating CMS Providers to support up to two end-to-end WEA tests, per county (or county equivalent), per year, that consumers receive by default.[12] Under these adopted rules, in advance of conducting such a "WEA Performance and Public Awareness Test," an alerting authority must do the following: 1) conduct outreach and notify the public in advance of the planned WEA test and that no emergency is, in fact, occurring; 2) include in its test message that the alert is "only a test"; 3) coordinate the test among Participating CMS Providers that serve the geographic area targeted by the test, state, local, and Tribal emergency authorities, relevant State Emergency Communications Committees (SECCs), and first responder organizations; and 4) provide notification to the public in widely accessible formats that the test is only a test and is not a warning about an actual emergency.[13] These rules will become effective within 30 days of the Federal Register's publication of notice that OMB has completed its review of the *2023 WEA Accessibility Report and Order*'s information collection requirements.[14]

5. Huron County requests waiver of the Commission's rules to allow Participating CMS Providers to participate in its proposed end-to-end WEA test, which will be received by the public by default. Huron County wants to conduct the WEA test as part of a live IPAWS exercise, which will include sending a test alert message over the Emergency Alert System (EAS), and Non-Weather Emergency Messages (NWEM).[15] The exercise will cover all of Huron County.[16] Huron County notes

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[6] *Commercial Mobile Alert System*, PS Docket No. 07-287, Third Report and Order, 23 FCC Rcd 12561, 12575, para. 32 (2008) (stating the requirements for wireless providers volunteering to participate in WEA).

[7] *See* 47 CFR § 10.520(d). The Attention Signal is a loud, attention-grabbing, two-tone audio signal that uses frequencies and sounds identical to the attention signal used by the EAS.

[8] *See* 47 CFR § 10.350(c); *Wireless Emergency Alerts; Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System*, Report and Order and Further Notice of Proposed Rulemaking, 31 FCC Rcd 11112, 11154-57, paras. 65-68 (2016) (*WEA R&O*).

[9] *WEA R&O*, 31 FCC Rcd at 11154-55, para. 65 (requiring Participating CMS Providers to provide their subscribers with the option to receive State/Local WEA Tests, whereby subscribers must affirmatively select the option to receive State/Local WEA Test messages).

[10] *Id.* (requiring State/Local WEA Test messages to include conspicuous language sufficient to make clear to the public that the message is only a test).

[11] *Id.*

[12] *See 2023 WEA Accessibility Report and Order*, at paras. 35-40.

[13] *Id.* at 21-22, para. 35.

[14] *Id.* at 25, para. 40; *see* FEMA IPAWS, IPAWS ADVISORY: FCC Waiver Still Required for Public WEA Tests (Jan. 25, 2024), https://content.govdelivery.com/accounts/USDHSFEMA/bulletins/38652fa

[15] Huron County Letter at 1.

[16] *Id.*

that this will provide them with an opportunity to test the Wireless Emergency Notification System (WENS) they purchased from Inspiron Logistics[17] a few years ago.[18] It also will enable them to train newer emergency management officials on how to issue emergency alerts.[19]

6. Huron County notes that they have experienced both natural and manmade incidents where WEA could have been used to protect the public. Over the past couple of years, they have experienced several train derailments and over a dozen hazardous-material related incidents. They also have been subject to severe weather. In June 2023, five tornadoes touched down in their county, leaving behind significant damage and severe flooding. This prompted local public safety officials to post warnings on social media. Huron County's Letter indicates that IPAWS, meaning WEA and EAS, could have been useful in those situations.[20]

7. Huron County also wants to ensure that they can alert the large number of tourists they are expecting for the "Great North American Eclipse," which will take place on April 8, 2024.[21] The center line of the eclipse, which is the best place to view it, is expected to pass through the middle of Huron County.[22] The county, which only has a population of approximately 60,000 people,[23] is anticipating 140,000 to 170,000 tourists to visit to witness this event.[24] They believe that testing their emergency alerting capability before the eclipse will give them the confidence that they can deliver emergency alerts if an incident took place when they had so many visitors.[25]

8. Finally, Huron County is planning to gather public feedback on the test. They intend to post a link to a survey on their social media platform. They also will have other governmental agencies post the survey to their social media.[26]

9. The Letter also describes the comprehensive media campaign Huron County will undertake to ensure that its constituents, and the people in the surrounding counties, know that the alert is only a test.[27] They will issue a press release to all public safety agencies, 9-1-1 call centers, local

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[17] *See* Inspiron Logistics, *IPAWS Integration*, http://new.wens.us/index.php/capabilities/ipaws/ (last visited Feb. 7, 2024) ("WENS IPAWS Integration allows administrators to easily activate EAS, WEA, NWM and Cog-to-Cog alerts.")

[18] Huron County Letter at 1.

[19] *Id.*

[20] *Id.*

[21] *See* National Eclipse, *2024 Eclipse Overview*, https://nationaleclipse.com/overview.html (last visited Feb. 7, 2024) ("On April 8, 2024, a total solar eclipse, known as the 'Great North American Eclipse,' will carve a narrow path of totality from southwest to northeast across 13 U.S. states. To experience the total phase of the eclipse, you must be locat3ed within this narrow path of totality, with the duration of totality lasting the longest at the centerline." *Id.*)

[22] Huron County Letter at 1; National Eclipse, *2024 Eclipse Overview*, https://nationaleclipse.com/overview.html (last visited Feb. 7, 2024) ("On April 8, 2024, a total solar eclipse, known as the 'Great North American Eclipse,' will carve a narrow path of totality from southwest to northeast across 13 U.S. states. To experience the total phase of the eclipse, you must be locat3ed within this narrow path of totality, with the duration of totality lasting the longest at the centerline." *Id.*)

[23] The United States Census Bureau estimated that the population of Huron County, OH, was 58,218 on July 1, 2022. *See* United States Census Bureau, QuickFacts: Huron County, Ohio, https://www.census.gov/quickfacts/huroncountyohio (last visited Feb. 7, 2024)

[24] Huron County Letter at 1.

[25] *Id.*

[26] *Id.* at 2.

[27] *Id.* at 1-2.

government leaders, local media, newspaper organizations, as well as radio and television stations.[28] Huron County hopes to use social media to educate the public on the importance and benefits of WEA, EAS, and the underlying IPAWS system.[29]

10. Huron County will send a WEA test message in English that will read as follows: "TEST. This is the Huron County EMA conducting a TEST. No action is required."[30]

III. DISCUSSION

11. A provision of the Commission's rules "may be waived by the Commission on its own motion or on petition if good cause therefor is shown."[31] The Commission may find good cause to extend a waiver, "if special circumstances warrant a deviation from the general rule and such deviation will serve the public interest."[32] We conclude that there is good cause to grant the Huron County's waiver request for the end-to-end WEA tests received by the public by default, as described in its request.

12. We are persuaded it is in the public interest to allow Huron County to conduct a test of its WEA capabilities that reaches the public by default. Such testing will not only provide needed training, it will help Huron County to gain confidence in using its WEA capabilities. It also should reassure Huron County that its alerting system will work even when they have many tourists, such as during the upcoming eclipse. Testing also will raise the public's awareness of WEA. As the Commission recently observed in adopting rules to require Participating CMS Providers to support up to two end-to-end WEA tests, per county (or county equivalent), per year, that consumers receive by default, "effective public awareness testing helps the public to understand how to respond to WEAs in the event of an actual emergency."[33]

13. We recognize, however, the test would not be in the public interest if it is presented in a manner that could lead the public to conclude that an actual alert is being transmitted, or would otherwise confuse the public. In reaching our decision, we have taken into consideration the extensive outreach plan that Huron County will implement, as described in its letter, including both public engagement and coordination with other emergency managers and local agencies.

14. We condition this waiver to require that the test may only be conducted at the time and date specified in Huron County's Letter and may only be conducted for the purposes described therein. Specifically, the waiver is based upon representations that:

> (1) this test is necessary to ensure the readiness and effectiveness of Huron County's emergency warning system, plans and infrastructure, and the ability of Huron County to disseminate emergency messages to the public;
>
> (2) Huron County will coordinate information about the test with relevant Participating CMS Providers, including first responder organizations such as police and fire agencies and 9-1-1 call centers, to ensure that they are aware of the test and can confirm to the public that the WEA messages are a test; and

[28] *Id.* at 2.

[29] *Id.*

[30] *Id.*

[31] 47 CFR § 1.3.

[32] *See Northeast Cellular Telephone Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) (*citing WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969), *aff'd*, 459 F.2d 1203 (1973), *cert. denied*, 409 U.S. 1027 (1972)).

[33] *See 2023 WEA Accessibility Report and Order* at para. 35, 38.

(3) the WEA test is not intended as a substitute for other scheduled WEA tests.

15. We also require that the tests and any post-test analysis and reports Huron County chooses to conduct or cause to be produced are done in a manner consistent with customers' expectations of privacy, confidentiality of Participating CMS Providers' network information, and the overall security of the WEA systems and infrastructure.[34] We encourage Huron County to report its test results in electronic format to the Bureau. Finally, we encourage members of the public who experience anomalous WEA test performance to report their experience to the Bureau by submitting a brief description of the issue to the FCC's Public Safety Support Center at https://www.fcc.gov/general/public-safety-support-center.

IV. ORDERING CLAUSE

16. Accordingly, **IT IS ORDERED** that, pursuant to Section 4(i) of the Communications Act of 1934, as amended, 47 U.S.C. § 154(i), and Section 1.3 of the Commission's rules, 47 CFR § 1.3, Sections 10.400, 10.520(d), 10.530(b), and 11.45 of the Commission's rules, 47 CFR §§ 10.400, 10.520(d), 10.530(b), and 11.45 of the Commission's rules, **ARE WAIVED**, to allow the test of WEA, as described above, in the geographic areas identified in the Huron County Letter; which test must be conducted subject to the conditions described herein. This action is taken under delegated authority pursuant to Sections 0.191 and 0.392 of the Commission's rules, 47 CFR §§ 0.191 and 0.392.

FEDERAL COMMUNICATIONS COMMISSION

Nicole McGinnis
Deputy Chief
Public Safety and Homeland Security Bureau
Federal Communications Commission

[34] *See* 47 U.S.C. § 222.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Viettel Business Solutions Company	)	EB-TCD-23-00034918
Etihad Etisalat (Mobily)	)	EB-TCD-23-00034920
Claude ICT Poland Sp. z o. o. dba TeleCube.PL	)	EB-TCD-23-00034944
Nervill LTD	)	EB-TCD-23-00034946
Textodog Inc. dba Textodog and Textodog Software Inc.	)	EB-TCD-23-00035605
Phone GS	)	EB-TCD-23-00035606
Computer Integrated Solutions dba CIS IT & Engineering	)	EB-TCD-23-00035613
Datacom Specialists	)	EB-TCD-23-00035614
DomainerSuite, Inc.	)	EB-TCD-23-00035615
Evernex SMC PVT LTD	)	EB-TCD-23-00035616
Humbolt Voip	)	EB-TCD-23-00035617
My Taxi Ride Inc	)	EB-TCD-23-00035618

REMOVAL ORDER

Adopted: February 22, 2024 **Released: February 22, 2024**

By the Chief, Enforcement Bureau:

I. INTRODUCTION

1. By this Order, the Federal Communications Commission's (FCC or Commission) Enforcement Bureau (Bureau) removes the certifications of Viettel Business Solutions Company, Etihad Etisalat (Mobily), Claude ICT Poland Sp. z o. o. dba TeleCube.PL, Nervill LTD, Textodog Inc. dba Textodog and Textodog Software Inc., Phone GS, Computer Integrated Solutions dba CIS IT & Engineering, Datacom Specialists, DomainerSuite, Inc., Evernex SMC PVT LTD, Humbolt Voip, and My Taxi Ride Inc (collectively, the Companies) from the Robocall Mitigation Database (Database). All of the Companies failed to correct their facially deficient Database certifications (Certifications) or otherwise demonstrate why the Bureau should not remove their Certifications from the Database following the Bureau's October 16, 2023 Orders directing them to take either one of these actions.[1] Four of the Companies are domestic voice service providers:[2] Computer Integrated Solutions dba CIS IT &

[1] *See Viettel Business Solutions Company*, Order, DA 23-979, 2023 WL 7124558 (EB Oct. 16, 2023); *Etihad Etisalat (Mobily)*, Order, DA 23-967, 2023 WL 7124525 (EB Oct. 16, 2023); *Claude ICT Poland Sp. z o. o. dba TeleCube.PL*, Order, DA 23-961, 2023 WL 7124512 (EB Oct. 16, 2023); *Nervill LTD*, Order, DA 23-970, 2023 WL 7124532 (EB Oct. 16, 2023); *Textodog Inc. dba Textodog and Textodog Software Inc.*, Order, DA 23-976, 2023 WL 7124549 (EB Oct. 16, 2023); *Phone GS*, Order, DA 23-972, 2023 WL 7124537 (EB Oct. 16, 2023); *Computer Integrated Solutions dba CIS IT & Engineering*, Order, DA 23-962, 2023 WL 7124515 (EB Oct. 16, 2023); *Datacom Specialists*, Order, DA 23-963, 2023 WL 7124517 (EB Oct. 16, 2023); *DomainerSuite, Inc.*, Order, DA 23-964, 2023 WL 7124519 (EB Oct. 16, 2023); *Evernex SMC PVT LTD*, Order, DA 23-966, 2023 WL 7124521 (EB Oct. 16, 2023); *Humbolt Voip*, Order, DA 23-965, 2023 WL 7124520 (EB Oct. 16, 2023); *My Taxi Ride Inc*, Order, DA 23-968, 2023 WL 7124526 (EB Oct. 16, 2023) (collectively, *Show Cause Orders*).

[2] *See* 47 CFR § 64.6300(o) (defining "voice service").

Engineering, Datacom Specialists, DomainerSuite, Inc., and Humbolt Voip. **Removal from the Database requires all intermediate providers and voice service providers to cease accepting all calls directly from those four providers.**[3] The remaining eight providers named in this Removal Order are foreign voice service providers:[4] Viettel Business Solutions Company (Vietnam),[5] Etihad Etisalat (Mobily) (Saudi Arabia), Claude ICT Poland Sp. z o. o. dba TeleCube.PL (Poland), Nervill LTD (Israel), Textodog Inc. dba Textodog and Textodog Software Inc. (Canada), Phone GS (France), Evernex SMC PVT LTD (Pakistan), and My Taxi Ride Inc.[6] **Removal from the Database requires all intermediate providers and voice service providers to cease accepting all calls directly from those eight providers that use U.S. North American Numbering Plan (NANP) resources in the caller ID field to send voice traffic to residential or business subscribers in the United States.**[7] We note that downstream providers may not block emergency calls to 911 and must take reasonable efforts not to block calls from public safety answering points (PSAPs) and government emergency numbers.[8] Furthermore, none of the Companies shall re-file Certifications without the prior approval of both the FCC's Wireline Competition Bureau and the Bureau.[9]

II. BACKGROUND

A. Database Requirements for Voice Service Providers

2. Protecting Americans from the dangers of unwanted and illegal robocalls is the Commission's top consumer protection priority.[10] As part of its multipronged approach to combatting

[3] *See id*. § 64.6305(g)(1).

[4] *See id*. § 64.6300(c) (defining "foreign voice service provider").

[5] Viettel Business Solutions Company shares an address with Viettel Business Solutions Corporation, a "member" of Viettel Group. *See* Viettel Solutions, Viettel Solutions is now official A2P messaging provider for Meta in Vietnam (Jul. 18, 2023), https://solutions.viettel.vn/en/en/press-release/viettel-solutions-is-now-official-a2p-messaging-provider-for-meta-in-vietnam.html (identifying Viettel Business Solutions Corporation as a member and identifying address); Viettel Business Solutions Company (No. RMD0004919) Fed. Commc'ns Comm'n, Robocall Mitigation Database (filed July 16, 2021) (showing same address for Viettel Business Solutions Company). On May 31, 2023, the U.S. Department of State announced that it entered into an administrative settlement with VTA Telecom Corporation (formerly Viettel America Corporation), a subsidiary of Viettel Group, to resolve violations of the Arms Export Control Act and the International Traffic in Arms Regulation. *See* Press Release, U.S. Dept. of State, U.S. Department of State Concludes Settlement Resolving Export Violations by VTA Telecom Corporation (May 31, 2023), https://www.state.gov/u-s-department-of-state-concludes-settlement-resolving-export-violations-by-vta-telecom-corporation/; U.S. Dept. Justice, *Exhibit A to McDermott Will & Emery LLP Registration Statement Pursuant to the Foreign Agents Registration Act of 1938, as amended* (Sep. 7, 2017), https://efile.fara.gov/docs/6447-Exhibit-AB-20170907-2.pdf (stating VTA Telecom Corp. is a subsidiary of Viettel Group). VTA Telecom Corporation also filed an International Section 214 Application but withdrew its application in 2020. Letter from David Keir, Counsel, VTA Telecom Corp., to Marlene Dortch, Secretary, Fed. Commc'ns Comm'n (Jun. 23, 2020) (on file in ITC-214-20130718-00195). Any entity that seeks to provide United States-international common carrier service must obtain prior Commission approval pursuant to Section 214 of the Communications Act of 1934 by filing an International Section 214 Application with the Commission. International Section 214 Application Filing Guidelines, Fed. Commc'ns Comm'n, *Introduction to International Section 214 Application Filing Requirements* (May 14, 2015), https://www.fcc.gov/research-reports/guides/international-section-214-application-filing-guidelines.

[6] My Taxi Ride claimed it was a foreign voice service provider in its RMD certification but did not indicate its nation of origin.

[7] *See* 47 CFR § 64.6305(g)(2).

[8] *See id*. § 64.6305(g)(5).

[9] *See Global UC Inc*, Removal Order, 37 FCC Rcd 13376, 13376, para. 1 (EB 2022) (*Global UC Removal Order*).

[10] *See* Consumer Guide, Fed. Commc'ns Comm'n, *Stop Unwanted Robocalls and Texts* (July 7, 2023), https://www.fcc.gov/consumers/guides/stop-unwanted-robocalls-and-

(continued….)

illegal robocalls, the Commission has mandated adoption of the Secure Telephony Identity Revisited/Signature-based Handling of Asserted information using toKENs (STIR/SHAKEN) caller ID authentication framework.[11] All voice service providers are required to file Certifications with the Commission declaring whether their traffic is authenticated with STIR/SHAKEN or subject to a robocall mitigation program.[12] Voice service providers that have not fully implemented STIR/SHAKEN must detail in a robocall mitigation plan attached to their Certifications the specific reasonable steps they have taken to avoid originating illegal robocall traffic.[13] Provider Certifications and robocall mitigation plans are publicly available in the Database.[14]

3. Although Commission rules do not require foreign voice service providers to file a Certification in the Database, foreign voice service providers that use U.S. telephone numbers to send voice traffic to U.S. subscribers must follow the same certification requirements as domestic voice service providers in order to be listed in the Database.[15] The Commission has emphasized that these rules do not constitute the exercise of jurisdiction over foreign voice service providers.[16]

4. Commission rules prohibit any intermediate provider or terminating voice service provider from accepting voice traffic directly from any voice service provider or gateway provider that does not appear in the Database, including any foreign voice service provider using U.S. NANP resources in the caller ID field.[17] The Bureau may take enforcement action, including removal of a Certification from the Database, against voice service providers or gateway providers, including foreign voice service providers that have deficient Certifications.[18] A deficient Certification includes one that fails to describe specific reasonable steps a voice service provider or gateway provider has taken to avoid originating or carrying illegal robocall traffic as required by section 64.6305(d)-(e) of the Commission's rules.[19] Prior to removing a Certification from the Database, the Bureau must provide notice to the voice service

texts#:~:text=Unwanted%20calls%20%E2%80%93%20including%20illegal%20and,our%20top%20consumer%20protection%20priority.

[11] *See* 47 CFR § 64.6301(a); *Call Authentication Trust Anchor, Implementation of TRACED Act Section 6(a)—Knowledge of Customers by Entities with Access to Numbering Resources*, WC Docket Nos. 17-97 and 20-67, Report and Order and Further Notice of Proposed Rulemaking, 35 FCC Rcd 3241 (2020).

[12] 47 CFR § 64.6305(d); *Call Authentication Trust Anchor*, WC Docket No. 17-97, Second Report and Order, 36 FCC Rcd 1859, 1902, para. 82 (2020) (*Second Caller ID Authentication Order*).

[13] 47 CFR § 64.6305(d)(2)(ii); *Second Caller ID Authentication Order*, 36 FCC Rcd at 1902, para. 82.

[14] Fed. Commc'ns Comm'n, *Robocall Mitigation Database*, https://fccprod.servicenowservices.com/rmd?id=rmd_welcome (last visited Jan. 10, 2024).

[15] *Second Caller ID Authentication Order*, *supra* note 12, at 1905-1906, paras. 90, 93.

[16] *Id.* at 1910, para. 99 & n.370 (finding that these rules have only an indirect effect on foreign voice service providers); *Advanced Methods to Target and Eliminate Unlawful Robocalls; Call Authentication Trust Anchor*, CG Docket No. 17-59, WC Docket No. 17-97, Sixth Report and Order in CG Docket No. 17-59, Fifth Report and Order in WC Docket No. 17-97, Order on Reconsideration in WC Docket No. 17-97, Seventh Further Notice of Proposed Rulemaking in CG Docket No. 17-59, and Fifth Further Notice of Proposed Rulemaking in WC Docket No. 17-97, 37 FCC Rcd 6865, 6913-14, para. 120 & n.354 (2022) (*Gateway Provider Order*) (finding that amendments to these provisions only have an indirect effect on foreign voice service providers).

[17] 47 CFR § 64.6305(g); *Gateway Provider Order*, 37 FCC Rcd at 6883-84, para. 44.

[18] *See* 47 CFR § 0.111(a)(28); *Second Caller ID Authentication Order*, *supra* note 12, at 1901-03, 1906, para. 81 & nn.83, 93, 322; *Gateway Provider Order*, 37 FCC Rcd at 6882, para. 40.

[19] 47 CFR § 64.6305(d)(2)(ii), (e)(2)(ii); *see also Second Caller ID Authentication Order*, *supra* note 12, at 1900-02, paras. 77-82; *Gateway Provider Order*, 37 FCC Rcd at 6882, para. 40.

provider and allow an opportunity to cure.[20] If the voice service provider fails to cure, the Bureau will issue an order to show cause why the provider should not be removed and provide a further opportunity for the provider to cure.[21] If the provider still does not cure or provide a sufficient explanation why its filing is not deficient, the Bureau may remove the provider's Certification from the Database.[22]

B. The Companies' Deficient Certifications

5. All of the Companies filed Certifications in the Database and indicated that they are voice service providers.[23] All of the Companies certified that they had not implemented or only partially implemented STIR/SHAKEN and all or some of the calls originating on their networks were subject to a robocall mitigation program.[24] Commission rules require all voice service providers to file robocall mitigation plans with their Certifications outlining the specific reasonable steps they are taking to avoid originating robocalls.[25] None of the Companies filed a robocall mitigation plan in the Database. Instead, they submitted documents that have no relevance to a robocall mitigation plan.[26] The Wireline Competition Bureau contacted the Companies by email on either January 28, 2022, or February 18, 2022, and notified the Companies that their attachments did not satisfy the requirements under the Commission's rules.[27] The Wireline Competition Bureau did not receive responses from any of the Companies, and none of the Companies corrected their deficient Certifications.

6. On October 16, 2023, the Bureau ordered the Companies to correct the deficiencies in their Certifications or explain why their Certifications should not be removed from the Database.[28] The Companies had 14 days to file responses with the Bureau either informing the Bureau that the deficiency had been corrected or explaining why their Certifications should not be removed from the Database.[29] The Bureau did not receive any responses from the Companies, and none of the Companies made any amendments to their Certifications.

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[20] *Call Authentication Trust Anchor*, WC Docket No. 17-97, Sixth Report and Order and Further Notice of Proposed Rulemaking, FCC 23-18, 2023 WL 2582652, at *21, para. 60 (Mar. 17, 2023) (*Sixth Caller ID Authentication Order*).

[21] *Id.*

[22] *Id.*

[23] *See Show Cause Orders*, *supra* note 1. Viettel Business Solutions Company, Etihad Etisalat (Mobily), Claude ICT Poland Sp. z o. o. dba TeleCube.PL, Nervill LTD, Textodog Inc. dba Textodog and Textodog Software Inc., Phone GS, Evernex SMC PVT LTD, and My Taxi Ride Inc indicated they are foreign voice service providers.

[24] *See id.* at *4, para. 7.

[25] 47 CFR § 64.6305(d)(2)(ii).

[26] *See Show Cause Orders*, *supra* note 1, at *4, para. 7 (describing the attachment filed by each company). We note that all of the Certifications were not merely deficient, but were facially deficient because they did not attach any robocall mitigation plan. *See Sixth Caller ID Authentication Order*, *supra* note 20, at *21, para. 61 ("A certification is 'facially deficient' where the provider fails to submit a robocall mitigation plan within the meaning of our rules. That is, it fails to submit any information regarding the 'specific reasonable steps' it is taking to mitigate illegal robocalls."). The Commission has adopted an expedited procedure for removing facially deficient certifications, *see id*. at *21-22, paras. 61-62, but we did not use that expedited procedure here because the Bureau already had initiated removal under our default removal procedure before the expedited procedure was adopted. The Bureau plans to use the expedited removal procedure where appropriate in the future.

[27] *See Show Cause Orders*, *supra* note 1, at *4, para. 7.

[28] *Id.* at *5, para. 12.

[29] *See id*. at *5, para. 11.

III. DISCUSSION

7. We find that the Companies' Certifications are deficient because the attachment submitted with each Certification fails to include a description of any robocall mitigation efforts being taken by the Companies.[30] The Wireline Competition Bureau notified the Companies of these deficiencies, which they did not cure.[31] The Bureau then ordered the Companies to cure the deficiencies in their Certifications or explain why their Certifications should not be removed from the Database, and the Companies did neither.[32] Therefore, the Certifications now warrant removal.

8. Accordingly, we remove the Companies' Certifications from the Database.[33] Once removed, **all intermediate providers and voice service providers *must* cease accepting all calls directly from: (i) Computer Integrated Solutions dba CIS IT & Engineering; (ii) Datacom Specialists; (iii) DomainerSuite, Inc.; and (iv) Humbolt Voip and cease accepting all calls directly from (v) Viettel Business Solutions Company; (vi) Etihad Etisalat (Mobily); (vii) Claude ICT Poland Sp. z o. o. dba TeleCube.PL; (viii) Nervill LTD; (ix) Textodog Inc. dba Textodog and Textodog Software Inc.; (x) Phone GS, Inc.; (xi) Evernex SMC PVT LTD; and (xii) My Taxi Ride Inc that use U.S. NANP numbers in the caller ID field to send voice traffic to residential or business subscribers in the United States.**[34] Downstream providers may not block emergency calls to 911 and must take reasonable efforts not to block calls from PSAPs and government emergency numbers.[35] The Companies shall not refile in the Database unless and until both the Wireline Competition Bureau and the Bureau determine that the Companies have addressed and resolved any deficiencies or shortcomings in their Certifications.[36]

9. *Additional Information*. For further information about this *Order*, contact Alexander Hobbs, Attorney Advisor, Telecommunications Consumers Division, Enforcement Bureau, at alexander.hobbs@fcc.gov or (202) 418-7433.

IV. ORDERING CLAUSES

10. Accordingly, **IT IS ORDERED** that, pursuant to sections 4(i), 4(j), 227, 251(e), and 403 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 154(j), 227, 251(e), 403; and sections 0.111, 0.311, 1.1, and 64.6305 of the Commission's rules, 47 CFR §§ 0.111, 0.311, 1.1, 64.6305, this Removal Order is **ADOPTED**.

11. **IT IS FURTHER ORDERED** that Viettel Business Solutions Company, Etihad Etisalat (Mobily), Claude ICT Poland Sp. Z o. o. dba TeleCube.PL, Nervill LTD, Textodog Inc. dba Textodog and Textodog Software Inc., Phone GS, Computer Integrated Solutions dba CIS IT & Engineering, Datacom Specialists, DomainerSuite, Inc., Evernex SMC PVT LTD, Humbolt Voip, and My Taxi Ride Inc are **IMMEDIATELY REMOVED** from the Database.

12. **IT IS FURTHER ORDERED** that Viettel Business Solutions Company, Etihad Etisalat (Mobily), Claude ICT Poland Sp. z o. o. dba TeleCube.PL, Nervill LTD, Textodog Inc. dba Textodog and Textodog Software Inc, Phone GS, Computer Integrated Solutions dba CIS IT & Engineering, Datacom Specialists, DomainerSuite, Inc., Evernex SMC PVT LTD, Humbolt Voip, and My Taxi Ride Inc shall not refile in the Robocall Mitigation Database unless and until both the Wireline Competition Bureau and

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[30] *See Sixth Caller ID Authentication Order*, *supra* note 20, at *21, para. 61.

[31] *See Show Cause Orders*, *supra* note 1, at *4, para. 7.

[32] *Id.* at *5, para. 12.

[33] *See Second Caller ID Authentication Order*, *supra* note 12, at 1901-02, para. 83.

[34] 47 CFR § 64.6305(g)(1)-(2); *Second Caller ID Authentication Order*, *supra* note 12, at 1904, para. 86.

[35] 47 CFR § 64.6305(g)(5).

[36] *See Global UC Removal Order*, *supra* note 9, at 13376, para. 1.

the Enforcement Bureau determine that each entity has addressed and resolved any deficiencies or shortcomings in its Certification.

13. **IT IS FURTHER ORDERED** that copies of this Order shall be sent by email and registered mail, return receipt requested, to: Viettel Business Solutions Company, quynhnt58@viettel.com.vn, No 1 Tran Huu Duc Street, Ha Noi City Viet Nam, Ha Noi, Vietnam; Etihad Etisalat (Mobily), ITM@mobily.com.sa, C4 King Fahd Road, Riyadh 11423, Saudi Arabia; Claude ICT Poland Sp. z o. o. dba TeleCube.PL, ic@telecube.pl, ul. Toszecka, 101, 44-100 Gliwice, Poland; Nervill LTD, ophir@1com.co.il, Avraham Giron 9, Yahood, Israel; Textodog Inc. dba Textodog and Textodog Software Inc., alain@textodog.com, 1200 de Maisonneuve Ouest, Suite 5E, Montreal H3A 0A1, Canada; Phone GS, abuse@phone.gs, 41 Avenue du 8 Mai 1945, 95200 Sarcelles, France; Computer Integrated Solutions dba CIS IT & Engineering, baradie@cismichigan.com, 24472 Northwestern Hwy, Southfield, MI 48075; Datacom Specialists, lcummings@datacomspecialists.com, 6811 Harrison Ave, Suite B, Cincinnati, OH 45247; DomainerSuite, Inc., tony@domainersuite.com, 6061 Woodham Road, Denman Island, BC V0R 1T0, Canada; Evernex SMC PVT LTD, sales@ever-nex.com, Plot No. 395-396, I-9/3 Industrial Area Near 7up Chowk, Islamabad Capital Territory 44000, Pakistan; Humbolt Voip, Jose@humboltvoip.com, Wilson Park Dr., Oakvile, Canada; and My Taxi Ride Inc, miguelp@mytaxiride.com, 516 West 175th Street, Apt. 42, New York, NY 10033.

14. **IT IS FURTHER ORDERED** that pursuant to section 1.102(b) of the Commission's rules, 47 CFR § 1.102(b), this Removal Order **SHALL BE EFFECTIVE** upon release.

FEDERAL COMMUNICATIONS COMMISSION

Loyaan A. Egal
Chief
Enforcement Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
TELECLUB fka 2054235 Alberta Ltd.	)	EB-TCD-23-00034926
	)	

REMOVAL ORDER

Adopted: February 22, 2024 **Released: February 22, 2024**

By the Chief, Enforcement Bureau:

I. INTRODUCTION

1. By this Order, the Federal Communications Commission's (FCC or Commission) Enforcement Bureau (Bureau) removes the certification of TELECLUB (Teleclub or the Company), a foreign voice service provider, from the Robocall Mitigation Database (Database). Teleclub failed to cure its facially deficient Database certification (Certification) or otherwise demonstrate why the Bureau should not remove its Certification from the Database following the Bureau's October 16, 2023 Order directing it to take either one of those actions.[1] **Removal from the Database requires all intermediate providers and voice service providers to cease accepting *all* calls directly from the Company that use U.S. North American Numbering Plan (NANP) resources in the caller ID field to send voice traffic to residential or business subscribers in the United States.**[2] Furthermore, the Company shall not re-file a Certification without the prior approval of both the FCC's Wireline Competition Bureau and the Bureau.[3]

II. BACKGROUND

A. Database Requirements for Voice Service Providers

2. Protecting Americans from the dangers of unwanted and illegal robocalls is the Commission's top consumer protection priority.[4] As part of its multipronged approach to combatting illegal robocalls, the Commission has mandated adoption of the Secure Telephony Identity Revisited/Signature-based Handling of Asserted information using toKENs (STIR/SHAKEN) caller ID authentication framework.[5] All voice service providers are required to file Certifications with the Commission declaring whether their traffic is authenticated with STIR/SHAKEN or subject to a robocall

[1] *See 2054235 Alberta Ltd. dba Teleclub*, Order, DA 23-960, 2023 WL 7124508, at *3-4, paras. 11-12 (EB Oct. 16, 2023) (*Show Cause Order*). Following the release of the Bureau's *Show Cause Order*, 2054235 Alberta Ltd. dba Teleclub changed its name in the Database to TELECLUB.

[2] 47 CFR § 64.6305(g)(2).

[3] *See Global UC Inc*, Removal Order, 37 FCC Rcd 13376, 13376, para. 1 (EB 2022) (*Global UC Removal Order*).

[4] *See* Consumer Guidance, Fed. Commc'ns Comm'n, *Stop Unwanted Robocalls and Texts* (July 7, 2023), https://www.fcc.gov/consumers/guides/stop-unwanted-robocalls-and-texts#:~:text=Unwanted%20calls%20%E2%80%93%20including%20illegal%20and,our%20top%20consumer%20protection%20priority.

[5] *See* 47 CFR § 64.6301(a); *Call Authentication Trust Anchor, Implementation of TRACED Act Section 6(a)—Knowledge of Customers by Entities with Access to Numbering Resources*, WC Docket Nos. 17-97 and 20-67, Report and Order and Further Notice of Proposed Rulemaking, 35 FCC Rcd 3241, 3243-44, paras. 3-5 (2020).

mitigation program.[6] Voice service providers that have not fully implemented STIR/SHAKEN must detail in a robocall mitigation plan attached to their Certifications the specific reasonable steps they have taken to avoid originating illegal robocall traffic.[7] Provider Certifications and robocall mitigation plans are publicly available in the Database.[8]

3. Although Commission rules do not require foreign voice service providers to file a Certification in the Database, foreign voice service providers that use U.S. telephone numbers to send voice traffic to U.S. subscribers must follow the same certification requirements as domestic voice service providers in order to be listed in the Database.[9] The Commission has emphasized that these rules do not constitute the exercise of jurisdiction over foreign voice service providers.[10]

4. Commission rules prohibit any intermediate provider or terminating voice service provider from accepting voice traffic directly from any voice service provider or gateway provider that does not appear in the Database, including any foreign voice service provider that uses NANP resources that pertain to the U.S. in the caller ID field.[11] The Bureau may take enforcement action, including removal of a Certification from the Database, against voice service providers or gateway providers, including foreign voice service providers that have deficient Certifications.[12] A deficient Certification includes one that fails to describe specific reasonable steps a voice service provider or gateway provider has taken to avoid originating or carrying illegal robocall traffic as required by section 64.6305(d)-(e) of the Commission's rules.[13] Prior to removing a Certification from the Database, the Bureau must provide notice to the voice service provider and allow an opportunity to cure.[14] If the voice service provider fails to cure, the Bureau will issue an order to show cause why the provider should not be removed and provide a further opportunity for the provider to cure.[15] If the provider still does not cure or provide a sufficient explanation why its filing is not deficient, the Bureau may remove the provider's Certification from the Database.[16]

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[6] 47 CFR § 64.6305(d); *Call Authentication Trust Anchor*, WC Docket No. 17-97, Second Report and Order, 36 FCC Rcd 1859, 1902, para. 82 (2020) (*Second Caller ID Authentication Order*).

[7] 47 CFR § 64.6305(d)(2)(ii); *Second Caller ID Authentication Order*, at 1902, para. 82.

[8] Fed. Commc'ns Comm'n, *Robocall Mitigation Database*, https://fccprod.servicenowservices.com/rmd?id=rmd_welcome (last visited Jan. 10, 2024).

[9] *Second Caller ID Authentication Order*, at 1905-06, paras. 90, 93.

[10] *Id.* at 1910, para. 99 & n.370 (finding that these rules have only an indirect effect on foreign voice service providers); *Advanced Methods to Target and Eliminate Unlawful Robocalls; Call Authentication Trust Anchor*, CG Docket No. 17-59, WC Docket No. 17-97, Sixth Report and Order in CG Docket No. 17-59, Fifth Report and Order in WC Docket No. 17-97, Order on Reconsideration in WC Docket No. 17-97, Seventh Further Notice of Proposed Rulemaking in CG Docket No. 17-59, and Fifth Further Notice of Proposed Rulemaking in WC Docket No. 17-97, 37 FCC Rcd 6865, 6931-14, para. 120 & n.354 (2022) (*Gateway Provider Order*) (finding that amendments to these provisions only have an indirect effect on foreign voice service providers).

[11] 47 CFR § 64.6305(g); *Second Caller ID Authentication Order*, at 1904, para. 86; *Gateway Provider Order*, 37 FCC Rcd at 6883-84, para. 44.

[12] *See* 47 CFR § 0.111(a)(28); *Second Caller ID Authentication Order*, *supra* note 6, at 1901-03, 1906, para. 81 & nn.83, 93, 322; *Gateway Provider Order*, at 6882, para. 40.

[13] 47 CFR § 64.6305(d)(2)(ii), (e)(2)(ii); *see also Second Caller ID Authentication Order*, *supra* note 6, at 1900-02, paras. 77-82; *Gateway Provider Order*, 37 FCC Rcd at 6882, para. 40.

[14] *Call Authentication Trust Anchor*, WC Docket No. 17-97, Sixth Report and Order and Further Notice of Proposed Rulemaking, FCC 23-18, 2023 WL 2582652, at *21, para. 60 (2023) (*Sixth Caller ID Authentication Order*).

[15] *Id.*

[16] *Id.*

B. Teleclub's Deficient Certification

5. Teleclub filed a Certification on September 15, 2021, and indicated that it is a foreign voice service provider.[17] Teleclub certified that it had not implemented the STIR/SHAKEN authentication framework on any portion of its network, and all of the calls that originated on its network were subject to a robocall mitigation program.[18] The document attached to its Certification contained only the Company's business address.[19] The Wireline Competition Bureau contacted the Company by email on February 18, 2022, and notified the Company that its attachment did not satisfy the requirements under the Commission's rules.[20] The Wireline Competition Bureau did not receive a response from Teleclub, and the Company did not correct the identified deficiency in its Certification.

6. On October 16, 2023, the Bureau ordered Teleclub to correct the deficiency in its Certification or explain why its Certification should not be removed from the Database.[21] Teleclub had 14 days to file a response with the Bureau either informing the Bureau that the deficiency had been corrected or explaining why its Certification should not be removed from the Database.[22] On October 20, 2023, Teleclub amended its Certification by updating its business name, changing its business address, and certifying it has partially implemented STIR/SHAKEN and some of the traffic that originates on its network is subject to a robocall mitigation program.[23] Teleclub did not amend the attachment to its Certification and did not notify the Bureau that it has corrected its Certification deficiency or explain why its Certification should not be removed from the Database.

III. DISCUSSION

7. We find that Teleclub's Certification is deficient because the attachment filed with its Certification fails to include any description of any robocall mitigation efforts being taken by the Company.[24] The Wireline Competition Bureau notified the Company in February 2022 of the deficiency in its filing, which it did not cure.[25] The Bureau then ordered the Company to cure the deficiency in its Certification or explain why it's Certification should not be removed from the Database, and Teleclub did neither.[26] Instead, Teleclub amended its business name to TELECLUB, changed its business address, and updated its STIR/SHAKEN implementation status from no implementation to partial implementation, but it made no changes to its robocall mitigation plan. The amendments did not cure the previously identified

[17] *Show Cause Order*, *supra* note 1, at *4, para. 7. Teleclub's initial filing was under the name 2054235 Alberta Ltd. dba Teleclub.

[18] *Id.*

[19] *Id.* We note that the Certification was not merely deficient, but was facially deficient because it did not include any robocall mitigation plan. *See Sixth Caller ID Authentication Order*, *supra* note 14, at *21, para. 61 ("A certification is 'facially deficient' where the provider fails to submit a robocall mitigation plan within the meaning of our rules. That is, it fails to submit any information regarding the 'specific reasonable steps' it is taking to mitigate illegal robocalls."). The Commission has adopted an expedited procedure for removing facially deficient certifications, *see id*. at *21-22, paras. 61-62, but we did not use that expedited procedure here because the Bureau already had initiated removal under our default removal procedure before the expedited procedure was adopted. The Bureau plans to use the expedited removal procedure where appropriate in the future.

[20] *Show Cause Order*, *supra* note 1, at *4, para. 7.

[21] *Id.* at *4, para. 12.

[22] *Id*. at *3, para, 11.

[23] TELECLUB, Robocall Mitigation Database, Fed. Commc'ns Comm'n (Oct. 20, 2023), https://fccprod.servicenowservices.com/rmd?id=rmd_form&table=x_g_fmc_rmd_robocall_mitigation_database&sys_id=08d3047e1b6ebc10cc2f2f82f54bcb76&view=sp (Robocall Mitigation Database Filing).

[24] *See Sixth Caller ID Authentication Order*, *supra* note 14, at *21, para. 61

[25] *Show Cause Order*, *supra* note 1, at *2, para. 7.

[26] *See id.* at *3, para. 9.

deficiency in Teleclub's Certification because the attachment to its filing still only contains the Company's business address and does not describe any robocall mitigation efforts. Furthermore, Teleclub did not notify the Bureau that it has corrected the deficiency in its Certification or explain why its Certification should not be removed from the Database. Therefore, the Certification now warrants removal.

8. Accordingly, we remove Teleclub's Certification from the Database.[27] Once removed, **all Intermediate providers and voice service providers are required to cease accepting *all* calls directly from TELECLUB that use U.S. NANP resources in the caller ID field to send voice traffic to residential or business subscribers in the United States.**[28] Downstream providers may not block emergency calls to 911 and must take reasonable efforts not to block calls from public safety answering points (PSAPs) and government emergency numbers.[29] The Company shall not refile in the Database unless and until both the Wireline Competition Bureau and the Bureau determine that the Company has addressed and resolved any deficiencies or shortcomings in its Certification.[30]

9. *Additional Information*. For further information about this *Order*, contact Alexander Hobbs, Attorney Advisor, Telecommunications Consumers Division, Enforcement Bureau, at alexander.hobbs@fcc.gov or (202) 418-7433.

IV. ORDERING CLAUSES

10. Accordingly, **IT IS ORDERED** that, pursuant to sections 4(i), 4(j), 227, 251(e), and 403 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 154(j), 227, 251(e), 403; and sections 0.111, 0.311, 1.1, and 64.6305 of the Commission's rules, 47 CFR §§ 0.111, 0.311, 1.1, 64.6305, this Removal Order is **ADOPTED.**

11. **IT IS FURTHER ORDERED** that TELECLUB is **IMMEDIATELY REMOVED** from the Robocall Mitigation Database.

12. **IT IS FURTHER ORDERED** that TELECLUB shall not refile in the Robocall Mitigation Database unless and until the Wireline Competition Bureau and the Enforcement Bureau determine that it has addressed and resolved any deficiencies or shortcomings in its Robocall Mitigation Database certification.

13. **IT IS FURTHER ORDERED** that copies of this Order shall be sent by email and registered mail, return receipt requested, to: Ajinder Singh, CEO, TELECLUB, 1948 Towne Center Blvd., Edmonton, Alberta T6R 2W3, Canada, and ajinder@teleclub.ca.

14. **IT IS FURTHER ORDERED** that pursuant to section 1.102(b) of the Commission's rules, 47 CFR § 1.102(b), this Removal Order **SHALL BE EFFECTIVE** upon release.

FEDERAL COMMUNICATIONS COMMISSION

Loyaan A. Egal
Chief
Enforcement Bureau

[27] *See Second Caller ID Authentication Order*, *supra* note 6, at 1901-02, para. 83.

[28] 47 CFR § 64.6305(g)(2); *see also Second Caller ID Authentication Order*, *supra* note 6, at 1904, para. 86.

[29] 47 CFR § 64.6305(g)(5).

[30] *See Global UC Removal Order*, *supra* note 3, at 13376, para. 1.

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DA 24-154
Released: February 21, 2024

MEDIA BUREAU ANNOUNCES FILING OF PETITION FOR CLARIFICATION CONCERNING FM DIGITAL POWER NPRM AND OPPORTUNITY FOR SUPPLEMENTAL COMMENTS

MB Docket No. 22-405

Comment Date: [30 days after date of publication in the Federal Register]
Reply Comment Date: [45 days after date of publication in the Federal Register]

The Commission initiated this proceeding on August 1, 2023, with the release of an Order and Notice of Proposed Rulemaking seeking comment on a proposal to change the methodology used by digital FM stations to determine whether they can increase FM digital power, and to allow asymmetric sideband operation.[1] The time period for filing comments and reply comments on the *NPRM* closed on October 6, 2023.[2]

On February 2, 2024, the National Association of Broadcasters (NAB) and Xperi Inc. (Xperi), filed a Petition for Rulemaking Addendum—Request for Clarification (Petition for Clarification) in MB Docket No. 22-405.[3] In the Petition for Clarification, NAB and Xperi state that they have "identified an important ambiguity that requires clarification regarding the maximum allowable operating power of a digital FM signal."[4] The *NPRM* and the Commission's past discussions of digital power levels have considered only the power level for the digital FM carriers of the primary HD Radio MP1 hybrid service mode of operation.[5] In particular, the Commission has considered the total integrated power level for all digital carriers used to transmit MP1 standard hybrid service. NAB and Xperi note, however, that the HD Radio system is not limited to the MP1 mode, and the Commission has authorized extended hybrid modes of operation, which increase the number of digital subcarriers. Petitioners assert that the optimal operation of the extended hybrid modes requires an increase in the total integrated power above that of

[1] *Modifying Rules for FM Terrestrial Digital Audio Broadcasting Systems*, MB Docket No. 22-405, Order and Notice of Proposed Rulemaking, FCC 23-61 (rel. Aug. 1, 2023) (*NPRM*).

[2] *Comment and Reply Comment Dates Set For FM Digital Power NPRM*, Public Notice, DA 23-741 (MB rel. Aug. 22, 2023). Comments and reply comments were filed in the Commission's Electronic Comment Filing System (ECFS) under Media Bureau Docket No. 22-405.

[3] NAB and Xperi are two of the parties that filed Petitions for Rulemaking that led to the release of the *NPRM*. The Petition for Clarification is available in ECFS at https://www.fcc.gov/ecfs/document/10202290960928/1.

[4] Petition for Clarification at 2.

[5] *Id*.

the MP1 mode so that all the digital carriers individually operate at the intended power.[6] Otherwise, individual carriers would have to operate with less than the intended power level to keep the total integrated power at the intended level. Petitioners therefore seek to clarify the maximum digital FM power levels permitted for hybrid and extended hybrid service modes, including adding clarifying text to the NPRM, and textual changes to the proposed new section 73.404(e) of the rules.[7]

In light of this requested clarification, and to provide a complete record on this issue, the Media Bureau (Bureau) encourages public comment on NAB and Xperi's proposed clarifying language and changes to proposed section 73.404(e) of the rules. In addition, the Bureau notes that NAB and Xperi ask the Commission to incorporate a reference in the rules to the NRSC-5 standard, which is subject to modification, as an appropriate means to implement the proposed change. Because it is unusual for the Commission to incorporate outside standards into its rules, commenters should offer alternative means to incorporate the proposed clarification directly into the Commission's rules. Commenters also should consider whether the additional digital power necessitated by use of extended digital modes would increase potential interference to first adjacent channel analog FM stations, to the host analog station, or to other users of the FM broadcast spectrum or adjacent to that spectrum. We note that the Petition for Clarification does not reference any technical studies of the impact of extended hybrid modes with a total integrated digital power level more than -10 dBc. Are such studies needed to determine whether or not to adopt this proposal? Commenters should also consider if the Commission adopts this proposed change for stations operating with less than -10 dBc, should the Commission limit the total overall digital power for any station operating in extended hybrid mode to a maximum of -10 dBc? We note that doing so would require stations that convert from MP1 to an extended hybrid mode to reduce the power of the individual subcarriers in the primary digital sidebands, in order to accommodate the power added by the extended digital sideband partitions. Commenters have an opportunity to suggest modifications to petitioners' clarifying suggestions, as appropriate. Commenters are encouraged to provide input regarding the number of stations operating in the various extended hybrid modes, including whether those stations operate at a power level with more than -14 dBc, in order to determine the scope of this issue, and to supplement or amend their previous comments in light of more recent additions to the record.

Filing Comments and Replies. **All filings must be submitted in MB Docket No. 22-405**. Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS).[8]

- Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS: http://apps.fcc.gov/ecfs/.
- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing.
- Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701. U.S. Postal Service first-class,

[6] *Id*. at 2-5. The MP1 mode consists of 10 digital partitions, each with 19 subcarriers. Extended hybrid modes add partitions between the MP1 partitions and the analog signal: for example, the MP2 mode adds one partition to the MP1 partitions; the MP3 mode adds two partitions; and various other modes, such as MP11, MP5, MP6, MP1X, DSB1, MP1XOV, MP6OV, and DSB1OV, add four partitions. These additional partitions increase the total digital power by 10, 20 and 40%, respectively. *Id*. at 4-5.

[7] *Id*. at 6-7.

[8] *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

Express, and Priority mail must be addressed to 45 L Street NE, Washington, DC 20554.

- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19.[9]

People with Disabilities. To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (TTY).

For additional information, contact Thomas.Nessinger@fcc.gov or James.Bradshaw@fcc.gov of the Media Bureau, Audio Division, (202) 418-2700. Press inquiries should be directed to Nancy Murphy, (202) 418-1043.

[9] *See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, DA 20-304 (March 19, 2020). https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy

Before the
Federal Communications Commission
Washington, DC 20554

In the Matter of	)	
	)	
Rocking M Media, LLC	)	File No.: EB-IHD-21-00033064
	)	NAL Acct. No.: 202432080001
Licensee of Stations	)	FRN: 0024062317
KXXX(AM), Colby, KS	)	
Facility ID Number: 37125;	)	
KRDQ(FM), Colby, KS	)	
Facility ID Number: 37124;	)	
KGNO(AM), Dodge City, KS	)	
Facility ID Number: 37130;	)	
KZRD(FM), Dodge City, KS	)	
Facility ID Number: 13010;	)	
KAHE(FM), Dodge City, KS	)	
Facility ID Number: 37131; and	)	
KERP(FM), Ingalls, KS	)	
Facility ID Number: 82681.	)	
	)	
Melia Communications, Inc.	)	File No. EB-IHD-21-00033065
	)	
Licensee of Stations	)	
KWGB(FM), Colby KS	)	
Facility ID Number 81915;	)	
KKCI(FM), Goodland, KS	)	
Facility ID Number 18076;	)	
KLOE(AM), Goodland KS; and	)	
Facility ID Number 18077.	)	

FORFEITURE ORDER

Adopted: February 23, 2024 **Released: February 23, 2024**

By the Chief, Enforcement Bureau:

1. In this *Forfeiture Order* (*Order*), we issue a monetary forfeiture in the amount of $25,000 to Rocking M Media, LLC (Rocking M) and Melia Communications, Inc. (Melia) (collectively, the Licensees) for failure to comply with sections 73.2080(c)(1), 73.2080(c)(1)(i), 73.2080(c)(3), 73.2080(c)(5), 73.2080(c)(6), and 73.3526(e)(7) of the Federal Communication Commission's (FCC or Commission) equal employment opportunity (EEO) rules. Rocking M is the licensee of KXXX(AM), Colby, Kansas; KRDQ(FM), Colby, Kansas; KGNO(AM), Dodge City, Kansas; KZRD(FM), Dodge City, Kansas; KAHE(FM), Dodge City, Kansas; KERP (FM), Ingalls, Kansas; and Melia is the licensee of KWGB(FM), Colby, Kansas; KKCI(FM), Goodland, Kansas; and KLOE(AM), Goodland, Kansas (collectively, the Stations).[1]

[1] *See* 47 CFR §§ 73.2080(c)(1), 73.2080(c)(1)(i), 73.2080(c)(3), 73.2080(c)(5), 73.2080(c)(6), 73.3526(e)(7).

2. On October 16, 2023, the Enforcement Bureau (Bureau) issued a Notice of Apparent Liability for Forfeiture (*NAL*), proposing a $25,000 forfeiture against the Licensees for their apparent, willful, and repeated failure to comply with the Commission's EEO rules.[2] Specifically, the Licensees apparently violated such rules by failing to: (i) upload their annual EEO Public File Reports in the Stations' online public inspection files; (ii) upload their EEO Public File Reports to the Stations' websites; (iii) broadly recruit for certain vacancies; (iv) analyze their EEO program; and (v) maintain their recruitment records.[3]

3. The response to the *NAL* was due on November 15, 2023,[4] and the Licensees failed to file a timely response on that day. Instead, on November 16, 2023, the Licensees submitted a "Request of Rocking M Media, LLC and Melia Communications, Inc. for Release of EEO Holds on Pending License Renewal Applications; and for Grant thereof" (Request).[5] The Request does not directly challenge the proposed findings in the *NAL*.[6] Instead, it argues that because the Licensees, who had previously filed petitions for bankruptcy under Chapter 11 of the U.S. Bankruptcy Code,[7] received approval from the Bankruptcy Court to begin the process of selling their assets, including the Stations, it would be "unnecessary" for them "to attempt to adjudicate the matters alleged in the NAL" and "the matter is at this point largely moot."[8] Although the Request nevertheless maintains that the Licensees do not admit to any of the violations set forth in the *NAL* and questions the Bureau's authority to seek a forfeiture, the Request offers no legal support for its argument and acknowledges that the Bankruptcy Court had entered an order that "clearly preserves the Commission's entitlement to issue fines and forfeitures in the normal course."[9] Further, the Request provides no explanation for its contention that "most of the allegations concerning the EEO recruitment performance of the Licensees" are factually incorrect and does not dispute that the relevant 2020 and 2021 annual EEO Public File Reports were filed late.[10] Because the

[2] *See Rocking M Media, LLC and Melia Communications, Inc.*, Notice of Apparent Liability for Forfeiture, DA 23-954, 2023 WL 8539613, at *1 (EB Oct. 16, 2023) (*NAL*).

[3] *Id.*

[4] *See* 47 CFR § 1.80(g)(3) (providing 30 days for a response to be filed after issuance of the notice of apparent liability).

[5] Rocking M Media, LLC and Melia Communications, Inc., Request of Rocking M Media and Melia Communications, Inc. for Release of EEO Holds on Pending License Renewal Applications; and Grant Thereof (Nov. 16, 2023) (on file in EB-IHD-21-00033064) (Request).

[6] The Request principally argued that the Bureau should release the holds placed on the Stations' renewal applications to permit the sale of the Licensees' assets so they could pay their creditors. *Id.* at 1-2.

[7] On March 26, 2022, the Licensees filed voluntary petitions for relief under Chapter 11 of the U.S. Bankruptcy Code in the U.S. Bankruptcy Court for the District of Kansas. *Id.* at 4, para. 4.

[8] *Id.* at 5-6, paras. 5, 7 (citing Order, *In Re Rocking M Media, LLC, et al.*, No. 22-20242 (D. Kan. Nov. 15, 2023)).

[9] Request at 6, para. 7. In previous cases, the Commission has affirmed its ability to issue forfeiture orders even where a party has filed for bankruptcy. *See, e.g.*, *STI Telecom, Inc.*, Forfeiture Order, 30 FCC Rcd 11742, 11758, para. 35 (2015) ("the mere fact of a bankruptcy is not dispositive as to whether a party is able to pay a forfeiture."); *N. Am. Telecomms. Corp.*, Forfeiture Order, 18 FCC Rcd 1868, 1869, para. 5 (2003) ("filing for bankruptcy does not preclude the Commission from issuing an order imposing a forfeiture . . ."); *William Flippo*, Forfeiture Order, 15 FCC Rcd 23340, 23340, para. 3 (2000) ("we are not inclined to adjust the forfeiture amount even where the recipient has filed for bankruptcy protection"); *Coleman Enters., Inc.*, Order of Reconsideration, 16 FCC Rcd 10016, 10027-28, para. 11 (2001) ("purported cooperation with the Commission after its violations, whether standing alone or coupled with its Chapter 11 bankruptcy filing, is not an adequate basis for reducing the forfeiture in this case."). We note that Licensees here have not requested that the forfeiture amount be reduced or rescinded and have not submitted the necessary financial documentation to support such request as required by the *NAL*. *See NAL*, *supra* note 2, at *9, para. 29.

[10] Request at 5, para. 5. Further, although the Request contends that the *NAL* failed to address the "disclosures clearly and candidly made by Licensees in the responses to the two LOIs provided to the Bureau," *id*., it is unclear to

(continued….)

Licensees have failed to rebut the proposed findings in the *NAL* adequately, we affirm the proposed forfeiture.[11]

4. Accordingly, **IT IS ORDERED** that, pursuant to section 503(b) of the Act, 47 U.S.C. § 503(b), and section 1.80 of the Commission's rules, 47 CFR § 1.80, Rocking M Media, LLC and Melia Communications Inc., **ARE LIABLE FOR A MONETARY FORFEITURE** in the amount of twenty-five thousand dollars ($25,000) for willfully and repeatedly violating sections 73.2080(c)(1), 73.2080(c)(1)(i), 73.2080(c)(3), 73.2080(c)(5), 73.2080(c)(6), and 73.3526(e)(7) of the Commission's rules, 47 CFR §§ 73.2080(c)(1), 73.2080(c)(1)(i), 73.2080(c)(3), 73.2080(c)(5), 73.2080(c)(6), 73.3526(e)(7).

5. Payment of the forfeiture shall be made in the manner provided for in section 1.80 of the Commission's rules within thirty (30) calendar days after the release of this Forfeiture Order. 47 CFR § 1.80. The Licensees shall send electronic notification of payment to Patrick McGrath at Patrick.McGrath@fcc.gov, Elizabeth Goldin at Elizabeth.Goldin@fcc.gov, and Jin Lee at Jin.Lee@fcc.gov on the date said payment is made. For collection, the Commission will comply with 11 U.S.C. § 101 et seq. as and to the extent necessary.[12]

6. In order for the Licensees to pay the proposed forfeiture, the Licensees shall notify Patrick McGrath at Patrick.McGrath@fcc.gov, Elizabeth Goldin at Elizabeth.Goldin@fcc.gov, and Jin Lee at Jin.Lee@fcc.gov of its intent to pay, whereupon an invoice will be posted in the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/userLogin.do. Payment of the forfeiture must be made by credit card using CORES at https://apps.fcc.gov/cores/userLogin.do, ACH (Automated Clearing House) debit from a bank account, or by wire transfer from a bank account. The Commission no longer accepts forfeiture payments by check or money order. Below are instructions that payors should follow based on the form of payment selected: [13]

- Payment by wire transfer must be made to ABA Number 021030004, receiving bank TREAS/NYC, and Account Number 27000001. In the OBI field, enter the FRN(s) captioned above and the letters "FORF". In addition, a completed Form 159[14] or printed CORES form[15] must be faxed to the Federal Communications Commission at 202-418-2843 or e-mailed to RROGWireFaxes@fcc.gov on the same business day the wire transfer is initiated. Failure to provide all required information in Form 159 or CORES may result in payment not being recognized as having been received. When completing FCC Form 159 or CORES, enter the Account Number in block number 23A (call sign/other ID), enter the letters "FORF" in block

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which specific disclosures the Request is referring, and the *NAL* fully considered the Licensees' arguments in those responses that sought to mitigate the violations. *See, e.g.*, *NAL*, *supra* note 2, at *4, paras. 11-12 (explaining that neither the omissions by station employees nor subsequent remedial measures excuse or nullify a rule violation by a licensee).

[11] *See* 47 CFR § 1.80(g)(4) ("If the proposed forfeiture penalty is not paid in full in response to the notice of apparent liability, the Commission, upon considering all relevant information available to it, will issue an order canceling or reducing the proposed forfeiture or *requiring that it be paid in full and stating the date by which the forfeiture must be paid.*") (emphasis added). Any entity that is a "Small Business Concern" as defined in the Small Business Act (Pub. L. 85-536, as amended) may avail itself of rights set forth in that Act, including rights set forth in 15 U.S.C. § 657, "Oversight of Regulatory Enforcement," in addition to other rights set forth herein.

[12] The Commission has filed, and subsequently amended, proofs of claim against Rocking M and Melia for the full amount of the proposed penalty in the bankruptcy proceeding.

[13] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #1).

[14] FCC Form 159 is accessible at https://www.fcc.gov/licensing-databases/fees/fcc-remittance-advice-form-159.

[15] Information completed using the Commission's Registration System (CORES) does not require the submission of an FCC Form 159. CORES is accessible at https://apps.fcc.gov/cores/userLogin.do.

number 24A (payment type code), and enter in block number 11 the FRN(s) captioned above (Payor FRN).[16] For additional detail and wire transfer instructions, go to https://www.fcc.gov/licensingdatabases/fees/wire-transfer.

- Payment by credit card must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by credit card, log-in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" from the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number 12345678). After selecting the bill for payment, choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.
- Payment by ACH must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by ACH, log in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" on the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number 12345678). Finally, choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the correct Routing Number and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

7. Any request for making full payment over time under an installment plan should be sent to: Chief Financial Officer – Financial Operations, Federal Communications Commission, 45 L Street NE, Washington, D.C. 20554. Questions regarding payment procedures should be directed to the Financial Operations Group Help Desk by telephone, 1-877-480-3201, or by e-mail, ARINQUIRIES@fcc.gov.

[16] Instructions for completing the form may be obtained at http://www.fcc.gov/Forms/Form159/159.pdf.

8. **IT IS FURTHER ORDERED** that a copy of this Forfeiture Order shall be sent by first class mail and certified mail, return receipt requested, to Christopher D. Imlay, Esq., Booth, Freret & Imlay, LLC, 14356 Cape May Road, Silver Spring, MD 20904-6011; Rocking M Media, LLC, c/o Monte M. Miller, 131 North Santa Fe Avenue, Suite 3, Salina, KS 67401; Melia Communications, Inc., c/o Monte M. Miller, 131 North Santa Fe Avenue, Suite 3, Salina, KS 67401, and by e-mail to chris.imlay@imlaylaw.com.

FEDERAL COMMUNICATIONS COMMISSION

Loyaan A. Egal
Chief
Enforcement Bureau

Before the
Federal Communications Commission
Washington, DC 20554

In the Matter of	)	
	)	
IK Communications, Inc. and IK	)	File No.: EB-IHD-20-00031696
Communications Corporation d/b/a Amantel	)	NAL/Acct. No.: 202232080005
	)	FRN: 0018324327

FORFEITURE ORDER

Adopted: February 23, 2024 **Released: February 23, 2024**

By the Chief, Enforcement Bureau:

1. In this *Forfeiture Order* (*Order*), we issue a monetary forfeiture in the amount of $100,000 to IK Communications, Inc. and IK Communications Corporation d/b/a Amantel (collectively, IK Communications or Company) for the untimely submission of Annual Telecommunications Reporting Worksheets (Annual Worksheets) and a failure to respond to an Enforcement Bureau (Bureau) Letter of Inquiry (LOI).

2. On February 17, 2022, the Bureau issued a Notice of Apparent Liability for Forfeiture (*NAL*)[1] proposing a $100,000 forfeiture against IK Communications for its apparent willful and repeated failure to file timely Annual Worksheets, and its apparent willful failure to respond to the Bureau's LOI.[2] Specifically, the Company untimely filed six Annual Worksheets between April 1, 2016 and April 1, 2021, and failed to respond to the Bureau's LOI, dated January 22, 2021.[3] The Company did not file a response to the *NAL*.[4] Based on the information before us, we affirm the forfeiture proposed in the *NAL*.[5]

3. Accordingly, **IT IS ORDERED** that, pursuant to section 503(b) of the Act, 47 U.S.C. § 503(b), and section 1.80 of the Commission's rules, 47 CFR § 1.80, IK Communications, Inc. and IK Communications Corporation d/b/a Amantel, **IS LIABLE FOR A MONETARY FORFEITURE** in the

[1] *IK Communications, Inc. and IK Communications Corporation d/b/a Amantel*, Notice of Apparent Liability for Forfeiture, 37 FCC Rcd 1825 (EB 2022) (*NAL*).

[2] *See generally id*. As noted in the *NAL*, the "facts indicate that IK Communications, Inc. and IK Communications Corporation are related and apparently the same or affiliated business entities," and accordingly the *NAL* explained that both companies would be held "jointly and severally liable for the apparent violations" described in the *NAL*. *Id.* at 1825, 1829, paras. 1, 9 & nn.1, 26.

[3] *Id*. at 1830, paras. 12-13.

[4] The Bureau ordered IK Communications to pay the full amount of the proposed forfeiture or file a written statement seeking reduction or cancellation of the proposed forfeiture within 30 days of the release date of the *NAL*. *Id.* at 1835, para. 25. The Bureau mailed the *NAL* via First Class Mail and Certified Mail, Return Receipt Requested, and received the signed return receipt. *See* Certified Mail Return Receipt (Feb. 22, 2022) (on file in EB-IHD-20-00031696); *see also* 47 CFR §1.80(g)(2) ("The notice of apparent liability will be sent to the respondent, by certified mail, at his last known address (see § 1.5).").

[5] *See* 47 CFR § 1.80(g)(4) ("If the proposed forfeiture penalty is not paid in full in response to the notice of apparent liability, the Commission, upon considering all relevant information available to it, will issue an order canceling or reducing the proposed forfeiture or *requiring that it be paid in full and stating the date by which the forfeiture must be paid.*") (emphasis added).

amount of one-hundred thousand dollars ($100,000) for willfully and repeatedly violating section 54.711 of the Commission's rules, 47 CFR § 54.711, and willfully violating a Commission order.[6]

4. Payment of the forfeiture shall be made in the manner provided for in section 1.80 of the Commission's rules, 47 CFR § 1.80, within thirty (30) calendar days after the release of this Forfeiture Order. IK Communications Inc. and IK Communications Corporation d/b/a Amantel shall send electronic notification of payment to Patrick McGrath at Patrick.McGrath@fcc.gov, Georgina Feigen at Georgina.Feigen@fcc.gov, Kalun Lee at Kalun.Lee@fcc.gov, and Tram Pham at Tram.Pham@fcc.gov on the date said payment is made. If the forfeiture is not paid within the period specified, the case may be referred to the U.S. Department of Justice for enforcement of the forfeiture pursuant to section 504(a) of the Act, 47 U.S.C. § 504(a).

5. In order for IK Communications, Inc. and IK Communications Corporation d/b/a Amantel to pay the proposed forfeiture, IK Communications shall notify Patrick McGrath at Patrick.McGrath@fcc.gov, Georgina Feigen at Georgina.Feigen@fcc.gov, Kalun Lee at Kalun.Lee@fcc.gov, and Tram Pham at Tram.Pham@fcc.gov of its intent to pay, whereupon an invoice will be posted in the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/userLogin.do. Payment of the forfeiture must be made by credit card using CORES at https://apps.fcc.gov/cores/userLogin.do, ACH (Automated Clearing House) debit from a bank account, or by wire transfer from a bank account. The Commission no longer accepts forfeiture payments by check or money order. Below are instructions that payors should follow based on the form of payment selected:[7]

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- Payment by credit card must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by credit card, log-in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" from the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number 12345678). After selecting the bill for

[6] *See* 47 U.S.C. §§ 154(i), 218, 403.

[7] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #1).

[8] FCC Form 159 is accessible at https://www.fcc.gov/licensing-databases/fees/fcc-remittance-advice-form-159.

[9] Information completed using the Commission's Registration System (CORES) does not require the submission of an FCC Form 159. CORES is accessible at https://apps.fcc.gov/cores/userLogin.do.

[10] Instructions for completing the form may be obtained at http://www.fcc.gov/Forms/Form159/159.pdf.

payment, choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.

- Payment by ACH must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by ACH, log in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" on the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number 12345678). Finally, choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the correct Routing Number and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

6. Any request for making full payment over time under an installment plan should be sent to: Chief Financial Officer – Financial Operations, Federal Communications Commission, 45 L Street NE, Washington, D.C. 20554. Questions regarding payment procedures should be directed to the Financial Operations Group Help Desk by telephone, 1-877-480-3201, or by e-mail, ARINQUIRIES@fcc.gov.

7. **IT IS FURTHER ORDERED** that a copy of this Forfeiture Order shall be sent by first class mail and certified mail, return receipt requested, to Ravinder Paul, Chief Executive Officer, IK Communications, Inc. and IK Communications Corporation, d/b/a Amantel, 21 Holly Road, Iselin, N.J. 08830, and by e-mail to paul@amantel.com.

FEDERAL COMMUNICATIONS COMMISSION

Loyaan A. Egal
Chief
Enforcement Bureau

Before the
Federal Communications Commission
Washington, DC 20554

In the Matter of	)	
	)	
Telnexus, LLC	)	File No.: EB-IHD-20-00031698
	)	NAL/Acct. No.: 202232080006
	)	FRN: 0022720304

FORFEITURE ORDER

Adopted: February 23, 2024 **Released: February 23, 2024**

By the Chief, Enforcement Bureau:

1. In this *Forfeiture Order* (*Order*), we issue a monetary forfeiture in the amount of $100,000 to Telnexus, LLC (Telnexus or Company) for failing to file its Annual Telecommunications Reporting Worksheets (Annual Worksheets) and to respond to an Enforcement Bureau (Bureau) Letter of Inquiry (LOI).

2. On March 9, 2022, the Bureau issued a Notice of Apparent Liability for Forfeiture (*NAL*)[1] proposing a $100,000 forfeiture against Telnexus for its apparent willful and repeated failure to file timely Annual Worksheets, and its apparent willful failure to respond to the Bureau's LOI.[2] Specifically, the Company failed to file four Annual Worksheets between April 1, 2018 and April 1, 2021, and failed to respond to the Bureau's LOI, dated February 9, 2021.[3] The Company did not file a response to the *NAL*.[4] Based on the information before us, we affirm the forfeiture proposed in the *NAL*.[5]

3. Accordingly, **IT IS ORDERED** that, pursuant to section 503(b) of the Act, 47 U.S.C. § 503(b), and section 1.80 of the Commission's rules, 47 CFR § 1.80, Telnexus, LLC, **IS LIABLE FOR A MONETARY FORFEITURE** in the amount of one-hundred thousand dollars ($100,000) for willfully and repeatedly violating section 54.711 of the Commission's rules, 47 CFR § 54.711, and willfully violating a Commission order.[6]

4. Payment of the forfeiture shall be made in the manner provided for in section 1.80 of the Commission's rules, 47 CFR § 1.80, within thirty (30) calendar days after the release of this Forfeiture Order. Telnexus, LLC shall send electronic notification of payment to Patrick McGrath at

[1] *Telnexus, LLC*, Notice of Apparent Liability for Forfeiture, 37 FCC Rcd 2874 (EB 2022) (*NAL*).

[2] *See generally id*.

[3] *Id*. at 2874, paras. 11-13.

[4] The Bureau ordered the Company to pay the full amount of the proposed forfeiture or file a written statement seeking reduction or cancellation of the proposed forfeiture within 30 days of the release date of the *NAL*. *Id.* at 2874, para. 24. The Bureau mailed the *NAL* via First Class Mail and Certified Mail, Return Receipt Requested to the Company's address registered with the Commission. *See* 47 CFR §1.80(g)(2) ("The notice of apparent liability will be sent to the respondent, by certified mail, at his last known address (see § 1.5)."); *see also id*. § 1.8002(b)(2) (it is incumbent upon entities doing business with the Commission to maintain current information in the Commission Registration System (CORES)).

[5] *See* 47 CFR § 1.80(g)(4) ("If the proposed forfeiture penalty is not paid in full in response to the notice of apparent liability, the Commission, upon considering all relevant information available to it, will issue an order canceling or reducing the proposed forfeiture or *requiring that it be paid in full and stating the date by which the forfeiture must be paid.*") (emphasis added).

[6] *See* 47 U.S.C. §§ 154(i), 218, 403.

Patrick.McGrath@fcc.gov, Georgina Feigen at Georgina.Feigen@fcc.gov, Kalun Lee at Kalun.Lee@fcc.gov, David Janas at David.Janas@fcc.gov, and Tram Pham at Tram.Pham@fcc.gov on the date said payment is made. If the forfeiture is not paid within the period specified, the case may be referred to the U.S. Department of Justice for enforcement of the forfeiture pursuant to section 504(a) of the Act, 47 U.S.C. § 504(a).

5. In order for Telnexus, LLC to pay the proposed forfeiture, Telnexus, LLC shall notify Patrick McGrath at Patrick.McGrath@fcc.gov, Georgina Feigen at Georgina.Feigen@fcc.gov, Kalun Lee at Kalun.Lee@fcc.gov, David Janas at David.Janas@fcc.gov, and Tram Pham at Tram.Pham@fcc.gov of its intent to pay, whereupon an invoice will be posted in the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/userLogin.do. Payment of the forfeiture must be made by credit card using CORES at https://apps.fcc.gov/cores/userLogin.do, ACH (Automated Clearing House) debit from a bank account, or by wire transfer from a bank account. The Commission no longer accepts forfeiture payments by check or money order. Below are instructions that payors should follow based on the form of payment selected:[7]

- Payment by wire transfer must be made to ABA Number 021030004, receiving bank TREAS/NYC, and Account Number 27000001. In the OBI field, enter the FRN(s) captioned above and the letters "FORF". In addition, a completed Form 159[8] or printed CORES form[9] must be faxed to the Federal Communications Commission at 202-418-2843 or e-mailed to RROGWireFaxes@fcc.gov on the same business day the wire transfer is initiated. Failure to provide all required information in Form 159 or CORES may result in payment not being recognized as having been received. When completing FCC Form 159 or CORES, enter the Account Number in block number 23A (call sign/other ID), enter the letters "FORF" in block number 24A (payment type code), and enter in block number 11 the FRN(s) captioned above (Payor FRN).[10] For additional detail and wire transfer instructions, go to https://www.fcc.gov/licensingdatabases/fees/wire-transfer.
- Payment by credit card must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by credit card, log-in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" from the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number 12345678). After selecting the bill for payment, choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.
- Payment by ACH must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by ACH, log in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" on the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number

[7] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #1).

[8] FCC Form 159 is accessible at https://www.fcc.gov/licensing-databases/fees/fcc-remittance-advice-form-159.

[9] Information completed using the Commission's Registration System (CORES) does not require the submission of an FCC Form 159. CORES is accessible at https://apps.fcc.gov/cores/userLogin.do.

[10] Instructions for completing the form may be obtained at http://www.fcc.gov/Forms/Form159/159.pdf.

12345678). Finally, choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the correct Routing Number and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

6. Any request for making full payment over time under an installment plan should be sent to: Chief Financial Officer – Financial Operations, Federal Communications Commission, 45 L Street NE, Washington, D.C. 20554. Questions regarding payment procedures should be directed to the Financial Operations Group Help Desk by telephone, 1-877-480-3201, or by e-mail, ARINQUIRIES@fcc.gov.

7. **IT IS FURTHER ORDERED** that a copy of this Forfeiture Order shall be sent by first class mail and certified mail, return receipt requested, to Vernon Keenan, Chief Executive Officer, Telnexus, LLC, 2809 Telegraph Avenue, Suite 202, Berkeley, CA 94705, and by e-mail to vern@telnexus.com and accounts@telnexus.com.

FEDERAL COMMUNICATIONS COMMISSION

Loyaan A. Egal
Chief
Enforcement Bureau

PUBLIC NOTICE

Federal Communications Commission
45 L St., N.E.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: http://www.fcc.gov

DA 24-158
Released: February 21, 2024

DOMESTIC SECTION 214 APPLICATION GRANTED FOR THE TRANSFER OF CONTROL OF CONSOLIDATED COMMUNICATIONS OF COMERCO COMPANY AND CONSOLIDATED COMMUNICATIONS OF WASHINGTON COMPANY, LLC TO NEXTCAPE, LLC

WC Docket No. 23-263

By this Public Notice, the Wireline Competition Bureau grants the application filed by Consolidated Communications, Inc. (CCI), Consolidated Communications of Comerco Company (CCCC), Consolidated Communications of Washington Company, LLC (CCWC) (CCCC and CCWC, together, the Licensees), and NextCape, LLC (NextCape) (NextCape, together with CCI and the Licensees, collectively, Applicants), pursuant to section 214 of the Communications Act of 1934, as amended, and sections 63.03-04 of the Commission's rules,[1] requesting consent to transfer indirect control of CCCC and CCWC to NextCape.[2]

On January 12, 2024, the Bureau released a public notice seeking comment on the Application.[3] The Bureau did not receive comments or petitions in opposition to the Application.

[1] *See* 47 U.S.C. § 214; 47 CFR §§ 63.03-04.

[2] Application of Consolidated Communications, Inc., Consolidated Communications of Comerco Company, Consolidated Communications of Washington Company, LLC, and NextCape LLC, WC Docket No. 23-263 (filed Aug. 1, 2023) (Application). Applicants also filed an application for the transfer of an authorization associated with international services (IB File No. ITC-T/C-2023-0801-00096). On September 14, 2023, the Bureau granted Alphaboost Purchaser, LLC (Alphaboost Purchaser), an entity related to NextCape, authority to acquire Mashell Telecom, Inc. d/b/a Ranier Connect (Mashell Telecom), an eligible telecommunications carrier (ETC) and incumbent local exchange carrier (LEC) providing service in the State of Washington. *See Domestic Section 214 Application Granted for the Transfer of Control of Mashell Telecom, Inc. d/b/a Rainier Connect to Alphaboost Purchaser, LLC*, WC Docket No. 23-30, Public Notice, DA 23-151 (WCB 2023); *see also* Letter from Tyler J. Wood, Deputy Chief for Compliance and Enforcement, U.S Department of Justice, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-30 and ITC-T/C-20230120-00004, and Attach. (filed Dec. 20, 2024) (requesting the Commission to replace the former Letter of Assurance between Alphaboost Purchaser and Mashell Telecom executed on August 24, 2023, with a modified Letter of Assurance on behalf of Alphaboost Holdings, LLC and its subsidiaries, including Mashell Telecom executed on December 14, 2023). Applicants filed supplements in the domestic and international dockets on September 19, 2023 and December 22, 2023. Letter from Russell M. Blau, Counsel for Applicants, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-263 and IB File No. ITC-T/C-2023-0801-00096 (filed Sept. 19, 2023) (September Supplement); Letter from Russell M. Blau, Counsel for Applicants, to Marlene H. Dortch, Secretary, FCC, WC Docket No. 23-263 and IB File No. ITC-T/C-2023-0801-00096 (filed Dec. 22, 2023) (December Supplement). Any action on this domestic section 214 application is without prejudice to Commission action on other related, pending applications.

CCI, an Illinois corporation, is a wholly-owned subsidiary of Consolidated Communications Holdings, Inc., a publicly traded Delaware corporation which has various operating subsidiaries that provide telecommunications services to residential and business customers across a twenty-three state service area.[4] CCCC, a Washington corporation and wholly-owned subsidiary of CCI, provides competitive telecommunications services in the state of Washington.[5] CCWC, a Delaware limited liability company and wholly-owned subsidiary of CCCC, provides service as an incumbent LEC also in the State of Washington.[6]

NextCape, a Delaware limited liability company created for the purposes of the proposed transaction,[7] is an indirect wholly-owned subsidiary of Palisade Diversified Infrastructure Fund No. 3 (PDIF3), an Australia infrastructure fund.[8] Applicants state that following the consummation of the proposed transaction, NextCape is expected to be owned indirectly by funds managed by Palisade Americas Management, LLC (PAM), a Delaware entity, and Palisade Investment Partners Limited (PIPL), an Australia specialist infrastructure investment manager.[9]

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[3] *Domestic Section 214 Application Filed for the Transfer of Control of Consolidated Communications of Comerco Company and Consolidated Communications of Washington Company, LLC to NextCape*, LLC, WC Docket No. 23-263, Public Notice, DA 24-39 (WCB 2024) (*Public Notice*).

[4] Application at 3.

[5] *Id.*

[6] *Id.* at 4. Applicants state that CCWC is also designated as an ETC. CCWC receives participates in the Federal Universal Service Fund (USF) Lifeline Program and receives federal high-cost support through the Connect America Fund and the Intercarrier Compensation (CAF-ICC) recovery program. *Id.*

[7] Applicants state that, prior to closing, NextCape will become a direct, wholly-owned subsidiary of Alphaboost Holdings, LLC (Alphaboost Holdings). December Supplement at 2; Application at n.3.

[8] Application at 2. Applicants provide pre- and post-transaction ownership charts and further information on post-transaction ownership. *See* September Supplement at Updated Exh. A (Current and Post-Transaction Corporate Ownership Structures), Updated Exh. B (Post-Transaction Ownership of the Licensees); December Supplement at Attach. 1 (Replacement Updated Exhibit A, Page 2 (Post Ownership Structure of the Licensees)). The trustee for PDIF3 is Pinnacle RE Services Limited (Pinnacle RE), an Australian entity. September Supplement at Updated Exh. A at 2, Updated Exh. B at para. 7. The equity interest holders of PDIF3 are the following Australian entities: UniSuper (up to 15.18% equity); AZN Australia Staff Super Scheme (up to 13.94%); and Palisade Unlisted Infrastructure Trust (up to 19.62%). *Id.* at Updated Exh. A at 2, Updated Exh. B at paras. 9-11. The trustee for UniSuper is UniSuper Limited; the trustee for ANZ Australia Staff Super Scheme is ANZ Staff Super Scheme (Australia) Pty Limited; and the trustee for Palisade Unlisted Infrastructure Trust is Pinnacle Fund Services Limited, each Australian entities. *Id*. Pinnacle RE and Pinnacle Fund Services Limited are indirectly held by Pinnacle Investment Management Limited (PIML), an Australian entity, which, in turn, is indirectly held by the following Australian entities and individuals: HSBC Custody Nominees (Australia) Limited (20.76%); JP Morgan Nominees Australia Pty Limited (10.72%); Steven Wilson (11.28%); and Ian Macoun (9.1%). *Id.* at Updated Exh. A at 4, Updated Exh. B at para. 7 and n.4.

[9] Application at 2. PAM is expected to manage Alphaboost Parent, LLC, a Delaware entity, which, in turn, indirectly wholly owns NextCape. December Supplement, Attach. 1 at 1. Applicants state that PAM is expected to be owned by: (i) Palisade Investment Partners Americas, LLC (PIPA), a Delaware company, with a 75%-100% ownership interest, and (ii) a Delaware entity that has not yet been formed (and may be named Palisade Americas ManCo, LLC), with an up to 25% ownership interest. December Supplement, Attach. 1 at 1; September Supplement, Updated Exh. B at n.2. PIPA is managed by PIPL, which, in turn, is held by the following Australian entities and individuals: PIML (35.90%); Ian Macoun (5%); House of Lloyds Trust (18.47%); Rigg Family Trust (13.83%); and Palisade Officers Shareholding Trust (POST) (21.80%). September Supplement, Updated Exh. A at 3, Updated Exh. B at para. 8. The trustee for the House of Lords Trust is Angela

Pursuant to the terms of the stock purchase agreement, NextCape will acquire all issued and outstanding interests in CCCC, which will continue to directly wholly own CCWC. As a result, CCCC will be a direct, wholly-owned subsidiary of NextCape, and CCWC will be an indirect, wholly-owned subsidiary of NextCape.[10]

We find, upon consideration of the record, that the proposed transfer will serve the public interest, convenience, and necessity.[11]

Pursuant to section 214(a) of the Act, 47 U.S.C. § 214(a) and sections 0.91, 0.291, 63.03, and 63.04 of the Commission's rules, 47 CFR §§ 0.91, 0.291, 63.03, and 63.04, we grant the Application. Pursuant to section 1.103 of the Commission's rules, 47 CFR § 1.103, the consent granted herein is effective upon the release of this Public Notice. Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules, 47 CFR §§ 1.106, 1.115, may be filed within 30 days of the date of this Public Notice.

For further information, please contact Gregory Kwan at gregory.kwan@fcc.gov.

-FCC-

Mary Lloyd, an Australian citizen; the trustee for the Rigg Family Trust is Vicky Rigg, an Australian citizen; and the trustee for POST is Posh Nominees Pty Ltd, an Australian entity. *Id*., Updated Exh. B at para. 8 and n.8.

[10] Application at 4-5. Applicants note that, prior to the consummation of the proposed transaction, there will be a *pro forma* assignment of domestic and international customers which are currently served by Consolidated Communications Enterprise Services, Inc., an interexchange carrier and affiliate of Consolidated, to CCCC. *Id.* at 6.

[11] *See* 47 U.S.C. § 214(a); 47 CFR § 63.03. Applicants attest that they will not close the transaction prior to January 1, 2024. Supplement at 1.

Federal Communications Commission
Washington, D.C. 20554

February 22, 2024

DA 24-159
In Reply Refer to:
1800B3-SDW
Released February 22, 2024

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Waupun Baptist Church
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In re: **NCE MX Group 223**

Vanguard Association of Sunbelt Colleges Corporation
New NCE (FM), Rosendale, WI
Facility ID No. 768563
Application File No. 0000167734

Call Communications Group, Inc.
New NCE (FM), Eden, WI
Facility ID No. 769039
Application File No. 0000167822

WRVM, Inc.
New NCE (FM), Waupun, WI
Facility ID No. 766400
Application File No. 0000166135

The Salvation Poem Foundation, Inc.
New NCE (FM), Cedar Grove, WI
Facility ID No. 768708
Application File No. 0000167767

Educational Media Foundation
New NCE (FM), Fond Du Lac, WI
Facility ID No. 767351
Application File No. 0000166014

State of Wisconsin - Educational Communications Board
New NCE (FM), Plymouth, WI
Facility ID No. 762147
Application File No. 0000166857

Immanuel Bible Church
New NCE (FM), Sheboygan, WI

Facility ID No. 767365
Application File No. 0000167658

Waupun Baptist Church
New NCE (FM), Waupun, WI
Facility ID No. 767323
Application File No. 0000167816

Petition to Deny
Informal Objection

Dear Applicants and Counsel:

We have before us eight mutually exclusive (MX) applications filed by Vanguard Association of Sunbelt Colleges Corporation (VASC), The Salvation Poem Foundation, Inc. (SPF), Call Communications Group, Inc. (Call Comm), Educational Media Foundation (EMF), State of Wisconsin - Educational Communications Board (State), Immanuel Bible Church (Immanuel), Waupun Baptist Church (Waupun), and WRVM, Inc. (WRVM) for construction permits for new noncommercial educational (NCE) FM stations in different communities in Wisconsin, which the Media Bureau (Bureau) designated as NCE MX Group 223.[1] The Commission identified the VASC Application as the tentative selectee of the group.[2] Also before us are: (1) an Informal Objection (Objection) filed on December 15, 2021, by Call Comm;[3] and (2) a Petition to Deny (Petition) filed on January 11, 2022, by WRVM, and

[1] *Media Bureau Identifies Groups of Mutually Exclusive Applications Submitted in the November 2021, Filing Window for New Noncommercial Educational Stations; Opens Window to Accept Settlements and Technical Amendments*, Public Notice, 36 FCC Rcd 16452 (MB 2021). *See also* Application File Nos. 0000167734 (VASC Application), 0000167767 (SPF Application), 0000166135 (WRVM Application), 0000167822 (Call Comm Application), 0000166014 (EMF Application), 0000166857 (State Application), 0000167658 (Immanuel Application), and 0000167816 (Waupun Application).

[2] *Comparative Consideration of 34 Groups of Mutually Exclusive Applications for Permits to Construct New Noncommercial Educational FM Stations*, Memorandum Opinion and Order, 38 FCC Rcd 789, 812-13, para. 102 (2023) (*Third Comparative Order*).

[3] Pleading File No. 0000177311. VASC did not file an opposition to the Objection.

related pleadings.[4] On April 25, 2023, the Bureau issued a Letter of Inquiry (LOI) to VASC,[5] and we have before us VASC's response to the LOI (LOI Response),[6] and related responses filed by WRVM (WRVM LOI Reply) and Call Comm (Call Comm LOI Reply).[7] For the reasons set forth below, we deny the Objection, deny the Petition, dismiss the WRVM and Call Comm Applications,[8] and grant the VASC Application.

Background. The subject applications were filed during the November 2021, NCE FM filing window.[9] In the *Third Comparative Order*, the Commission compared the VASC Application and WRVM Application under the point system.[10] In the point system analysis, VASC and WRVM each received two points for diversity of ownership and proceeded to the tie-breaker analysis.[11] VASC

[4] Pleading File No. 0000179670. On January 25, 2022, VASC filed an Opposition to the WRVM Petition (Opposition). Pleading File No. 0000181241. WRVM filed a second Petition to Deny (Second WRVM Petition), and a Supplement to the Second WRVM Petition (Supplement). Pleading File Nos. 0000210644 (filed Feb. 11, 2023) and 0000211081 (filed Feb. 21, 2023). VASC filed an Opposition to the Second WRVM Petition and Supplement (Opposition to Second WRVM Petition). Pleading File No. 0000212266 (filed Mar. 8, 2023). WRVM filed a Reply to VASC's Opposition to Second WRVM Petition (Reply). Pleading File No. 0000212419 (filed Mar. 13, 2023). Finally, VASC filed a motion for leave to file a sur-reply (Motion for Leave) and a sur-reply to the Reply (Sur-Reply to Reply). Pleading File Nos. 0000213541 and 0000213545 (filed Apr. 5, 2023). The Second WRVM Petition, Supplement, Opposition to Second WRVM Petition, Reply, Motion for Leave, and Sur-Reply to Reply are unauthorized pleadings and, therefore, need not be considered here. *See* 47 CFR § 1.45; *Reier Broad. Co., Inc.*, Memorandum Opinion and Order and Notice of Apparent Liability for Forfeiture, 26 FCC Rcd 14270, 14270, para. 1, n. 4 (MB 2011) (dismissing petitioner's Motion to Dismiss as an unauthorized pleading). Even if we were to consider WRVM's argument in these unauthorized pleadings, we would deny it.. WRVM alleges that the Commission erred in crediting VASC first and second NCE service population totals from a post-window amendment. The record, however, reflects that the referenced post-window amendment reduced VASC's first and second NCE service population totals, and applicants are required to amend to reflect a *reduction* in comparative standing. *See NCE MX Group 95*, Letter Order, 37 FCC Rcd 7928 (MB 2022).

[5] *See* Letter from Albert Shuldiner, Chief, Audio Division, FCC Media Bureau, to Donald E. Martin, Esq., counsel to VASC.

[6] *See* E-Mail from Donald E. Martin, Esq., counsel to VASC, to Alexander Sanjenis, Audio Division, FCC Media Bureau (June 1, 2023).

[7] *See* E-Mail from Jeffrey D. Southmayd, Esq., counsel to WRVM, to Alexander Sanjenis, Audio Division, FCC Media Bureau (June 9, 2023); E-Mail from Rob Robbins, President, Call Comm, to Alexander Sanjenis, Audio Division, FCC Media Bureau (June 13, 2023).

[8] We also dismiss herein the SPF Application, EMF Application, State Application, Immanuel Application, and Waupun Application.

[9] *Media Bureau Announces NCE FM New Station Application Filing Window; Window Open from November 2, 2021, to November 9, 2021*, MB Docket No. 20-343, Public Notice, 36 FCC Rcd 11458 (MB July 23, 2021).

[10] *Third Comparative Order,* 38 FCC Rcd at 813, paras. 103-104. Call Comm, EMF, State, Immanuel, and Waupun did not claim a fair distribution preference and were each eliminated. SPF claimed a fair distribution preference, but because VASC and WRVM each proposed to provide first NCE service to at least 5,000 more people than SPF, SPF was eliminated.

[11] *Id*.

prevailed in the first tie-breaker analysis.[12] Accordingly, the Commission identified VASC as the tentative selectee of MX Group 223 and established a 30-day period for filing petitions to deny.[13]

In the Objection, Call Comm questions the validity of VASC's reasonable site assurance certification. Specifically, Call Comm states that it personally contacted the individuals listed in the VASC Application and states that "none of the listed contacts could positively affirm that reasonable assurance was provided to" VASC.[14] Call Comm also claims that "attributable interests might exist between" VASC and Elijah Radio, Inc. (Elijah Radio), a full-power FM licensee, because David Beihl (Beihl), VASC's president, and Thomas Beihl, Elijah Radio's vice-president, are siblings.[15] Call Comm argues that, because Eliah Radio previously filed 10 applications in the 2021 NCE FM filing window, the VASC Application exceeds the 10-application cap and must be dismissed.[16]

In the Petition, WRVM argues that the VASC is ineligible to hold an NCE FM license because VASC is not registered as a nonprofit business entity in the State of Wisconsin,[17] and is not a 501(c)(3) nonprofit organization under the Internal Revenue Code.[18] WRVM also questions whether the VASC Application is part of "an application mill" designed by VASC's engineering consultant, Luke Rogers, to circumvent the 10-application limit.[19]

In the Opposition to the Petition, VASC argues that, pursuant to section 74.7004(a) of the Commission's rules, the Petition is premature and should dismissed.[20] VASC also states that the Commission neither requires an NCE FM applicant to be incorporated under the laws of the state where the proposed station is located, nor requires such applicant to possess federal tax-exempt status.[21] VASC states that it is a bona fide nonprofit corporation in the State of Arizona.[22] VASC also denies that it has engaged in any attempt to circumvent the 10-application cap, and states that there is no evidence to establish that it "shares any facilities or has any untoward relationship with any other application for which [Luke Rogers] prepared applications."[23].

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[12] *Id*. VASC certified it had no attributable radio authorizations; WRVM certified it had 30 attributable radio authorizations.

[13] *Id.* at 825, para. 144.

[14] Objection at 1.

[15] *Id*. at 2.

[16] *Id*.

[17] Petition at 2.

[18] *Id*. at 3.

[19] *Id*. at 3-4. WRVM notes that Luke Rogers is listed as a contact person for 40 applications filed in the 2021 NCE FM filing window. *Id.*

[20] Opposition at 2.

[21] *Id*. at 2-3.

[22] *Id*.

[23] *Id*. at 6. *See also FCC Adopts 10-Application Limit for NCE FM New Stations in Upcoming 2021 Filing Window*, Public Notice, MB Docket No. 20-343, 36 FCC Rcd 7754 (2021) (*NCE Cap Public Notice*); 47 CFR § 73.503(g).

In the LOI Response, to support its reasonable site assurance certification, VASC provided email correspondence between Luke Rogers and Heather Saxton, a representative of the tower owner's agent.[24] In the *Saxton Correspondence*, (1) Luke Rogers informs Ms. Saxton that "a client" would be submitting an application for a new NCE FM station and is interested in using space on a tower owned by US Cellular,[25] (2) Ms. Saxton confirms the availability of space on the Tower and the specific heights available, and (3) Luke Rogers informs Ms. Saxton of the antenna height his client intends to use. After VASC filed the VASC Application, Luke Rogers informed Ms. Saxton that VASC was the previously unnamed client and of VASC's inclusion of the Tower in the VASC Application.[26]

In the Call Comm LOI Reply, Call Comm states that VASC's reasonable site assurance documentation is insufficient because VASC's name was not disclosed to the tower owner until after the VASC Application was filed.[27] Call Comm also questions whether Elijah Radio or Gary Beihl has exercised *de facto* control over the VASC Application and whether either is the real party-in-interest behind the VASC Application.[28]

Discussion. Pursuant to section 309(d) of the Communications Act of 1934, as amended,[29] petitions to deny and informal objections must provide properly supported allegations of fact that, if true, would establish a substantial and material question of fact that grant of the application would be *prima facie* inconsistent with the public interest.[30]

Procedural Matters. At the outset, we agree with VASC that the Petition was filed prematurely. Pursuant to section 73.7004(a) of the Rules, petitions to deny will only be accepted against the tentative

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[24] LOI Response at Attach. 1 (*Saxton Correspondence*).

[25] In his email, Luke Rogers identified the proposed tower as ASR #1300127 (*Tower*). This is the ASR identified in the VASC Application. *See* VASC Application at Antenna Location Data, ASR Number.

[26] In the LOI Response, VASC also provided information and documentation to support its financial certification in the VASC Application.

[27] Call LOI Comm Reply at 1-2.

[28] *Id*. WRVM also submitted an LOI Reply questioning whether VASC possesses the financial assets needed to construct and operate each of the eight stations it applied for in the 2021 NCE FM filing window. *See* WRVM LOI Reply at 3. We reject this argument. In its LOI Response, VASC explained that it estimated the construction and three-month operation costs for the Station to be $50,000, and the total financial commitment to construct all eight then-pending stations, including the VASC Application, to be $512,328. To prove its financial qualifications, VASC stated *inter alia* that it intended to rely on a loan commitment from Beihl's father, Gary Beihl, to fund the proposed stations. VASC provided a copy of Gary Beihl's IRA Statement Overview, which reflects a value of $512,840.70, and a sworn declaration from Gary Beihl stating that he intended to loan the funds from the IRA to VASC in order to fund each of the proposed stations. Accordingly, we find that VASC has adequately demonstrated its financial qualifications. *See, e.g., Armando Garcia*, Decision, 3 FCC Rcd 1065, 1066, para. 11 (Rev.Bd. 1988), *review denied*, 3 FCC Rcd 4767 (1988) (finding documentation of an applicant's spouse's retirement plan sufficient to demonstrate financial qualifications).

[29] 47 U.S.C. § 309(d).

[30] *See, e.g*., *WWOR-TV, Inc*., Memorandum Opinion and Order, 6 FCC Rcd 193, 197, n.10 (1990), *aff'd sub nom. Garden State Broad. L.P. v. FCC*, 996 F. 2d 386 (D.C. Cir. 1993), *rehearing denied* (Sep. 10, 1993); *Gencom, Inc. v. FCC*, 832 F.2d 171, 181 (D.C. Cir. 1987); *Area Christian Television, Inc*., Memorandum Opinion and Order, 60 RR 2d 862, 864, para. 6 (1986) (petitions to deny and informal objections must contain adequate and specific factual allegations sufficient to warrant the relief requested).

selectee.[31] WRVM filed the Petition against the VASC Application prior to the Commission's selection of VASC as the tentative selectee in this MX Group.[32] However, given that the VASC Application was ultimately identified as the tentative selectee for MX Group 223, and in the interest of having a complete record, we consider the Petition.[33]

Reasonable Site Assurance. An NCE FM applicant must have reasonable assurance that its specified site will be available for the construction and operation of its proposed facilities at the time it files its application.[34] While the Commission affords some latitude regarding reasonable assurance, there must, at a minimum, be a "meeting of the minds resulting in some firm understanding as to the site's availability."[35] A mere possibility that the site will be available is not sufficient.[36] Schedule 340 requires an applicant to certify that it has such reasonable site assurance and instructs the applicant to specify the name of the person contacted to verify the site's availability, the person's telephone number, and whether the contact is the tower owner, agent, or authorized representative.[37]

We find that VASC has sufficiently demonstrated that it had reasonable assurance of site availability at the time it filed the VASC Application. The *Saxton Correspondence* demonstrates a "meeting of the minds" between Luke Rogers and Ms. Saxton regarding VASC's intent to use the Tower in its application. Call Comm cites no authority that supports invalidating VASC's reasonable assurance documentation based on the fact that VASC's name was not disclosed to Ms. Saxton until after the VASC Application was filed, and, therefore, we reject this argument.

De Facto Control. We also reject the argument that Elijah Radio or Luke Rogers has exercised *de facto* control over VASC, and that either is the real party-in-interest behind the VASC Application, as unsupported.[38] The pleadings posit that the VASC Application was designed by Luke Rogers, president of Elijah Radio, to circumvent the 10-application cap because Eliah Radio previously filed 10 applications in the 2021 NCE FM filing window.[39] The Commission analyzes *de facto* control issues on a

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[31] 47 CFR § 73.7004(a).

[32] *See* Petition; *Third Comparative Order*, 38 FCC Rcd at 813, para. 104.

[33] *Comparative Consideration of 32 Groups of Mutually Exclusive Applications for Permits to Construct New Noncommercial Educational FM Stations*, Memorandum Opinion and Order, 37 FCC Rcd 12898 at 12907, para. 31, n.60 (2022) ("We will hold the pleadings in abeyance and consider them after the adoption of this Order."); *See, e.g., NCE MX Group 52*, Letter Order, 37 FCC Rcd 11270 at 11271, n.4 (MB 2022).

[34] *See William F. Wallace and Anne K. Wallace*, Memorandum Opinion and Order, 49 FCC 2d 1424, 1427, paras. 6-7 (1974) (*Wallace*); *South Florida Broad. Co.*, Memorandum Opinion and Order, 99 FCC 2d 840, 842, para. 3 (1984).

[35] *NCE MX Group 337A*, Letter Order, 26 FCC Rcd 6020, 6024 (MB 2011).

[36] *Wallace*, 49 FCC 2d at 1427, para. 6.

[37] *See Schedule 340* at Technical Certifications, Reasonable Site Assurance; *Instructions – Form 2100, Schedule 340 – Noncommercial Educational Station for Reserved Channel Construction Permit Application* at page 22; *see also Reexamination of the Comparative Standards and Procedures for Licensing Noncommercial Educational Broadcast Stations and Low Power FM Stations*, MB Docket No. 19-3, Report and Order, 34 FCC Rcd 12519, 12542, para. 59 (2019).

[38] *See* Objection at 2-3; Petition at 3-4.

[39] *Id*. Pursuant to the cap, no party may have an attributable interest in more than ten applications. *See* 47 CFR § 73.503(g); *NCE Cap Public Notice*, 36 FCC Rcd at 7758, para 12. An entity or party with *de facto* or *de jure* control over an applicant would necessarily have an attributable interest. *See, e.g., The Helpline*, Letter Order, 23 FCC Rcd 12665, 12670 (MB 2008).

case-by-case basis.[40] In determining whether an entity has *de facto* control of an applicant or a licensee, we examine the policies governing station programming, personnel, and finances.[41] A broadcast entity's surrender of control over any one of these indicia to another is sufficient to find that the other entity has *de facto* control.[42]

The Objection and Petition base this allegation of *de facto* control on the fact that (1) a familial relationship exists between Beihl and Elijah Radio's vice-president, Thomas Beihl, and (2) Luke Rogers, VASC's consulting engineer, is listed as a contact representative on the VASC Application and numerous other applications filed in this window. However, the Commission has long recognized that familial and business relationships, standing alone, are insufficient to create real-party-in-interest or unauthorized transfer of control problems.[43] Similarly, the Commission has been clear that similarities in applications prepared by a third-party, such as using the same consultant, do not demonstrate common control of applications.[44] We have previously noted that it is common for multiple applications to have the same consultants.[45] Moreover, Luke Rogers submitted a declaration to the Bureau, under penalty of perjury, stating that neither he nor Elijah Radio has any ownership interest in VASC, nor has he or Elijah Radio exercised "any de jure or de facto control over" VASC.[46] Accordingly, we find that this allegation, absent any concrete indicia of common control or influence, is insufficient to establish that VASC has abdicated control to another person or entity, or that the VASC Application is an attempt to circumvent the 10-application rule.[47]

Corporate Status. Finally, we reject WRVM's remaining argument that VASC is ineligible to hold an NCE FM license for the proposed Station due to the fact that VASC is registered as a nonprofit corporation in Arizona, not Wisconsin. The Commission's rules require that NCE FM applicants be, *inter alia*, nonprofit entities with a demonstrated educational purpose.[48] We do not require applicants to be incorporated, registered, or otherwise organized as nonprofit entities in the state of the proposed

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[40] *See Shareholders of Hispanic Broadcasting Corporation*, Memorandum Opinion and Order, 18 FCC Rcd 18834, 18843 (2003); *Arnold L. Chase*, Initial Decision, 6 FCC Rcd 7387, 7409, para. 158 (ALJ 1991) (*Arnold Chase*).

[41] *See, e.g., Hicks Broadcasting of Indiana, LLC,* Hearing Designation Order, 13 FCC Rcd 10662, 10677 (1998) ("Control over any one of the areas of personnel, programming and finances would be sufficient for a finding of *de facto* control.").

[42] *Id*.

[43] *Arnold Chase,* 6 FCC Rcd at 7409, para. 160.

[44] *See, e.g., Mt. Zion Educ. Assoc*., Letter Order, 25 FCC Rcd 15088, 15091-92 (MB 2010).

[45] *Eternal World Television Network, Inc*., Letter Order 24 FCC Rcd 4691, 4692 (MB 2009).

[46] *See* Pleading File No. 0000167716 (Declaration of Luke Rogers at 1, Attach. to VASC's Opposition in MX Group 74).

[47] For this same reason, we reject Call Comm's allegation that Gary Beihl has exercised de facto control over VASC as unsupported. *See* Call Comm LOI Reply at 1.

[48] *See* 47 CFR § 73.503(a) ("A noncommercial educational FM broadcast station will be licensed only to a nonprofit educational organization and upon showing that the station will be used for the advancement of an educational program."); *Denny and Marge Hazen Ministries, Inc.*, Letter Order, 23 FCC Rcd 11579, 11581 (MB 2008) ("In applying Section 73.503 of the Rules, the Commission has required that NCE applicants be: (a) a government or public educational agency, board or institution; (b) a private, nonprofit educational organization; or (c) a nonprofit entity with a demonstrated educational purpose.").

station.[49] Similarly, contrary to WRVM's contention, our rules do not require NCE FM applicants to be qualified as section 501(c)(3) nonprofit entities under the Internal Revenue Code in order to establish their eligibility.[50]

Conclusion/Actions. For the reasons set forth above, **IT IS ORDERED** that the Petition to Deny filed by WRVM, Inc. on January 11, 2022 (Pleading File No. 0000179670), **IS DENIED**.

IT IS FURTHER ORDERED that the Informal Objection filed by Call Communications Group, Inc. on December 15, 2021 (Pleading File No. 0000177311) **IS DENIED**.

IT IS FURTHER ORDERED that the application filed by Vanguard Association of Sunbelt Colleges Corporation (Application File No. 0000167734) **IS GRANTED CONDITIONED UPON** that selectee's compliance with section 73.7005 of the Commission's rules, 47 CFR § 73.7005, which sets forth a four-year period in which an applicant, that is awarded a permit by use of the point system, must maintain the comparative qualifications for which it received points, and must comply with the restrictions on station modifications and acquisition, and also provides that an applicant receiving a Section 307(b) preference that is decisive over another applicant must operate technical facilities substantially as proposed for a period of four years of on-air operations.

IT IS FURTHER ORDERED that the mutually exclusive applications of WRVM, Inc. (Application File No. 0000166135), Salvation Poem Foundation, Inc. (Application File No. 0000167767), Call Communications Group, Inc. (Application File No. 0000167822), Educational Media Foundation (Application File No. 0000166014), State of Wisconsin – Educational Communications Board (Application File No. 0000166857), Immanuel Bible Church (Application File No. 0000167658), and Waupun Baptist Church (Application File No. 0000167816) **ARE DISMISSED**.

Sincerely,

Albert Shuldiner
Chief, Audio Division
Media Bureau

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[49] For instance, Educational Media Foundation and American Family Association are California and Mississippi nonprofit corporations, respectively, which hold licenses or permits for many NCE FM stations throughout the United States. *But see Oklahoma Wynnewood Community Radio Association*, Letter Order, 29 FCC Rcd 107, 110 (MB Jan 7, 2014) (finding an applicant ineligible to hold an NCE FM license because it is an unincorporated association and applicant failed to show "that it is recognized by *any* state." (emphasis in original)).

[50] *See Fatima Response, Inc.*, Memorandum Opinion and Order, 1999 WL 809703, para. 11 (1999) (eligibility for a NCE license "does not hinge on whether or not the applicant has received tax-exempt status from the I.R.S.").

PUBLIC NOTICE

Federal Communications Commission
45 L St., N.E.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: http://www.fcc.gov

DA 24-160
Released: February 22, 2024

NOTICE OF DOMESTIC SECTION 214 AUTHORIZATION GRANTED

WC Docket No. 23-419

The Wireline Competition Bureau (Bureau) grants the application listed in this Public Notice pursuant to the Commission's streamlined procedures for domestic section 214 transfer of control applications, 47 CFR § 63.03. The Bureau determined that a grant of this application serves the public interest.[1] For the purposes of computation of time when filing a petition for reconsideration or application for review, or for judicial review of the Commission's decision, the date of "public notice" shall be the release date of this Public Notice.[2] Should no petition for reconsideration, application for review, or petition for judicial review be timely filed, the proceeding listed in this Public Notice shall be terminated, and the docket will be closed.

Domestic Section 214 Application Filed for the Transfer of Control of
Outfitter Satellite, Inc. to NextPlat Corp
WC Docket No. 23-419, Public Notice, DA 24-66 (WCB 2023).

Effective Grant Date: February 22, 2024

For further information, please contact Tracey Wilson at (202) 418-1394 or Gregory Kwan at (202) 418-1191, Competition Policy Division, Wireline Competition Bureau.

-FCC-

[1] *Implementation of Further Streamlining Measures for Domestic Section 214 Authorizations*, Report and Order, 17 FCC Rcd 5517, 5529, para. 22 (2002).

[2] *Id.*; *see* 47 CFR § 1.4 (Computation of time).

PUBLIC NOTICE

Federal Communications Commission
45 L Street, NE
Washington, D.C. 20554

News Media Information: 202-418-0500
Internet: http://www.fcc.gov
TTY: 1-888-835-5322

DA 24-161
Released: February 22, 2024

PETITION FOR DECLARATORY RULING FILED

Interested persons may file comments opposing or supporting the Petition for Declaratory Ruling in the docket listed herein within 30 days.

DOCKET NO.	RULE SEC.	PETITIONER	DATE	NATURE OF PETITION
CG 02-278	47 CFR § 64.1601(e)	Mark W. Dobronski	12/13/2023	That the Bureau clarify the statutory authority by which the Commission adopted section 64.1601(e) under the Telephone Consumer Protection Act.

1356

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-162
Released: February 22, 2024

TRIBAL LISTENING SESSION ON PROPOSED SCHOOLS AND LIBRARIES CYBERSECURITY PILOT PROGRAM (FCC 23-92)

Interactive Session will be held at 1:00 p.m. ET on February 29, 2024

The Federal Communications Commission's Office of Native Affairs and Policy (ONAP) and the Wireline Competition Bureau will host a listening session for Tribal government leaders, Tribal service providers and IT managers, and representatives of Tribal schools, and libraries staff to inform participants about the Commission's recently proposed Schools and Libraries Cybersecurity Pilot Program.

This interactive, one-hour session will discuss a Notice of Proposed Rulemaking (NPRM) (FCC 23-92) adopted on November 13, 2023, which proposes the creation of a Schools and Libraries Cybersecurity Pilot Program that would allow the Commission to obtain valuable data concerning the cybersecurity services that would best help K-12 schools and libraries, including Tribal schools and libraries, address the growing number of cyber threats and attacks against their broadband networks and student, school staff, and library patron data. This webinar will provide an overview of the proposed pilot program and how you can participate in the rulemaking proceeding. Participants will also have an opportunity to ask questions they may have during, or in advance, of the event.

The proposed pilot program calls for an investment of up to $200 million over three years to fund cybersecurity equipment and services for selected participants. The proposed pilot would be within the Universal Service Fund (USF), but funded separately from the Commission's E-Rate Program, to ensure gains in enhanced cybersecurity protections do not come at a cost of undermining E-Rate's success in connecting schools and libraries, and promoting digital equity. The proposed pilot program seeks to learn more about which cybersecurity services will have the greatest impact in helping K-12 schools and libraries protect their broadband networks and data, while also ensuring that limited USF funds are being utilized in the most effective manner. The NPRM seeks comment on a number of questions including, for example: (1) the proposed goals for the pilot program; (2) the structure of the pilot program and the participant evaluation process; (3) who should be eligible to participate in the pilot program; (4) the types of services and equipment that should be eligible for support; (5) the applicability of E-Rate and other program rules, forms and processes to the proposed pilot; and (6) the Commission's authority to establish the proposed pilot.

The interactive listening session will include an overview of the NPRM and the recently proposed cybersecurity pilot program, followed by an opportunity for Tribal participants to ask questions and provide informal feedback about the proposed cybersecurity pilot program. Commission staff will prepare a written summary of the input received during the listening session and enter it into WC Docket No. 23-234, the public record, for this proceeding. In addition, interested parties may submit written comments using the FCC's Electronic Comment Filing System (ECFS) using WC Docket No. 23-234, or request a meeting with Commission staff to discuss the proposed pilot program.

The listening session will take place at 1:00 p.m. Eastern Time, on Thursday, February 29, 2024.

To register, please send an email with your name, contact information, and Tribal affiliation to tribal.events@fcc.gov stating "Cybersecurity Pilot" in the subject line.

Prior to this event, questions can be submitted by sending an email to tribal.events@fcc.gov. Open captioning will be provided for this event. Other reasonable accommodations for people with disabilities are available upon request. Requests for such accommodations should be submitted via e-mail to fcc504@fcc.gov or by calling the Consumer & Governmental Affairs Bureau at (202) 418-0530 (voice). Such requests should include a detailed description of the accommodation needed. In addition, please include a way for FCC staff to contact the requester if more information is needed to fill the request. Last minute requests will be accepted but it may not be possible to accommodate the request.

For questions about the listening session, please contact ONAP at Native@fcc.gov.

- FCC -

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: http://www.fcc.gov (or ftp.fcc.gov)
TTY (202) 418-2555

DA No. 24-163

Report No. SAT-01802 **Friday February 23, 2024**

Satellite Licensing Division and Satellite Programs and Policy Division Information

Actions Taken

The Commission, by its Space Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-MOD-20230824-00210 E S3087 Lynk Global, Inc.
Modification
Grant of Authority Effective Date: 02/22/2024

Nature of Service: Mobile Satellite Service

On February 22, 2024, the Satellite Programs and Policy Division granted, with conditions, the request of Lynk Global, Inc. for modification of its authorization to operate ten non-geostationary satellites in low-Earth orbit. Specifically, in connection with a condition in paragraph 34 of its authorization, the Division finds that Lynk has made a technical demonstration that satellite operations with its Maui, Hawaii earth station are compatible with non-Federal mobile-satellite service or fixed-satellite service systems authorized to operate in the 20.1-20.2 GHz (space-to-Earth) and 29.9-30.0 GHz (Earth-to-space) bands.

SAT-MOD-20240213-00030 E S2633 Gamma Acquisition L.L.C.
Modification
Grant of Authority Effective Date: 02/22/2024

Nature of Service: Mobile Satellite Service, Other

Record update to reflect revised ownership information following pro forma transfer of control of U.S. market access grantee.

SAT-MOD-20240213-00031 E S2651 DBSD Services Limited
Modification
Grant of Authority Effective Date: 02/22/2024

Nature of Service: Mobile Satellite Service

Record update to reflect revised ownership information following pro forma transfer of control of U.S. market access grantee.

SAT-MOD-20240219-00035 E S2651 DBSD Services Limited
Modification
Grant of Authority Effective Date: 02/22/2024

Nature of Service: Mobile Satellite Service

Record update to reflect pro forma assignment of U.S. market access grant from DBSD Corporation to DBSD Services Limited.

SAT-STA-20240110-00012 E S2750 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 02/21/2024

Nature of Service: Fixed Satellite Service

On February 21, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Intelsat License LLC, for an additional period of 180 days, to operate Intelsat 16 over a new coverage area in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands at the 76.2º W.L. orbital location.

SAT-STA-20240214-00032 E S2380 Intelsat License LLC
Special Temporary Authority
Withdrawn Effective Date: 02/16/2024

SAT-STA-20240214-00033 E S2382 Intelsat License LLC
Special Temporary Authority
Withdrawn Effective Date: 02/16/2024

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.

Federal Communications Commission
Washington, D.C. 20554

February 23, 2024

DA 24-164
In Reply Refer to:
1800B3-HD
Released: February 23, 2024

Mr. Robert Connelly
Weather Alert Radio Network
17909 Holly Brook Drive
Tampa, FL 33647
rob@audioventuresgroup.com

In re: **Weather Alert Radio Network**
Applications for Construction Permits for New Low Power FM Stations in Communities in Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Texas, Virginia and the Virgin Islands

Dear Counsel:

We have before us the applications listed in the Attachment to this letter (Applications) filed by the Weather Alert Radio Network (WARN) for construction permits for new low power FM (LPFM) stations in communities located in Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Texas, Virginia, and the Virgin Islands.[1] As explained below, with respect to each of the Applications, WARN has failed to demonstrate that it is eligible to hold the LPFM authorization it seeks. Accordingly, we dismiss the Applications as defective pursuant to section 73.3566(a) of the Commission's rules (Rules).[2]

Background. WARN filed the Applications during a filing window for new LPFM station construction permits that the Commission opened between December 6, 2023, and December 15, 2023.[3] In each of the Applications, WARN certified that "[i]t proposes a public safety radio service and has jurisdiction within the service area of the proposed LPFM station."[4] Attached to the Applications were

[1] While the Commission generally prohibits an entity or party from holding an attributable interest in more than one LPFM station, WARN seeks to take advantage of an exception to the general prohibition which allows "not-for-profit organizations and governmental entities with a public safety purpose [to] be granted multiple licenses if: (1) One of the multiple applications is submitted as a priority application; and (2) The remaining non-priority applications do not face a mutually exclusive challenge." *See* 47 CFR § 73.855. WARN has designated its application for a construction permit for a new LPFM station at Riverview, Florida as its priority application. *See* Application File No. 0000231542.

[2] 47 CFR § 73.3566(a).

[3] *See Media Bureau Announces Extension of LPFM New Station Filing Window,* Public Notice, DA 23-1150 (MB Dec. 11, 2023).

[4] Applications, Legal Certifications, Community-Based Criteria.

documents entitled "Exhibit in Support of LPFM Application Public Safety Radio Program" (Exhibits).[5] The Exhibits explain that WARN proposes to use each LPFM station to "provide current local weather information, preparedness information and local resource information 24 hours per day and 7 days per week."[6] They also state that WARN has been in contact with various public safety organizations, "each of whom holds jurisdiction as a local, county, state or national government entity" and that the organizations "have agreed to work with [WARN] and have received information and correspondence regarding the programming and proposed application plans of [WARN's] proposed LPFM stations" in that state.[7]

Discussion. The Commission restricts the types of entities that may hold LPFM authorizations and the types of service those entities may provide.[8] Among the entities eligible to hold LPFM authorizations are "[s]tate and local governments and non-government entities that will provide non-commercial public safety radio services."[9] The Commission also requires that entities receiving LPFM authorizations be based in the community their proposed LPFM stations will serve.[10] In the case of a state or local government or non-government entity proposing a non-commercial public safety radio service, the Commission considers the entity to be community-based if it "has jurisdiction within the service area of the proposed LPFM station."[11] As discussed below, we find that WARN is not eligible to hold an LPFM license because it will not provide a "public safety radio service" and is not community-based with respect to its proposed LPFM stations.

Public Safety Radio Service. We reject WARN's claim that it is eligible to hold LPFM licenses because it is a non-governmental entity proposing to provide a public safety radio service.[12] In the LPFM context, the Commission uses the definition of "public safety radio services" set forth in section 309(j)(2)(A) of the Communications Act of 1934, as amended (Act).[13] That section defines "public safety radio services" as "including private internal radio services used by State and local governments and non-government entities and including emergency road services provided by not-for-profit organizations, that—(i) are used to protect the safety of life, health, or property; and (ii) are not made commercially available to the public."[14] The Commission has explained that the phrase "public safety radio services" encompasses three categories of services: (1) traditional public safety services such as police, fire, and emergency medical services, (2) private internal radio services designated for non-

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[5] WARN attached the same exhibit to each application for a proposed LPFM station in a particular state. The exhibits varied slightly depending on the state involved but generally contained the same information.

[6] Exhibits at para. 2.

[7] *Id*. at para. 5.

[8] 47 CFR § 73.853(a).

[9] *Id.* § 73.853(a)(2). The other eligible entities and services are (1) nonprofit educational organizations that will use their LPFM stations to advance an educational program, and (2) Tribal Applicants that will provide non-commercial radio services. *Id.* § 73.853(a)(1), (3).

[10] *Id.* § 73.853(b).

[11] *Id.* § 73.853(b)(3).

[12] Applications, Legal Certifications, Community-Based Criteria, and Exhibits.

[13] *Creation of Low Power Radio Service*, Report and Order, MM Docket No. 99-25, 15 FCC Rcd 2205, 2215, para. 23 (2000) (stating that "public safety radio services used by state or local governments or not-for-profit organizations, as defined in 47 U.S.C. § 309(j)(2)(A), will be eligible for LPFM licenses").

[14] 47 U.S.C. § 309(j)(2)(A).

commercial use by entities such as utilities, railroads, transit systems, and others that provide essential services to the public at large and that need reliable internal communications in order to prevent or respond to disasters or crises affecting their service to the public, and (3) private internal radio services used by not-for-profit organizations providing emergency road services.[15] WARN proposes to use each LPFM station to provide weather and weather-preparedness information to the general public. This type of service does not fall into any of the "public safety radio service" categories. The service WARN proposes, therefore, cannot qualify as a "public safety radio service" absent a waiver, which WARN did not request.

Community-Based. We also find that WARN is ineligible to hold the LPFM authorizations it seeks because it is not local (*i.e.*, based in the communities the proposed LPFM stations will serve). The Commission considers an LPFM applicant proposing a "public safety radio service" to be local with respect to its proposed LPFM station if the applicant has jurisdiction within the service area of its proposed LPFM station.[16] While WARN certified in the Applications that it is local with respect to each of the proposed LPFM stations, WARN offered no evidence that it has jurisdiction within any of those stations' service areas. Instead, in the Exhibits, WARN asserts that it has "been in contact with" various public safety organizations, "each of whom holds jurisdiction as a local, county, state or national government entity regarding the dissemination of public safety information." WARN goes on to claim that "[t]he organizations have agreed to work with [WARN] and have received information and correspondence regarding the programming and proposed application plans of [WARN]'s proposed LPFM stations." WARN nowhere states that it has jurisdiction in the service areas of the proposed LPFM stations or that it has been authorized by any of the public safety organizations that do hold jurisdiction in those service areas, nor did it request a waiver of the jurisdiction requirement.

Conclusion/Actions. WARN has not satisfied the eligibility requirements set forth in sections 73.853(a) and 73.853(b) of the Rules, and did not submit requests for waiver of those requirements with the Applications. For this reason, we find that the Applications are patently defective and must be dismissed. Accordingly, **IT IS ORDERED**, that the applications for new LPFM stations filed by the Weather Alert Radio Network in December 2023 (and listed in the Attachment hereto)[17] **ARE DISMISSED** pursuant to section 73.3566(a) of the Commission's rules.[18]

Sincerely,

Albert Shuldiner
Chief, Audio Division
Media Bureau

Attachment

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[15] *Implementation of Sections 309(j) and 337 of the Communications Act of 1934 as Amended*, Report and Order and Further Notice of Proposed Rulemaking, WT Docket No. 99-87, 15 FCC Rcd 22709, 22716, para. 16, 22740, para. 64, 22743, para. 71 (2000). *See also* H.R. Conf. Rep. No. 105-217, 105th Cong., 1st Sess., at 572 (1997).

[16] 47 CFR § 73.853(b)(3).

[17] Because we find that WARN has not satisfied the eligibility requirements of sections 73.853(a)(2) and 73.853(b)(1)-(3), we dismiss all of the Applications, including its priority application for Riverview, Florida (*see supra* note 1) as well as its non-priority applications (including singletons).

[18] 47 CFR § 73.3566(a).

ATTACHMENT

Facility ID No.	Application File No.*	City	State
782960	231543	Dauphin Island	AL
782952	231834	Foley	AL
782957	231835	Foley	AL
778100	231833	Robertsdale	AL
777979	231857	Seminole	AL
778102	231544	Spanish Fort	AL
778105	231521	Theodore	AL
778104	231522	Theodore	AL
778103	231523	Theodore	AL
782827	231573	Alma	FL
781915	231632	Baker	FL
781918	231634	Baker	FL
782831	231568	Big Pine Key	FL
782836	231569	Big Pine Key	FL
778145	231553	Brooksville	FL
781978	231639	Cantonment	FL
781979	231641	Cantonment	FL
781974	231647	Chiefland	FL
781976	231649	Chiefland	FL
778164	231565	Chipley	FL
782848	231593	Cocoa	FL
782849	231594	Cocoa	FL
782850	231595	Cocoa	FL
782838	231570	Crestview	FL
781986	231650	Crystal River	FL
778156	231571	Cudjoe Key	FL
778217	231572	Cudjoe Key	FL
781969	231869	Daytona Beach	FL
782841	231578	DeFuniak Springs	FL
782845	231580	DeFuniak Springs	FL
778146	231870	Dunnellon	FL
782822	231581	Everglades City	FL
782826	231582	Everglades City	FL
782729	231583	Everglades National Park	FL
782730	231585	Everglades National Park	FL
778131	231586	Fernandina Beach	FL
778129	231588	Fernandina Beach	FL
778132	231589	Fernandina Beach	FL
778133	231591	Fernandina Beach	FL
778141	231883	Fort Pierce	FL

Facility ID No.	Application File No.*	City	State
778142	231884	Fort Pierce	FL
778108	231510	Holiday	FL
778147	231901	Homosassa	FL
778136	231878	Inglis	FL
778137	231879	Inglis	FL
778179	231663	Key Lar	FL
778180	231665	Key Lar	FL
778158	231653	Key West	FL
778155	231657	Key West	FL
778218	231905	Labelle	FL
778177	231890	Lecanto	FL
778178	231891	Lecanto	FL
782852	231659	Marathon	FL
782854	231661	Marathon	FL
782881	231902	Marco Island	FL
782882	231903	Marco Island	FL
778228	231909	Middleburg	FL
778229	231910	Middleburg	FL
778112	231874	Nokomis	FL
782734	231942	Ochopee	FL
781965	231517	Ormond Beach	FL
781967	231963	Ormond Beach	FL
778134	231881	Port Saint Lucie	FL
778135	231882	Port Saint Lucie	FL
782728	231542	Riverview	FL
781960	231926	Santa Rosa Beach	FL
781963	231927	Santa Rosa Beach	FL
781984	231934	Sopchoppy	FL
781985	231935	Sopchoppy	FL
778159	231860	Sugarloaf Key	FL
778160	231861	Sugarloaf Key	FL
778161	231862	Sugarloaf Key	FL
778117	231848	Tavernier	FL
778118	231876	Tavernier	FL
778119	231877	Tavernier	FL
778163	231961	Trenton	FL
781991	231937	Venice	FL
778154	231886	Vero Beach	FL
778153	231887	Vero Beach	FL
778111	231628	Wabasso	FL
778113	231888	Wabasso	FL
778110	231889	Wabasso	FL

Facility ID No.	Application File No.*	City	State
778162	231959	Westville	FL
778270	231554	Brunswick	GA
781678	231601	Darien	GA
781675	231603	Darien	GA
781665	231643	Folkston	GA
781478	231644	Folkston	GA
781470	231620	Hinesville	GA
781471	231621	Hinesville	GA
782883	231911	Midway	GA
781667	231604	Saint Simons Island	GA
781669	231605	Saint Simons Island	GA
778257	231859	Shellman Bluff	GA
778269	231841	St Marys	GA
778150	231610	Townsend	GA
778151	231611	Townsend	GA
778152	231613	Woodbine	GA
781468	231614	Woodbine	GA
778215	231498	Abbeville	LA
778214	231499	Abbeville	LA
778230	231545	Bell City	LA
778212	231563	Chauvin	LA
778211	231564	Chauvin	LA
778216	231566	Covington	LA
778213	231567	Covington	LA
778116	231845	Houma	LA
778054	231529	New Iberia	LA
778053	231530	New Iberia	LA
778055	231532	New Iberia	LA
778093	231629	Thibodaux	LA
778094	231630	Thibodaux	LA
778139	231549	Biloxi	MS
778140	231550	Biloxi	MS
778138	231551	Biloxi	MS
778095	231866	Diamondhead	MS
778182	231846	Pascaula	MS
778097	231626	Pass Christian	MS
778096	231627	Pass Christian	MS
778183	231645	Poplarville	MS
778184	231646	Poplarville	MS
778099	231524	Saucier	MS
778098	231525	Saucier	MS
778051	231526	Vancleave	MS

Facility ID No.	Application File No.*	City	State
778050	231527	Vancleave	MS
783155	231837	Barco	NC
778061	231503	Bath	NC
778062	231504	Bath	NC
782021	231596	Beaufort	NC
782031	231600	Beaufort	NC
782034	231636	Bolivia	NC
783029	231557	Buxton	NC
783033	231558	Buxton	NC
783109	231561	Cedar Island	NC
783113	231562	Cedar Island	NC
783024	231893	Hatteras	NC
783027	231894	Hatteras	NC
782088	231830	Havelock	NC
782090	231895	Havelock	NC
783158	231899	Holly Ridge	NC
783159	231900	Holly Ridge	NC
783019	231540	Jacksonville	NC
783018	231904	Jacksonville	NC
783012	231513	Kitty Hawk	NC
783014	231515	Kitty Hawk	NC
778016	231906	Leland	NC
783117	231516	Manteo	NC
783154	231908	Manteo	NC
783156	231913	Morehead City	NC
783157	231914	Morehead City	NC
782091	231922	New Bern	NC
782092	231925	New Bern	NC
783104	231916	Ocracoke	NC
783108	231917	Ocracoke	NC
778224	231850	Supply	NC
778225	231852	Supply	NC
778060	231955	Washington	NC
778086	231969	Washington	NC
778254	231957	Wilmington	NC
778255	231956	Wrightsville Beach	NC
778260	231855	Bluffton	SC
778259	231897	Hilton Head Island	SC
781694	231898	Hilton Head Island	SC
781875	231907	Longs	SC
778258	231858	Mount Pleasant	SC
781871	231940	Murrells Inlet	SC

Facility ID No.	Application File No.*	City	State
778223	231941	Ridgeland	SC
781708	231964	Walterboro	SC
777998	231502	Alvin	TX
778010	231505	Bay City	TX
778019	231507	Beaumont	TX
783193	231854	Bishop	TX
778015	231535	Deweyville	TX
778014	231536	Deweyville	TX
778013	231537	Deweyville	TX
783170	231509	Hitchcock	TX
778017	231831	Orange	TX
778128	231608	Port Aransas	TX
778149	231609	Port Aransas	TX
778227	231839	Port Arthur	TX
783189	231938	Port Lavaca	TX
783190	231939	Port Lavaca	TX
783166	231946	Refugio	TX
783167	231947	Refugio	TX
778126	231606	Rockport	TX
778127	231607	Rockport	TX
783188	231952	San Perlita	TX
783187	231954	San Perlita	TX
783171	231965	Santa Rosa	TX
783191	231944	Sarita	TX
783192	231945	Sarita	TX
783169	231519	Stowell	TX
778125	231840	Sweeny	TX
778006	231872	Victoria	TX
778007	231873	Victoria	TX
782963	231920	Suffolk	VA
782966	231921	Suffolk	VA
788761	233077	Charlotte Amalie	VI
788762	233078	Charlotte Amalie	VI
788764	233080	Charlotte Amalie	VI
788766	233087	Cruz Bay	VI
788765	233089	Cruz Bay	VI
788769	233093	Cruz Bay	VI

PUBLIC NOTICE

Federal Communications Commission
45 L St., N.E.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: http://www.fcc.gov

DA 24-165
Released: February 23, 2024

NOTICE OF DOMESTIC SECTION 214 AUTHORIZATION GRANTED

WC Docket No. 24-3

The Wireline Competition Bureau (Bureau) grants the application listed in this Public Notice pursuant to the Commission's streamlined procedures for domestic section 214 transfer of control applications, 47 CFR § 63.03. The Bureau determined that a grant of this application serves the public interest.[1] For the purposes of computation of time when filing a petition for reconsideration or application for review, or for judicial review of the Commission's decision, the date of "public notice" shall be the release date of this Public Notice.[2] Should no petition for reconsideration, application for review, or petition for judicial review be timely filed, the proceeding listed in this Public Notice shall be terminated, and the docket will be closed.

Domestic Section 214 Application Filed for the Transfer Of Control of
DQE Communications LLC to GI DI Vertigo Acquisition LLC
WC Docket No. 24-3, Public Notice, DA 24-69 (WCB 2024).

Effective Grant Date: February 23, 2024

For further information, please contact Tracey Wilson at (202) 418-1394 or Dennis Johnson at (202) 418-0809, Competition Policy Division, Wireline Competition Bureau.

-FCC-

[1] *Implementation of Further Streamlining Measures for Domestic Section 214 Authorizations*, Report and Order, 17 FCC Rcd 5517, 5529, para. 22 (2002).

[2] *Id.*; *see* 47 CFR § 1.4 (Computation of time).

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-166
Released: February 23, 2024

OET ANNOUNCES APPROVAL OF SEVEN 6 GHZ BAND AUTOMATED FREQUENCY COORDINATION SYSTEMS FOR COMMERCIAL OPERATION AND SEEKS COMMENT ON C3 SPECTRA'S PROPOSED AFC SYSTEM

ET Docket No. 21-352

Comments on C3Sprectra's AFC Proposal Due By: March 15, 2024

By the Chief, Office of Engineering and Technology:

I. INTRODUCTION

1. The Office of Engineering and Technology (OET) hereby approves the applications to operate automated frequency coordination (AFC) systems submitted by Qualcomm Incorporated (Qualcomm), Federated Wireless, Inc. (Federated Wireless), Sony Group Corporation (Sony), Comsearch, a CommScope Company (Comsearch), the Wi-Fi Alliance Services Corporation (Wi-Fi Alliance),[1] the Wireless Broadband Alliance, Inc. (Wireless Broadband Alliance), and Broadcom Inc (Broadcom), subject to the conditions set forth herein. These seven AFC systems have undergone a rigorous testing program, as directed by OET, which included both lab testing and a public trial. The results from this testing indicate that these seven AFC systems operate in conformance with the Commission's 6 GHz band (5.925-7.125 GHz) unlicensed rules, which are designed to prevent harmful interference from standard power access devices and fixed client devices to licensed microwave receivers and certain radio astronomy observatories in the 6 GHz band. These seven AFC systems are now permitted to manage access to spectrum in the U-NII-5 (5.925-6.425 GHz) and U-NII-7 (6.525-6.875 GHz) portions of the 6 GHz band for standard power access points and fixed client devices in accordance with the Commission's rules. This action will permit standard power and fixed client devices to deploy and further expand spectrum access to provide new applications and services to American consumers and businesses. We also seek comment on C3Spectra's proposal, filed subsequent to the initial wave of AFC proposals received by the Commission, to become an approved AFC system operator.[2]

[1] Subsequent to submitting its proposal to become an AFC system operator, the Wi-Fi Alliance created a wholly owned subsidiary –Wi-Fi Alliance Services Corporation – to act as the AFC system operator. *See* Letter from Alex Roytblat, Vice President, Worldwide Regulatory Affairs, Wi-Fi Alliance, to Marlene H. Dortch, Secretary, FCC, ET Docket No. 21-352, at 1 (filed Dec. 11, 2023). Control of the Wi-Fi Alliance Services Corporation remains with Wi-Fi Alliance. *Id.*

[2] Proposal by C3Spectra Inc. for Approval of 6 GHz Automated Frequency Coordination Service Operator, ET Docket No. 21-352 (filed Dec. 3, 2023), https://www.fcc.gov/ecfs/document/120222669592/1.

II. BACKGROUND

2. On April 23, 2020, the Commission adopted a Report and Order and Further Notice of Proposed Rulemaking (*6 GHz Report and Order*) that made broad swaths of the 6 GHz band available for expanded unlicensed operations.[3] The *6 GHz Report and Order* adopted rules for two different types of unlicensed operations—standard-power operations and low-power indoor operations.[4] Standard-power access points and fixed client devices are required to operate under the control of AFC systems in two portions of the 6 GHz band—the U-NII-5 band (5.925-6.425 GHz) and the U-NII-7 band (6.525-6.875 GHz).[5] The U-NII-5 and U-NII-7 bands are also used by licensed fixed and temporary-fixed point-to-point microwave systems.[6] In addition, the 6.65-6.6752 GHz portion of the U-NII-7 band is used for radio astronomy observations at a limited number of observatories.[7] The AFC systems will manage spectrum access for standard-power access points and fixed client devices to prevent harmful interference from occurring to fixed microwave systems and certain radio astronomy observatories.[8]

3. On September 28, 2021, the Commission issued a Public Notice requesting proposals from prospective AFC system operators.[9] In response to the Public Notice, the Commission received fourteen applications to operate AFC systems, as well as eight comments regarding the applications.[10] One applicant, Amdocs, later withdrew its application.[11] On November 2, 2022, OET issued a Public Notice (*2022 Public Notice*) conditionally approving the thirteen remaining applicants to operate AFC systems: Broadcom, Google, Comsearch, Sony, Kyrio, Key Bridge Wireless, Nokia Innovations, Federated Wireless, Wireless Broadband Alliance, Wi-Fi Alliance, Qualcomm, Plume Design, and RED Technologies.[12] OET indicated in the *2022 Public Notice* that these conditionally approved AFC systems will not be available for commercial operations until they receive final approval from OET.[13]

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[3] *Unlicensed Use of the 6 GHz Band*, ET Docket No. 18-295, Report and Order and Further Notice of Proposed Rulemaking, 35 FCC Rcd 3852 (2020) (*6 GHz Report and Order*).

[4] *Id*. at 3860, paras. 17-18.

[5] 47 CFR §§ 15.403, 15.407(k)(1); *6 GHz Report and Order*, 35 FCC Rcd at 3860, 3862, 3923, paras. 17-18, 22, 192. Only standard-power and fixed-client 6 GHz unlicensed devices are required to operate pursuant to an AFC system. 47 CFR § 15.407(k)(1). Standard-power devices may operate both outdoors and indoors at power levels above the low-power indoor device power limits. *Id.* § 15.407(a)(4). A fixed client device is "intended as customer premise equipment that is permanently attached to a structure, operates only on channels provided by an AFC, has a geolocation capability, and complies with antenna pointing angle requirements." *Id.* § 15.403.

[6] *6 GHz Report and Order*, 35 FCC Rcd at 3855, para. 7.

[7] *Id*. at 3884, para. 87.

[8] 47 CFR § 15.407(l), (m); *6 GHz Report and Order*, 35 FCC Rcd at 3862, para. 22.

[9] *The Commission Begins the Process for Authorizing 6 GHz Band Automated Frequency Coordination Systems*, ET Docket No. 21-352, Public Notice, 36 FCC Rcd 14098, 14098, 14101-02, 14103, paras. 2, 7, 10 (2021).

[10] See the 14 applications to operate AFC systems filed in ET Docket No. 21-352 between October 28, 2021, and November 11, 2021. APCO International; the Utilities Technology Council and Edison Electric Institute; Wi-Fi Alliance; Dynamic Spectrum Alliance; Verizon; AT&T Services; Apple, Broadcom et al.; and the Fixed Wireless Communications Coalition (FWCC) filed comments in ET Docket No. 21-352 on December 21, 2021.

[11] Letter from Robert A. Silverman, Counsel to Amdocs, Inc., to Marlene H. Dortch, Secretary, FCC, ET Docket No. 21-352, at 1 (filed Mar. 25, 2022).

[12] *OET Announces Conditional Approval for 6 GHz Band Automated Frequency Coordination Systems*, ET Docket 21-352, Public Notice, 37 FCC Rcd 13071, 13071, para. 1 (OET 2022) (*2022 Public Notice*).

[13] *Id*. at 13073-74, para. 5.

4. On August 24, 2023, OET issued a Public Notice (*2023 Public Notice*) announcing that the conditionally approved AFC systems could commence testing and outlining the testing process.[14] This AFC system testing process consists of two parts, lab testing and a public trial, which the AFC systems must successfully complete before OET will approve them for commercial operation.[15] OET permits the lab test to be conducted either by an FCC-recognized accredited testing laboratory that has also been approved through the Wireless Innovation Forum's (WInnForum) Citizens Broadband Radio Service Device (CBSD) testing and certification program or by a test lab that has been accredited by WInnForum to conduct AFC system lab testing.[16] The test lab must conduct the tests specified in the AFC system test plan developed by the Wi-Fi Alliance.[17] In conducting these tests, the test lab is required to use a set of test vector inputs and corresponding test vector outputs jointly developed by the Wi-Fi Alliance and the WInnForum.[18] The AFC applicant is required to submit a test report created by the test lab describing the results of each test performed.[19]

5. For the public trial, the AFC system applicant is required to make its AFC system available on the Internet to provide any interested member of the public an opportunity to test the AFC system functionality.[20] The Internet-based test portal must permit the user to specify test locations anywhere within the United States and return a list of the frequency ranges on which a standard-power device at that location would be able to transmit and the corresponding maximum power level for each frequency range.[21] The test portal must also provide a means for users to submit challenges to the AFC system applicant if the user believes that the available frequency ranges and power levels are not in compliance with the Commission's rules.[22] The Internet-based test portal must be available for a minimum of forty-five days with challenges accepted for fifteen days after the forty-five day period concludes.[23] After the public trial is complete, the AFC applicant is required to submit a public trial report describing the public trial, including statistics on the number of public tests conducted, a summary of each challenge received, and an explanation detailing why each challenge did or did not raise a valid concern with the functionality of the AFC system, along with a description of any actions it took in response to any challenges.[24]

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[14] *OET Announces Commencement of Testing of the 6 GHz Band Automated Frequency Coordination Systems*, ET Docket 21-352, Public Notice, DA 23-759 (OET Aug. 24, 2023) https://www.fcc.gov/edocs/search-results?t=advanced&daNo=23-759 (*2023 Public Notice*).

[15] *Id.* at 1, 3-7, 12-13, paras. 1, 6-18, 36; *see also 6 GHz Report and Order*, 35 FCC Rcd at 3871, para. 49; *2022 Public Notice*, 37 FCC Rcd at 13090-92, paras. 41-47.

[16] *2023 Public Notice* at 5-6, paras. 11-12. A list of FCC recognized accredited testing laboratories can be found at https://apps.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm. A list of WInnForum-approved CBSD test labs can be found at https://cbrs.wirelessinnovation.org/cbsd-certification-program. The WInnForum accreditation process can be found at *Wireless Innovation Forum Authorized AFC System Test Lab Requirements*, Version 1.0.0, Aug. 4, 2022, https://6ghz.wirelessinnovation.org/assets/WINNF-TS-5009-V1.0.0%206%20GHz%20AFC%20System%20ATL%20Requirements%20Specification.pdf.

[17] *2023 Public Notice* at 3-4, paras. 7-8; *see Wi-Fi Alliance AFC System (SUT) Compliance Test Plan Version 1.5*, available at https://www.wi-fi.org/discover-wi-fi/6-ghz-afc-resources.

[18] *2023 Public Notice* at 4-5, paras. 8-9; *see AFC System (SUT) Compliance Test Vectors v1.2*, Wi-Fi Alliance, available at https://www.wi-fi.org/discover-wi-fi/6-ghz-afc-resources.

[19] *2023 Public Notice* at 5, para. 9.

[20] *Id*. at 6, para. 13.

[21] *Id*. at 6, para. 14.

[22] *Id*. at 6, para. 15.

[23] *Id*. at 7, para. 17.

[24] *Id*. at 7, para. 18.

III. LAB TESTING

6. Qualcomm, Federated Wireless, Sony, Comsearch, the Wi-Fi Alliance, the Wireless Broadband Alliance, and Broadcom submitted test reports summarizing their lab test results.[25] As required by the *2023 Public Notice*, all of the lab tests were conducted by FCC-recognized accredited testing laboratories that have also been approved by WInnForum's CBSD testing and certification program.[26] The test reports indicate that the testing laboratories conducted all the tests specified in the AFC system test plan developed by the Wi-Fi Alliance using the test vector inputs jointly developed by the Wi-Fi Alliance and WInnForum. All seven AFC systems returned expected outputs for the test vector inputs. Based on the submitted test reports, we conclude that those seven AFC systems satisfactorily completed the required lab testing. This testing provides strong evidence that these seven AFC systems function as required by the Commission's rules.

IV. PUBLIC TRIALS

7. Qualcomm, Federated Wireless, Sony, Comsearch, the Wi-Fi Alliance, the Wireless Broadband Alliance, and Broadcom submitted public trial reports summarizing their public trials.[27] The table below summarizes the start and end dates that each AFC system was made available for the public trial, the number of inquiries each AFC applicant received during the public trial, and the number of challenges received by each AFC applicant.

[25] Test and Certification for Qualcomm's AFC System using WInnForum Test Harness, ET Docket No. 21-352 (filed Oct. 4, 2023); Broadcom AFC SUT Test Report, ET Docket No. 21-352 (filed Oct. 3, 2023); Wi-Fi Alliance AFC SUT Test Report, ET Docket No. 21-352 (filed Oct. 5, 2023); Wireless Broadband Alliance AFC SUT Test Report, ET Docket No. 21-352 (filed Dec. 13, 2023); Test and Certification for Sony Group Corporation's AFC System using WInnForum Test Harness, ET Docket No. 21-352 (filed Nov. 6, 2023); Test and Certification for Federated Wireless's AFC System using WInnForum Test Harness, ET Docket No. 21-352 (filed Oct. 5, 2023) Comsearch AFC System (SUT) Test Report, ET Docket No. 21-352 (filed Oct. 9, 2023).

[26] *See 2023 Public Notice* at 5, para. 11.

[27] Public Testing Report of Qualcomm US Automated Frequency Coordination System, ET Docket No. 21-352 (filed Dec. 7, 2023) (*Qualcomm Public Trial Report*); Broadcom Report on Successful AFC System Public Trial, ET Docket No. 21-352 (filed Dec. 6, 2023) (*Broadcom Public Trial Report*); Report on Public Trial of the Wi-Fi Alliance Automatic Frequency Coordination System, ET Docket No. 21-352 (filed Dec. 8, 2023) (*Wi-Fi Alliance Public Trial Report*); Wireless Broadband Alliance Inc. Report on Public Trial of the AFC System, ET Docket No. 21-352 (filed Dec. 15, 2023) (*WBA Public Trial Report*); Sony Group Corporation Automated Frequency Coordination System Public Trial Report, ET Docket No. 21-352 (filed Dec. 22, 2023) (*Sony Public Trial Report*); Federated Wireless, Inc. Automated Frequency Coordination System Public Trial Report, ET Docket No. 21-352 (filed Dec. 7, 2023) (*Federated Public Trial Report*); AFC Public Trial Final Report, Comsearch, ET Docket No. 21-352 (filed Dec. 13, 2023) (*Comsearch Public Trial Report*).

AFC System Public Trials

Applicant	Start Date	End Date	Test Locations Submitted[28]	Challenges Received[29]
Qualcomm	9/6/23	10/20/23	510	90
Broadcom	9/5/23	10/19/23	686	93
Wi-Fi Alliance	9/6/23	10/21/23	686	156
Wireless Broadband Alliance	10/10/23	11/24/23	751	112
Sony	9/11/23	10/26/23	691	120
Federated Wireless	9/7/23	10/22/23	730	96
Comsearch	9/8/23	10/23/23	686	117

8. Over 500 test locations were submitted to each AFC public portal, which illustrates that the public rigorously vetted each AFC system's capabilities. The vast majority of these inquiries did not result in a challenge being submitted to the AFC applicant. All seven AFC applicants received challenges from AT&T and the Electric Power Research Institute (EPRI). In addition, several AFC applicants also received challenges from FirstEnergy Corp. In their public trial reports, the AFC applicants described that there were reasonable explanations for the challenged results, that the challenges would require modification of the Commission's rules governing AFC systems, or, in a small number of cases, that minor adjustments were needed to the AFC systems. As described in more detail below, we find that the public trial reports provided adequate explanations regarding the challenges received and satisfactory actions were taken, where appropriate, to modify the AFC systems. Therefore, we conclude that the seven AFC applicants satisfactorily completed the public trial process. The public trials provide strong evidence that these seven AFC systems function as specified in the Commission's rules.

A. AT&T Challenges

9. AT&T submitted challenges to each of the seven AFC applicants during the public trials. AT&T indicates that it spent a significant amount of time working with the AFC applicants to identify the precise causes of the differences between the results calculated by the AFC systems and the results

[28] Each AFC public portal was designed such that users could submit test parameters for any location in the United States and receive a list detailing the maximum power level for each frequency across the band at which a standard power device at that location could operate to insure that all incumbent operations, such as fixed service microwave links, are protected from harmful interference as proscribed by the Commission. The column labelled "Test Locations Submitted" depicts the total number of user submitted test locations received by each AFC public portal. The column labelled "Challenges Received" represents the subset of test locations submitted for which users notified the AFC public portal operator that they disagreed with the provided test result.

[29] While the AFC applicants indicated in their public trial reports the number of challenges received from AT&T and FirstEnergy, with the exception of Federated Wireless and Qualcomm they didn't provide in their public trial reports the number of test locations for which they received challenges from the Electric Power Research Institute (EPRI). However, EPRI made a filing containing the communication sent to each AFC applicant which included a table listing the test locations submitted. This enabled OET to count the number of test location for which EPRI challenged the AFC system results. Letter from Katie Jereza, Vice President of Corporate Affairs, EPRI, to Marlene H. Dortch, Secretary, FCC, ET Docket No. 21-352 at 1 (filed Jan. 18, 2024).

calculated by AT&T.[30] According to AT&T, these efforts, in some cases, resulted in changes to AT&T's own calculations or in modifications to some of the AFC systems.[31] AT&T observed that this process illustrated that reasonable engineers can differ with respect to how propagation calculations are implemented.[32] While AT&T indicates that it does not believe that the public trial results warrant deferring action on the AFC applications, it does request that AFC system approval be conditioned to ensure continued compliance with inter-industry agreements and on good faith efforts by the AFC system operators to work within inter-industry organizations, such as WInnForum that include both radio local area network (RLAN) and Fixed Service (FS) interest groups, to collaborate on issues affecting AFC system calculations.[33] AT&T also requests that the Commission condition AFC system approvals on a requirement to seek prior approval for any future modifications to AFC system calculations that are not subject to inter-industry agreement through an organization like WInnForum.[34] AT&T requests that the AFC system operators be required to provide notice in this docket of any future changes to their AFC systems that are not subject to cross-industry consensus and that the changes should be subject to Commission review, including potentially requiring a new public trial period.[35]

10. We appreciate the significant effort AT&T made in working with the AFC applicants to understand the public trial results. The public trial reports indicate that AT&T and the AFC applicants satisfactorily resolved all of AT&T's challenges. As the public trial reports indicate, some of these challenges resulted in AFC applicants modifying their AFC systems. These modifications appear to be straightforward, such as not permitting standard power devices to operate in off-shore locations[36] or outside the boundaries of the United States[37] or adjusting the methodology used to determine the height to use in calculations involving passive microwave reflectors.[38] Given the nature of these AFC system modifications and the assertions that the AFC applicants corrected these underlying issues, we find that additional testing is not needed regarding these issues.

11. For other challenges, as AT&T notes, the explanations illustrate that reasonable engineers can reach different conclusions on many details of how the propagation models are implemented. For example, the AFC applicants used a National Land Clutter Database (NLCD) that has been reformatted to match the latitude/longitude grid spacing used by their AFC systems, while AT&T used the unmodified NLCD data.[39] This can result in a different land clutter category (urban, suburban, rural, barren) being used in the propagation models if the reformatting causes the test location to be classified in a different clutter category. Other differences were caused by using a different set of evaluation points for the

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[30] Letter from Michael P. Goggin, AT&T Services, Inc., to Marlene H. Dortch, Secretary, FCC, ET Docket No. 21-352, at 2 (filed Dec. 25, 2023).

[31] *Id*.

[32] *Id*.

[33] *Id*. at 1, 2; AT&T states that neither the Wi-Fi Alliance nor the Open AFC group are neutral forums. *Id*. at 2. AT&T also requests that AFC system authority be conditioned on requiring "some unresolved matters to be addressed within those inter-industry organizations." *Id*. at 1. Given that AT&T is not specific as to which unresolved matters should be included within this requirement and our inability to control the agenda of inter-industry organizations, we are not adopting this suggested requirement.

[34] *Id*. at 2.

[35] *Id*. at 3.

[36] *Qualcomm Public Trial Report* at 10; *Sony Public Trial Report* at 14-15; Letter from Naotaka Sato, Sony Group Corporation, to Marlene H. Dortch, Secretary, FCC, ET Docket No. 21-352, at 1 (filed Feb. 5, 2024).

[37] *Federated Public Trial Report* at 4.

[38] *WBA Public Trial Report* at 9-10.

[39] *E.g.*, *Sony Public Trial Report* at 16-17; *Broadcom Public Trial Report* at 5; *Federated Public Trial Report* at 8.

Irregular Terrain Model (ITM) propagation model,[40] using a different set of evaluation points for the uncertainty region around the test points,[41] ignoring all microwave receivers more than 200 kilometers away from the test point,[42] and replacing microwave receiver heights that are negative in the ULS database with a height of 1.5 meters.[43] The assumptions made by both AT&T and AFC applicants for all these cases appear to be reasonable. For this reason, we agree with AT&T that these implementation differences do not provide grounds for delaying approval of the AFC systems. In addition, we find that calculating available spectrum and permissible maximum power levels based on these differences does not result in any appreciable difference in the potential for unlicensed devices to cause harmful interference to incumbent systems.

12. We agree with AT&T that it would be useful for inter-industry organizations to develop standardized implementations for the propagation models to enable the AFC systems to provide more consistent results in all cases. We encourage inter-industry organizations that contain representatives from both the AFC system operators and microwave licensees, such as the WInnForum, to further study these implementation issues and any other issues that may be identified in the future to develop recommendations that can be used by the AFC systems in the future. AT&T suggests that as a condition of AFC system approval, we require AFC system operators to continue to work within inter-industry group(s) on AFC system implementation issues that affect the AFC system calculations. While we do not go as far as AT&T requests, we will continue to monitor developments in the band that could affect system calculations and could require system changes if warranted.[44]

13. We also appreciate the concern of AT&T that any future changes to any AFC system be subject to Commission review to the extent they are not subject to inter-industry agreement through an organization like WInnForum. While the lab testing and public trials give us confidence that the seven AFC systems are operating in conformance with the Commission's rules, if the AFC system software is modified this may no longer be the case. Therefore, as a condition of AFC system approval, we will require each AFC operator to (1) file a notice in ET Docket No. 21-352 informing OET and the public of any modification to its AFC system that can change the available frequency ranges and maximum power levels determined by its AFC system; and (2) receive OET approval prior to implementing any proposed modification. Depending on the significance and complexity of the modification, OET may require some form of testing or verification. We do not exempt AFC system modifications that may result from inter-industry agreements from this notification and approval requirement as AT&T suggests. As we previously noted, OET has the responsibility to administer the AFC systems and ensure that their operations are consistent with the Commission's rules to prevent harmful interference from occurring to licensees.[45] This responsibility cannot be delegated to inter-industry organizations.[46] Imposing this

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[40] *E.g.*, *Federated Public Trial Report* at 6-7; *Qualcomm Public Trial Report* at 11-12.

[41] *E.g.*, *WBA Public Trial Report* at 9; *Wi-Fi Alliance Public Trial Report* at 10.

[42] *E.g.*, *Broadcom Public Trial Report* at 6-7; *Wi-Fi Alliance Public Trial Report* at 10.

[43] *E.g.*, *Broadcom Public Trial Report* at 7; *Wi-Fi Alliance Public Trial Report* at 10.

[44] 47 CFR §0.241(k). The Office of Engineering and Technology has delegated authority to, among other things, "… develop procedures that these AFC system operators will use to ensure compliance with the requirements for AFC system operations; to make determinations regarding the continued acceptability of individual AFC system operators; …" In exercising this delegated authority, OET could require AFC systems to make certain modifications if warranted based on the work of inter-industry groups or any other source.

[45] *2022 Public Notice*, 37 FCC Rcd at 13087, para. 37.

[46] We appreciate the work of WInnForum in developing technical standards for the AFC systems. In considering proposed modifications to AFC system operations, we will give great weight to inter-industry consensus reached in organizations such as the WInnForum.

notification and approval requirement on the AFC operators is consistent with the Commission's delegation of authority to OET to administer the AFC systems and AFC system operator functions.[47]

B. EPRI

14. EPRI submitted test points to each of the AFC public portals that were located directly along the centerline of the main beam of a microwave antenna and that also have line of sight to the microwave antenna.[48] EPRI then compared the responses from the AFC systems with a free space path loss calculation.[49] While EPRI acknowledges that the Commission's rules specify the use of a different path loss model for distances greater than 30 meters, EPRI claims that using a propagation model other than free space will result in under-protection of microwave receivers because, according to EPRI, there is an unobstructed line-of-sight between the test location and microwave receiver.[50] EPRI also points out that additive interference from multiple standard power devices can combine to create harmful interference in excess of the -6 dB I/N interference protection criteria used by the AFC systems based on experimental results obtained from real-world testing performed by FirstEnergy.[51] EPRI also points out that there is a step discontinuity of approximately 20 dB in the AFC operator responses at a 1 kilometer distance, which implies that the ITM propagation model used at distances beyond 1 kilometer severely under-protects microwave receivers.[52] To resolve the step discontinuity and mitigate the challenges for line-of-sight cases and additive interference, EPRI suggests that the AFC systems use free space path loss in a 30 meter radius around the microwave receiver extending in a keyhole shape of size defined by the microwave antenna 3 dB beamwidth out to a distance of ten kilometers.[53] EPRI indicates that it intends to perform field tests to confirm the accuracy of its analysis of the public trial results and that it intends to engage with the WInnForum 6 GHz Committee to explore modifications to the AFC path loss models to reduce the possibility of harmful interference occurring.[54] The AFC applicants assert that their systems are using the propagation models specified by the Commission's rules and that aggregate interference calculations from multiple standard power access points is not required by the rules.[55]

15. The propagation models that AFC systems are required to use to model the potential for standard power access points and fixed client devices to cause harmful interference to fixed microwave services are specified in the Commission's rules. These rules specify that the free space path-loss model be used at distances up to 30 meters, the Wireless World Initiative New Radio phase II (WINNER II) model be used for distances more than 30 meters and up to and including 1 kilometer, and the ITM model with additional clutter loss be used at distances greater than 1 kilometer.[56] EPRI appears to be advocating that AFC systems modify their propagation models such that they would no longer comply with the Commission's rules rather than examining whether the AFC systems are operating properly within the Commission's rules. In adopting the rules governing AFC systems the Commission rejected applying the

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[47] 47 CFR § 0.241(k); *6 GHz Report and Order*, 35 FCC Rcd at 3870, para. 48.

[48] Letter from Katie Jereza, Vice President of Corporate Affairs, EPRI, to Marlene H. Dortch, Secretary, FCC, ET Docket No. 21-352 at 1 (filed Jan. 18, 2024).

[49] *Id*.

[50] *Id*. at 2.

[51] *Id*.

[52] *Id*.

[53] *Id*. at 14, 25.

[54] *Id*. at 2.

[55] *Qualcomm Public Trial Report* at 8-9; *Broadcom Public Trial Report* at 3-4; *Wi-Fi Alliance Public Trial Report* at 12; *WBA Public Trial Report* at 2-4; *Sony Public Trial Report* at 21; *Federated Public Trial Report* at 4-6; *Comsearch Public Trial Report* at 16-36.

[56] 47 CFR § 15.407(l)(1); *6 GHz Report and Order*, 35 FCC Rcd at 3875-77, paras. 64-66.

free space model more broadly, noting that "it drastically underpredicts path loss for longer distances because, as a practical matter, there is almost always interaction with the environment that reduces the signal level below the free space level."[57] The Commission also explicitly rejected requiring the AFC systems to take into account aggregate interference from multiple standard power access points when making calculations.[58] EPRI is essentially arguing that the rules be modified. However, any such changes must be done through Commission action in a rulemaking proceeding and is thus beyond the scope of the AFC system test process. Therefore, EPRI's challenges provide no basis for concluding that these seven AFC systems do not comply with the Commission's AFC rules.

C. First Energy

16. FirstEnergy submitted challenges to six AFC systems undergoing public trials—all except for Qualcomm—for three test points.[59] FirstEnergy later withdrew their challenge to Federated Wireless's results after discussion with Federated Wireless.[60] According to the other AFC applicants, for these three points, FirstEnergy used "pathloss 6 software" which used the free space propagation model with an additional diffraction loss instead of the propagation model required by the Commission's rules.[61] Several of the AFC applicants reported that FirstEnergy's calculations also departed from the technical specification developed by WInnForum for the AFC system by using a different noise figure, antenna gain, and feeder loss for the microwave receiver.[62] As the public trial reports indicate that FirstEnergy used a propagation model that was not in agreement with Commission's rules, we conclude that FirstEnergy's challenges do not provide grounds to conclude that the AFC systems are operating incorrectly.

D. Other Modifications to AFC Systems

17. Several AFC applicants report making modifications to their AFC systems on their own initiative or at the suggestion of OET staff. These changes include using a more current set of ULS data, correcting the areas used for protecting radio astronomy observatories, and correcting a misconfiguration issue that resulted in incorrect clutter data being used in some propagation models.[63] These are minor issues that the AFC applicants have corrected and we find that additional testing is not needed regarding these issues.

V. REPORTING OF POTENTIAL INTERFERENCE

18. In the *2023 Public Notice,* OET noted that the AFC system applicants indicated their intent to collaborate with industry groups to formulate procedures for acting on reports of potential harmful interference.[64] OET strongly encouraged the AFC system operators to develop a process for addressing

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[57] *6 GHz Report and Order*, 35 FCC Rcd at 3877, para. 67.

[58] *6 GHz Report and Order*, 35 FCC Rcd at 3879, para. 72.

[59] *Broadcom Public Trial Report* at 2-3; *Wi-Fi Alliance Public Trial Report* at 12-13; *WBA Public Trial Report* at 2; *Sony Public Trial Report* at 21-22; *Federated Public Trial Report* at 3; *Comsearch Public Trial Report* at 14-16.

[60] *Federated Public Trial Report* at 3.

[61] *E.g.*, *WBA Public Trial Report* at 2; *Broadcom Public Trial Report* at 2; *Sony Public Trial Report* at 21.

[62] *Comsearch Public Trial Report* at 14-16; *Sony Public Trial Report* at 21; *Broadcom Public Trial Report* at 3.

[63] *Federated Public Trial Report* at 4; *Broadcom Public Trial Report* at 1, *Comsearch Public Trial Report* at 6.

[64] *2023 Public Notice* at 12, para. 35 (citing, e.g., Broadcom Feb. 24, 2022 *Ex Parte* ET Docket No. 21-352, at 3; Kyrio Feb. 25, 2022 *Ex Parte* ET Docket No. 21-352, at 3; Qualcomm Automated Frequency Coordination System Operator Application: Responses to Supplemental Questions, ET Docket No. 21-352, at 4 (filed Feb. 28, 2022); Supplement to Proposal from Sony Group Corporation to Serve as an Automated Frequency Coordination System Operator, ET Docket No. 21-352, at 4-5 (filed Feb. 24, 2022); Wi-Fi Alliance Feb. 22, 2022 *Ex Parte* ET Docket No. 21-352, at 6; Supplement to the Proposal by Federated Wireless to Serve as an Automated Frequency

(continued….)

such reports.[65] Qualcomm, Federated Wireless, Sony, Comsearch, the Wi-Fi Alliance, the Wireless Broadband Alliance, and Broadcom recently expressed their commitment "to establishing a centralized means to receive and address complaints regarding purported harmful interference from AFC-authorized unlicensed operations."[66] These AFC system applicants indicate that they are working together "to create an efficient process that will ensure that complaints are handled in a timely and efficient manner" and that this process will be implemented within a reasonable time following final approval of their AFC systems.[67] OET appreciates that these AFC operators are willing to collaborate to create a process for receiving and addressing complaints of potential interference. We believe that it is important that such a process be developed and implemented, given the obligation that unlicensed devices not cause harmful interference to licensed operations.[68] To ensure that such a system is put in place, we condition the approval provided herein for these AFC systems to provide commercial operations on them putting in place such a process by April 23, 2024. These AFC operators will provide details of this reporting process by notifying the Commission and the public through a filing in ET Docket No. 21-352. These seven entities may commence commercial AFC operations at this time, but must cease such operations if this reporting mechanism is not noticed to the Commission and the public by April 23, 2024.

VI. APPROVAL OF AFC SYSTEMS

19. As OET indicated in the *2023 Public Notice*, conditionally approved AFC systems are required to successfully complete both lab testing and a public trial to be approved for commercial operations.[69] This testing process was designed to verify that the AFC systems comply with the Commission's rules. In the *6 GHz Report and Order*, the Commission concluded that the rules that require standard power and fixed client devices to operate under the control of an AFC system will prevent harmful interference from occurring to incumbent fixed microwave links as well as radio astronomy sites.[70] The test reports and public trial reports submitted by Qualcomm, Federated Wireless, Sony, Comsearch, the Wi-Fi Alliance, the Wireless Broadband Alliance, and Broadcom indicate that their AFC systems are operating in compliance with the Commission's rules. We therefore approve these seven AFC systems for commercial operations, subject to the conditions set forth herein.

VII. ADDITIONAL AFC SYSTEM APPLICATION

20. The Commission subsequent to the initial set of applications for AFC system operators received a proposal from C3Spectra to operate an AFC system.[71] Consistent with the process specified in the *6 GHz Report and Order*, the public will have an opportunity to review and comment on C3Spectra's AFC proposal.[72] OET requests that any comments regarding C3Spectra's AFC proposal be submitted in ET Docket No. 21-352 by March 15, 2024. OET will examine C3Spectra's proposal along with any comments received and conditionally approve the proposal if it demonstrates that the proposed system

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Coordination System Operator in the 6 GHz Band, ET Docket No. 21-352, at 9 (filed Feb. 9, 2022); Supplement to Comsearch Proposal to be Approved as an Automated Frequency Coordination Operator, ET Docket No. 31-352, at 9-10 (filed Mar. 1, 2022).

[65] *Id*.

[66] Letter from Christopher Szymanski, Broadcom Inc. et al., to Marlene H. Dortch, Secretary, FCC, ET Docket No. 21-352, at 1 (filed Jan. 29, 2024).

[67] *Id*.

[68] 47 CFR § 15.5(b).

[69] *2023 Public Notice* at 3, 7, paras. 6, 19; *see 6 GHz Report and Order*, 35 FCC Rcd at 3871, para. 49.

[70] *6 GHz Report and Order,* 35 FCC Rcd at 3862, para. 22.

[71] Proposal by C3Spectra Inc. for Approval of 6 GHz Automated Frequency Coordination Service Operator, ET Docket No. 21-352 (filed Dec. 3, 2023), https://www.fcc.gov/ecfs/document/120222669592/1.

[72] *6 GHz Report and Order*, 35 FCC Rcd at 3871, para. 49.

would comply with all AFC requirements.[73] If C3Spectra's proposal is conditionally approved, it may then begin the testing process that OET specified in the *2023 Public Notice*.[74] Once testing is complete, OET will examine the C3Spectra's test report and public trial report to determine if its AFC system can be approved for commercial operations.

21. *Further Information*. Questions regarding this Public Notice may be directed to Nicholas Oros, Office of Engineering and Technology, at (202) 418-0636 or Nicholas.Oros@fcc.gov.

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[73] *Id.*

[74] *2023 Public Notice* at 3-7, paras. 6-18; *see 6 GHz Report and Order*, 35 FCC Rcd at 3871, para. 49.

PUBLIC NOTICE

Federal Communications Commission
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Internet: www.fcc.gov
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DA 24-167
Released: February 23, 2024

FEDERAL COMMUNICATIONS COMMISSION ESTABLISHES DOCKET FOR PETITION FOR DECLARATORY RULING AND PROPOSED ASSIGNMENT OF SPECTRUM LICENSES, ASSETS, AND CUSTOMERS OF DISH NETWORK CORPORATION TO LIBERTY LATIN AMERICA LTD IN PUERTO RICO AND THE U.S. VIRGIN ISLANDS

PLEADING CYCLE ESTABLISHED

GN Docket No: 24-55

Comments/Petitions Due: March 11, 2024
Responses to Comments/Oppositions to Petitions Due: March 21, 2024
Replies to Responses/Oppositions Due: March 26, 2024

I. INTRODUCTION

Liberty Latin America Ltd. (Liberty Latin America) and DISH Network Corporation (DISH) (together, Applicants) have filed applications[1] pursuant to sections 214 and 310(d) of the Communications Act of 1934, as amended (the Act), and sections 1.948 and 63.24 of the Commission's rules[2] seeking Commission consent to the assignment of spectrum licenses held by DISH subsidiaries to Liberty Mobile Puerto Rico Inc. (LMPR) and Liberty Mobile USVI Inc. (LMUSVI) in Puerto Rico and the U.S. Virgin Islands (USVI). Specifically, the Applicants seek to assign from DISH to Liberty Latin America spectrum in the following bands: 600 MHz, Lower 700 MHz, Advanced Wireless Services (AWS-3, AWS-4, AWS H Block), Citizens Broadband Radio Service (CBRS), and millimeter wave (mmW) upper microwave flexible use licenses in the 37 and 47 GHz bands in Puerto Rico and the USVI.[3] In addition, the Applicants seek to assign approximately 120,000 subscribers from DISH's Boost Mobile (Boost) and Gen Mobile (Gen Mo) to Liberty Latin America in Puerto Rico and the U.S. Virgin Islands pursuant to the proposed transaction.[4] Liberty Latin America has also filed a petition for a declaratory

[1] The Applicants filed the assignment applications on December 4, 2023. *See* ULS File No. 0010802260. The initial application included a Public Interest Statement, declarations and exhibits. On January 5, 2024, the Applicants filed a Spectrum Aggregation Chart. On January 26, 2024, the Applicants submitted an updated Public Interest Statement, declarations, and exhibits. On February 5, 2024, the Applicants filed a revised Public Interest Statement (Revised Public Interest Statement).

[2] 47 U.S.C. §§ 214, 310(d); 47 CFR §§ 1.948, 63.24.

[3] Revised Public Interest Statement at Exhibit A.

[4] The Applicants state that the assignments of customers in Puerto Rico and the U.S. Virgin Islands are from DISH Wireless L.L.C. and DISH Wireless Puerto Rico L.L.C. (DISH Wireless PR) to LMPR and LMUSVI and include

(continued….)

ruling (Petition)[5] to permit foreign ownership above the 25% benchmarks in section 310(b)(4) of the Act and section 1.5001(a)(1) of the Commission's rules.[6]

According to the Applicants, the proposed assignments will result in significant public interest benefits for consumers in Puerto Rico and the U.S. Virgin Islands.[7] The Applicants further maintain that the assignments would increase the capacity and throughput speeds of Liberty Latin America's wireless network.[8] The Applicants assert that there is no loss of actual or potential competition in Puerto Rico or USVI as a result of the assignments.[9] The Applicants have indicated that the transition of Boost and Gen Mo customers would be a seamless transition of subscribers from DISH to Liberty Mobile's network.[10]

Our preliminary review of the spectrum exhibit submitted by the Applicants indicates that as a result of the proposed transaction, Liberty Latin America would hold a maximum of 278 megahertz of spectrum, including up to 83 megahertz of below-1-GHz spectrum, across Puerto Rico and the USVI. In addition, it would hold a maximum of 1,700 megahertz of mmW spectrum. Further, DISH seeks Commission approval for a waiver of the conditions imposed in the *T-Mobile/Sprint-DISH Order* for the sale of its AWS-4 and 600 MHz licenses in Puerto Rico and the U.S. Virgin Islands.[11]

II. SECTION 310(d) APPLICATIONS

The following applications for the assignment of licenses have been assigned the following file numbers:

File No.	Licensee	Lead Call Sign
0010802260	ParkerB.com Wireless L.L.C.	WQZM251
0010802273	ParkerB.com Wireless L.L.C.	WQZM397
0010802291	Manifest Wireless L.L.C.	WQJZ313
0010802297	DBSD Corporation	T070272174
0010802307	Gamma Acquisition L.L.C.	T060430174
0010802312	Wetterhorn Wireless L.L.C.	WRMA241
0010802323	American H Block Wireless L.L.C.	WQTX373

(Continued from previous page)
certain customer contracts and related subscriber assets. Revised Public Interest Statement at 2. ICFS File Nos. ITC-ASG-20231208-00148; ITC-ASG-20240214-00033.

[5] Petition for Declaratory Ruling, File No. ISP-PDR-20240125-00001 (filed Jan. 25, 2024) (Petition).

[6] 47 U.S.C. § 310(b)(4); 47 CFR § 1.5000(a)(1).

[7] Revised Public Interest Statement at 1–2.

[8] Revised Public Interest Statement at 14–21.

[9] Revised Public Interest Statement at 22–25.

[10] Revised Public Interest Statement at 30–31.

[11] *See Applications of T-Mobile US, Inc., and Sprint Corporation, For Consent To Transfer Control of Licenses and Authorizations*, WT Docket No. 18-197, *Applications of American H Block Wireless L.L.C., DBSD Corporation, Gamma Acquisition L.L.C., and Manifest Wireless L.L.C. for Extension of Time*, ULS File Nos. 0008741236, 0008741420, 0008741603, and 0008741789 et al., WT Docket No. 18-197, Memorandum Opinion and Order, Declaratory Ruling, and Order of Proposed Modification, 34 FCC Rcd 10578, 10832 (2019) (*T-Mobile/Sprint-DISH Order*); *Applications of American H Block Wireless L.L.C., DBSD Corporation, Gamma Acquisition L.L.C., and Manifest Wireless L.L.C. for Extension of Time*, ULS File Nos. 0008741236, 0008741420, 0008741603, and 0008741789 et al., Order of Modification and Extension of Time to Construct, 35 FCC Rcd 9580, 9586–87, 9569 para. 12 and Appx. B (WTB 2020) (*DISH License Modification Order*).

0010802341	Northstar Wireless, LLC	WQWQ740
0010802384	Window Wireless L.L.C.	WRHM915
0010802391	Window Wireless L.L.C.	WRHM935

III. SECTION 214 APPLICATIONS

The following applications for consent to the assignment of assets from DISH to LMPR and LMUSVI related to the provision of international service pursuant to section 214 of the Act have been assigned the following file numbers:

File Number	Authorization Holder	Authorization Number
ITC-ASG-20231208-00148	DISH Network Corporation	ITC-214-20191219-00197[12]
ITC-ASG-20240214-00033	DISH Network Corporation	ITC-214-20191219-00197[13]

IV. SECTION 310(B) FOREIGN OWNERSHIP REVIEW AND PETITION FOR DECLARATORY RULING

Liberty Latin America (Petitioner) filed a petition for declaratory ruling (Petition), pursuant to section 310(b)(4) of the Act and section 1.5000(a)(1) of the Commission's rules,[14] to permit indirect foreign ownership of Liberty Mobile Inc. (Liberty Mobile), the controlling U.S. parent of LMPR and LMUSVI (together, Wireless Licensees) in excess of the 25% benchmarks as specified in section 310(b)(4) of the Act.[15]

On October 27, 2020, the Commission issued a declaratory ruling to Liberty Latin America that, among other things, permitted 100% aggregate foreign ownership of Liberty Mobile, the controlling U.S. parent, along with specific approval for LiLAC Ventures Ltd., a Cayman Islands entity, to hold 60% indirect equity and voting interests into the Liberty Mobile.[16] On December 28, 2023, Liberty Latin America notified the Commission pursuant to section 1.5004(f) of the Commission's rules to report that LiLAC Ventures Ltd.'s indirect voting and equity interests increased from 60% to 66.39% in Liberty Mobile, the controlling parent of the Wireless Licensees. Consequently, Liberty Latin America filed the Petition requesting a new declaratory ruling.

[12] DISH will retain its international section 214 authority and continue to provide international service to its remaining customers pursuant to ITC-214-20191219-00197. LMPR will provide international service to its newly acquired customers pursuant to its existing international section 214 authorizations: ITC-214-19930315-00040, ITC-214-19940107-00011, and ITC-214-19980918-00669.

[13] DISH will retain its international section 214 authority and continue to provide international service to its remaining customers pursuant to ITC-214-20191219-00197. LMUSVI will provide international service to its newly acquired customers pursuant to its existing international section 214 authorization, ITC-214-0001101-00664.

[14] 47 U.S.C. § 310(b)(4); 47 CFR § 1.5000(a)(1).

[15] *See* Petition.

[16] *See Applications of Liberty Latin America Ltd. And AT&T Inc., for Consent to the Transfer of Control of the Licenses, Authorizations, and Spectrum Lease Held by AT&T Mobility Puerto Rico Inc. and AT&T Mobility USVI Inc. to Liberty Latin America Ltd.*, Memorandum Opinion and Order and Declaratory Ruling, 36 FCC Rcd 2328, 2344–45, para. 42 (WTB, WCB & IB 2020).

According to the Petition, the Wireless Licensees are wholly owned by Liberty Mobile,[17] a Delaware entity.[18] Liberty Mobile is wholly owned by LLA Holdco LLC, which in turn, is wholly owned by LCPR Ventures LLC, all of which are Delaware limited liability companies.[19] LCPR Ventures LLC is wholly owned by Liberty Communications PR Holding LP, a Delaware limited partnership.[20] The interest holders in Liberty Communications PR Holding LP are: Leo Cable LLC, a Delaware limited liability company (0% equity, 100% voting); LiLAC Ventures Ltd., a Cayman Islands entity (66.39% equity, 0% voting); and LiLAC Communications Inc., a Delaware entity (33.61% equity, 0% voting).[21] Leo Cable LLC is owned by LiLAC Ventures Ltd. (66.39% equity, 66.39% voting) and LiLAC Communications Inc. (33.61% equity and 33.61% voting). In turn, LiLAC Ventures Ltd. is wholly owned by LiLAC Services Ltd., a Bermuda holding company.[22] LiLAC Communications Inc., is wholly owned by LGI International Holdings, LLC, a Colorado limited liability company, which is wholly owned by LiLAC Services Ltd.[23] LiLAC Services Ltd. is wholly owned by Liberty Latin America Ltd., a Bermuda entity which is owned by Genesis Investment Management, LLP, a United Kingdom limited liability partnership (2.4% voting) and John Malone, a U.S. citizen (27% voting, 6.4% equity).[24]

Pursuant to section 1.5001(i) of the Commission's rules,[25] Liberty Latin America requests that the Commission specifically approve the direct and/or indirect foreign equity and voting interests in Liberty Mobile, the controlling U.S. parent of the Wireless Licensees, by foreign-organized entities as follows:

Liberty Latin America Ltd. (100% equity, 100% voting) (Bermuda);
LiLAC Services Ltd. (100% equity, 100% voting) (Bermuda);
LiLAC Ventures Ltd. (66.39% equity, 66.39% voting) (Cayman Islands); and
Genesis Investment Management, LLP (2.4% equity, 2.4% voting) (United Kingdom).

Pursuant to section 1.5001(k) of the Commission's rules,[26] Liberty Latin America also requests advance approval for LiLAC Ventures Ltd. to increase its indirect interest into Liberty Mobile, the controlling U.S. parent, up to 100% equity/voting interests at some future time.[27] Further, Liberty Latin America seeks advance approval for Genesis Investment Management, LLP to increase its indirect equity and voting interests in Liberty Mobile up to a 15% non-controlling interest at some future time.[28] The Petitioner asserts that the public interest would be served by granting the Petition.[29]

[17] Liberty Mobile was formerly known as Beach Holding Corporation. Petition at 2, n. 3.

[18] Petition, Section 1.5001(h)(2) Exhibit.

[19] Petition at 6, Section 1.5001(h)(2) Exhibit.

[20] *Id*. at 6.

[21] *Id*. at 7.

[22] *Id*.

[23] *Id*.

[24] Petition at 8–9.

[25] 47 CFR § 1.5001(i).

[26] 47 CFR § 1.5001(k).

[27] Petition at 10.

[28] *Id*.

[29] Petition at 3–4.

V. NATIONAL SECURITY, LAW ENFORCEMENT, FOREIGN POLICY, AND TRADE CONCERNS

Under our rules and procedures, the Commission will generally refer petitions for section 310(b) foreign ownership rulings for common carrier wireless applicants and licensees and all the associated applications to the Executive Branch agencies for their views on any national security, law enforcement, foreign policy, or trade policy concerns related to the foreign ownership of the Applicants/Petitioners.[30] Liberty Latin America asserts that the Commission should not refer the Application and Petition to the Executive Branch agencies.[31] Liberty Latin America states that on July 1, 2020, it entered into a comprehensive letter of agreement (2020 LOA) with the Department of Justice on behalf of the Executive Branch agencies in connection with the review of Petitioner's 2020 transaction with AT&T Inc.[32] Liberty Latin America states that it has complied with the 2020 LOA thus far, and will continue to comply with the 2020 LOA in the future.[33] It further states that "[t]he only relevant change in LLA's foreign ownership since LLA concluded the 2020 LOA with the Executive Branch is the increased indirect voting and equity interest of LiLAC Ventures in the Controlling U.S. Parent."[34]

We exercise our discretion to not formally refer the Applications and Petition to the Executive Branch agencies.[35] As Liberty Latin America states, the change in its foreign ownership is an increase of LiLAC Ventures Ltd.'s equity/voting interest from 60% to 66.39%. Liberty Latin America asserts that it is in compliance with the 2020 LOA. Liberty Latin America further stipulates that it will continue to comply with the 2020 LOA upon the Commission's grant of the Petition. We find it would not be an efficient use of resources for the Executive Branch agencies or the Commission to refer the Applications and Petition in these circumstances. Although we are not formally referring the Applications and Petition, per standard practice, we will provide a courtesy copy of this Public Notice to the Executive Branch agencies.[36] We also retain authority to pursue enforcement action by the Commission for non-compliance with the Act or the Commission's rules.

VI. GENERAL INFORMATION

The applications identified herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any application if, upon further examination, it is determined to be defective and not in conformance with the Commission's rules and policies.

Interested parties may file petitions or comments **on or before March 11, 2024**, responses to petitions or comments **on or before March 21, 2024**, and replies to responses **on or before March 26, 2024**. Comments may be filed in the docket using the Commission's Electronic Comment Filing System (ECFS) or by paper.

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[30] *See Process Reform for Executive Branch Review of Certain FCC Applications and Petitions Involving Foreign Ownership*, IB Docket 16-155, Report and Order, 35 FCC Rcd 10927, 10936, paras. 25, 30 (2020) (*Executive Branch Review Process Order*); 47 CFR § 1.40001(a)(1).

[31] Petition at 10–11.

[32] Petition at 10. *See* Letter from John Winter, Senior Vice President, Chief Legal Officer & Secretary, LLA, to Assistant Attorney General for National Security, Department of Justice, WC Docket No. 19-384, File Nos. ITC-T/C- 20191107-00178 et al. (Jul. 1, 2020) (2020 LOA).

[33] Petition at 10.

[34] *Id*.

[35] 47 CFR § 1.40001(a).

[36] *Executive Branch Review Process Order* at 10939, para 30, n.81.

- *Electronic Filers*: Comments may be filed electronically by accessing ECFS at http://apps.fcc.gov/ecfs/ .

- *Paper Filers*: Parties who choose to file by paper must file an original and one copy of each filing. If more than one docket or rulemaking number appears in the caption of this proceeding, filers must submit two additional copies for each additional docket or rulemaking number.
  - Filings can be sent by commercial overnight courier or by first-class or overnight U.S. Postal Service mail.[37] All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.
  - Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701. U.S. Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street, NE, Washington, DC 20554.

People with Disabilities: We ask that requests for accommodations be made as soon as possible in order to allow the agency to satisfy such requests whenever possible. Send an email to fcc504@fcc.gov or call the Consumer and Governmental Affairs Bureau at (202) 418-0530.

In addition, e-mail one copy of each pleading to each of the following:

1) Nadja Sodos-Wallace, Wireless Telecommunications Bureau; Nadja.SodosWallace@fcc.gov; and

2) Fara Mohsenikolour, Telecommunications & Analysis Division, Office of International Affairs; Fara.Mohsenikolour@fcc.gov.

The proceeding in this Notice shall be treated as a "permit-but-disclose" proceeding in accordance with the Commission's *ex parte* rules. Persons making *ex parte* presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral *ex parte* presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the *ex parte* presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's written comments, memoranda or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during *ex parte* meetings are deemed to be written *ex parte* presentations and must be filed consistent with rule 1.1206(b), 47 CFR § 1.1206(b). Participants in this proceeding should familiarize themselves with the Commission's *ex parte* rules.

[37] Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. *See* FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy, Public Notice, DA 20-304 (Mar. 19, 2020), https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy.

To allow the Commission to consider fully all substantive issues regarding the applications in as timely and efficient a manner as possible, petitioners and commenters should raise all issues in their initial filings. New issues may not be raised in responses or replies.[38] A party or interested person seeking to raise a new issue after the pleading cycle has closed must show good cause why it was not possible for it to have raised the issue previously. Submissions after the pleading cycle has closed that seek to raise new issues based on new facts or newly discovered facts should be filed within 15 days after such facts are discovered. Absent such a showing of good cause, any issues not timely raised may be disregarded by the Commission.

For further information, contact Nadja Sodos-Wallace, Wireless Telecommunications Bureau, Broadband Division, 202-418-0955 or Fara Mohsenikolour, Office of International Affairs, Telecommunications and Analysis Division, 202-418-1429.

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[38] *See* 47 CFR § 1.45(c).

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment	)	WC Docket No. 17-84
	)	
	)	
	)	

ORDER GRANTING EXTENSION OF TIME

Adopted: February 23, 2024 **Released: February 23, 2024**

Reply Comment Date: March 13, 2024

By the Chief, Wireline Competition Bureau:

1. By this Order, the Wireline Competition Bureau (WCB) grants in part a Motion filed by the Utilities Technology Council and the Edison Electric Institute (EEI, and collectively, Utility Trade Associations) seeking an extension of time to file reply comments in the above-captioned proceeding.[1] For the reasons stated below, WCB finds that an extension of time is warranted and extends the reply comment date to March 13, 2024.

2. On December 15, 2023, the Commission released a *Third Further Notice of Proposed Rulemaking* seeking comment on certain aspects of its pole attachment rules.[2] Specifically, the Commission sought comment on (1) the tentative conclusion that utilities should have an additional 90 days for make-ready work for requests exceeding the lesser of 3,000 poles or five percent of the utility's poles in a state; (2) whether the Commission should prohibit utilities from limiting the number of poles included in a pole attachment application; (3) a proposal that the Commission establish a maximum time for a utility to review pole attachment applications of any size; (4) whether the Commission should create additional make-ready timeline tiers for attachment applications of different sizes; (5) a proposal that a utility notify an attacher within 15 days after receiving a complete application if it cannot conduct the survey within the required 45-day period (so that the attacher can elect self-help for the survey sooner); (6) whether the Commission should make self-help available for the make-ready estimate process; and (7) the impact of contractor availability when attachers seek to use their own contractors for self-help and whether to amend the Commission's rules to make it easier for attachers to use their own contractors for self-help when there are no contractors available from a utility contractor list.[3] Comments were due on February 13, 2024, and reply comments are due on February 28, 2024.

3. On February 20, 2024, the Utility Trade Associations filed their Motion for an extension

[1] *See* Utilities Technology Council and Edison Electric Institute, Motion for Extension of Time, WC Docket No. 17-84 (filed Feb. 20, 2024) (Motion), https://www.fcc.gov/ecfs/document/10221485408379/1.

[2] *Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment*, WC Docket No. 17-84, Fourth Report and Order, Declaratory Ruling, and Third Further Notice of Proposed Rulemaking, FCC 23-109 (2023) (*Third Further Notice of Proposed Rulemaking* or *Fourth Report and Order*).

[3] *Id.* at paras. 52-59.

of the reply comment filing deadline by 20 days, until March 19, 2024.[4] The Utility Trade Associations state that comments in response to the *Third Further Notice of Proposed Rulemaking* were due on the same date as oppositions to a Petition filed by EEI to reconsider certain aspects of the pole attachment rules adopted in the *Fourth Report and Order*,[5] and that oppositions to EEI's Petition for Reconsideration are due on February 23, 2024, shortly before reply comments to the *Third Further Notice of Proposed Rulemaking*. The Utility Trade Associations note that, "there were many comments and oppositions as well as many pages written in response to both the *FNPRM* and the Petition. These comments and oppositions raise various complex issues and make new proposals that require the collection of additional information for reply comments."[6] According to the Utility Trade Associations, "[b]ecause many of the comments submitted on the *FNPRM* introduce issues and proposals that impact utility operations, additional time is also needed for industry associations to consult with their members, and for counsel to consult with their clients."[7] Finally, the Utility Trade Associations argue that "providing additional time between the comment and reply comment period will provide parties with additional time to potentially meet with other stakeholders to discuss potential options to consider that will truly promote broadband access as a practical matter, which then could potentially be included as part of the reply comments."[8]

4. The Utility Trade Associations state that granting the extension of time will serve the public interest by improving the record in this proceeding and better promoting broadband deployment.[9] The Utility Trade Associations also argue that granting the extension will not harm the interests of the parties to the proceeding, and in fact "utilities, attaching entities, and other stakeholders stand to benefit if the Commission provides additional time for the parties to take advantage of the opportunity to provide substantive reply comments that consider innovative approaches, account for new proposals, and provide additional data in response to the initial comments in a thoughtful way that will truly promote broadband access."[10] No opposition to the Motion has been filed to date.

5. We grant the Utility Trade Associations' Motion in part and extend the deadline for filing reply comments in this proceeding by 14 days. As set forth in section 1.46 of the Commission's rules, the Commission does not routinely grant extensions of time.[11] In this case, however, the unopposed extension will allow commenters additional time to file meaningful reply comments given the extensive record generated by the comments in this proceeding and the complicated issues involved. Furthermore,

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[4] *See* Motion at 1.

[5] *Id*. *See* Edison Electric Institute, Petition for Clarification and/or Reconsideration, WC Docket No. 17-84 (filed Jan. 16, 2024) (seeking reconsideration for the Commission to "(1) clearly define the narrow circumstances in which a utility pole owner is required to provide a copy of its easement to an attacher that seeks to access a pole within such easement; and (2) remove or clarify its ruling that a 'pole replacement is *not* 'necessitated solely' by an attachment request' if a utility's previous or contemporaneous change to its internal construction standards necessitates replacement of an existing pole." (emphasis in original)).

[6] Motion at 2. According to the Utility Trade Associations, there were "24 filings totaling 415 pages in response to the *FNPRM* and the Petition. Most of these were comments in response to the *FNPRM*, and there were twice as many pages overall in these comments compared to the filings in response to the Petition." *Id*. at 2, n.3.

[7] Motion at 2. The Utility Trade Associations state that the "intervening Federal holiday, on February 19, made it more difficult to schedule those important discussions." *Id*.

[8] Motion at 2.

[9] *Id*. at 3.

[10] *Id.* (as the Utility Trade Associations note "[t]he pole attachment process will continue to proceed, deadlines for surveys and make ready will continue to apply as before, parties can continue to negotiate timelines for larger orders, and attachers can seek self-help if they decide to avail themselves of that option. The comments on the record do not demonstrate exigent circumstances or a widespread problem involving larger orders or self-help that would harm the interests of the parties by granting a limited extension of time to file reply comments.").

[11] 47 CFR § 1.46.

with replies to oppositions to the EEI Petition for Reconsideration being due on February 23, 2024, an extension will enable those parties filing such replies sufficient time to focus on the preparation of reply comments to the *Third Further Notice of Proposed Rulemaking*.[12] While we find that none of these factors standing alone would warrant additional time for filing reply comments, we find that when considered cumulatively and in the context of this proceeding, additional time is appropriate. However, we find a 14 day extension (rather than the 20 days requested by the Utility Trade Associations) is sufficient to allow for the preparation of meaningful reply comments while not unduly delaying this proceeding. Accordingly, we grant the Motion in part and extend the reply comment deadline to March 13, 2024.

6. Accordingly, **IT IS ORDERED** that, pursuant to section 4(i) of the Communications Act of 1934, as amended, 47 U.S.C. § 154(i), and sections 0.204, 0.291, and 1.46 of the Commission's rules, 47 CFR §§ 0.204, 0.291, 1.46, the Motion filed by the Utility Trade Associations is **GRANTED IN PART** as described herein.

7. **IT IS FURTHER ORDERED** that the date to file reply comments in response to the *Third Further Notice of Proposed Rulemaking* **IS EXTENDED** to March 13, 2024.

FEDERAL COMMUNICATIONS COMMISSION

Trent B. Harkrader
Chief
Wireline Competition Bureau

[12] A 14-day extension also gives the parties 19 days between the replies to oppositions to the EEI Petition for Reconsideration and the deadline for reply comments to the *Third Further Notice of Proposed Rulemaking*.

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-169
Released: February 26, 2024

WIRELESS TELECOMMUNICATIONS BUREAU SEEKS COMMENT ON ECHODYNE CORPORATION REQUEST FOR WAIVER TO PERMIT LICENSING AND USE OF GROUND-BASED 24.45–24.65 GHz RADAR

WT Docket No. 17-352

Comments Due: March 27, 2024
Reply Comments Due: April 11, 2024

By this *Public Notice*, we seek comment on a request for an extension of a waiver filed by Echodyne Corporation (Echodyne) to permit continued ground-based radiolocation use of its EchoGuard security and surveillance radar in the 24.45–24.65 GHz band for an additional five-year term.[1]

Echodyne states that it originally developed its electronic scanning radar for use as an airborne detect and avoid (DAA) radar consistent with the band's primary allocation. But Echodyne's customers expressed interest in using it as a ground-based security and surveillance radar (SSR) for, among other things, detection of unmanned aircraft systems (UAS). In response, Echodyne developed EchoGuard, a companion model for ground-based use.[2]

The 24.45–24.65 GHz band is allocated to the radionavigation and inter-satellite services on a primary basis for Federal and non-Federal use,[3] and part 87 of the Commission's rules authorizes airborne and ground-based use of the band for aeronautical radionavigation, including obstruction warning.[4] Use of the band for ground-based SSR (including UAS detection), however, constitutes radiolocation as opposed to radionavigation,[5] and is not authorized by the Commission's rules. In 2017, Echodyne therefore initially requested a waiver of section 2.106 and part 87 to permit ground-based use of EchoGuard for radiolocation applications.[6] The following year, Echodyne filed a rulemaking petition

[1] *See* Request by Echodyne Corp. for Extension of Limited Waiver (filed Feb. 8, 2024) (Request), available at https://www.fcc.gov/ecfs/document/10209251180686/1.

[2] *See* Request at 1–2.

[3] *See* 47 CFR § 2.106.

[4] *See* 47 CFR §§ 87.5, 87.173(b), 87.187(x), 87.475(b)(14).

[5] Radiodetermination is the determination of the position, velocity and/or other characteristics of an object, or the obtaining of information relating to these parameters, by means of the propagation properties of radio waves. Radionavigation is radiodetermination for the purposes of navigation, including obstruction warning. Radiolocation is radiodetermination used for purposes other than those of radionavigation. *See* 47 CFR §§ 2.1, 87.5.

[6] *See* Request by Echodyne Corp. for Waiver of Section 2.106 and Sections 87.471 and 87.475 of the Commission's Rules (filed Oct. 27, 2017).

proposing to establish permanent rules for secondary use of the 24.45–24.65 GHz band for radiolocation operations, and that petition remains pending.[7]

In 2019, the Wireless Telecommunications Bureau's Mobility Division granted a five-year limited waiver of the Commission's rules for ground-based radiolocation use of EchoGuard, and that grant expires on June 12, 2024.[8] Echodyne seeks a five-year extension of the limited waiver under the same conditions as required in the *Order*.[9]

We seek comment on this waiver extension request. In particular, we ask commenters to address any relevant developments since Echodyne's initial waiver grant, as well as the potential effect on aeronautical radionavigation.

Procedural Matters

To develop a complete record on the issues presented by the Request, the proceeding will be treated, for *ex parte* purposes, as a "permit-but-disclose" proceeding in accordance with section 1.1200(a) of the Commission's rules, subject to the requirements under section 1.1206(b). Parties should file all comments and reply comments in **WT Docket No. 17-352**.

Filing Requirements. Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS).[10]

- Electronic Filers: Comments may be filed electronically using the internet by accessing ECFS: https://www.fcc.gov/ecfs/.
- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing.
- Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.
    - Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.
    - U.S. Postal Service First-Class, Express, and Priority Mail must be addressed to 45 L Street NE, Washington, D.C. 20554.
- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals and to mitigate the transmission of COVID-19.[11]

[7] *See* Petition of Echodyne Corp. for Rulemaking (filed Oct. 24, 2018).

[8] *Echodyne Corporation; Request for Waiver of Part 2 and Part 87 of the Commission's Rules*, WT Docket No. 17-352, Order, 34 FCC Rcd 4830 (WTB-MD June 12, 2019) (*Order*).

[9] *See* Request at 3.

[10] *See* Federal Communications Commission, Electronic Filing of Documents in Rulemaking Proceedings, 63 Fed. Reg. 24121 (June 30, 1998).

[11] *See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, DA 20-304 (Mar. 19, 2020), https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy.

People with Disabilities. To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Government Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty).

Additional Information. For further information regarding this Public Notice, please contact Andrew McArdell, Mobility Division, Wireless Telecommunications Bureau, at Andrew.McArdell@fcc.gov.

- FCC -

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-170
Released: February 27, 2024

WIRELESS TELECOMMUNICATIONS BUREAU GRANTS AUCTION 108 LICENSES

Auction No. 108

By this Public Notice, the Wireless Telecommunications Bureau (WTB) announces the grant of two long-form applications and issuance of nine licenses for Auction 108. On August 29, 2022, the Federal Communications Commission (Commission) completed the auction of new flexible-use geographic overlay licenses in the (2.5 GHz) band, and the Office of Economics and Analytics (OEA) and the Wireless Telecommunications Bureau (WTB) announced the results of that auction on September 1, 2022.[1] This auction raised a total of $419,133,261 in net bids and $427,789,670 in gross bids, with 63 bidders winning a total of 7,872 licenses.[2] Long-form applications for licenses won in Auction 108 were due on September 16, 2022.[3] WTB accepted these two Auction 108 applications for filing on February

[1] *Auction of Flexible-Use Licenses in the 2.5 GHz Band Closes*, Public Notice, 37 FCC Rcd 10117 (OEA & WTB Sept. 1, 2022).

[2] "Gross bids" refers to the total of winning bid amounts at the close of bidding and does not reflect any small business or rural service provider bidding credits claimed by eligible winning bidders. "Net bids" refers to the total of winning bid amounts as adjusted for any small business or rural service provider bidding credits claimed by winning bidders.

[3] On October 26, 2022, WTB released the first accepted for filing public notice for Auction 108 which found 52 applications acceptable for filing. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 37 FCC Rcd 12344 (WTB Oct. 26, 2022). Subsequently, on December 1, 2022, WTB granted 51 of those 52 applications. *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, 37 FCC Rcd 14020 (WTB Dec. 1, 2022). On December 8, 2022, WTB released the second accepted for filing public notice for Auction 108 which found four applications acceptable for filing. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 37 FCC Rcd 14127 (WTB Dec. 8, 2022). Those four applications were subsequently granted on January 5, 2023. *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, 38 FCC Rcd 41 (WTB Jan. 5, 2023). On February, 14, 2023, WTB released the third accepted for filing public notice for Auction 108 which found seven applications acceptable for filing. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 38 FCC Rcd 1158 (WTB Feb. 14, 2023). Those seven applications were subsequently granted on March 1, 2023. *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, 38 FCC Rcd 1327 (WTB Mar. 1, 2023). Subsequently, the Commission's authority to issue licenses pursuant to a system of competitive bidding lapsed on March 9, 2023. *See* 47 USC 309(j)(11); Consolidated Appropriations Act, 2023, Pub. L. No. 117-328, 136 Stat. 4459 (December 29, 2022) (extending the Commission's spectrum auction authority through March 9, 2023). Congress subsequently passed legislation authorizing the Commission to process any remaining licenses won in Auction 108 within 90 days of enactment, which occurred on December 19, 2023. *See* 5G Spectrum Authority Licensing Enforcement Act (5G SALE Act), Pub. L. No. 118-27 (2023). On January 16, 2024, WTB released the fourth accepted for filing public notice for Auction 108 which found three applications acceptable for filing. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, DA 24-46 (WTB Jan. 16, 2024). Those three applications were subsequently granted on February 1, 2024. *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, DA 24-89 (WTB Feb. 1, 2024).

13, 2024.[4]

Upon further review and examination, WTB finds the applications for the licenses listed in Attachment A to be complete and in conformance with the Commission's rules. We find that granting the applications for the licenses listed in Attachment A serves the public interest, convenience, and necessity. Furthermore, the Commission has received full payment for the licenses listed in Attachment A, as required by section 1.2109(a) of its rules.[5] Accordingly, by this Public Notice, we announce the grant of the licenses listed in Attachment A. We grant these licenses pursuant to section 309(a) of the Communications Act, 47 U.S.C. § 309(a), and sections 0.131 and 0.331 of the Commission's rules, 47 C.F.R. §§ 0.131, 0.331.

We remind licensees that they should review all Commission orders and public notices establishing rules and policies for the 2.5 GHz Band.[6] Each licensee is solely responsible for complying with all FCC rules and regulations associated with these licenses. Notably, we remind Auction 108 licensees that they must protect existing incumbent licenses, including Rural Tribal Priority Window (RTPW) licenses.[7] We further remind licensees that pending RTPW applications may affect the licenses issued in Auction 108. Licenses granted through applications received during the RTPW will have incumbent status vis-à-vis licenses awarded in Auction 108.[8] In other words, any winning bidder awarded a license in Auction 108 may not operate within the license area of a successful RTPW applicant, even if that RTPW application remains pending at the time of issuance of the Auction 108 overlay license.

This Public Notice includes two attachments:

Attachment A – Flexible-Use Licenses Granted – Sorted by Licensee
Attachment B – Flexible-Use Licenses Granted – Sorted by Market Number

Please contact Madelaine Maior or Nadja Sodos-Wallace at Madelaine.Maior@fcc.gov and Nadja.SodosWallace@fcc.gov for questions regarding legal matters or licensing issues. Please contact Will Wiquist at (202) 418-0509 or Will.Wiquist@fcc.gov for press questions.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice).

- FCC -

[4] *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, DA 24-135 (WTB Feb. 13, 2024).

[5] 47 CFR § 1.2109(a).

[6] *See generally Transforming the 2.5 GHz Band*, WT Docket No. 18-120, Report and Order, 34 FCC Rcd 5446 (2019) (modified by Erratum, 34 FCC Rcd 10386 (WTB 2019)) (*2.5 GHz Report and Order*).

[7] *See 2.5 GHz Report and Order*, 34 FCC Rcd at 5473, para. 77; 47 CFR § 27.1206(b)(2)(ii).

[8] *See Auction of Flexible-Use Licenses in the 2.5 GHz Band for Next-Generation Wireless Services; Notice and Filing Requirements, Minimum Opening Bids, Upfront Payments, and Other Procedures of Auction 108; Bidding Scheduled to Begin July 29, 2022*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 4370, 4378, para. 14, 4376, para. 9 (2022).

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 27, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
Quick Current-Iowa LLC	D19133	MONONA, IA	1	0010206640	WSBA673	Y
Quick Current-Iowa LLC	D19155	POTTAWATTAMIE, IA	1	0010206640	WSBA674	N
Quick Current-Nebraska LLC	D31021	BURT, NE	1	0010206561	WSBA675	Y
Quick Current-Nebraska LLC	D31039	CUMING, NE	1	0010206561	WSBA676	N
Quick Current-Nebraska LLC	D31043	DAKOTA, NE	1	0010206561	WSBA677	N
Quick Current-Nebraska LLC	D31147	RICHARDSON, NE	1	0010206561	WSBA678	N
Quick Current-Nebraska LLC	D31173	THURSTON, NE	1	0010206561	WSBA679	Y
Quick Current-Nebraska LLC	D31173	THURSTON, NE	2	0010206561	WSBA680	Y
Quick Current-Nebraska LLC	D31179	WAYNE, NE	1	0010206561	WSBA681	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 27, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
Quick Current-Iowa LLC	D19133	MONONA, IA	1	0010206640	WSBA673	Y
Quick Current-Iowa LLC	D19155	POTTAWATTAMIE, IA	1	0010206640	WSBA674	N
Quick Current-Nebraska LLC	D31021	BURT, NE	1	0010206561	WSBA675	Y
Quick Current-Nebraska LLC	D31039	CUMING, NE	1	0010206561	WSBA676	N
Quick Current-Nebraska LLC	D31043	DAKOTA, NE	1	0010206561	WSBA677	N
Quick Current-Nebraska LLC	D31147	RICHARDSON, NE	1	0010206561	WSBA678	N
Quick Current-Nebraska LLC	D31173	THURSTON, NE	1	0010206561	WSBA679	Y
Quick Current-Nebraska LLC	D31173	THURSTON, NE	2	0010206561	WSBA680	Y
Quick Current-Nebraska LLC	D31179	WAYNE, NE	1	0010206561	WSBA681	N

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
T-Mobile License LLC	)	ULS File No. 0010206629
	)	
Application for 2.5 GHz Band Licenses, Auction No. 108	)	

MEMORANDUM OPINION AND ORDER

Adopted: February 27, 2024 **Released: February 27, 2024**

By the Chiefs, Wireless Telecommunications Bureau and Office of Economics and Analytics:

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I. INTRODUCTION

1. In this Memorandum Opinion and Order (Order), we review the Auction 108 Form 601 application (long-form application) of T-Mobile License LLC (T-Mobile or Applicant) for licenses in the 2.5 GHz band (2496-2690 MHz).[1] T-Mobile won multiple licenses in Auction 108.[2] After T-Mobile filed its long-form application, AT&T Services, Inc. (AT&T) filed a petition to deny.[3] For the reasons explained below, based on the record before us and the applicable Commission precedent, we find that the grant of T-Mobile's 2.5 GHz license application will serve the public interest, convenience, and necessity. Specifically, and in part based on the unique characteristics of the 2.5 GHz band and the specific licenses made available in Auction 108, we find that the grant of T-Mobile's license application—subject to its voluntary divestiture commitment in parts of Hawaii that we impose as a condition—will promote the public interest by facilitating access to and use of the spectrum, particularly in rural areas where this band has been underutilized. Accordingly, we deny AT&T's petition to deny and will process T-Mobile's application consistent with this Order and the Commission's rules.

II. BACKGROUND

A. Spectrum Aggregation Policies

2. Avoiding undue aggregation of spectrum in particular geographic markets has long been a bedrock principle of our mobile wireless policy. Since the advent of commercial mobile services, the Commission has consistently considered and adopted policies designed to prevent undue concentration of spectrum licenses necessary to provide those services.[4] The Commission's spectrum aggregation policies reflect the need to ensure "that sufficient spectrum is available for multiple existing mobile service providers as well as potential entrants."[5] These policies fulfill the Commission's statutory mandate to "include safeguards to protect the public interest" when specifying the classes and characteristics of licenses and permits to be issued by competitive bidding[6] and to "promot[e] economic opportunity and competition and ensur[e] that new and innovative technologies are readily accessible . . . by avoiding excessive concentration of licenses."[7] As the Commission has explained, "the fundamental goal" guiding the Commission's mobile spectrum holding policies "has been the preservation and promotion of

[1] T-Mobile filed its long-form application on September 16, 2022 and subsequently amended its application on October 4, 2022, November 7, 2022, February 1, 2023, April 17, 2023, and January 3, 2024. *See* Amended Application of T-Mobile License LLC for 2.5 GHz Licenses, Form 601, ULS File No. 0010206629 (last filed Jan. 3, 2024) (T-Mobile Application).

[2] *Auction of Flexible-Use Licenses in the 2.5 GHz Band Closes; Winning Bidders Announced for Auction 108*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 10117, para. 1 (WTB/OEA 2022) (*Auction 108 Closing Public Notice*).

[3] Petition to Deny of AT&T Services, Inc., ULS File No. 0010206629 (filed Nov. 7, 2022), https://wireless2.fcc.gov/UlsEntry/attachments/attachmentViewRD.jsp?applType=search&fileKey=901738970&attachmentKey=21623913&attachmentInd=applAttach (AT&T Petition to Deny).

[4] *T-Mobile License LLC, Cellco Partnership, Applications for 3.7-3.98 GHz Band Licenses, Auction No. 107*, ULS File Nos. 0009446137, 0009446983, Memorandum Opinion and Order, 36 FCC Rcd 11486, 11487-88, para. 2 (WTB/OEA 2021) (*3.7 GHz Auction 107 Order*); *Policies Regarding Mobile Spectrum Holdings Expanding the Economic Innovation Opportunities of Spectrum Through Incentive Auctions*, WT Docket No. 12-269, Report and Order, 29 FCC Rcd 6133, 6137, para. 8 (2014) (*Mobile Spectrum Holdings Report and Order*).

[5] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11487-88, para. 2; *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6143-44, para. 17.

[6] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11487-88, para. 2; 47 U.S.C. § 309(j)(3).

[7] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11487-88, para. 2; 47 U.S.C. § 309(j)(3)(B).

competition, which in turn, enables consumers to make choices among numerous service providers and leads to lower prices, improved quality, and increased innovation."[8]

3. These mobile spectrum holding policies are applicable to applications to acquire licenses through competitive bidding.[9] Over the years, the Commission has used a variety of tools to achieve its policy goals. In certain auctions, for example, the Commission has employed in-band spectrum aggregation limits or spectrum reserves to ensure against excessive concentration of spectrum.[10] In other auctions, the Commission has employed post-auction market-by-market review.[11]

4. Since 2004, as part of its mobile spectrum holding policies, the Commission has employed an initial spectrum screen to help identify for further competitive analysis those local markets where an entity would hold approximately one-third or more of the total spectrum "suitable and available" for the provision of mobile telephony/broadband services.[12] Such screens are the beginning, not the end, of the competitive analysis.[13] They do not act as a hard cap on an entity's spectrum holdings, but rather prompt further competitive analysis as part of the Commission's case-by-case review.[14] Such case-by-case review affords the Commission "flexibility to consider the unique circumstances" of a proposed transaction or spectrum acquisition and the "changing needs of the mobile wireless marketplace generally."[15] Any remedies deemed necessary can then be tailored to "the specific harm and circumstances."[16]

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[8] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11487-88, para. 2; *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6144, para. 17.

[9] 47 U.S.C. § 309(j)(17)(B).

[10] *See, e.g.*, *Facilitating Shared Use in the 3100-3550 MHz Band*, WT Docket 19-348, Second Report and Order, Order on Reconsideration, and Order of Proposed Modification, 36 FCC Rcd 5987, 6022-23, para. 102 (2021) (*3.45 GHz Second Report and Order*); *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6193, para. 146.

[11] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11498-11501, paras. 28-34.

[12] *See Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6227, 6229, paras. 242, 251; *Applications of T-Mobile US, Inc., and Sprint Corporation for Consent to Transfer Control of Licenses and Authorizations, et al.*, WT Docket No. 18-197, Memorandum Opinion and Order, Declaratory Ruling, and Order of Proposed Modification, 34 FCC Rcd 10578, 10608, para. 72 (2019) (*T-Mobile-Sprint Order*); *Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation for Consent to Transfer Control of Licenses and Authorizations, et al.*, WT Docket No. 04-70, et al., Memorandum Opinion and Order, 19 FCC Rcd 21522, 21568-69, paras. 109-110 (2004) (*Cingular-AT&T Order*). Whether spectrum is "suitable," for purposes of the spectrum screen, "is determined by whether the spectrum is capable of supporting mobile service given its physical properties and the state of equipment technology, whether the spectrum is licensed with a mobile allocation and corresponding service rules, and whether the spectrum is committed to another use that effectively precludes its use for mobile telephony/broadband services." *T-Mobile-Sprint Order*, 34 FCC Rcd at 10608, para. 72; *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6169, para. 71. Whether spectrum is "available" is based on whether it is "fairly certain" that it meets the criteria for suitability in the near term, an assessment that can be made at the time the spectrum is licensed or at later times after changes in technology or regulation that affect the consideration. *See, e.g.*, *T-Mobile-Sprint Order*, 34 FCC Rcd at 10608, para. 72 & n.227; *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6169, para. 71.

[13] *Cf. Applications of AT&T Inc. and DIRECTV for Consent to Assign or Transfer Control of Licenses and Authorizations*, MB Docket No. 14-90, Memorandum Opinion and Order, 30 FCC Rcd 9131, 9163, para. 75 (2015).

[14] *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6223, para. 231; *see also 3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11488, para. 3.

[15] *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6223, paras. 229, 231; *see also 3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11488, para. 3.

[16] *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6223, paras. 229, 231; *see also 3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11488, para. 3.

5. In recent years, the Commission has worked to make spectrum available to support existing 4G LTE networks and to develop and deploy new technologies, such as 5G. In particular, the Commission has pursued a comprehensive strategy to make available more mid-band spectrum,[17] which is uniquely suited for 5G deployment because of its favorable technical characteristics. In February 2021, the Commission concluded Auction 107,[18] which made available new flexible-use overlay licenses in the 3.7-4.2 GHz band (C-band) for 280 megahertz of spectrum or more than half of the C-band.[19] In March 2021, the Commission released an Order regarding the 3.45 GHz spectrum that also took steps to advance the Commission's objectives to make more mid-band spectrum available for 5G.[20] The Order adopted a framework that will enable full-power commercial use[21] of the band and require that future licensees deploy their networks quickly.[22] In January 2022, bidding in that auction (Auction 110) concluded following the close of bidding in the assignment phase.[23] Collectively, the 3.45 GHz band and the neighboring 3.5 GHz and 3.7 GHz bands offer 530 megahertz of contiguous mid-band spectrum for 5G services.[24] As described in greater detail below, Auction 108 furthered the goal of ensuring that any fallow 2.5 GHz spectrum be used to provide high-speed broadband service, particularly in rural areas where this band had historically been underused, in part by offering county-sized licenses for the remaining spectrum in this band, making this unassigned mid-band spectrum available for advanced wireless services, including 5G.[25]

B. Auction 108

6. The Commission conducted Auction 108 in accordance with the July 2019 *2.5 GHz Report and Order*, which transformed the regulatory framework governing the 2.5 GHz band.[26] In that Order, the Commission made available 117.5 megahertz of spectrum in the 2.5 GHz band for new licensed use.[27] The Commission established a Rural Tribal Priority Window (RTPW) to give federally recognized Tribal nations an opportunity to obtain 2.5 GHz licenses for unassigned spectrum in the former Educational Broadband Service (EBS) band over rural Tribal lands before any remaining

[17] *See, e.g.*, *3.45 GHz Second Report and Order*, 36 FCC Rcd at 5988, para. 1; *Expanding Flexible Use of the 3.7 to 4.2 GHz*, GN Docket No. 18-122, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343 (2020) (*3.7 GHz Report and Order*), *upheld sub nom. PSSI Global Services, L.L.C. v. FCC,* 983 F.3d 1 (D.C. Cir. 2020); *Transforming the 2.5 GHz Band*, WT Docket No. 18-120, Report and Order, 34 FCC Rcd 5446 (2019) (modified by Erratum, 34 FCC Rcd 10386 (WTB 2019)) (*2.5 GHz Report and Order*).

[18] *Auction of Flexible-Use Service Licenses in the 3.7-3.98 GHz Band Closes, Winning Bidders Announced for Auction 107*, AU Docket No. 20-25, Public Notice, 36 FCC Rcd 4318 (WTB/OEA 2021) (*Auction 107 Closing Public Notice*); Press Release, FCC, First Phase of Record-Breaking 5G Spectrum Auction Concludes (Jan. 15, 2021), https://docs.fcc.gov/public/attachments/DOC-369265A1.pdf.

[19] *Auction 107 Closing Public Notice*, 36 FCC Rcd at 4318, para. 1; *3.7 GHz Report and Order*, 35 FCC Rcd at 2345, 2357, paras. 4, 30 (new 3.7 GHz licenses were made available from 3.7-3.98 GHz).

[20] *3.45 GHz Second Report and Order*, 36 FCC Rcd at 5988, para. 1.

[21] Commercial use as it is used here refers to non-federal, primary, flexible use of the 3.45 GHz band and does not preclude use of the band for private mobile radio services. *3.45 GHz Second Report and Order*, 36 FCC Rcd at 5988, para. 1 & n.1; *see also* 47 U.S.C. § 332(d)(3); 47 CFR § 20.3.

[22] *3.45 GHz Second Report and Order*, 36 FCC Rcd at 5988, para. 1.

[23] *Auction of Flexible-Use Service Licenses In the 3.45-3.55 GHz Band Closes, Winning Bidders Announced for Auction 110*, AU Docket No. 21-62, 37 FCC Rcd 308, para. 1 (WTB/OEA 2022).

[24] *3.45 GHz Second Report and Order*, 36 FCC Rcd at 5988, para. 1.

[25] *2.5 GHz Report and Order*, 34 FCC Rcd at 5450, para. 13.

[26] *2.5 GHz Report and Order*, 34 FCC Rcd at 5447, para. 3.

[27] *2.5 GHz Report and Order*, 34 FCC Rcd at 5447, 5450, paras. 3, 13.

unassigned spectrum was made generally available through competitive bidding.[28] The Commission also authorized both fixed and mobile operations in the 2.5 GHz band using geographic area licensing, replaced the regulatory regime of the EBS with new flexible-use licensing and operating rules, and decided to use its competitive bidding rules to assign any remaining spectrum through overlay licenses following the close of the RTPW.[29]

7. In March 2022, the Commission released a Public Notice that provided details regarding procedures, terms, conditions, dates, and deadlines governing participation in the bidding as well as an overview of the post-auction application and payment processes.[30] The release of this Public Notice followed substantial public comment on various process proposals under consideration and the Commission's adoption of the *2.5 GHz Report and Order*.[31]

8. Auction 108, which began on July 29, 2022,[32] offered approximately 8,000 county-sized overlay licenses in the single largest contiguous portion of available mid-band spectrum below 3 GHz, which had been underutilized for years, particularly in rural areas.[33] These licenses will help extend 5G service beyond the most populated areas of the United States.[34] Bidding in the auction concluded on August 29, 2022.[35] Sixty-three bidders won a total of 7,872 licenses and total net winning bids exceeded $419 million.[36] Of these 63 bidders, 77% of them qualified as small businesses or as entities serving rural communities.[37] On September 1, 2022, the Office of Economics and Analytics (OEA) and the Wireless Telecommunications Bureau (WTB) released a Public Notice announcing the winning bidders for Auction 108.[38] On October 26, 2022, WTB released the first of several public notices listing 52 long-form applications (FCC Form 601) that had been found, upon initial review, to be acceptable for filing.[39]

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[28] *2.5 GHz Report and Order*, 34 FCC Rcd at 5450, 5463-69, paras. 46-65.

[29] *2.5 GHz Report and Order*, 34 FCC Rcd at 5450-62, 5472-88, paras. 14-44, 75-112.

[30] *Auction of Flexible-Use Licenses in the 2.5 GHz Band for Next-Generation Wireless Services, Notice and Filing Requirements, Minimum Opening Bids, Upfront Payments, and Other Procedures for Auction 108, Bidding Scheduled to Begin July 29, 2022*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 4370 (2022) (*Auction 108 Procedures Public Notice*).

[31] *Auction of Flexible-Use Service Licenses in the 2.5 GHz Band for Next-Generation Wireless Services; Comment Sought on Competitive Bidding Procedures for Auction 108*, AU Docket No. 20-429, Public Notice, 36 FCC Rcd 645, 648-71, paras. 7-98 (2021) (*Auction 108 Comment Public Notice*). *See* 47 U.S.C. § 309(j)(3)(E)(i) (requiring the Commission to seek comment on proposed auction procedures); *see also id*. § 309(j)(4)(F) (authorizing the Commission to prescribe reserve price or minimum bid); 47 CFR § 1.2104(c)-(d). *Auction of Flexible-Use Licenses in the 2.5 GHz Band for Next-Generation Wireless Services; Further Comment Sought on Competitive Bidding Procedures for Auction 108*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 1119, 1122-1132, paras. 8-56 (WTB/OEA 2022).

[32] Press Release, FCC, FCC Starts 5G Mid-Band Spectrum Auction (July 29, 2022), https://docs.fcc.gov/public/attachments/DOC-385771A1.pdf.

[33] *Auction 108 Procedures Public Notice*, 37 FCC Rcd at 4372, paras. 1-2; Press Release, FCC, FCC Transforms 2.5 GHz Band For 5G Services (July 10, 2019), https://docs.fcc.gov/public/attachments/DOC-358396A1.pdf.

[34] *Auction 108 Procedures Public Notice*, 37 FCC Rcd at 4372, 4447, paras. 1, 256.

[35] *Auction 108 Closing Public Notice*, 37 FCC Rcd at 10117, para. 1.

[36] *Auction 108 Closing Public Notice*, 37 FCC Rcd at 10117, para. 1.

[37] *Auction 108 Closing Public Notice*, 37 FCC Rcd at 10117, para. 1; *see also* Press Release, FCC, FCC Concludes 2.5 GHz Spectrum Auction: A Boost Of Mid-Band Spectrum For Rural America (Sept. 1, 2022), https://docs.fcc.gov/public/attachments/DOC-386826A1.pdf.

[38] *Auction 108 Closing Public Notice*, 37 FCC Rcd 10117.

[39] *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses are Accepted for Filing*, Public Notice, 37 FCC Rcd 12344 (WTB/OEA 2022) (*Auction 108 Accepted for Filing Public Notice*). In

(continued….)

On December 1, 2022, WTB granted certain of these long-form applications and issued 650 licenses for Auction 108.[40] Additional long-form applications were granted and licenses issued on January 5, 2023,[41] March 1, 2023,[42] February 1, 2024,[43] and February 27, 2024.[44]

9. On March 9, 2023, the Commission's spectrum auction authority was not extended by Congress and expired.[45] On December 19, 2023, after unanimous passage by both the U.S. Senate and U.S. House of Representatives, President Biden signed into law the 5G Spectrum Authority Licensing Enforcement Act (5G SALE Act).[46] The 5G SALE Act authorized the Commission to process any remaining licenses won in Auction 108 within 90 days after enactment of this Act,[47] which is by March 17, 2024.

C. Description of the Applicant

10. T-Mobile is a wholly-owned subsidiary of T-Mobile USA, Inc. and, indirectly, T-Mobile US, Inc., a publicly-traded Delaware corporation controlled by Deutsche Telecom AG (Deutsche Telekom) and part of the family of companies that operate under the T-Mobile brand names.[48] T-Mobile US, Inc. and its subsidiaries offer nationwide wireless voice and data services to consumer and business customers and provide service to approximately 119.7 million postpaid and prepaid customers, as of December 31, 2023, as well as offering a wide selection of wireless devices and accessories.[49] Substantially all of T-Mobile US, Inc.'s revenues for the years ended December 31, 2023, 2022, and 2021, were earned in the United States, including Puerto Rico, and the U.S. Virgin Islands.[50] T-Mobile

(Continued from previous page)
December 2022, February 2023, January 2024, and February 2024, WTB released additional accepted for filing public notices. *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses are Accepted for Filing*, Public Notice, 37 FCC Rcd 14127 (WTB/OEA 2022); *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses are Accepted for Filing*, Public Notice, 38 FCC Rcd 1158 (WTB/OEA 2023); *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses are Accepted for Filing*, Public Notice, DA 24-46 (WTB/OEA Jan. 16, 2024); *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses are Accepted for Filing*, Public Notice, DA 24-135 (WTB/OEA Feb. 13, 2024).

[40] *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Auction No. 108, Public Notice, DA 22-1243 (WTB Dec. 1, 2022).

[41] *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Auction No. 108, Public Notice, DA 23-12 (WTB Jan. 5, 2023).

[42] *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Auction No. 108, Public Notice, DA 23-155 (WTB Mar. 1, 2023).

[43] *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Auction No. 108, Public Notice, DA 24-89 (WTB Feb. 1, 2024).

[44] *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Auction No. 108, Public Notice, DA 24-170 (WTB Feb. 27, 2024).

[45] The Commission's authority to issue licenses pursuant to a system of competitive bidding lapsed March 9, 2023 under 47 U.S.C. § 309(j)(11); Consolidated Appropriations Act, 2023, Pub. L. No. 117-328, 136 Stat. 4459 (Dec. 29, 2022) (extending the Commission's spectrum auction authority through March 9, 2023).

[46] 5G Spectrum Authority Licensing Enforcement Act (5G SALE Act), Pub. L. No. 118-27, 137 Stat. 132 (Dec. 19, 2023) (5G SALE Act).

[47] 5G SALE Act, Section 2, FCC Processing of Applications for Spectrum Licenses Awarded by Auction.

[48] T-Mobile Application, Exh. B: Foreign Ownership Statement for T-Mobile License LLC.

[49] T-Mobile US, Inc., SEC Form 10-K, at 5-6 (filed Feb. 2, 2024) (77% postpaid customers, 15% prepaid customers, and 8% wholesale, roaming, and other services).

[50] T-Mobile US, Inc., SEC Form 10-K, at 6 (filed Feb. 2, 2024).

US, Inc. reported 2023 total revenues of approximately $78.6 billion, with an operating income of approximately $14.3 billion.[51]

D. Record

11. On November 7, 2022, AT&T filed a petition, pursuant to 47 U.S.C. § 309 and 47 CFR § 1.2108, to deny T-Mobile's long-form application for the 2.5 GHz licenses it won in Auction 108 or to condition the grant on T-Mobile's divestiture of mid-band spectrum.[52] On November 14, 2022, T-Mobile filed an opposition to AT&T's petition arguing that AT&T lacks standing to file a petition.[53] AT&T filed a reply on November 21, 2022.[54]

12. AT&T requests the Commission deny T-Mobile's long-form application or condition its grant on divestitures, arguing that granting the 2.5 GHz licenses would exacerbate a 5G spectrum imbalance and deepen concerns about long-term wireless competition.[55] AT&T states that major U.S. wireless providers have sufficient near-term spectrum assets, but T-Mobile's spectrum aggregation creates an imbalance for effective competition over the long-term.[56] AT&T argues that mid-band spectrum is important to compete in the 5G ecosystem[57] and that T-Mobile has engaged in an anticompetitive strategy to raise its rivals' costs and harm consumers through increased spectrum aggregation.[58] AT&T asserts that T-Mobile's disproportionate mid-band spectrum holdings are primarily due to T-Mobile's acquisition of Sprint, which closed in April 2020.[59] AT&T also argues that it is not requesting reconsideration of the auction rules, but is requesting that the Commission enforce the spectrum aggregation rules by conducting a rigorous competitive analysis.[60]

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[51] T-Mobile US, Inc., SEC Form 10-K, at 34 (filed Feb. 2, 2024).

[52] AT&T Petition to Deny at 1, 16.

[53] T-Mobile Opposition at 2, 10 (arguing that AT&T lacks standing because it fails to demonstrate that grant of the application would cause a direct injury).

[54] AT&T Reply. Also on November 21, 2022, Bloosurf, LLC, a fixed wireless access provider, submitted a request seeking an investigation into alleged interference to its 2.5 GHz network that it believes is caused by T-Mobile. *See* Letter from Vincent Sabathier, CEO, Bloosurf, LLC to the Wireless Telecommunications Bureau and Enforcement Bureau (Nov. 21, 2022) (Bloosurf Request). In that regard, Bloosurf suggests that conditions be placed on certain of T-Mobile's Auction 108 licenses requiring resolution of Bloosurf's interference issue before T-Mobile begins operations pursuant to those licenses. Bloosurf Request at 11-13. We dismiss the Bloosurf Request as untimely to the extent that it seeks license conditions on T-Mobile's Auction 108 licenses. To the extent Bloosurf sought the imposition of license conditions, the deadline for filing such a request was November 7, 2022. *See Auction 108 Accepted for Filing Public Notice* at 1; *see also* 47 CFR § 1.2108(b). Bloosurf fails to acknowledge this deadline and does not present facts that would justify a waiver of the deadline.

[55] AT&T Petition to Deny at 1, 14; *see also* Letter from Michael P. Goggin, Assistant Vice President, Senior Legal Counsel, AT&T, to Marlene H. Dortch, Secretary, FCC, ULS File No. 0010206629, at 3 (filed Feb. 21, 2023) (AT&T Feb. 21, 2023 *Ex Parte* Letter) (requesting that the Commission deny T-Mobile's application or condition its grant on competitively effective and Commission-approved divestitures of mid-band spectrum currently held by T-Mobile).

[56] AT&T Petition to Deny at 13.

[57] AT&T Petition to Deny at 4.

[58] AT&T Petition to Deny at 5-9 (asserting that there is no new mid-band spectrum in the auction pipeline that could equalize the imbalance in mid-band spectrum).

[59] AT&T Petition to Deny at 6 (noting Sprint's spectrum holdings in legacy EBS and BRS spectrum in the 2.5 GHz band outside of the auction context); *see also T-Mobile-Sprint Order*, 34 FCC Rcd 10578.

[60] AT&T Reply at 5; *see also* AT&T Petition to Deny at 10; AT&T Feb. 21, 2023 *Ex Parte* Letter at 2.

13. AT&T urges the Commission to adopt remedies to protect competition.[61] AT&T argues that the Commission should withhold the issuance of additional mid-band licenses, including the Auction 108 licenses, until T-Mobile has divested sufficient mid-band spectrum to restore competitive balance in mid-band spectrum holdings.[62] Further, AT&T asserts that the Commission should play a greater role in structuring spectrum divestitures in a 5G ecosystem where providers need wide blocks of contiguous spectrum across geographic areas.[63] AT&T argues that T-Mobile's spectrum acquisitions should be subject to "exacting regulatory scrutiny."[64] In addition, AT&T maintains that if T-Mobile takes issue with the Commission's mobile spectrum holdings rules, this would be better addressed in a rulemaking; AT&T urges the Commission to put out for public comment AT&T's rulemaking petition regarding a mid-band spectrum screen.[65] We note that since then, WTB and OEA released a Public Notice that sought comment on this petition for rulemaking and more broadly on the Commission's mobile spectrum holdings policies.[66]

14. In response, T-Mobile contends that AT&T has not established a factual or legal basis for its claim of anticompetitive conduct or anticompetitive harm.[67] T-Mobile asserts that AT&T has not shown that 2.5 GHz spectrum is essential to its deployment plans or that it lacks the spectrum necessary to meet its needs.[68] T-Mobile argues that its participation in Auction 108 did not foreclose competitors from acquiring mid-band spectrum and that AT&T, in particular, cannot claim that because it did not participate in the auction.[69]

15. T-Mobile argues that, on the other hand, granting its application serves the public interest by advancing the deployment of next generation 5G services.[70] T-Mobile claims that the spectrum at issue, which is currently lying fallow, would be rapidly utilized by it to support the robust expansion of its 5G network and is ready to be deployed immediately at almost 11,000 sites.[71] According to T-Mobile, the new 2.5 GHz spectrum could be deployed quickly to fill gaps in its coverage.[72] T-Mobile asserts that because of its existing 2.5 GHz holdings, it is positioned to be able to make the best and highest use of 2.5

[61] AT&T Petition to Deny at 4; *see also* AT&T Feb. 21, 2023 *Ex Parte* Letter at 1-3.

[62] AT&T Petition to Deny at 4 (noting that T-Mobile, newly or further, exceeds the screen in one or more counties in 70 CMAs covering nearly two-thirds of the U.S. population). *Id*. at 11-12; *see also* AT&T Reply at 1, 6 (arguing that the Commission can allow T-Mobile to deploy this 2.5 GHz spectrum while requiring T-Mobile to divest other assets as needed to restore competitive conditions, such as C-band spectrum or the 3.45 MHz spectrum T-Mobile has yet to deploy); AT&T Feb. 21, 2023 *Ex Parte* Letter at 1-3.

[63] AT&T Petition to Deny at 15 (requesting the Commission condition its approval of any new mid-band assets to T-Mobile, including the overlay licenses sought here, on its approval of an acceptable divestiture transaction between T-Mobile and appropriate buyers). *Id*. at 16.

[64] AT&T Petition to Deny at 4-5.

[65] Letter from Jessica B. Lyons, Assistant Vice President, Senior Legal Counsel, AT&T, to Marlene H. Dortch, FCC, ULS File Nos. 0010206629, 0010475575, at 3-4 (filed Apr. 4, 2023) (AT&T Apr. 4, 2023 Letter).

[66] *Wireless Telecommunications Bureau and Office of Economics and Analytics Seek Comment on AT&T Petition for Rulemaking and Mobile Spectrum Holdings Policies*, WT Docket No. 23-319, Public Notice, DA 23-891 (WTB/OEA Sept. 22, 2023) (*Mobile Spectrum Holdings Public Notice*).

[67] T-Mobile Opposition at 2, 12-14 (asserting that AT&T failed to demonstrate any basis for its raising rivals' costs claim or that it lacks access to spectrum).

[68] T-Mobile Opposition at 7-10.

[69] T-Mobile Opposition at 2-5.

[70] T-Mobile Opposition at 17.

[71] T-Mobile Opposition at 17.

[72] T-Mobile Opposition at 17.

GHz spectrum it won at auction.[73] T-Mobile maintains that "[t]he intermixture of this new and already operational spectrum would significantly and rapidly increase 5G mobile broadband capacity for consumers simply by allowing T-Mobile to expand the channel bandwidths and its previously deployed 5G equipment already supports."[74] T-Mobile further asserts that its ability to improve its fixed wireless in-home broadband offering (Home Internet service) and expand the households this service can support depends directly upon having sufficient spectrum to do so.[75]

16. Specifically, T-Mobile asserts that granting its Auction 108 2.5 GHz licenses in Puerto Rico and Hawaii "will not have an adverse impact on competition in these areas due to the presence of other competitors with mature deployments."[76] T-Mobile also contends that these spectrum licenses are incremental in nature because the 2.5 GHz band in these areas is fragmented and the licenses at issue are located mostly in rural areas at the fringe of existing licensed 2.5 GHz coverage.[77] In particular, T-Mobile claims that grant of the 2.5 GHz licenses it won in Puerto Rico and Hawaii "is critical to T-Mobile's ability to rationalize its fragmented 2.5 GHz spectrum holdings."[78] By filling in geographic and spectrum voids, T-Mobile asserts that this will allow it to deploy the larger, contiguous bandwidths necessary to support enhanced and expanded 5G services.[79] In response, AT&T argues that T-Mobile's acquisition of all of the available unpaired mid-band spectrum in Hawaii and Puerto Rico will foreclose the opportunity for other providers to mount a competitive response.[80] AT&T notes that T-Mobile holds twice as much licensed sub-6 GHz spectrum as any of its competitors.[81] Moreover, AT&T argues that because there are no C-band or 3.45 GHz licenses in Puerto Rico and Hawaii, the threat to competition posed by T-Mobile's control of the 2.5 GHz band in these areas is clear.[82]

17. A number of letters were filed in support of the Commission granting T-Mobile's Auction 108 long-form application.[83] In general, comments included that the grant of this long-form

[73] T-Mobile Opposition at 17.

[74] T-Mobile Opposition at 17.

[75] T-Mobile Opposition at 17-18; *see also* Letter from Kathleen Ham, Senior Vice President, Government Affairs, T-Mobile, to Marlene H. Dortch, Secretary, FCC, ULS File Nos. 0010206629, 0010475575, at 1 (filed Apr. 28, 2023) (T-Mobile Apr. 28, 2023 *Ex Parte* Letter); Letter from Steve Sharkey, Vice President, Government Affairs, Engineering and Technology Policy, T-Mobile, to Marlene H. Dortch, Secretary, FCC, ULS File No. 0010206629, at 3 (filed Mar. 13, 2023) (T-Mobile Mar. 13, 2023 Letter) (arguing that unlike its mobile competitors, T-Mobile must have sufficient spectrum to satisfy the needs of both mobile and fixed broadband customers).

[76] Letter from Steve Sharkey, Vice President, Government Affairs, T-Mobile, to Marlene H. Dortch, Secretary, FCC, ULS File No. 0010206629 (filed Feb. 6, 2023) (T-Mobile Feb. 6, 2023 *Ex Parte* Letter).

[77] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 3-4.

[78] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 2.

[79] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 2.

[80] AT&T Feb. 21, 2023 *Ex Parte* Letter at 2.

[81] AT&T Feb. 21, 2023 *Ex Parte* Letter at 2.

[82] AT&T Feb. 21, 2023 *Ex Parte* Letter at 2.

[83] Letter from Patrick Gossman, Chair, National EBS Association, to Honorable Jessica Rosenworcel, et al., Chairwoman, FCC, ULS File Nos. 0010206629, 0010475575 (filed June 30, 2023) (NEBSA June 30, 2023 Letter); Letter from Frankie Miranda, President and CEO, Hispanic Federation, to Honorable Jessica Rosenworcel, Chairwoman, FCC, ULS File Nos. 0010206629, 0010475575 (filed June 24, 2023) (Hispanic Federation June 24, 2023 Letter); Letter from John Windhausen, Jr., Schools, Health & Libraries Broadband Coalition, to Honorable Jessica Rosenworcel, Chairwoman, FCC, ULS File Nos. 0010206629, 0010475575 (filed June 23, 2023) (SHLB June 23, 2023 Letter); Letter from Representatives Darren Soto, Nanette Diaz Barragán, Anna G. Eshoo, Ann McLane Kuster, Jenniffer González-Colón, Congress of the United States, House of Representatives, to Honorable Jessica Rosenworcel, Chairwoman, FCC (filed June 16, 2023); Letter from Gerard J. Hayes, President and Founder, (continued….)

application will help to advance T-Mobile's deployment of 5G services and assist in bridging the digital divide, particularly in rural areas.[84] For example, the National EBS Association (NEBSA) and the Schools, Health & Libraries Broadband (SHLB) Coalition argue that T-Mobile could use these 2.5 GHz licenses to enable the educational community nationwide to take advantage of greater educational opportunities, better coverage, and faster data speeds.[85] A group of ten organizations that represent various communities[86] filed a letter asserting that the grant of T-Mobile's Auction 108 long-form application will permit T-Mobile to provide wireless services in rural and low-income communities, including rural communities in Puerto Rico and the rural South.[87]

E. Commitment to Divest Spectrum

18. On February 16, 2024, T-Mobile filed a letter making a voluntary commitment to divest, either by sale or spectrum swap, 20 megahertz of its AWS-1, AWS-3, PCS, or 2.5 GHz band spectrum (or any combination thereof)—in no smaller than 10 megahertz blocks or paired 5 megahertz blocks (unless WTB in its discretion approves smaller blocks)—in each of the following two markets: Hawaii 1–Kauai (CMA 385) and Hawaii 2–Maui (CMA 386) (Divestiture Assets).[88] T-Mobile states that it will divest 20 megahertz of spectrum in these markets to one or more non-affiliated entities. Regarding the timeframe

(Continued from previous page)
Wireless Research Center of North Carolina, to Honorable Jessica Rosenworcel, Chairwoman, FCC, ULS File Nos. 0010206629, 0010475575 (filed May 31, 2023) (WRC May 31, 2023 Letter); Letter from OJ Semans, SR, Executive Director of Legislative Affairs, Coalition of Large Tribes, Justin Velez-Hagan, Founder and Senior Policy Advisor, National Puerto Rican Chamber of Commerce, et al., to Honorable Jessica Rosenworcel, Chairwoman, FCC, ULS File Nos. 0010206629, 0010475575 (filed May 22, 2023) (Coalition May 22, 2023 Letter); Letter from Melissa Newman, Vice President, Government Affairs, Telecommunications Industry Association, to Honorable Jessica Rosenworcel, Chairwoman, FCC, ULS File Nos. 0010206629, 0010475575 (filed May 19, 2023); Letter from Harold Feld, Senior Vice President, Public Knowledge, to Joel Taubenblatt, Chief, Wireless Telecommunications Commission, FCC, WT Docket No. 18-120 (filed May 9, 2023) (Public Knowledge May 9, 2023 Letter); *see also* The National Congress of American Indians, Resolution #MN-23-003, Calling Upon the Federal Communications Commission to Issue the Remaining Tribal Priority Window 2.5 GHz Licenses and Issue Remaining Auction 108 Licenses (adopted June 16, 2023); Chris James, President and CEO, The National Center for American Indian Enterprise Development, to Honorable Jessica Rosenworcel, Chairwoman, FCC (filed June 13, 2023) (NCAIED June 13, 2023 Letter) (articulating "strong support for the timely issuance of the remaining 2.5 GHz licenses in Auction 108 to winning bidders"); Letter from Representative Anna G. Eshoo, Congress of the United States, House of Representatives, to Honorable Jessica Rosenworcel, Chairwoman, FCC (filed May 16, 2023) (Eshoo May 16, 2023 Letter); Letter from Senators Ted Cruz and John Thune, United States Senate, Committee on Commerce, Science, and Transportation, to Honorable Jessica Rosenworcel, Chairwoman, FCC (filed Aug. 14, 2023) (Senators' Aug. 14, 2023 Letter).

[84] *See, e.g.*, NEBSA June 30, 2023 Letter at 1-2; Hispanic Federation June 24, 2023 Letter at 1-2; SHLB June 23, 2023 Letter at 1-2; WRC May 31, 2023 Letter at 1-2; Coalition May 22, 2023 Letter at 1; Public Knowledge May 9, 2023 Letter at 1; Senators' Aug. 14, 2023 Letter at 2-3; *see also* NCAIED June 13, 2023 Letter at 1-2; Eshoo May 16, 2023 Letter at 1-2.

[85] NEBSA June 30, 2023 Letter at 1-2 (stating that EBS licensees provide T-Mobile's 5G mobile hotspots to schools, libraries, nonprofits, and low-income communities); SHLB June 23, 2023 Letter at 1-2.

[86] The organizations are the following: Coalition of Large Tribes, National Puerto Rican Chamber of Commerce, National Rural Education Association, Conference of National Black Churches, National Grange, HTTP, OCA-Asian Pacific American Advocates, Allvanza, Silicon Harlem, and Hispanic Heritage Foundation. Coalition May 22, 2023 Letter.

[87] Coalition May 22, 2023 Letter at 1; *see also* NEBSA June 30, 2023 Letter at 2.

[88] Letter from Edward "Smitty" Smith, Senior Vice President, Policy and Government Affairs, T-Mobile, to Marlene H. Dortch, Secretary, FCC, ULS File No. 0010206629, at 3 (filed Feb. 15, 2023) (T-Mobile Feb. 15, 2024 Letter), attached to this Order as Appendix B. We discuss our adoption of T-Mobile's voluntary divestiture commitment as a condition to our grant below. *See infra* paras. 78-82.

for T-Mobile to divest this spectrum, T-Mobile has committed to filing the relevant Commission application or applications within 12 months of the issuance of its Auction 108 2.5 GHz licenses, unless WTB grants an extension upon a showing of good cause. Until the application(s) are filed, T-Mobile commits to provide WTB with quarterly progress reports. If T-Mobile has not filed the application(s) within 12 months (or any extension granted by WTB), T-Mobile commits to irrevocably transfer to a divestiture trustee the remaining required Divestiture Assets (as selected by T-Mobile) in no smaller than 10 megahertz blocks or paired 5 megahertz blocks (unless WTB in its discretion approves smaller blocks). T-Mobile commits to selecting the divestiture trustee subject to WTB's approval, which would not be unreasonably withheld. The divestiture trustee will be solely responsible for accomplishing disposal of the remaining divestiture assets.

III. STANDARD OF REVIEW

19. Pursuant to sections 308 and 309 of the Communications Act of 1934 (Act), we must determine whether granting the license application will serve the public interest, convenience, and necessity.[89] As an initial matter, we consider whether the applicant for a license has the requisite "citizenship, character, financial, technical, and other qualifications."[90] No party has raised an issue regarding the basic qualifications of T-Mobile, nor are we aware of any. T-Mobile has repeatedly been found qualified to hold Commission licenses,[91] and we continue to find it to be qualified.

IV. MOBILE SPECTRUM HOLDINGS AND COMPETITIVE ANALYSIS

20. As we discuss in more detail below, we find that grant of T-Mobile's license application, subject to a voluntary commitment to divest certain spectrum in parts of Hawaii that we impose as a condition, will on balance promote the public interest by facilitating access to and use of the spectrum. We first summarize the Auction 108 results, including the winning bidders and the extent to which T-Mobile would exceed the spectrum screen. For those local markets identified by the spectrum screen, we perform our market-by-market competitive analysis to assess the likely competitive impact of spectrum aggregation to ensure that the public interest, convenience, and necessity is served. We find that in all of these local markets where the spectrum screen is triggered, and subject to the divestiture condition for parts of Hawaii, multiple licensees nevertheless have access to both low-band and mid-band spectrum.

21. We find that AT&T's petition in this matter does not raise specific allegations sufficient to show that AT&T will suffer competitive harm, or otherwise raise substantial or material questions of fact under section 309(d) and (e) with respect to T-Mobile's Auction 108 license application.[92] While AT&T raises general concerns about T-Mobile's spectrum holdings, it fails to provide specific evidence that the grant of the licenses will cause harm to itself or to the public interest in the markets at issue. As noted above, in September 2023, we initiated a proceeding regarding AT&T's separate petition for rulemaking that also raises broader spectrum aggregation issues.[93] AT&T asserts that all major U.S. wireless providers have the spectrum assets they need to compete in the near term,[94] which is consistent

[89] 47 U.S.C. §§ 308, 309.

[90] 47 U.S.C. §§ 308(b), 309(j)(5); *see also id.* § 309(j)(17). *Cf. T-Mobile-Sprint Order*, 34 FCC Rcd at 10596-97, para. 43 (reviewing whether applicants of a proposed transaction meet the requisite qualification requirements).

[91] *See, e.g.*, *T-Mobile-Sprint Order*, 34 FCC Rcd at 10597, para. 44; *Applications of Deutsche Telekom AG, T-Mobile USA, Inc., and MetroPCS Communications, Inc. for Consent to Transfer of Control of Licenses and Authorizations*, WT Docket No. 12-301, 28 FCC Rcd 2322, 2329, para. 18 (WTB/IB 2013) (*T-Mobile-MetroPCS Order*).

[92] *See* 47 U.S.C. § 309(d); *see also* 47 CFR § 1.2108(d); *Mobile Communications Corp. of America v. FCC*, 77 F.3d 1399, 1409-10 (D.C. Cir. 1996) (citing *Citizens for Jazzon WRVR v. FCC*, 775 F.2d 392 (D.C. Cir. 1985)).

[93] *Mobile Spectrum Holdings Public Notice.*

[94] AT&T Petition to Deny at 13.

with our competitive analysis of the markets at issue in T-Mobile's 2.5 GHz license application. Accordingly, we deny AT&T's petition.

A. Auction 108 Results

22. In total, 63 bidders won licenses in Auction 108.[95] T-Mobile won 7,156 of the 8,017 licenses offered across 678 Cellular Market Areas (CMAs), with the spectrum it won ranging from adding no new attributable spectrum to T-Mobile's holdings to adding 116.5 megahertz.[96] Verizon, through its Cellco subsidiary, won 12 licenses over 9 counties and the other 61 bidders won the remainder of the licenses.[97] We note that while the nominal available spectrum in each market ranged up to a maximum of 117.5 megahertz, due to the fact that these Auction 108 licenses are overlay licenses that are required to protect all existing incumbents, the actual spectrum available for deployment could be much less.[98]

B. Competitive Analysis

23. Spectrum is an essential input in the provision of mobile wireless services, and ensuring that sufficient spectrum is available for incumbent licensees as well as potential new entrants is critical to promoting effective competition and innovation in the marketplace.[99] Regarding mobile spectrum holding policies, as noted above, the Commission's fundamental goal is the preservation and promotion of competition, which in turn, leads to lower prices, improved quality, and increased innovation. When considering the potential competitive effects of spectrum aggregation, the Commission has considered whether there would be an increased likelihood that rival service providers or potential entrants would be foreclosed from expanding capacity, deploying advanced mobile broadband technologies, or entering the

[95] *Auction 108 Closing Public Notice*, 37 FCC Rcd 10117.

[96] *See Auction 108 Closing Public Notice,* 37 FCC Rcd 10117, Attach. A. T-Mobile won licenses across 2,724 counties.

[97] *Auction 108 Closing Public Notice,* 37 FCC Rcd 10117.

[98] *See OEA and WTB Address a Request for Revisions to the Auction 108 (2.5 GHz Band) Inventory, and Remind Participants of Their Due Diligence Responsibilities and Obligations Related to the Prohibition Against Certain Communications*, AU Docket No. 20-429, Public Notice, DA 22-489, at 2, para. 5 (OEA/WTB May 6, 2022) (*Auction 108 Inventory Public Notice*) ("A substantial number of licenses in the Auction 108 inventory have very small amounts of unassigned area or unassigned spectrum. The details in each case may or may not be of significance to a potential use of the spectrum. Interested parties therefore should consult the Universal Licensing System (ULS) to confirm all information in the mapping tool and to determine the amount of white space available."). In addition, auction winners may be required to protect certain still pending applications ("In other words, any winning bidder awarded a license in Auction 108 will not be allowed to operate within the license area of a successful RTPW applicant, even if that RTPW application remains pending at the time of issuance of the overlay license. In the event that the grant of a RTPW application results in a county/channel block combination having no unassigned spectrum, the Commission will announce the removal of the affected license(s) from the auction inventory."). *Id.* at 2, para. 6.

[99] *See*, *e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11493, para. 15; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10617, para. 94; *SprintCom, Inc., Shenandoah Personal Communications, LLC, and NTELOS Holdings Corp. for Consent to Assign Licenses and Spectrum Lease Authorizations and To Transfer Control of Spectrum Lease Authorizations and an International Section 214 Authorization*, Memorandum Opinion and Order, 31 FCC Rcd 3631, 3635-36, para. 9 (WTB/IB 2016) (*Sprint-Shentel-NTELOS Order*); *Applications of AT&T Inc., Leap Wireless International, Inc., Cricket License Col, LLC and Leap Licenseco, Inc. for Consent to Transfer Control and Assign Licenses and Authorizations*, WT Docket No. 13-193, Memorandum Opinion and Order, 29 FCC Rcd 2735, 2745-46, para. 21 (WTB/IB 2014) (*AT&T-Leap Order*); *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2330-31, para. 22; *see also Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6233, 6240, paras. 267, 286-88.

market, and also whether rivals' costs would be increased to the extent that they would be less likely to be able to compete robustly.[100]

24. Consistent with Commission precedent for competitive review of the acquisition of licenses, we perform our competitive analysis as articulated in the 2008 *Union Telephone Order* to ensure that the public interest, convenience, and necessity is served.[101] We begin by determining the appropriate market definitions,[102] which include the product and geographic markets, and the input market for spectrum suitable and available for the provision of mobile telephony/broadband services.[103] We then consider the current market participants in the mobile wireless industry.[104] We finally turn to our consideration of the likely competitive effects if the proposed license application is granted.

1. Market Definitions and Market Participants

25. *Product Market.* Consistent with Commission precedent, we find that the relevant product market is a combined "mobile telephony/broadband services" product market that comprises mobile voice and data services, including mobile voice and data services provided over advanced broadband wireless networks (mobile broadband services).[105]

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[100] *See*, *e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11493, para. 15; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10617-18, para. 94.

[101] *Union Tel. Co. Cellco P'ship d/b/a Verizon Wireless, Applications for 700 MHz Band Licenses, Auction No. 73*, Memorandum Opinion and Order, 23 FCC Rcd 16787, 16791-92, 16796, paras. 9, 18 (2008) (*Union Telephone Order*); *3.7 GHz Report and Order*, 35 FCC Rcd at 2384, para. 89 (citing to *Union Telephone Order* for review of long-form applications); *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11493-11501, paras. 15-34 (applying the *Union Telephone Order* standard in post-auction review of long-form application); *Use of Spectrum Bands Above 24 GHz For Mobile Radio Services*, GN Docket No. 14-177, Third Report and Order, Memorandum Opinion and Order, and Third Further Notice of Proposed Rulemaking, 33 FCC Rcd 5576, 5591, para. 36 (2018) (citing to *Union Telephone Order* for review of long-form applications).

[102] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11493-94, para. 16; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10600-01, para. 53; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2331, para. 24.

[103] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11493-94, para. 16; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10600-01, para. 53; *AT&T-Leap Order*, 29 FCC Rcd at 2746, para. 22; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2331, para. 24; *see also Union Telephone Order*, 23 FCC Rcd at 16791, para. 9.

[104] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11493-94, para. 16; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10600-01, para. 53; *AT&T-Leap Order*, 29 FCC Rcd at 2746, para. 22; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2331, para. 24; *see also Union Telephone Order*, 23 FCC Rcd at 16791, para. 9.

[105] *See*, *e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11494, para. 17; *Application of Verizon Communications Inc. and América Móvil, S.A.B. de C.V., for Consent to Transfer Control of International Section 214 Authorization*, GN Docket No. 21-112, Memorandum Opinion and Order, 36 FCC Rcd 16994, 17004, para. 27 (2021) (*Verizon-TracFone Order*); *T-Mobile-Sprint Order*, 34 FCC Rcd at 10601, 10603, paras. 55, 60; *AT&T-Leap Order*, 29 FCC Rcd at 2746, para 23; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2331, para. 25; *see also Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6224, para. 234 & n.623; *Union Telephone Order*, 23 FCC Rcd at 16792, para. 11 (noting that if the Commission were to apply the standard competitive analysis to the review of long-form license applications, it would "adopt the same product market definition as applied by the Commission in recent transactions involving the mobile telephony market."); *see also* United States of America et al., v. Deutsche Telekom AG, T-Mobile US, Inc., Softbank Group Corp., Sprint Corporation, and DISH Network Corporation, Proposed Final Judgment, Case No. 1:19-cv-02232, at 6 (D.D.C) (filed July 26, 2019) (Competitive Impact Statement by the U.S. Department of Justice stating that the retail mobile wireless service is a relevant product market under section 7 of the Clayton Act); United States of America v. AT&T Inc., T-Mobile USA, Inc., and Deutsche Telekom AG, Complaint, Case No. 1:11-cv-01560, para. 12 (D.D.C.) (Aug. 31, 2011) (Mobile wireless telecommunications services constitute a relevant product market under section 7 of the Clayton Act and those services include both voice and data services).

26. *Geographic Market.* The Commission has previously found that the geographic market for wireless transactions is local.[106] The Commission has found, however, that a proposed transaction's competitive effects should also be evaluated at the national level where a proposed transaction exhibits certain national characteristics that provide cause for concern.[107] For this license application, we continue to use CMAs as the appropriate local market for analyzing increased spectrum aggregation.[108]

27. *Input Market for Spectrum.* The Commission has previously determined that the following bands, or portions thereof, meet the definition of suitable and available and should be included in the input market for spectrum: 600 MHz, 700 MHz, cellular, specialized mobile radio service (SMR), broadband personal communications service (PCS), Advanced Wireless Services (AWS) in the 1710-1755 and 2110-2155 MHz band (AWS-1), AWS-3, AWS in the 2000-2020 MHz and 2180-2200 MHz spectrum bands (AWS-4), Broadband Radio Service (BRS), Wireless Communications Service (WCS) spectrum, H Block, Educational Broadband Service (EBS), 3.7 GHz, and 3.45 GHz.[109] The total amount of spectrum that is currently considered suitable and available for the provision of mobile telephony/broadband services is 1,123 megahertz, with an associated spectrum screen trigger of 385 megahertz.[110] As 3.7 GHz and 3.45 GHz spectrum are not available for use in Hawaii, Alaska, and the territories, in these areas, the total amount of suitable and available spectrum is 743 megahertz, and the associated spectrum screen trigger is 250 megahertz.[111]

28. *Market Participants.* Consistent with Commission precedent for reviewing potential competitive effects of spectrum aggregation, we focus only on facilities-based entities providing mobile telephony/broadband services using the spectrum bands included in the spectrum screen.[112]

2. Initial Screen

29. Since 2004, the Commission, in reviewing license transfers and other secondary market transactions, has used a two-part screen to help identify those markets that provide particular reason for

[106] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11494, para. 18; *Verizon-TracFone Order*, 36 FCC Rcd at 17005, para. 30; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10605-06, para. 66; *AT&T-Leap Order*, 29 FCC Rcd at 2748, para. 27; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2332, para. 29.

[107] *See*, *e.g.*, *Verizon-TracFone Order*, 36 FCC Rcd at 17005, para. 30; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10606, para. 66; *AT&T-Leap Order*, 29 FCC Rcd at 2748, para. 27; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2332, para. 29.

[108] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11494, para. 18; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10605-06, 10607, paras. 66, 69. In the *Union Telephone Order*, the Commission's competitive analysis was undertaken at the CMA level. *Union Telephone Order*, 23 FCC Rcd at 16793, 16796, paras. 12, 18; *see also* United States of America v. AT&T Inc., T-Mobile USA, Inc., and Deutsche Telekom AG, Complaint, Case No. 1:11-cv-01560, paras. 16-17 (D.D.C.) (Aug. 31, 2011) (U.S. Department of Justice using CMAs as relevant geographic markets in its competitive analysis, in addition to a national-level analysis).

[109] *See, e.g.*, *Communications Marketplace Report*, GN Docket No. 22-203, 2022 Communications Marketplace Report, 37 FCC Rcd 15514, 15578-79, paras. 84-85, Fig. II.B.9 (2022) (*2022 Communications Marketplace Report*); *see also 3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11495, para. 20; *Verizon-TracFone Order*, 36 FCC Rcd at 17005, para. 31 & n.86; *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6169, 6177-79, 6184-87, paras. 70, 100-102, 118-25.

[110] *2022 Communications Marketplace Report*, 37 FCC Rcd at 15578-79, paras. 84-85, Fig. II.B.9.

[111] *2022 Communications Marketplace Report*, 37 FCC Rcd at 15579, para. 84 & n.216.

[112] *See 3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11496, para. 21; *Verizon-TracFone Order*, 36 FCC Rcd at 17005-06, para. 32; *Union Telephone Order*, 23 FCC Rcd at 16794, para. 14; *see also T-Mobile-Sprint Order*, 34 FCC Rcd at 10609, para. 73; *AT&T-Leap Order*, 29 FCC Rcd at 2752, para. 37; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2334-35, para. 37. In addition, we recognize that mobile virtual network operators may provide additional competitive constraints, which we account for in our evaluation of the likely competitive effects. *See, e.g.*, *T-Mobile-Sprint Order*, 34 FCC Rcd at 10609, para. 73.

further competitive analysis based on increased market concentration and/or increased spectrum aggregation.[113] The first part of the screen is based on the size of the post-transaction Herfindahl-Hirschman Index (HHI) measured in terms of subscribers, and the change in the HHI.[114] As the spectrum won here does not result in the acquisition of wireless business units and customers,[115] we do not apply the HHI screen. The second part of the screen, which is applied on a county-by-county basis, identifies those local markets (CMAs) where the entity would hold approximately one-third or more of the total spectrum suitable and available for the provision of mobile telephony/broadband services, following grant of the license application.[116] As a threshold matter, we again note that the spectrum screen is a tool that prompts the Commission to apply additional analysis; it is not a hard cap or bright-line limit on a service provider's holdings.[117]

30. *Record*. AT&T argues that T-Mobile currently exceeds the spectrum screen in one or more counties within 181 CMAs.[118] AT&T asserts that the grant of the licenses won in Auction 108 would cause T-Mobile to newly or further exceed the screen in one or more counties within 70 CMAs.[119] AT&T argues that the licenses at issue from Auction 108 as a whole cover approximately two-thirds of the U.S. population[120] and that T-Mobile has engaged in an anticompetitive strategy to raise its rivals' costs and harm consumers through undue spectrum aggregation.[121] T-Mobile asserts that AT&T incorrectly treats the spectrum screen as a cap instead of applying the Commission's analysis, which is that exceeding the screen does not automatically constitute competitive harm.[122] T-Mobile claims that a review of the "minor spectrum screen overages resulting from the spectrum T-Mobile won in Auction 108 makes clear that no harm would ensue from granting the application—and certainly no harm that would

[113] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11496, para. 22; *Verizon-TracFone Order*, 36 FCC Rcd at 17007, para. 35; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10614, para. 87; *AT&T-Leap Order*, 29 FCC Rcd at 2752-53, 2755-56, paras. 39, 41, 47; *Cingular-AT&T Order*, 19 FCC Rcd at 21568-69, paras. 106-112; *see also Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6140-41, para. 13.

[114] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11496, para. 22; *Verizon-TracFone Order*, 36 FCC Rcd at 17007, para. 35; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10614-15, para. 87; *see also Union Telephone Order*, 23 FCC Rcd at 16791, para. 9; *AT&T-Leap Order*, 29 FCC Rcd at 2753, para. 41; *2010 DOJ/FTC Horizontal Merger Guidelines* at § 5.3; *see also Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6140-41, 6221-22, para. 13 & n.34, para. 225 & n.605.

[115] *See 3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11496, para. 22; *Union Telephone Order*, 23 FCC Rcd at 16795, para. 15 (noting the HHI screen is not triggered for case-by-case review of spectrum acquired at auction).

[116] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11496, para. 22; *Verizon-TracFone Order*, 36 FCC Rcd at 17007, para. 35; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10614-15, 10617-18, paras. 87, 94; *AT&T-Leap Order*, 29 FCC Rcd at 2753, para. 41; *T-Mobile-MetroPCS Order*, 28 FCC Rcd at 2335, para. 38; *see also Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6222-23, para. 228.

[117] *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6223, para. 231.

[118] AT&T Petition to Deny at 12, Appx. B.

[119] AT&T Petition to Deny at 12, Appx. A. We note that on November 7, 2022, T-Mobile filed an amended spectrum holdings chart. T-Mobile's original filing indicated that it triggered the spectrum screen in 70 CMAs, which is the number of CMAs AT&T references in its petition to deny. T-Mobile Application. T-Mobile filed a further amended spectrum holdings chart on January 3, 2024 and a letter on February 1, 2024 that corrected the spectrum amount concerning four counties in New York. Our analysis relies on the further amended filings that show that 75 CMAs trigger the spectrum screen.

[120] AT&T Petition to Deny at 12.

[121] AT&T Petition to Deny at 5-11.

[122] T-Mobile Opposition at 12-14.

outweigh the substantial public interest benefits that would result from enabling T-Mobile to put the spectrum to use immediately."[123]

31. *Discussion.* In Auction 108, T-Mobile won additional attributable EBS spectrum in 1,671 counties covering all or parts of 448 CMAs. Applying the spectrum screen on a county-by-county basis in each local market, which we have determined above to be the CMA,[124] shows that T-Mobile would trigger the spectrum screen in at least one county in 75 CMAs if we were to grant the license application. Across those local markets where 385 megahertz is the trigger, T-Mobile would hold a maximum of 450 megahertz of spectrum. In Puerto Rico and Hawaii, where the spectrum screen trigger is 250 megahertz, T-Mobile would hold a maximum of 300.4 megahertz and 370 megahertz, respectively. The local markets identified for further competitive review cover approximately 19% of the U.S. population.

3. Market-by-Market Analysis

32. Consistent with existing Commission precedent,[125] we consider various competitive variables that help to predict the likelihood of competitive harm if the license application is granted. These competitive variables include, but are not limited to: the total number of rival service providers; the number of rival firms that can offer competitive service plans; the coverage by technology of the firms' respective networks;[126] the applicant's market share and rival firms' market shares;[127] the total amount of suitable and available spectrum;[128] the amount of spectrum suitable for the provision of mobile telephony/broadband services controlled by the applicant; and the spectrum holdings of each of the rival

[123] T-Mobile Opposition at 15.

[124] *See supra* para. 26.

[125] As noted above, the policy for market-by-market analysis for spectrum won at auction was established in the 2008 *Union Telephone Order*. *Union Telephone Order*, 23 FCC Rcd at 16796, para. 18. This approach was affirmed by the Commission in the *3.7 GHz Report and Order* for the 3.7 GHz Service. *3.7 GHz Report and Order*, 35 FCC Rcd at 2384, para. 89; *see also 3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11498, para. 28 & n.93.

[126] We base the coverage analysis on providers' coverage data they submitted pursuant to the Broadband Data Collection for coverage as of December 31, 2022. Broadband Deployment Accuracy and Technological Availability Act, Pub. L. No. 116-130, 134 Stat. 228 (2020) (codified at 47 U.S.C. §§ 641-646) (Broadband DATA Act); 47 U.S.C. § 642(a)(1)(A) (Broadband Data Collection).

[127] We base providers' market shares analysis on Numbering Resource Utilization/Forecast (NRUF) data, which indicate the number of phone numbers that a wireless service provider has been assigned in a particular rate center (there are approximately 18,000 rate centers in the country). *See* 47 CFR § 52.15(e)(5); *see also Auction 108 Long-Form Application of T-Mobile License LLC for 2.5 GHz Band Licenses, Numbering Resource Utilization and Forecast (NRUF) Reports and Local Number Portability (LNP) Reports Placed Into the Record, Subject to the Protective Order*, CC Docket No. 99-200, ULS File No. 0010206629, Public Notice, DA 24-100 (WTB/OEA Feb. 5, 2024). Rate centers are geographic areas used by local exchange carriers for a variety of reasons, including the determination of toll rates. *2022 Communications Marketplace Report*, 37 FCC Rcd at 15569, para. 73 & n.181. We calculate the total number of wireless subscribers from the total number of assigned phone numbers reported by wireless service providers in their required NRUF reports. For purposes of geographical analysis, the rate center data can be associated with a geographic point, and all points that fall within a county boundary can be aggregated together and associated with much larger geographic areas based on counties. We note that the aggregation to larger geographic areas, such as to whole counties or groups of counties, reduces the level of inaccuracy inherent in combining non-coterminous areas, such as rate center areas and counties.

[128] As noted above, the total amount of suitable and available spectrum in the total spectrum screen is currently 1,123 megahertz and the associated total spectrum screen trigger is 385 megahertz, while the below-1-GHz trigger for enhanced factor review is 68 megahertz. Regarding high-band millimeter wave (mmW) spectrum, the Commission has made 4,950 megahertz available for licensed use, and adopted a separate threshold for mmW spectrum holdings, with an associated mmW threshold trigger of 1,850 megahertz.

service providers and licensees.[129] Further, we consider whether current service providers can access additional spectrum in the market either through auction or on the secondary market.[130]

33. In assessing spectrum concentration and its likely competitive effects, we are cognizant of the need to prevent the undue concentration of spectrum and to promote the dissemination of licenses among a wide variety of applicants.[131] We also take into account the specific characteristics of this band, which has been historically underutilized in rural areas. The overlay licenses auctioned in Auction 108 have several characteristics that distinguish them from other licenses. Unlike many bands that the Commission has previously auctioned, the 2.5 GHz band is not "greenfield" spectrum. In addition, the band has a unique interference rule that requires adjacent licensees to closely coordinate with each other.[132] The licenses awarded in Auction 108 were overlay licenses that are required to protect incumbent licenses (including pre-existing 2.5 GHz licenses as well as RTPW licenses) from interference.[133] Further, neither the RTPW licenses nor the vast majority of the other incumbent licenses (which cover 35-mile radius geographic service areas) correspond with the county boundaries used in Auction 108.[134] As a result of this existing incumbency, a substantial number of licenses in the Auction 108 inventory had very small amounts of unassigned spectrum or unassigned area.[135]

34. We organize our discussion of the triggered markets by geographical cluster.[136] After having undertaken our local market-by-market analysis, as discussed in detail below, and in light of the voluntary divestiture commitment for parts of Hawaii, we find that the likelihood of competitive harm as a result of grant of the license application in the particular markets at issue is low. A list of the triggered markets is provided in Appendix A.

35. *Midwest*. There are 11 CMAs in the Midwest of the United States that trigger the initial spectrum screen.[137] Seven of these CMAs—Chicago, IL, St. Louis, MO-IL, Champaign-Urbana-Rantoul, IL, St. Cloud, MN, Kankakee, IL, Joliet, IL, and Michigan 9–Cass—are non-rural markets with

[129] *See, e.g.*, *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11498, para. 28; *T-Mobile-Sprint Order*, 34 FCC Rcd at 10620-21, para. 102; *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6238, para. 280; *Union Telephone Order*, 23 FCC Rcd at 16796, para. 18.

[130] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11498, para. 28; *Union Telephone Order*, 23 FCC Rcd at 16796, para. 18.

[131] *3.7 GHz Auction 107 Order*, 36 FCC Rcd at 11498, para. 29; *Mobile Spectrum Holdings Report and Order*, 29 FCC Rcd at 6136, para. 6.

[132] *See* 47 CFR § 27.1221.

[133] *See* 47 CFR § 27.1206(b)(2)(ii) (geographic service area of county-based 2.5 GHz licenses excludes overlapping, co-channel incumbent GSAs, including RTPW licenses).

[134] With overlay licenses, the geographic service areas of incumbent licensees (including in many cases circular Geographic Service Areas with a 35-mile radius that do not exist in any other band) are excluded from the service area of the overlay licensee. 47 CFR § 27.1206(b)(2)(ii).

[135] *See Auction 108 Inventory Public Notice*.

[136] The geographic clusters we use are based on the U.S. Census Bureau, Geographic Levels, Regions and Divisions, https://www.census.gov/programs-surveys/economic-census/guidance-geographies/levels.html (last visited Feb. 2, 2024). The clusters analyzed are: the Midwest, the Northeast, the East South Central, the South Atlantic, the West South Central, and the West. U.S. Census Bureau, Census Regions and Divisions of the United States, https://www2.census.gov/geo/pdfs/maps-data/maps/reference/us_regdiv.pdf (last visited Feb. 2, 2024). We separately evaluate Puerto Rico and Hawaii.

[137] In numerical order, the 11 CMAs are: CMA 3: Chicago, IL; CMA 11: St. Louis, MO-IL; CMA 196: Champaign-Urbana-Rantoul, IL; CMA 198: St. Cloud, MN; CMA 273: Kankakee, IL; CMA 304: Joliet, IL; CMA 395: Illinois 2–Bureau; CMA 399: Illinois 6–Montgomery; CMA 400: Illinois 7–Vermilion; CMA 480: Michigan 9–Cass; and CMA 592: Ohio 8–Clinton.

populations ranging from approximately 52,500 to 8.4 million, and with population densities of 105 to 2,276 people per square mile.[138] The other four CMAs—Illinois 2–Bureau, Illinois 6–Montgomery, Illinois 7–Vermilion, and Ohio 8–Clinton—are rural markets with populations ranging from approximately 185,000 to 242,000, and with population densities of 44 to 76 people per square mile.

36. In the seven non-rural markets, T-Mobile is currently attributed with 325 megahertz to 440 megahertz of spectrum on a county-by-county basis.[139] With T-Mobile's reported winnings of zero megahertz to 93 megahertz from Auction 108 in these CMAs,[140] T-Mobile would hold a maximum of 450 megahertz of spectrum on a county-by-county basis post-auction.[141] Regarding other nationwide service providers in these markets, AT&T holds 235 megahertz to 300 megahertz on a county-by-county basis, while Verizon Wireless holds 257 megahertz to 317 megahertz. In addition, DISH holds between 111 megahertz and 131 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 42 megahertz of spectrum on a county-by-county basis across these markets.

37. Regarding coverage,[142] AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in the seven non-rural markets.[143] Further, AT&T and T-Mobile each have significant 5G-New Radio (NR) population and land area coverage at speeds of 7/1 Mbps in the seven non-rural markets. Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in six of the seven non-rural markets, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Michigan 9–Cass.[144] In addition, DISH has

[138] The population density is measured by the number of people per square mile using 2020 Census data. Rural markets are characterized by fewer than 100 people per square mile. *See Facilitating the Provision of Spectrum-Based Services to Rural Areas and Promoting Opportunities for Rural Telephone Companies To Provide Spectrum Based Services*, Report and Order, 19 FCC Rcd 19078, 19087-88 (2004).

[139] We derive T-Mobile's Auction 108 winnings and its other spectrum holdings from its submissions. We derive other licensees' spectrum holdings from our licensing databases as of February 1, 2024.

[140] In certain counties, T-Mobile's Auction 108 licenses would allow it to acquire spectrum over additional geographic areas within the county, but would not increase the amount of attributable spectrum because it currently has attributable interests in incumbent licenses within the county.

[141] T-Mobile also holds 700 megahertz to 1,925 megahertz of mmW spectrum, while AT&T holds 1,000 megahertz to 1,100 megahertz, and Verizon Wireless holds 1,425 megahertz to 2,450 megahertz. Other licensees, including DISH, hold 200 megahertz to 1,000 megahertz.

[142] As noted above, we derive mobile broadband coverage from the December 2022 Broadband Data Collection data. For 4G LTE, these data are based on speed thresholds of 5 megabits per second (Mbps) download and1Mbps upload (5/1 Mbps) with a minimum cell edge probability of 90% and minimum cell loading of 50%. For 5G-NR, these data are based on speed thresholds of 7 Mbps download and 1 Mbps upload (7/1 Mbps) and 35 Mbps download and 3 Mbps upload (35/3 Mbps) with a minimum cell edge probability of 90% and minimum cell loading of 50%. 47 U.S.C. § 642(b)(2)(B)(ii); *see also Establishing the Digital Opportunity Data Collection; Modernizing the FCC Form 477 Data Program*, WC Docket Nos. 19-195 and 11-10, Second Report and Order and Third Further Notice of Proposed Rulemaking, 35 FCC Rcd 7460, 7479-80, paras. 44-45 (2020) (*BDC Second Report and Order*). For 4G LTE and 5G-NR, providers must submit two types of propagation maps: one that models outdoor stationary usage and one that models in-vehicle mobile usage. *See BDC Second Report and Order*, 35 FCC Rcd at 7481-82, para. 48. We report the various speed thresholds based on the outdoor stationary propagation maps.

[143] It has previously been found that coverage of 70% or more of the population and 50% or more of the land area is presumptively sufficient for a service provider to have a competitive presence in the market. *See*, *e.g.*, *Sprint-Shentel-NTELOS Order*, 31 FCC Rcd at 3642-44, para. 25 & n.77; *AT&T-Leap Order*, 29 FCC Rcd at 2770, para. 81 & n.279.

[144] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has significant population and land area coverage in Chicago, IL, Kankakee, IL, and Joliet, IL, significant population coverage and close-to-significant land area coverage in St. Louis, MO-IL, significant population coverage in Champaign-Urbana-Rantoul, IL and St. Cloud, MN, and has deployed its network to some extent in Michigan 9–Cass. Further, Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in five of the seven non-rural markets and

(continued….)

significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in St. Louis, MO-IL and Champaign-Urbana-Rantoul, IL.[145]

38. In the four rural markets—Illinois 2–Bureau, Illinois 6–Montgomery, Illinois 7–Vermilion, and Ohio 8–Clinton—T-Mobile is currently attributed with 265 megahertz to 390 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 93 megahertz from Auction 108 in these four markets, T-Mobile would hold a maximum of 418 megahertz of spectrum on a county-by-county basis post-auction.[146] Regarding other nationwide service providers in these markets, AT&T holds 233 to 295 megahertz on a county-by-county basis, while Verizon Wireless holds 252 megahertz to 347 megahertz. In addition, DISH holds between 101 megahertz and 141 megahertz of spectrum, and US Cellular holds between 12 to 184 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 50 megahertz of spectrum on a county-by-county basis across these four markets.

39. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in these four rural markets. Further, AT&T has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in all four rural markets, T-Mobile has close-to-significant 5G-NR population coverage and significant 5G-NR land area coverage at speeds of 7/1 Mbps in Ohio 8–Clinton and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in the remaining three rural markets, and Verizon Wireless has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Illinois 6–Montgomery and Ohio 8–Clinton. In addition, DISH has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Ohio 8–Clinton,[147] and US Cellular has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Illinois 2–Bureau.[148]

40. Based on our evaluation of the factors ordinarily considered, including the fact that multiple licensees have access to spectrum, as well as the unique characteristics of this specific band and the overlay licenses offered in Auction 108,[149] we find that the likelihood of competitive harm in these

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significant population coverage in Champaign-Urbana-Rantoul, IL, while AT&T has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in St. Louis, MO-IL, close-to-significant 5G-NR population coverage at speeds of 35/3 Mbps in Chicago, IL, Champaign-Urbana-Rantoul, IL, and Joliet, IL, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in the remaining three non-rural markets. In addition, DISH has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in St. Louis, MO-IL and Champaign-Urbana-Rantoul, IL.

[145] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} %, and Verizon Wireless holds {[ ]} % in these non-rural Midwest markets. No other service providers have a significant market share. We note that Joliet, IL is a single-county market; for this reason we believe that the market shares for AT&T, T-Mobile, and Verizon Wireless in this market of {[ ]} %, respectively, are unreliable and inaccurate. Material set off by double brackets {[ ]} is confidential and is redacted from the public version of this document.

[146] T-Mobile also holds 600 megahertz to 1,500 megahertz of mmW spectrum, while AT&T holds 1,000 megahertz to 1,100 megahertz, and Verizon Wireless holds 1,000 megahertz to 2,450 megahertz. Other licensees, including DISH, hold 100 megahertz to 1,025 megahertz.

[147] In terms of 5G-NR coverage at speeds of 35/3 Mbps, AT&T and T-Mobile have deployed their networks to some extent in all four rural markets. In addition, Verizon Wireless has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Illinois 6–Montgomery and Ohio 8–Clinton, while DISH has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Ohio 8–Clinton.

[148] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} % in Illinois 2–Bureau, Illinois 7–Vermilion, and Ohio 8–Clinton, and has some market presence in Illinois 6-Montgomery with a market share of {[ ]} %. AT&T holds {[ ]} % while Verizon Wireless holds {[ ]} % in these rural Midwest markets. No other service providers have a significant market share.

[149] *See supra* paras. 22, 33.

markets if we grant the license application is low. We find it highly unlikely that T-Mobile's auction winnings would allow it to foreclose entry, raise rivals' costs, or otherwise harm the public interest.

41. *Northeast.* There are 12 CMAs in the Northeast of the United States that trigger the initial spectrum screen.[150] Eight of these CMAs—New York-Newark, NY-NJ, Northeast Pennsylvania, PA, Allentown-Bethlehem, PA-NJ, Atlantic City, NJ, New London-Norwich, CT, Vineland-Millville, NJ, Massachusetts 2–Barnstable, and New Jersey 3–Sussex—are non-rural markets with populations ranging from approximately 144,200 to 17.7 million, and with population densities of 273 to 4,520 people per square mile. The other four CMAs—Glens Falls, NY, New York 2–Franklin, New York 4–Yates, and New York 5–Otsego—are rural markets with populations ranging from approximately 127,000 to 393,000, and population densities ranging from 32 to 99 people per square mile.

42. In the eight non-rural markets, T-Mobile is currently attributed with 317 megahertz to 420 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 93 megahertz from Auction 108, T-Mobile would hold a maximum of 440 megahertz of spectrum on a county-by-county basis post-auction.[151] Regarding the other nationwide service providers in these markets, AT&T holds 251 megahertz to 291 megahertz on a county-by-county basis, while Verizon Wireless holds 267 megahertz to 287 megahertz. In addition, DISH holds between 120 megahertz and 145 megahertz of spectrum on a county-by-county basis. Finally, multiple other licensees hold between 5 megahertz to 20 megahertz of spectrum on a county-by-county basis.

43. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in every market except Massachusetts 2–Barnstable, and all have significant population coverage in Massachusetts 2–Barnstable. Further, T-Mobile has significant 5G-NR population coverage at speeds of 7/1 Mbps in all eight of the non-rural markets, significant 5G-NR land area coverage at speeds of 7/1 Mbps in six of the eight non-rural markets, and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Vineland-Millville, NJ. AT&T has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in New York-Newark, NY-NJ, Northeast Pennsylvania, PA, Allentown-Bethlehem, PA-NJ, New London-Norwich, CT, and New Jersey 3–Sussex and significant 5G-NR population coverage at speeds of 7/1 Mbps in Atlantic City, NJ, Vineland-Millville, NJ, and Massachusetts 2–Barnstable. Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in New York-Newark, NY-NJ, Northeast Pennsylvania, PA, and Allentown-Bethlehem, PA-NJ, significant 5G-NR population coverage at speeds of 7/1 Mbps in Atlantic City, NJ and Massachusetts 2–Barnstable, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in New Jersey 3–Sussex, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in New London-Norwich, CT and Vineland-Millville, NJ.[152] In addition, DISH has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in New York-Newark, NY-NJ and Northeast Pennsylvania, PA.[153]

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[150] In numerical order, the 12 CMAs are: CMA 1: New York-Newark, NY-NJ; CMA 56: Northeast Pennsylvania, PA; CMA 58: Allentown-Bethlehem, PA-NJ; CMA 134: Atlantic City, NJ; CMA 154: New London-Norwich, CT; CMA 228: Vineland-Millville, NJ; CMA 266: Glens Falls, NY; CMA 471: Massachusetts 2–Barnstable; CMA 552: New Jersey 3–Sussex; CMA 560: New York 2–Franklin; CMA 562: New York 4–Yates, and CMA 563: New York 5–Otsego.

[151] T-Mobile also holds 1,200 megahertz to 1,725 megahertz of mmW spectrum, while AT&T holds 1,100 megahertz in each CMA and Verizon Wireless holds 1,100 megahertz to 1,950 megahertz. Other licensees, including DISH, hold 100 megahertz to 1,000 megahertz.

[152] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has significant population and land area coverage in New York-Newark, NY-NJ and Allentown-Bethlehem, PA-NJ, significant population coverage and close-to-significant land area coverage in Northeast Pennysylvania, PA, significant population coverage in Atlantic City, NJ, New London-Norwich, CT, and Vineland-Millville, NJ, close-to-significant population coverage in New Jersey 3–Sussex, and has deployed its network to some extent in Massachusetts 2–Barnstable. Further, Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in New York-Newark, NY-NJ and

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44. In the four rural markets—Glens Falls, NY, New York 2–Franklin, New York 4–Yates, and New York 5–Otsego—T-Mobile is currently attributed with 179.8 megahertz to 410 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 116.5 megahertz from Auction 108 in these four markets, T-Mobile would hold a maximum of 410 megahertz of spectrum on a county-by-county basis post-auction.[154] Regarding the other nationwide service providers in these markets, AT&T holds 243 megahertz to 291 megahertz on a county-by-county basis, while Verizon Wireless holds 267 megahertz to 337 megahertz. In addition, DISH holds between 116 megahertz and 135 megahertz of spectrum. Finally, multiple other licensees hold between five megahertz to 24 megahertz of spectrum across these markets.

45. Regarding coverage, T-Mobile has significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in New York 4–Yates, significant 4G LTE population coverage and close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps in New York 5–Otsego, and significant 4G LTE population coverage at speeds of 5/1 Mbps in Glens Falls, NY and New York 2–Franklin. AT&T and Verizon Wireless have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in Glens Falls, NY, New York 4–Yates, and New York 5–Otsego, while Verizon Wireless has significant 4G LTE population coverage and close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps in New York 2–Franklin, and AT&T has significant 4G LTE population coverage at speeds of 5/1 Mbps in New York 2–Franklin. Further, T-Mobile has significant 5G-NR population coverage and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in New York 4–Yates, significant 5G-NR population coverage at speeds of 7/1 Mbps in Glens Falls, NY, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in New York 5–Otsego, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in New York 2–Franklin. In addition, AT&T and Verizon Wireless each have close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in New York 4–Yates and have deployed their 5G-NR networks at speeds of 7/1 Mbps to some extent in the remaining three rural markets.[155] In addition, DISH has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in New York 4–Yates.[156]

46. Based on our evaluation of the factors ordinarily considered, including the fact that multiple licensees have access to spectrum, as well as the unique characteristics of this specific band and the overlay licenses offered in Auction 108, we find that the likelihood of competitive harm in these markets if we grant the license application is low. We find it highly unlikely that T-Mobile's auction winnings would allow it to foreclose entry, raise rivals' costs, or otherwise harm the public interest.

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Allentown-Bethlehem, PA-NJ, significant population coverage in Northeast Pennsylvania, PA and Atlantic City, NJ, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in the remaining four non-rural markets, while AT&T has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in all eight non-rural markets. In addition, DISH has deployed its 5G-NR network at speeds of 35/3 to some extent in New York-Newark, NY-NJ and Northeast Pennsylvania, PA.

[153] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} %, and Verizon Wireless holds {[ ]} % in these non-rural Northeast markets. No other service providers have a significant market share.

[154] T-Mobile also holds 700 megahertz to 1,525 megahertz of mmW spectrum, while AT&T holds 1,000 megahertz to 1,100 megahertz and Verizon Wireless holds 1,425 megahertz to 1,950 megahertz. Other licensees, including DISH, hold 100 megahertz to 1,000 megahertz.

[155] In terms of 5G-NR coverage at speeds of 35/3 Mbps, AT&T, T-Mobile, and Verizon Wireless have each deployed their network to some extent in all four rural Northeast markets. In addition, DISH has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in New York 4–Yates.

[156] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} %, and Verizon Wireless holds {[ ]} % in these rural Northeast markets. No other service providers have a significant market share.

47. *East South Central*. There are nine CMAs in the East South Central of the United States that trigger the initial spectrum screen.[157] Three of these CMAs—Birmingham, AL, Nashville-Davidson, TN, and Clarksville-Hopkinsville, TN-KY—are non-rural markets with populations ranging from approximately 293,000 to 1.8 million, and with population densities of 232 to 443 people per square mile. The other six CMAs—Alabama 3–Lamar, Alabama 4–Bibb, Alabama 6–Washington, Kentucky 2–Union, Kentucky 7–Trimble, and Kentucky 8–Mason—are rural markets with populations ranging from approximately 107,000 to 213,000, and population densities of 19 to 86 people per square mile.

48. In the three non-rural markets—Birmingham, AL, Nashville-Davidson, TN, and Clarksville-Hopkinsville, TN-KY—T-Mobile is currently attributed with 376.5 megahertz to 439.2 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 23.5 megahertz from Auction 108, T-Mobile would hold a maximum of 439.2 megahertz of spectrum on a county-by-county basis post-auction. [158] Regarding the other nationwide service providers in these markets, AT&T holds 255 megahertz to 315 megahertz on a county-by-county basis, while Verizon Wireless holds 277 megahertz to 287 megahertz. In addition, DISH holds between 131 megahertz and 141 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 20 megahertz of spectrum across these markets.

49. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in these three markets.[159] Further, AT&T, T-Mobile, and Verizon Wireless all have significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in these non-rural markets.[160] In addition, DISH has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Nashville-Davidson, TN, significant 5G-NR population coverage at speeds of 7/1 Mbps in Clarksville-Hopkinsville, TN-KY, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Birmingham, AL.[161]

50. In the six rural markets, T-Mobile is currently attributed with 223.5 megahertz to 420 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 116.5 megahertz from Auction 108 in these markets, T-Mobile would hold a maximum of

[157] In numerical order, the eight CMAs are: CMA 41: Birmingham, AL; CMA 46: Nashville-Davidson, TN; CMA 209: Clarksville-Hopkinsville, TN-KY; CMA 309: Alabama 3–Lamar; CMA 310: Alabama 4–Bibb; CMA 312: Alabama 6–Washington; CMA 444: Kentucky 2–Union; CMA 449: Kentucky 7–Trimble; and CMA 450: Kentucky 8–Mason.

[158] T-Mobile also holds 900 megahertz to 1,000 megahertz of mmW spectrum, while AT&T holds 1,000 to 1,100 megahertz and Verizon Wireless holds 1,750 to 1,850 megahertz. Other licensees, including DISH, hold 100 to 800 megahertz.

[159] We note that Southern Linc holds 9 megahertz of spectrum in Birmingham, AL where it has significant 4G LTE population and land area coverage at speeds of 5/1 Mbps.

[160] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has significant population and land area coverage in Nashville-Davidson, TN as well as significant population coverage in Birmingham, AL and Clarksville-Hopkinsville, TN-KY. Further, Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in Birmingham, AL and Nashville-Davidson, TN and significant 5G-NR population coverage at speeds of 35/3 Mbps in Clarksville-Hopkinsville, KY-TN, while AT&T has significant 5G-NR population coverage at speeds of 35/3 Mbps in Nashville-Davidson, TN and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Birmingham, AL and Clarksville-Hopkinsville, TN-KY. In addition, DISH has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in all three non-rural markets.

[161] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} %, and Verizon Wireless holds {[ ]} % in these non-rural East South Central markets. No other service providers have a significant market share.

420 megahertz of spectrum on a county-by-county basis post-auction.[162] Regarding the other nationwide service providers in these markets, AT&T holds 220 megahertz to 320 megahertz on a county-by-county basis, while Verizon Wireless holds 227 megahertz to 362 megahertz. In addition, DISH holds between 101 megahertz and 141 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 60 megahertz of spectrum across these markets.

51. Regarding coverage, AT&T and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in these six rural markets. T-Mobile has significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in Kentucky 2–Union, Kentucky 7–Trimble, and Kentucky 8–Mason, significant 4G LTE population coverage and close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps in Alabama 3–Lamar, significant 4G LTE population coverage at speeds of 5/1 Mbps in Alabama 4–Bibb, and close-to-significant 4G LTE population coverage at speeds of 5/1 Mbps in Alabama 6–Washington. Additionally, Pine Belt Wireless has significant 4G LTE land area coverage at speeds of 5/1 Mbps in Alabama 4–Bibb.[163] Further, T-Mobile has significant 5G-NR population coverage and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Kentucky 7–Trimble, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in Kentucky 2–Union and Kentucky 8–Mason, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in the remaining three rural markets, while AT&T has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Kentucky 2–Union, Kentucky 7–Trimble, and Kentucky 8–Mason, and significant 5G-NR population coverage at speeds of 7/1 Mbps in Alabama 6–Washington, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Alabama 3–Lamar, and Verizon Wireless has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Alabama 6–Washington, Kentucky 7–Trimble, and Kentucky 8–Mason.[164] In addition, DISH has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Kentucky 7–Trimble.[165]

52. Based on our evaluation of the factors ordinarily considered, including the fact that multiple licensees have access to spectrum, as well as the unique characteristics of this specific band and the overlay licenses offered in Auction 108, we find that the likelihood of competitive harm in these markets if we grant the license application is low. We find it highly unlikely that T-Mobile's auction winnings would allow it to foreclose entry, raise rivals' costs, or otherwise harm the public interest.

53. *South Atlantic*. There are 14 CMAs in the South Atlantic United States that trigger the initial spectrum screen.[166] Five of these CMAs—Atlanta, GA, Richmond, VA, Delaware 1–Kent,

[162] T-Mobile also holds 600 megahertz to 1,925 megahertz of mmW spectrum, while AT&T holds 1,000 to 1,100 megahertz and Verizon Wireless holds 1,000 to 2,450 megahertz. Other licensees, including DISH, hold 100 to 850 megahertz.

[163] We note that Southern Linc holds 9 megahertz of spectrum in Alabama 3–Lamar, Alabama 4–Bibb—where it has close-to-significant 4G LTE population coverage at 5/1 Mbps—and Alabama 6–Washington.

[164] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile deployed its network to some extent in all six rural markets. Further, AT&T has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in five of the six rural markets, while Verizon Wireless has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Kentucky 7–Trimble and Kentucky 8–Mason. In addition, DISH has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Kentucky 7–Trimble.

[165] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} %, and Verizon Wireless holds {[ ]} % in these rural East South Central markets. No other service providers have a significant market share.

[166] In numerical order, the 14 CMAs are: CMA 17: Atlanta, GA; CMA 59: Richmond, VA; CMA 359: Delaware 1–Kent; CMA 365: Florida 6–Dixie; CMA 366: Florida 7–Hamilton; CMA 367: Florida 8–Jefferson; CMA 372: Georgia 2–Dawson; CMA 374: Georgia 4–Jasper; CMA 375: Georgia 5–Haralson; CMA 376: Georgia 6–Spalding; CMA 383: Georgia 13–Early; CMA 631: South Carolina 7–Calhoun; CMA 689: Virginia 9–Greensville; and CMA 692: Virginia 12–Caroline.

Georgia 2–Dawson, and Georgia 5–Haralson—are non-rural markets with populations ranging from approximately 376,000 to 5.4 million, and with population densities of 191 to 1,236 people per square mile. The other nine CMAs—Florida 6–Dixie, Florida 7–Hamilton, Florida 8–Jefferson, Georgia 4–Jasper, Georgia 6–Spalding, Georgia 13–Early, South Carolina 7–Calhoun, Virginia 9–Greensville, and Virginia 12–Caroline—are rural markets with populations ranging from approximately 62,500 to 241,000, and population densities of 21 to 71 people per square mile.

54. In the five non-rural markets, T-Mobile is currently attributed with 282.7 megahertz to 399.2 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 116.5 megahertz from Auction 108, T-Mobile would hold a maximum of 420 megahertz of spectrum on a county-by-county basis post-auction.[167] Regarding the other nationwide service providers in these markets, AT&T holds 230 megahertz to 280 megahertz on a county-by-county basis, while Verizon Wireless holds 287 megahertz to 332 megahertz. In addition, DISH holds between 101 megahertz and 141 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 40 megahertz of spectrum on a county-by-county basis across these markets.

55. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in the five non-rural markets.[168] Further, T-Mobile has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in all five of the non-rural markets, Verizon Wireless has significant 5G-NR population and land coverage at speeds of 7/1 Mbps in Atlanta, GA, Richmond, VA, and Delaware 1–Kent, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in Georgia 2–Dawson, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Georgia 5–Haralson, and AT&T has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Atlanta, GA and Delaware 1–Kent, significant 5G-NR population coverage at speeds of 7/1 Mbps in Richmond, VA and Georgia 2–Dawson, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Georgia 5–Haralson.[169] In addition, DISH has significant 5G-NR population coverage and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Richmond, VA, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Atlanta, GA, Delaware 1–Kent, and Georgia 2–Dawson.[170]

56. In the nine rural markets, T-Mobile is currently attributed with 256.2 megahertz to 440 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 116.5 megahertz from Auction 108 in these nine markets, T-Mobile would hold a maximum

[167] T-Mobile also holds 800 megahertz to 1,625 megahertz of mmW spectrum, while AT&T holds 1,000 megahertz to 1,100 megahertz, and Verizon Wireless holds 1,200 megahertz to 1,850 megahertz. Other licensees, including DISH, hold 200 megahertz to 850 megahertz.

[168] We note that Southern Linc holds 7.5 megahertz of spectrum in Atlanta, GA, where it has close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps, as well as Georgia 2–Dawson and Georgia 5–Haralson.

[169] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has significant population and land area coverage in Atlanta, GA, significant population coverage in Richmond, VA, close-to-significant population coverage in Georgia 2–Dawson, and has deployed its network to some extent in Delaware 1–Kent and Georgia 5–Haralson. Further, Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in Atlanta, GA and Richmond, VA, significant 5G-NR population coverage at speeds of 35/3 Mbps in Delaware 1–Kent, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Georgia 2–Dawson and Georgia 5–Haralson, while AT&T has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in all five non-rural markets. In addition, DISH has significant 5G-NR population coverage at speeds of 35/3 Mbps in Richmond, VA, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Atlanta, GA and Delaware 1–Kent.

[170] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} % and Verizon Wireless holds {[ ]} % in these non-rural South Atlantic markets. No other service providers have a significant market share.

of 440 megahertz of spectrum on a county-by-county basis post-auction.[171] Regarding the other nationwide service providers in these markets, AT&T holds 223 megahertz to 305 megahertz on a county-by-county basis, while Verizon Wireless holds 267 megahertz to 347 megahertz. In addition, DISH holds between 101 megahertz and 131 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 50 megahertz of spectrum on a county-by-county basis across these markets.[172]

57. Regarding coverage, AT&T and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in all nine rural markets, while T-Mobile has significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in five of the nine markets, significant 4G LTE population coverage at speeds of 5/1 Mbps in Florida 6–Dixie, Florida 8–Jefferson, and Georgia 4–Jasper, and close-to-significant 4G LTE population coverage at speeds of 5/1 Mbps in Virginia 12–Caroline. Further, T-Mobile has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Georgia 6–Spalding and Virginia 9–Greensville, close-to-significant 5G-NR population coverage and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Florida 7–Hamilton, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in Florida 6–Dixie, Georgia 13–Early, and South Carolina 7–Calhoun, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Florida 8–Jefferson, Georgia 4–Jasper, and Virginia 12–Caroline. AT&T has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Florida 7–Hamilton and Georgia 13–Early, significant 5G-NR population coverage and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Florida 8–Jefferson, significant 5G-NR population coverage at speeds of 7/1 Mbps in Florida 6–Dixie, Georgia 4–Jasper, South Carolina 7–Calhoun, and Virginia 12–Caroline, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Georgia 6–Spalding and Virginia 9–Greensville, while Verizon Wireless has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in eight of the nine rural markets.[173] In addition, DISH has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Virginia 9–Greensville.[174]

58. Based on our evaluation of the factors ordinarily considered, including the fact that multiple licensees have access to spectrum, as well as the unique characteristics of this specific band and the overlay licenses offered in Auction 108, we find that the likelihood of competitive harm in these markets if we grant the license application is low. We find it highly unlikely that T-Mobile's auction winnings would allow it to foreclose entry, raise rivals' costs, or otherwise harm the public interest.

59. *West South Central:* There are 14 CMAs in the West South Central United States that trigger the initial spectrum screen.[175] Three of these CMAs—Dallas-Fort Worth, TX, Little Rock, AR,

[171] T-Mobile also holds 600 megahertz to 1,525 megahertz of mmW spectrum, while AT&T holds 1,000 megahertz to 1,100 megahertz, and Verizon Wireless holds 1,200 megahertz to 2,450 megahertz. Other licensees, including DISH, hold 100 megahertz to 850 megahertz.

[172] We note that Southern Linc holds up to 7.5 megahertz of spectrum in Florida 8–Jefferson, Georgia 4–Jasper, Georgia 6–Spalding, Georgia 13–Early, and South Carolina 7–Calhoun.

[173] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has deployed its network to some extent in all nine rural markets, AT&T has deployed its network to some extent in eight of the nine rural markets, and Verizon Wireless has deployed its network to some extent in seven of the nine rural markets. In addition, DISH has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Virginia 9–Greensville.

[174] In terms of significant market share, T-Mobile holds {[ ]} % in Florida 6–Dixie, Florida 7–Hamilton, Florida 8–Jefferson, South Carolina 7–Calhoun, Virginia 9–Greensville, and Virginia 12–Caroline, and has some market presence in the remaining three markets with a market share of {[ ]} %. AT&T holds {[ ]} % across these nine rural South Atlantic markets, while Verizon Wireless holds {[ ]} %. No other service providers have a significant market share.

[175] In numerical order, the 14 CMAs are: CMA 9: Dallas–Fort Worth, TX; CMA 92: Little Rock, AR; CMA 112: Corpus Christi, TX; CMA 325: Arkansas 2–Marion; CMA 326: Arkansas 3–Sharp; CMA 329: Arkansas 6–Cleburne; CMA 330: Arkansas 7–Pope; CMA 331: Arkansas 8–Franklin; CMA 455: Louisiana 2–Morehouse; (continued….)

and Corpus Christi, TX—are non-rural markets with populations ranging from approximately 422,000 to 7.6 million, and with population densities of 237 to 909 people per square mile. The other 11 CMAs—Arkansas 2–Marion, Arkansas 3–Sharp, Arkansas 6–Cleburne, Arkansas 7–Pope, Arkansas 8–Franklin, Louisiana 2–Morehouse, Louisiana 3–De Soto, Louisiana 4–Caldwell, Texas 10–Navarro, Texas 19–Atascosa, and Texas 20–Wilson—are rural markets with populations of approximately 65,800 to 368,000, and population densities of 18 to 41 people per square mile.

60. In the three non-rural markets, T-Mobile is currently attributed with 406.5 megahertz to 450 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 23.5 megahertz from Auction 108, T-Mobile would hold a maximum of 450 megahertz of spectrum on a county-by-county basis post-auction.[176] Regarding the other nationwide service providers in these markets, AT&T holds 275 megahertz to 280 megahertz on a county-by-county basis, while Verizon Wireless holds 252 megahertz to 297 megahertz. In addition, DISH holds between 121 megahertz and 131 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 30 megahertz of spectrum on a county-by-county basis across these non-rural markets.

61. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in the three non-rural markets. Further, AT&T and T-Mobile each have significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in these three non-rural markets, while Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Dallas-Fort Worth, TX and Little Rock, AR and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Corpus Christi, TX.[177] In addition, DISH has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in all three non-rural markets.[178]

62. In the 11 rural markets—Arkansas 2–Marion, Arkansas 3–Sharp, Arkansas 6–Cleburne, Arkansas 7–Pope, Arkansas 8–Franklin, Louisiana 2–Morehouse, Louisiana 3–De Soto, Louisiana 4–Caldwell, Texas 10–Navarro, Texas 19–Atascosa, and Texas 20–Wilson—T-Mobile is currently attributed with 236 megahertz to 430 megahertz of spectrum on a county-by-county basis. With T-Mobile winning between zero megahertz and 116.5 megahertz from Auction 108 in these 11 markets, T-Mobile would hold a maximum of 442 megahertz on a county-by-county basis post-auction.[179]

(Continued from previous page)
CMA 456: Louisiana 3–De Soto; CMA 457: Louisiana 4–Caldwell; CMA 661: Texas 10–Navarro; CMA 670: Texas 19–Atascosa; and CMA 671: Texas 20–Wilson.

[176] T-Mobile also holds 600 megahertz to 1,725 megahertz of mmW spectrum, while AT&T holds 1,000 megahertz to 1,100 megahertz and Verizon Wireless holds 1,425 megahertz to 2,050 megahertz. Other licensees, including DISH, hold 200 megahertz to 1,000 megahertz.

[177] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile significant population coverage in all three non-rural markets and significant land area coverage in Dallas-Fort Worth, TX. AT&T has close-to-significant 5G-NR land area coverage at speeds of 35/3 Mbps in Dallas-Fort Worth, TX and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Little Rock, AR and Corpus Christi, TX. Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in Dallas-Fort Worth, TX and Little Rock, AR and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Corpus Christi, TX. In addition, DISH has significant 5G-NR population and land area coverage at speeds of 35/3 Mbps in Dallas-Fort Worth, TX and Corpus Christi, TX as well as significant 5G-NR population coverage at speeds of 35/3 Mbps and close-to-significant 5G-NR land area coverage at speeds of 35/3 Mbps in Little Rock, AR.

[178] According to December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} % and Verizon Wireless holds {[ ]} % in these non-rural West South Central markets. No other service providers have a significant market share.

[179] T-Mobile also holds 600 megahertz to 1,725 megahertz of mmW spectrum, while AT&T holds 1,000 megahertz to 1,100 megahertz, and Verizon Wireless holds 1,000 megahertz to 2,050 megahertz. Other licensees, including DISH, hold 100 megahertz to 1,025 megahertz.

Regarding the other nationwide service providers in these markets, AT&T holds 230 megahertz to 305 megahertz on a county-by-county basis, while Verizon Wireless holds 242 megahertz to 372 megahertz. In addition, DISH holds between 101 megahertz and 121 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz and 60 megahertz of spectrum across these 11 markets.[180]

63. Regarding coverage, AT&T and Verizon Wireless each have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in these 11 markets. T-Mobile has significant 4G LTE population coverage at speeds of 5/1 Mbps in Arkansas 6–Cleburne, Arkansas 7–Pope, Arkansas 8–Franklin, Louisiana 2–Morehouse, Louisiana 3–De Soto, Texas 19–Atascosa, and Texas 20–Wilson, and close-to-significant 4G LTE population coverage at speeds of 5/1 Mbps in Arkansas 2–Marion, Arkansas 3–Sharp, and Louisiana 4–Caldwell. T-Mobile also has significant 4G LTE land area coverage at speeds of 5/1 Mbps in Arkansas 6–Cleburne and Louisiana 2–Morehouse, and close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps in Arkansas 3–Sharp, Arkansas 7–Pope, Arkansas 8–Franklin, Texas 10–Navarro, and Texas 20–Wilson. Further, T-Mobile has significant 5G-NR population coverage at speeds of 7/1 Mbps in Arkansas 6–Cleburne, Texas 19–Atascosa, and Texas 20–Wilson, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in Arkansas 7–Pope, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in the remaining seven markets. AT&T has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Arkansas 3–Sharp, Arkansas 6–Cleburne, Louisiana 2–Morehouse, Louisiana 4–Caldwell, Texas 19–Atascosa, and Texas 20–Wilson, significant 5G-NR population coverage and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Arkansas 8–Franklin, significant 5G-NR population coverage at speeds of 7/1 Mbps in Arkansas 7–Pope, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in Arkansas 2–Marion, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in the remaining two markets. Verizon Wireless has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps in Arkansas 6–Cleburne, close-to-significant 5G-NR population coverage at speeds of 7/1 Mbps in Arkansas 7–Pope, and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Arkansas 2–Marion, Arkansas 3–Sharp, Arkansas 8–Franklin, Louisiana 4–Caldwell, Texas 10–Navarro, and Texas 19–Atascosa.[181] In addition, DISH has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Arkansas 6–Cleburne, Texas 19–Atascosa, and Texas 20–Wilson.[182]

64. Based on our evaluation of the factors ordinarily considered, including the fact that multiple licensees have access to spectrum, as well as the unique characteristics of this specific band and the overlay licenses offered in Auction 108, we find that the likelihood of competitive harm in these markets if we grant the license application is low. We find it highly unlikely that T-Mobile's auction winnings would allow it to foreclose entry, raise rivals' costs, or otherwise harm the public interest.

[180] We note that Southern Linc holds up to 7 megahertz of spectrum in Louisiana 2–Morehouse and Louisiana 4–Caldwell.

[181] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has significant population coverage at speeds of 35/3 Mbps in Texas 19–Atascosa, and has deployed its network to some extent in the remaining ten rural markets. AT&T has close-to-significant 5G-NR population coverage at speeds of 35/3 Mbps in Texas 20–Wilson, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in the remaining ten rural markets. Verizon Wireless has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Arkansas 2–Marion, Arkansas 3–Sharp, Arkansas 6–Cleburne, Arkansas 7–Pope, Arkansas 8–Franklin, and Texas 10–Navarro. In addition, DISH has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Arkansas 6–Cleburne, Texas 19–Atascosa, and Texas 20–Wilson.

[182] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} % in seven of these rural West South Central markets and has some market presence in Arkansas 3–Sharp, Arkansas 8–Franklin, and Louisiana 3–De Soto, with market shares of {[ ]} %. AT&T holds {[ ]} % while Verizon Wireless holds {[ ]} % in these rural West South Central markets. No other service providers have a significant market share. Alta Communications has some market presence in Louisiana 3–De Soto with a market share of {[ ]} %.

65. *West*. There are eight CMAs in the West of the United States that trigger the initial spectrum screen.[183] Five of these CMAs—Salt Lake City-Ogden, UT, Oxnard-Simi Valley-Ventura, CA, Fresno, CA, Santa Rosa-Petaluma, CA, and Salinas-Seaside-Monterey, CA—are non-rural markets with populations ranging from approximately 439,000 to 1.9 million, and with population densities of 133 to 457 people per square mile. The other three CMAs—Arizona 1–Mohave, California 6–Mono, and Oregon 4–Lincoln—are rural markets with populations ranging from approximately 32,200 to 274,000, and with population densities of two to 69 people per square mile.

66. In the five non-rural markets, T-Mobile is currently attributed with 317 megahertz to 410 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 93 megahertz from Auction 108, T-Mobile would hold a maximum of 430 megahertz of spectrum on a county-by-county basis post-auction. Regarding the other nationwide service providers in these markets, AT&T holds 261 megahertz to 295 megahertz on a county-by-county basis, while Verizon Wireless holds 247 megahertz to 277 megahertz.[184] In addition, DISH holds between 125 megahertz and 135 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 30 megahertz of spectrum on a county-by-county basis across these markets.

67. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population coverage at speeds of 5/1 Mbps in these five markets. In Fresno, CA, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE land area coverage at speeds of 5/1 Mbps, while in Salt Lake City-Ogden, UT and Santa Rosa-Petaluma, CA, AT&T and Verizon Wireless each have significant 4G LTE land area coverage at speeds of 5/1 Mbps, and in Salinas-Seaside-Monterey, CA, Verizon Wireless has significant 4G LTE land area coverage at speeds of 5/1 Mbps and AT&T has close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps. Further, AT&T, T-Mobile, and Verizon Wireless each have significant 5G-NR population coverage at speeds of 7/1 Mbps in all five markets, T-Mobile has close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Fresno, CA, AT&T has significant 5G-NR land area coverage at speeds of 7/1 Mbps in Salt Lake City-Ogden, UT and Fresno, CA and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Santa Rosa-Petaluma, CA, and Verizon Wireless has significant 5G-NR land area coverage at speeds of 7/1 Mbps in Fresno, CA and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps in Santa Rosa-Petaluma, CA.[185] In addition, DISH has significant 5G-NR population coverage at speeds of 7/1 Mbps in Salt Lake City-Ogden, UT and Fresno, CA.[186]

[183] In numerical order, the eight CMAs are: CMA 39: Salt Lake City-Ogden, UT; CMA 73: Oxnard-Simi Valley-Ventura, CA; CMA 74: Fresno, CA; CMA 123: Santa Rosa-Petaluma, CA; CMA 126: Salinas-Seaside-Monterey, CA; CMA 318: Arizona 1–Mohave; CMA 341: California 6–Mono; and CMA 609: Oregon 4–Lincoln.

[184] T-Mobile holds 1,000 megahertz to 1,400 megahertz of mmW spectrum, while AT&T holds 1,100 megahertz in each CMA, and Verizon Wireless holds 1,000 megahertz to 1,850 megahertz. Other licensees, including DISH, hold 100 megahertz to 850 megahertz.

[185] In terms of 5G-NR coverage at speeds of 35/3 Mbps, Verizon Wireless has significant population coverage in all five of these markets. T-Mobile has significant 5G-NR population coverage at speeds of 35/3 Mbps in Salt Lake City-Ogden, UT, Oxnard-Simi Valley-Ventura, CA, and Fresno, CA, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Santa Rosa-Petaluma, CA and Salinas-Seaside-Monterey, CA. AT&T has significant 5G-NR population coverage at speeds of 35/3 Mbps in Fresno, CA and Salinas-Seaside-Monterey, CA, close-to-significant 5G-NR population coverage at speeds of 35/3 Mbps in Oxnard-Simi-Valley-Ventura, CA, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Salt Lake City-Ogden, UT and Santa Rosa-Petaluma, CA. In addition, DISH has significant 5G-NR population coverage at speeds of 35/3 Mbps in Salt Lake City-Ogden, UT and close-to-significant 5G-NR population coverage at speeds of 35/3 Mbps in Fresno, CA.

[186] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} %, while AT&T holds {[ ]} % and Verizon Wireless holds {[ ]} % in these non-rural West markets. No other service providers have a significant market share.

68. In the three rural markets—Arizona 1–Mohave, California 6–Mono, and Oregon 4–Lincoln—T-Mobile is currently attributed with 283.5 megahertz to 420 megahertz of spectrum on a county-by-county basis. With T-Mobile's reported winnings of zero megahertz to 116.5 megahertz from Auction 108 in these three markets, T-Mobile would hold a maximum of 420 megahertz of spectrum on a county-by-county basis post-auction. Regarding the other nationwide service providers in these markets, AT&T holds 255 megahertz to 295 megahertz on a county-by-county basis, while Verizon Wireless holds 260 megahertz to 362 megahertz.[187] In addition, DISH holds between 111 megahertz and 121 megahertz of spectrum. Finally, multiple other licensees hold between 10 megahertz to 55 megahertz of spectrum across these three markets.

69. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population coverage at speeds of 5/1 Mbps in all three markets. Verizon Wireless has significant 4G LTE land area coverage at speeds of 5/1 Mbps in Arizona 1–Mohave and close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps in Oregon 4–Lincoln, while AT&T has close-to-significant 4G LTE land area coverage at speeds of 5/1 Mbps in Arizona 1–Mohave. Further, AT&T has significant 5G-NR population coverage at speeds of 7/1 Mbps in all three markets,[188] while T-Mobile has significant 5G-NR population coverage at speeds of 7/1 Mbps in Arizona 1–Mohave and Oregon 4–Lincoln and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in California 6–Mono, and Verizon Wireless has significant 5G-NR population coverage at speeds of 7/1 Mbps in Arizona 1–Mohave and has deployed its 5G-NR network at speeds of 7/1 Mbps to some extent in Oregon 4–Lincoln.[189]

70. Based on our evaluation of the factors ordinarily considered, including the fact that multiple licensees have access to spectrum, as well as the unique characteristics of this specific band and the overlay licenses offered in Auction 108, we find that the likelihood of competitive harm in these markets if we grant the license application is low. We find it highly unlikely that T-Mobile's auction winnings would allow it to foreclose entry, raise rivals' costs, or otherwise harm the public interest.

71. *Puerto Rico.* T-Mobile asserts that several benefits will arise from it deploying the 2.5 GHz licenses it won in Puerto Rico. It states that it will use those licenses to close the gaps in its existing coverage, which will allow for spectrum contiguity in areas where it was not possible before and would not be possible in the absence of these licenses.[190] Specifically, T-Mobile argues that it will be able to rationalize its holdings, improving its coverage and speeds, particularly in rural areas on the east and west coast of Puerto Rico.[191] T-Mobile asserts that it will eventually deploy an enhanced and expanded Home Internet service in Puerto Rico, enhancing consumer choice and competition in the in-home broadband market.[192] T-Mobile also asserts the other providers in Puerto Rico have sufficient spectrum to compete:

[187] T-Mobile also holds 900 megahertz to 1,425 megahertz of mmW spectrum, while AT&T holds 1,100 megahertz in each CMA and Verizon Wireless holds 1,425 megahertz to 1,850 megahertz. Other licensees, including DISH, hold 200 megahertz to 800 megahertz.

[188] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has significant population coverage in Arizona 1–Mohave and Oregon 4–Lincoln and has deployed its network to some extent in California 6–Mono. AT&T has significant 5G-NR population coverage at speeds of 35/3 Mbps in Arizona 1–Mohave and California 6–Mono, and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Oregon 4–Lincoln. Verizon Wireless has significant 5G-NR population coverage at speeds of 35/3 Mbps in Arizona 1–Mohave and has deployed its 5G-NR network at speeds of 35/3 Mbps to some extent in Oregon 4–Lincoln.

[189] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} % in Oregon 4–Lincoln and Arizona 1–Mohave, respectively, and has some market presence in California 6–Mono with a market share of {[ ]} %. AT&T holds {[ ]} % while Verizon Wireless holds {[ ]} % in these rural West markets. No other service providers have a significant market share.

[190] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 3.

[191] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 3.

[192] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 3.

that Liberty Mobile possesses a pop-weighted average of 164 megahertz of spectrum,[193] and América Móvil possesses a pop-weighted average of 144.9 megahertz and 425 megahertz of high-band spectrum. T-Mobile further states that DISH also holds a substantial amount of spectrum throughout both island regions.[194] According to T-Mobile, its winnings in Puerto Rico are limited to 4 counties in which it won 23.5 megahertz and 7 counties in which it won 6 megahertz (out of a total of 55 counties in Puerto Rico).[195] T-Mobile states that its spectrum holdings as a result of the grant of these licenses would not exceed 347.35 megahertz in any county, which, T-Mobile asserts, is a level of aggregation that the Commission has already approved for T-Mobile in a number of other counties in Puerto Rico.[196]

72. As the Commission has previously found, because of Puerto Rico's unique characteristics—its limited geographic scope and isolated nature—the relevant geographic market is not any individual CMA within Puerto Rico, but rather Puerto Rico as a whole.[197] Puerto Rico overall is a non-rural market with a population of approximately 3.3 million, and a population density of 956 people per square mile.[198] T-Mobile is currently attributed with 276.9 megahertz to 347.4 megahertz of spectrum on a county equivalent-by-county equivalent basis across Puerto Rico. With T-Mobile's reported winnings of zero megahertz to 23.5 megahertz from Auction 108, T-Mobile would hold a maximum of 347.4 megahertz of spectrum on a county equivalent-by-county equivalent basis post-auction.[199] The other nationwide service providers, AT&T and Verizon Wireless, do not operate in Puerto Rico. Instead, local providers América Móvil and Liberty Latin compete with T-Mobile: América Móvil holds 74 megahertz to 99 megahertz, while Liberty Latin holds 163 megahertz to 175 megahertz. In addition, DISH holds 91 megahertz of spectrum.[200] Finally, TerreStar holds 10 megahertz of spectrum.

73. Regarding coverage, América Móvil, Liberty Latin, and T-Mobile all have significant 4G LTE population and land area coverage at speeds of 5/1 Mbps in Puerto Rico. Further, Liberty Latin has significant 5G-NR population and land area coverage at speeds of 7/1 Mbps,[201] T-Mobile has significant

[193] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 5.

[194] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 4.

[195] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 6-7.

[196] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 7.

[197] *Applications of AT&T Inc. and Centennial Communications Corp. for Consent To Transfer Control of Licenses, Authorizations, and Spectrum Leasing Arrangements*, WT Docket No. 08-246, Memorandum Opinion and Order, 24 FCC Rcd 13915, 13934-35, para. 42 (2009); *see also Application of AT&T Mobility Puerto Rico Inc. and Worldcall Inc. for Consent To Assign Licenses*, WT Docket No. 14-206, Memorandum Opinion and Order, 30 FCC Rcd 9763, 9768-69, para. 12 (WTB 2015).

[198] As noted above, 3.7 GHz and 3.45 GHz spectrum are not available for use in Hawaii, Alaska, and the territories. In these areas, the total amount of suitable and available spectrum is 743 megahertz, and the associated spectrum screen trigger is 250 megahertz.

[199] T-Mobile also holds 2,000 megahertz of mmW spectrum, while América Móvil holds 425 megahertz and Liberty Latin holds 300 megahertz. Other licensees, including DISH, hold 400 megahertz to 1,400 megahertz.

[200] *But see Federal Communications Commission Establishes Docket for Petition for Declaratory Ruling and Proposed Assignment of Spectrum Licenses, Assets, and Customers of DISH Network Corporation to Liberty Latin America Ltd in Puerto Rico and the U.S. Virgin Islands*, GN Docket No. 24-55, Public Notice, DA 24-167 (WTB/OIA/OEA Feb. 23, 2024).

[201] In terms of 5G-NR coverage at speeds of 35/3 Mbps, Liberty Latin has significant population and land area coverage in Puerto Rico, T-Mobile has significant population coverage, and América Móvil has deployed its network to some extent.

5G-NR population coverage and close-to-significant 5G-NR land area coverage at speeds of 7/1 Mbps, and América Móvil has significant 5G-NR population coverage at speeds of 7/1 Mbps.[202]

74. As noted above, AT&T argues that T-Mobile's acquisition of the available unpaired mid-band spectrum in Puerto Rico will harm competition, and that T-Mobile holds significantly more mid-band spectrum than any of its rivals.[203] Based on our review of the licensing records in Puerto Rico, we find that the issuance of these specific Auction 108 licenses to T-Mobile would not materially change the spectrum landscape. The licenses issued in Auction 108 are a unique form of overlay licenses: in Channel Blocks 1 and 2, where T-Mobile won virtually all of its licenses in Puerto Rico, there was no available spectrum over 90% of the island, and in Mayaguez, on the westernmost part of the island, where spectrum was available, grant of these licenses would result in T-Mobile controlling 300.35 megahertz of relevant spectrum, up from 276.85 megahertz. Further, we note that other providers have been able to access 2.5 GHz spectrum in Puerto Rico: América Móvil leases several 2.5 GHz licenses in Puerto Rico,[204] and Aeronet Wireless Broadband, LLC won the majority of the Channel Block 1 licenses. Under these specific circumstances, and given the unique nature of the 2.5 GHz band, we conclude that issuing Auction 108 licenses to T-Mobile in Puerto Rico is unlikely to result in competitive harm.

75. *Hawaii.* T-Mobile asserts several benefits that will accrue from its deployment of the 2.5 GHz licenses it won in Auction 108 in Hawaii. First, it claims that grant of these licenses would make it possible for it to deploy 100 megahertz channels in parts of Hawaii, greatly enhancing network capacity and significantly increasing speed.[205] T-Mobile states that industry groups have noted that large channels of mid-band spectrum are indispensable to achieving the faster connections and lower latency that 5G promises.[206] T-Mobile further argues that due to the radio propagation characteristics, the extent of territory where T-Mobile's use of very wideband carriers is impacted by balkanized 2.5 GHz holdings is much broader than the region acquired by T-Mobile and therefore the benefits will extend beyond just the narrow geographic areas where T-Mobile obtained spectrum.[207] Moreover, T-Mobile asserts that it has already deployed Home Internet service in Hawaii, with availability covering over 83,000 locations as of June 30, 2022.[208]

76. T-Mobile asserts that in the four CMAs in Hawaii in which it won 2.5 GHz spectrum, the amount of T-Mobile's total attributable spectrum holdings upon grant of the licenses would be less than aggregate spectrum amounts already approved by the Commission to be held by T-Mobile in other parts of Hawaii.[209] T-Mobile argues that its winnings do not indicate competitive harm as competitors already possess sufficient spectrum to compete.[210] T-Mobile states that AT&T has an extensive operational

[202] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} % in the Puerto Rico market. América Móvil holds {[ ]} % while Liberty Latin holds {[ ]} %. No other service providers have a significant market share.

[203] *See supra* para. 16.

[204] *See* Spectrum Leasing Arrangements for Long Term *De Facto* Lease, Lease Identifiers L000023460-L000023468 (leasing EBS spectrum to Lessee Puerto Rico Telephone Company, Inc., (real party in interest America Móvil, S.A.B. de C.V.)).

[205] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 2.

[206] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 2.

[207] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 2.

[208] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 2. According to T-Mobile, this availability will increase in the Hawaiian Islands as more 2.5 GHz spectrum and facilities are brought on air. T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 2-3.

[209] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 6.

[210] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 6.

network and has between 125 and 145 megahertz of low- and mid-band spectrum as well as 1,100 megahertz of high-band spectrum.[211] T-Mobile further states that Verizon also serves Hawaii using between 97 and 107 megahertz of spectrum and between 1,100 and 1,850 megahertz of high-band spectrum.[212] Moreover, T-Mobile adds that DISH has over 90 megahertz of spectrum in Hawaii and 800 megahertz of high-band spectrum.[213]

77. AT&T asserts that in Hawaii's five counties, T-Mobile's post-auction attributable spectrum holdings would range from 277 to 390 megahertz.[214] AT&T argues that these attributable totals are particularly noteworthy because in Hawaii, unlike the continental United States, the current spectrum screen is only 250 megahertz.[215] AT&T maintains that unconditional grant of T-Mobile's acquisition of all the available unpaired mid-band spectrum in Hawaii will foreclose the opportunity for other providers to mount a competitive response unless and until either: (1) the Commission identifies, allocates, and auctions additional unpaired mid-band spectrum with licenses available in Hawaii; or (2) the Commission requires a divestiture as a competitive remedy.[216]

78. As described in Section II.E above, T-Mobile has voluntarily committed to divest 20 megahertz of its AWS-1, AWS-3, PCS, or 2.5 GHz band spectrum in each of the following two markets: Hawaii 1–Kauai (CMA 385) and Hawaii 2–Maui (CMA 386).[217]

79. There are two CMAs in Hawaii that trigger the spectrum screen as a result of increased spectrum aggregation.[218] Both of these CMAs—Hawaii 1–Kauai (CMA 385) and Hawaii 2–Maui (CMA 386)—are non-rural markets with populations of approximately 73,300 and 165,000, respectively, and with population densities of 118 and 140 people per square mile. In the two markets, T-Mobile is currently attributed with 233 megahertz to 346.5 megahertz of spectrum on a county-by-county basis. Taking into account both T-Mobile's reported winnings of zero megahertz to 69.5 megahertz from Auction 108, and the spectrum T-Mobile will be divesting, T-Mobile would hold a maximum of 350 megahertz of spectrum on a county-by-county basis post-auction.[219] Regarding the other nationwide service providers in these markets, AT&T holds 135 megahertz to 145 megahertz on a county-by-county basis, while Verizon Wireless holds 102 megahertz to 127 megahertz. In addition, DISH holds 91 megahertz of spectrum in both CMAs. Finally, multiple other licensees hold 10 megahertz of spectrum across these two markets. Regarding coverage, AT&T, T-Mobile, and Verizon Wireless each have significant 4G LTE population coverage at speeds of 5/1 Mbps in these two markets. Further, AT&T and T-Mobile have significant 5G-NR population coverage at speeds of 7/1 Mbps in both Hawaii markets,[220]

[211] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 4.

[212] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 4.

[213] T-Mobile Feb. 6, 2023 *Ex Parte* Letter at 4-5.

[214] Letter from Jessica B. Lyons, Assistant Vice President, Senior Legal Counsel, AT&T, to Marlene H. Dortch, FCC, ULS File No. 0010206629, at 2 (filed Jan. 12, 2024) (AT&T Jan. 12, 2024 Letter).

[215] AT&T Jan. 12, 2024 Letter at 2.

[216] AT&T Jan. 12, 2024 Letter at 3; *see also* AT&T Feb. 21, 2023 *Ex Parte* Letter at 1, 3; AT&T Apr. 4, 2023 Letter at 4; AT&T Petition to Deny at 1, 14.

[217] *See* T-Mobile Feb. 15, 2024 Letter, which is attached as Appendix B.

[218] In Honolulu, HI (CMA 50) and Hawaii 3–Hawaii (CMA 387), while T-Mobile won licenses, it did not increase its attributable spectrum holdings as a result of Auction 108.

[219] T-Mobile also holds 1,000 megahertz to 1,425 megahertz of mmW spectrum, while AT&T holds 1,100 megahertz in both CMAs and Verizon Wireless holds 1,000 megahertz to 1,850 megahertz. Other licensees, including DISH, hold 200 megahertz to 850 megahertz.

[220] In terms of 5G-NR coverage at speeds of 35/3 Mbps, T-Mobile has close-to-significant population coverage in Hawaii 1–Kauai and has deployed its network to some extent in Hawaii 2–Maui; AT&T has significant population

(continued….)

while Verizon Wireless has significant 5G-NR population coverage at speeds of 7/1 Mbps in Hawaii 2–Maui.[221]

80. Based on our review of the specific circumstances present in Hawaii, the factors ordinarily considered, and our adoption of the voluntary divestiture commitments in Hawaii 1–Kauai and Hawaii 2–Maui as a condition of the grant of T-Mobile's application, we find that the likelihood of competitive harm would be low in these two markets in which T-Mobile won additional attributable spectrum in Auction 108. We note that while T-Mobile holds substantial amounts of spectrum in these markets compared to the other significant mobile service providers, in Hawaii 2-Maui, for instance, after divesting 20 megahertz of spectrum, its holdings will increase by only 3.5 megahertz. We also note that multiple licensees have access to spectrum in these two markets and again point out the unique characteristics of this specific band and the overlay licenses offered in Auction 108. Based on the current record, and under these specific circumstances, we conclude that issuing the licenses to T-Mobile in the Hawaii markets that it won in Auction 108 is unlikely to allow T-Mobile to foreclose entry, raise rivals' costs, or otherwise harm the public interest.

81. Accordingly, we impose T-Mobile's voluntary divestiture commitments as a condition to our approval of T-Mobile's long-form application. Any applications for the transfer of Divestiture Assets must still be approved by the Commission as being in the public interest. As such—and consistent with T-Mobile's commitments—each entity to which spectrum is divested must receive no less than 10 megahertz of contiguous or paired spectrum, unless WTB finds in its discretion that transferring smaller blocks of spectrum would serve the public interest. Further, if T-Mobile's proposed divestiture involves a spectrum swap, the Commission will review spectrum aggregation in the other market or markets implicated by the proposed swap.

82. Upon application by T-Mobile to WTB, WTB may grant one or more extensions of the 12 month timeframe for the filing of application(s), not to exceed 60 days in the aggregate, to allow T-Mobile further time to dispose of the Divestiture Assets. To the extent the application(s) are not filed by the relevant date, or by any extended date allowed by WTB, WTB may require T-Mobile to transfer the Divestiture Assets—or what remains of the Divestiture Assets—to a divestiture trustee, as set forth in T-Mobile's commitments. T-Mobile is not permitted to return any licenses to the Commission in order to fulfill these conditions. T-Mobile's first quarterly report will be due three months from the issuance of its Auction 108 2.5 GHz licenses.

V. CONCLUSION

83. Based on our careful and thorough review, and taking into account the unique characteristics of this specific band and the overlay licenses offered in Auction 108, as well as our adoption of the voluntary divestiture commitment in Hawaii 1–Kauai and Hawaii 2–Maui as a condition of the grant of T-Mobile's application, we conclude that competitive harm resulting from the grant of this application is unlikely. Our examination of the record and our analysis of the particular markets at issue finds that granting this Auction 108 license application as conditioned would be unlikely to foreclose rival service providers from entering or expanding in these local markets, or give T-Mobile the ability to raise its rivals' costs significantly.

84. In addition, we find that certain public interest benefits are likely, such as increased network quality through the deployment of spectrum that is currently lying fallow, particularly in rural

(Continued from previous page)
coverage in Hawaii 1–Kauai and close-to-significant population coverage in Hawaii 2–Maui; and Verizon Wireless has significant population coverage in Hawaii 2–Maui.

[221] According to the December 2022 NRUF data, in terms of significant market share, T-Mobile holds {[ ]} % in Kauai and Maui, respectively. AT&T holds {[ ]} % in Kauai and Maui, respectively, while Verizon Wireless holds {[ ]} % in Kauai and Maui, respectively. No other service providers have a significant market share.

areas, and an improved customer experience. T-Mobile's use of the spectrum to deploy 5G and other advanced wireless services rapidly will benefit American consumers by promoting the provision of mid-band 5G services, meeting the increased demand for wireless data, and by expanding and improving advanced wireless service to rural areas where the 2.5 GHz band has been historically underused. We further find that assigning this 2.5 GHz spectrum to T-Mobile will allow it to support its fixed wireless in-home broadband offerings.

85. We also find that AT&T's petition does not contain specific allegations sufficient to show that AT&T will suffer competitive harm, or substantial or material questions of fact under section 309(d) and (e) with respect to T-Mobile's Auction 108 license application. While AT&T's subsequent *ex parte* letters raise specific concerns regarding Puerto Rico and parts of Hawaii, we note those concerns are unavailing given the unique circumstances of the 2.5 GHz overlay licenses that T-Mobile won in Puerto Rico and Hawaii, and taking into account T-Mobile's commitment in parts of Hawaii to divest spectrum, which we impose as a condition. Accordingly, we deny AT&T's petition. As we find that the public interest, convenience, and necessity will be served if T-Mobile's Auction 108 long-form application is granted, we will process its long-form application in accordance with the provisions of this Order and the Commission's rules.

86. As noted, we find competitive harm to be unlikely in this particular case given the record before us, applicable Commission precedent, and T-Mobile's spectrum divestiture commitment that we impose as a condition to our grant. We also recognize the Commission's statutory responsibility to promote economic opportunity and competition in designing systems of competitive bidding pursuant to section 309(j). To this end, we have separately solicited comment on AT&T's petition for rulemaking seeking to examine mid-band spectrum aggregation issues, and we have solicited comment more broadly on mobile spectrum holdings rules and policies.

VI. ORDERING CLAUSES

87. Accordingly, **IT IS ORDERED**, pursuant to sections 4(i), 4(j), and 309 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), (j), 309, and sections 0.21, 0.131, 0.271, 0.331, and 1.2108 of the Commission's rules, 47 CFR §§ 0.21, 0.131, 0.271, 0.331, 1.2108, that the Petition to Deny filed by AT&T Services, Inc. on November 7, 2022, **IS DENIED**.

88. **IT IS FURTHER ORDERED** that any grant of ULS File No. 0010206629 filed by T-Mobile License LLC on September 16, 2022, and amended on October 4, 2022, November 7, 2022, and February 1, 2023, shall be conditioned upon the implementation of the commitments as described above.

89. **IT IS FURTHER ORDERED**, pursuant to sections 4(i), 4(j), and 309 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), (j), 309, and sections 0.21, 0.131, 0.271, 0.331, and 1.2108 of the Commission's rules, 47 CFR §§ 0.21, 0.131, 0.271, 0.331, 1.2108, that the Request filed by Bloosurf, LLC on November 21, 2022, **IS DISMISSED**.

90. **IT IS FURTHER ORDERED** that the FCC Form 601 long-form application filed by T-Mobile License LLC, FCC File No. 0010206629, **SHALL BE PROCESSED** by the Wireless Telecommunications Bureau consistent with this Order and the Commission's rules.

91. This action is taken under delegated authority pursuant to sections 0.51, 0.131, 0.261, and 0.331 of the Commission's rules, 47 CFR §§ 0.51, 0.131, 0.261, 0.331.

FEDERAL COMMUNICATIONS COMMISSION

Joel Taubenblatt
Chief
Wireless Telecommunications Bureau

Giulia McHenry
Chief
Office of Economics and Analytics

APPENDIX A
LIST OF TRIGGERED MARKETS IN WHICH T-MOBILE WON ADDITIONAL ATTRIBUTABLE 2.5 GHz SPECTRUM

CMA	CMA Name	2020 Census Population	Population Density
1	New York-Newark, NY-NJ	17,664,761	4,519.6
3	Chicago, IL	8,445,866	2,275.8
9	Dallas-Fort Worth, TX	7,599,029	909.5
11	St. Louis, MO-IL	2,637,506	526.5
17	Atlanta, GA	5,370,765	1,235.6
39	Salt Lake City-Ogden, UT	1,882,838	201.3
41	Birmingham, AL	1,054,190	315.1
46	Nashville-Davidson, TN	1,817,304	443.1
56	Northeast Pennsylvania, PA	709,817	359.9
58	Allentown-Bethlehem, PA-NJ	861,889	588.2
59	Richmond, VA	1,120,304	519.6
73	Oxnard-Simi Valley-Ventura, CA	843,843	457.2
74	Fresno, CA	1,008,654	168.4
92	Little Rock, AR	720,054	243.1
112	Corpus Christi, TX	421,933	237.1
123	Santa Rosa-Petaluma, CA	488,863	309.4
126	Salinas-Seaside-Monterey, CA	439,035	133.4
134	Atlantic City, NJ	369,797	426.4
154	New London-Norwich, CT	268,555	395.2
169	Mayaguez, PR	193,364	760.6
196	Champaign-Urbana-Rantoul, IL	205,865	206.4
198	St. Cloud, MN	296,854	133.8
204	Aguadilla, PR	173,640	1,002.6
209	Clarksville-Hopkinsville TN-KY	292,817	232.2
228	Vineland-Millville, NJ	154,152	309.8
266	Glens Falls, NY	127,039	72.4
273	Kankakee, IL	107,502	158.6
304	Joliet, IL	52,533	124.3
309	Alabama 3–Lamar	116,264	18.7
310	Alabama 4–Bibb	135,191	29.1
312	Alabama 6–Washington	106,601	20.7
318	Arizona 1–Mohave	213,267	15.9
325	Arkansas 2–Marion	104,292	28.5
326	Arkansas 3–Sharp	106,751	32.8
329	Arkansas 6–Cleburne	116,084	40.6
330	Arkansas 7–Pope	130,174	36.3
331	Arkansas 8–Franklin	73,813	25.3

CMA	CMA Name	2020 Census Population	Population Density
341	California 6–Mono	32,211	2.4
359	Delaware 1–Kent	419,229	272.2
365	Florida 6–Dixie	77,538	34.7
366	Florida 7–Hamilton	143,323	63.6
367	Florida 8–Jefferson	62,500	21.4
372	Georgia 2–Dawson	506,087	191.1
374	Georgia 4–Jasper	154,751	45.0
375	Georgia 5–Haralson	376,063	192.3
376	Georgia 6–Spalding	241,312	71.0
383	Georgia 13–Early	157,606	41.2
385	Hawaii 1–Kauai	73,298	117.5
386	Hawaii 2–Maui	164,836	140.2
395	Illinois 2–Bureau	242,107	43.9
399	Illinois 6–Montgomery	193,920	44.8
400	Illinois 7–Vermilion	211,528	49.9
444	Kentucky 2–Union	125,376	41.9
449	Kentucky 7–Trimble	212,813	86.3
450	Kentucky 8–Mason	135,051	53.1
455	Louisiana 2–Morehouse	96,820	24.0
456	Louisiana 3–De Soto	142,852	29.3
457	Louisiana 4–Caldwell	65,784	18.5
471	Massachusetts 2–Barnstable	263,851	453.1
480	Michigan 9–Cass	302,559	104.9
552	New Jersey 3–Sussex	144,221	273.3
560	New York 2–Franklin	223,210	32.3
562	New York 4–Yates	352,503	98.9
563	New York 5–Otsego	393,021	75.8
592	Ohio 8–Clinton	185,439	75.8
609	Oregon 4–Lincoln	274,189	69.2
631	South Carolina 7–Calhoun	140,281	48.9
661	Texas 10–Navarro	368,016	39.2
670	Texas 19–Atascosa	252,915	18.2
671	Texas 20–Wilson	173,023	28.1
689	Virginia 9–Greensville	99,329	49.6
692	Virginia 12–Caroline	207,638	60.2
723	Puerto Rico 1–Rincon	15,187	1,062.9
724	Puerto Rico 2–Adjuntas	231,304	405.5
728	Puerto Rico 6–Vieques	8,249	160.8

APPENDIX B
T-MOBILE'S COMMITMENTS

February 15, 2024

VIA ELECTRONIC MAIL

Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street, NE
Washington, DC 20554

Re: T-Mobile License LLC, ULS File No. 0010206629

Dear Ms. Dortch:

In order to expedite the issuance of the 2.5 GHz licenses that T-Mobile License LLC ("T-Mobile") won in Auction 108 as part of the above-captioned application, the company hereby offers the following voluntary commitment:

> T-Mobile commits to divest by sale or swap 20 megahertz of AWS-1, AWS-3, PCS or 2.5 GHz spectrum (or any combination thereof) in no smaller than 10 megahertz blocks or paired 5 megahertz blocks (unless the Wireless Telecommunications Bureau (the "Bureau") in its discretion approves smaller blocks of spectrum) in both of the Hawaii 1 – Kauai (CMA385) – and Hawaii 2 – Maui (CMA 386) – CMAs (the "Divestiture Assets") to an unaffiliated entity. T-Mobile further commits to file the relevant FCC application(s) to assign or transfer the spectrum to be divested within 12 months of the issuance of the 2.5 GHz licenses to T-Mobile (the "Divestiture Term") unless the Bureau grants an extension upon a showing of good cause. Until the application(s) are filed, T-Mobile will provide the Bureau with quarterly progress reports. If the Divestiture Term expires without the filing of an application(s) to assign or transfer the 20 megahertz of spectrum, T-Mobile will irrevocably transfer the remaining required Divestiture Assets (as selected by T-Mobile) in amounts of no less than 10 megahertz or paired 5 megahertz blocks (unless the Bureau in its sole discretion approves smaller blocks of spectrum) to a Divestiture Trustee,[1] who will be solely responsible for accomplishing disposal of these remaining Divestiture Assets.[2]

[1] T-Mobile understands that the Divestiture Trustee will be subject to approval by the Bureau, whose approval shall not be unreasonably withheld.

[2] For the avoidance of doubt, proceeds from the Divestiture Trustee's sale of the remaining Divestiture Assets will revert to T-Mobile.

Please contact the undersigned for T-Mobile should you have any questions regarding the foregoing or should you require additional information.

Respectfully submitted,

/s/ Edward "Smitty" Smith

Edward "Smitty" Smith
Senior Vice President
Policy and Government Affairs
T-Mobile US, Inc.

cc: Joel Taubenblatt
Garnet Hanley
Susannah Larson
Susan Mort
Catherine Matraves

CERTIFICATE OF SERVICE

I, Peter Shroyer, certify that on this 15th day of February 2024, I have served* a copy of the foregoing Opposition on the following:

Jessica B. Lyons
Assistant Vice President – Senior Legal Counsel
AT&T Service, Inc.
1120 20th Street NW, Suite 1000
Washington, DC 20036
Jessica.lyons@att.com

/s/ *Peter Shroyer*
Peter Shroyer

* AT&T has consented to service by electronic mail

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Amendment of section 73.202(b), Table of	)	MB Docket No. 23-197
Allotments, FM Broadcast Stations (Puhi and	)	RM-11949
Kekaha, Hawaii)	)	RM-11973

REPORT AND ORDER

Adopted: February 26, 2024 **Released: February 26, 2024**

By the Assistant Chief, Audio Division, Media Bureau:

I. INTRODUCTION

1. The Audio Division has before it (1) a *Notice of Proposed Rulemaking* (*Notice*) issued in response to a Petition for Rulemaking (Petition) filed by SSR Communications, Inc. (SSR or Petitioner);[1] (2) Petitioner's Comments filed in response to the *Notice*;[2] (3) Counterproposal filed by Pacific Radio Group, Inc. (PRG);[3] (4) Petitioner's "Consolidated Reply Comments and Opposition to Counterproposals;"[4] and (5) various related pleadings.[5] No other comments or counterproposals were received in response to this proceeding. For the reasons discussed below, we grant the Petition by allotting an alternate channel at Puhi, Hawaii, and also grant the Counterproposal for a new allotment at Kekaha, Hawaii.

[1] *Puhi*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-592, 2023 WL 4446527 (MB July 7, 2023); *see also Radio Broadcasting Services*; *Puhi, Hawaii*, 88 FR 45377 (published July 17, 2023); Petition for Rulemaking of SSR Communications, Inc. (filed May 16, 2023). Petitioner concurrently filed a construction permit application for the new allotment. *See* FCC Application File No. 0000214869 (filed May 16, 2023) (Application).

[2] Comments of SSR Communications, Inc. (filed Aug. 14, 2023) (Comments).

[3] Counterproposal of Pacific Radio Group, Inc. (filed Aug. 28, 2023) (Counterproposal). On December 19, 2023, the Counterproposal was accepted as a new Petition for Rulemaking (RM–11973). *See Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3207, 2023 WL 8826668 (OMD Dec. 19, 2023) (*December Notice*).

[4] Consolidated Reply Comments and Opposition to Counterproposal, SSR Communications, Inc. (filed Sept. 12, 2023) (Reply). SSR submitted the Reply in response to two other counterproposals filed by PRG in substantially identical allotment cases. *See Notice*; *Lihue*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-591, 2023 WL 4446524 (MB July 7, 2023); *Koloa*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-590, 2023 WL 4446520 (MB July 7, 2023).

[5] In response to the *December Notice*, SSR filed a "Statement in Opposition to Counterproposals" reaffirming its interest in the Lihue, Koloa, and Puhi allotments, as originally filed. *See* Statement in Opposition to Counterproposals, SSR Communications, Inc. (filed Jan. 3, 2024) (Opposition Statement); *December Notice*; *Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3205, 2023 WL 8803780 (OMD Dec. 15, 2023); *Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3206, 2023 WL 8826666 (OMD Dec. 19, 2023). PRG then filed a "Reply to Statement in Opposition to Counterproposals" on January 16, 2024. *See* Reply to Statement in Opposition to Counterproposals, Pacific Radio Group, Inc. (filed Jan. 16, 2024) (Reply to Opposition Statement).

II. BACKGROUND

2. The *Notice* proposed the allotment of Channel 284A at Puhi, Hawaii, as the community's first local service under Priority (3).[6] Puhi is a census designated place (CDP) with a 2020 U.S. Census (Census) population of 3,380 persons.[7] Puhi has its own public charter school, community college, community cemetery, park, churches, and businesses that incorporate the "Puhi" name.[8]

3. In response to the *Notice*, Petitioner submitted timely comments reiterating its interest in the proposed allotment.[9] PRG timely filed a Counterproposal requesting the allotment of Channel 284C3 at Kekaha, Hawaii, in lieu of the allotment of Channel 284A at Puhi.[10] Kekaha is not incorporated but is listed in the Census as a CDP with a population of 3,715 persons.[11] PRG states that the allotment of Channel 284C3 at Kekaha as the community's first local service would result in a preferential arrangement of allotments because the proposed Kekaha facility would serve 73,298 persons within the projected 60 dBμ service contour in contrast to Petitioner's proposal which would provide 60 dBμ service to 64,144 persons.[12] PRG further states that its proposal would provide service to significant underserved areas within the proposed 60 dBμ allotment service area.[13] Concurrent with the Counterproposal, PRG filed a construction permit application[14] for the Kekaha allotment and certified that it will participate in a future FM auction, and if it is the winning bidder, it will construct the station promptly.

4. In its Reply, Petitioner acknowledges that the Counterproposal would result in service to slightly greater populations and seemingly would be preferred to SSR's proposal. However, Petitioner argues that the Counterproposal would violate the Commission's multiple ownership rules and therefore must be dismissed as defective.[15] Petitioner maintains that there is no reason for PRG to have filed a Counterproposal other than to delay Petitioner's proposals and that such action may not be treated as a *bona fide* expression of interest. Petitioner repeats these arguments in its Opposition Statement filed in response to the *December Notice*.[16]

5. In response to SSR's Opposition Statement, PRG argues that it is not barred from owning additional stations on the Island of Kauai because the requested allotments would be assigned to a non-

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[6] *See Notice*; *Revision of FM Assignment Policies and Procedures,* Second Report and Order, 90 FCC 2d 88 (1982) (*FM Allotment Priorities*). The FM allotment priorities are: (1) First fulltime aural service, (2) Second fulltime aural service, (3) First local service and (4) Other public interest matters. Co-equal weight is given to Priorities (2) and (3).

[7] *See* https://data.census.gov/all?q=Puhi,%20Hawaii.

[8] *See Notice*.

[9] *See* Comments.

[10] *See* Counterproposal.

[11] *See* https://data.census.gov/all?q=Kekaha%20CDP,%20Hawaii.

[12] Counterproposal at 2.

[13] *Id*.

[14] *See* FCC Application File No. 0000220006.

[15] *See* Reply (arguing that PRG already owns four full-service FM facilities on the island of Kauai and may not own any more FM stations without violating section 73.3555(a)(1)(iii) of the Commission's rules); 47 CFR § 73.3555(a)(1)(iii) (limiting ownership in a radio market with between 15 and 29 (inclusive) full-power, commercial and noncommercial radio stations, to not more than 6 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)).

[16] *See* Opposition Statement.

Nielson radio market where the number of stations that may be owned by a licensee is determined by the overlapping 70 dBμ contours of a proponent's stations.[17] Additionally, PRG states that the argument advanced by SSR deals with the "grantability" of the construction permit application filed by PRG, and does not address the "acceptability" of PRG's allotment request contained in the Counterproposal.[18] PRG argues that the instant proceeding is at the allotment stage, not the construction permit stage, and all that is being examined is whether PRG's Counterproposal will provide for a preferential arrangement of allotments.[19]

III. DISCUSSION

6. Generally, conflicting proposals are considered on a comparative basis consistent with the FM allotment priorities where no alternate channels are available.[20] In this instance, however, we have determined that there are alternate channels available to accommodate the Puhi and Kekaha allotment requests without the need for a comparative evaluation.[21] Specifically, a staff engineering analysis has revealed that Channel 280A can be allotted at Puhi in lieu of Channel 284A, which was proposed in the *Notice*. We find that the public interest would be served by allotting Channel 280A as a first local service to the community.[22] Because the conflict between the Puhi and Kekaha proposals is eliminated with the allotment of Channel 280A at Puhi, we find that the public interest also would be served by allotting Channel 298C3 at Kekaha as a first local service.[23] As discussed above, Kekaha is listed as a CDP in the Census, and thus satisfies a minimum requirement for being considered a community for allotment purposes.[24] Additionally, Kekaha has a post office, at least two charter schools, numerous retail establishments and restaurants, two banks, and grocery stores.

7. We reject Petitioner's argument that the Kekaha proposal should not be entertained because it would contravene the Commission's multiple ownership requirements.[25] It is established policy that we do not consider multiple ownership issues in conjunction with an allotment rulemaking proceeding. Rather, any

[17] Reply to Opposition Statement at 2-3.

[18] *Id*. at 2.

[19] *Id*. at 2-3.

[20] *See supra* note 6.

[21] *See*, *e.g*., *Pinewood, South Carolina,* Memorandum Opinion and Order, 5 FCC Rcd 7609 (1990) (explaining that the Commission may consider alternate channels suggested by the parties or by the Commission staff to resolve conflicts between mutually exclusive proposals). Additionally, the *Notice* in this proceeding alerts interested parties that the filing of a counterproposal may lead the Commission to allot a different channel than was requested in the Petition. *See Notice* at para. 5.

[22] A staff engineering analysis determines that Channel 280A at Puhi can be allotted consistent with the minimum distance separation requirements of the Commission's rules with a site restriction of 10.8 kilometers (6.7 miles) west of the community. The reference coordinates are 21-58-24 NL and 159-29-45 WL.

[23] A staff engineering analysis determines that Channel 298C3 at Kekaha can be allotted consistent with the minimum distance separation requirements of the Commission's rules with no site restriction. The reference coordinates are 22-02-00 NL and 159-38-00 WL. Additionally, the staff engineering analysis determined that the Kekaha proposal's distinct 60 dBu contour would provide a new aural service to 996 persons that are considered "underserved" by fewer than 5 full-time aural stations. Specifically, 968 persons would receive a 4th aural service, 19 persons would receive a 3rd aural service, and nine persons would receive a 5th aural service.

[24] *See Revision of FM Assignment Policies and Procedures*, Second Report and Order, 90 FCC 2d 88, 101, para. 33 (1982) (stating that the Commission has normally considered any incorporated place or any other place listed in the census reports as a community under section 307(b) of the Act).

[25] *See* 47 CFR § 73.3555(a)(1)(iii); Reply at 2-3; Opposition Statement at 2-3.

potential multiple ownership issues are addressed after the allotment is subject to competitive bidding and a construction permit application is filed.[26] We also reject Petitioner's argument that the Counterproposal does not represent a *bona fide* expression of interest.[27] PRG is an interested party in this proceeding in that it has filed a counterproposal suggesting a mutually exclusive use for the channel proposed for Puhi and submitted the required filing fee. PRG also has stated its intent in the Counterproposal to apply for the channel if it is allotted and, if authorized, to build a station promptly. This is sufficient for acceptance of the Counterproposal. Accordingly, and in light of the foregoing, we will grant the Petition by allotting Channel 280A at Puhi and the Counterproposal by allotting Channel 298C3 at Kekaha.

8. *Paperwork Reduction and Regulatory Flexibility*. The Commission has determined that the relevant provisions of the Regulatory Flexibility Act of 1980, as amended, do not apply to a rulemaking proceeding to amend the FM Table of Allotments, section 73.202(b) of the Commission's rules. This document does not contain information collection requirements subject to the Paperwork Reduction Act of 1995. In addition, therefore, it does not contain any proposed information collection burden "for small business concerns with fewer than 25 employees," pursuant to the Small Business Paperwork Relief Act of 2002.

IV. ORDERING CLAUSES

9. Accordingly, IT IS ORDERED, that pursuant to authority found in 47 U.S.C. sections 4(i), 5(c)(1), 303(g) and (r), and 307(b) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 155(c)(1), 303(g), (r), and 307(b) and sections 0.61, 0.204(b), and 0.283 of the Rules, 47 CFR §§ 0.61, 0.204(b), and 0.283, effective **April 11, 2024**, the FM Table of Allotments, 47 CFR § 73.202(b), IS AMENDED, with respect to the community listed below, to read as follows:

Community	Channel No.
Puhi, Hawaii	280A
Kekaha, Hawaii	298C3

10. The window period for filing applications for Channel 280A at Puhi, Hawaii, and Channel 298C3 at Kekaha, Hawaii will not be opened at this time. Instead, the issue of opening this allotment for filing will be addressed by the Commission in a subsequent order.

11. IT IS FURTHER ORDERED, that the Petition for Rulemaking, RM-11949, filed by SSR Communications, Inc., IS GRANTED to the extent indicated above.

12. IT IS FURTHER ORDERED, that the Counterproposal of Pacific Radio Group, Inc., subsequently accepted as RM-11973, IS GRANTED to the extent indicated above.

13. IT IS FURTHER ORDERED, that the Commission will send a copy of this *Report and Order* in a report to Congress and the Government Accountability Office pursuant to the Congressional Review Act, *see* 5 U.S.C. § 801(a)(1)(A).

[26] *See*, *e.g.*, *Detroit Lakes and Barnesville*, *Minnesota*, *and Enderlin*, *North Dakota,* Memorandum Opinion and Order, 17 FCC Rcd 25055 (MB Dec. 16, 2002).

[27] Reply at 2-3.

14. IT IS FURTHER ORDERED, that this proceeding IS TERMINATED.

15. For further information concerning this proceeding, contact Dana Bradford, Media Bureau, (202) 418-2700.

FEDERAL COMMUNICATIONS COMMISSION

Nazifa Sawez
Assistant Chief, Audio Division
Media Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Amendment of section 73.202(b), Table of	)	MB Docket No. 23-198
Allotments, FM Broadcast Stations (Koloa and	)	RM-11950
Waimea, Hawaii)	)	RM-11972

REPORT AND ORDER

Adopted: February 26, 2024 **Released: February 26, 2024**

By the Assistant Chief, Audio Division, Media Bureau:

I. INTRODUCTION

1. The Audio Division has before it (1) a *Notice of Proposed Rulemaking* (*Notice*) issued in response to a Petition for Rulemaking (Petition) filed by SSR Communications, Inc. (SSR or Petitioner);[1] (2) Petitioner's Comments filed in response to the *Notice*;[2] (3) Counterproposal filed by Pacific Radio Group, Inc. (PRG);[3] (4) Petitioner's "Consolidated Reply Comments and Opposition to Counterproposals;"[4] and (5) various related pleadings.[5] No other comments or counterproposals were received in response to this proceeding. For the reasons discussed below, we grant the Petition by allotting an alternate channel at Koloa, Hawaii, and also grant the Counterproposal for a new allotment at Waimea, Hawaii.

[1] *Koloa*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-590, 2023 WL 4446520 (MB July 7, 2023); *see also Radio Broadcasting Services*; *Koloa, Hawaii*, 88 FR 45376 (published July 17, 2023); Petition for Rulemaking of SSR Communications, Inc. (filed May 16, 2023). Petitioner concurrently filed a construction permit application for the new allotment. *See* FCC Application File No. 0000214870 (filed May 16, 2023) (Application).

[2] Comments of SSR Communications, Inc. (filed Aug. 14, 2023) (Comments).

[3] Counterproposal of Pacific Radio Group, Inc. (filed Aug. 28, 2023) (Counterproposal). On December 19, 2023, the Counterproposal was accepted as a new Petition for Rulemaking (RM–11972). *See Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3206, 2023 WL 8826666 (OMD Dec. 19, 2023) (*December Notice*).

[4] Consolidated Reply Comments and Opposition to Counterproposal, SSR Communications, Inc. (filed Sept. 12, 2023) (Reply). SSR submitted the Reply in response to two other counterproposals filed by PRG in substantially identical allotment cases. *See Notice*; *Lihue*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-591, 2023 WL 4446524 (MB July 7, 2023); *Puhi*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-592, 2023 WL 4446527 (MB July 7, 2023).

[5] In response to the *December Notice*, SSR filed a "Statement in Opposition to Counterproposals" reaffirming its interest in the Lihue, Koloa, and Puhi allotments, as originally filed. *See* Statement in Opposition to Counterproposals, SSR Communications, Inc. (filed Jan. 3, 2024) (Opposition Statement); *December Notice*; *Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3205, 2023 WL 8803780 (OMD Dec. 15, 2023); *Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3207, 2023 WL 8826668 (OMD Dec. 19, 2023). PRG then filed a "Reply to Statement in Opposition to Counterproposals" on January 16, 2024. *See* Reply to Statement in Opposition to Counterproposals, Pacific Radio Group, Inc. (filed Jan. 16, 2024) (Reply to Opposition Statement).

II. BACKGROUND

2. The *Notice* proposed the allotment of Channel 272A at Koloa, Hawaii, as the community's first local service under Priority (3).[6] Koloa is a census designated place (CDP) with a 2020 U.S. Census (Census) population of 2,231 persons.[7] Koloa has its own fire department, public library, at least seven local churches, a U.S. Post Office and zip code (96756), and numerous businesses and other organizations that incorporate the "Koloa" name.[8]

3. In response to the *Notice*, Petitioner submitted timely comments reiterating its interest in the proposed allotment.[9] PRG timely filed a Counterproposal requesting the allotment of Channel 272C3 at Waimea, Hawaii, in lieu of the allotment of Channel 272A at Koloa.[10] Waimea is not incorporated but is listed in the Census as a CDP with a population of 2,057 persons.[11] PRG states that the allotment of Channel 272C3 at Waimea as the community's first full-time service would result in a preferential arrangement of allotments because the proposed Waimea facility would serve 73,298 persons within the projected 60 dBμ service contour in contrast to Petitioner's proposal which would provide 60 dBμ service to 64,144 persons.[12] PRG further states that its proposal would provide service to significant underserved areas within the proposed 60 dBμ allotment service area.[13] Concurrent with the Counterproposal, PRG filed a construction permit application[14] for the Waimea allotment and certified that it will participate in a future FM auction, and if it is the winning bidder, it will construct the station promptly.

4. In its Reply, Petitioner acknowledges that the Counterproposal would result in service to slightly greater populations and seemingly would be preferred to SSR's proposal. However, Petitioner argues that the Counterproposal would violate the Commission's multiple ownership rules and therefore must be dismissed as defective.[15] Petitioner maintains that there is no reason for PRG to have filed a Counterproposal other than to delay Petitioner's proposals and that such action may not be treated as a *bona fide* expression of interest. Petitioner repeats these arguments in its Opposition Statement filed in response to the *December Notice*.[16]

5. In response to SSR's Opposition Statement, PRG argues that it is not barred from owning

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[6] *See Notice*; *Revision of FM Assignment Policies and Procedures,* Second Report and Order, 90 FCC 2d 88 (1982) (*FM Allotment Priorities*). The FM allotment priorities are: (1) First fulltime aural service, (2) Second fulltime aural service, (3) First local service and (4) Other public interest matters. Co-equal weight is given to Priorities (2) and (3).

[7] *See* https://data.census.gov/profile/Koloa_CDP,_Hawaii?.

[8] *See Notice*.

[9] *See* Comments.

[10] *See* Counterproposal.

[11] *See* https://data.census.gov/all?q=Waimea%20CDP%20(Kauai%20County),%20Hawaii.

[12] Counterproposal at 2.

[13] *Id*.

[14] *See* FCC Application File No. 0000220005.

[15] *See* Reply (arguing that PRG already owns four full-service FM facilities on the island of Kauai and may not own any more FM stations without violating section 73.3555(a)(1)(iii) of the Commission's rules); 47 CFR § 73.3555(a)(1)(iii) (limiting ownership in a radio market with between 15 and 29 (inclusive) full-power, commercial and noncommercial radio stations, to not more than 6 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)).

[16] *See* Opposition Statement.

additional stations on the Island of Kauai because the requested allotments would be assigned to a non-Nielson radio market where the number of stations that may be owned by a licensee is determined by the overlapping 70 dBμ contours of a proponent's stations.[17] Additionally, PRG states that the argument advanced by SSR deals with the "grantability" of the construction permit application filed by PRG, and does not address the "acceptability" of PRG's allotment request contained in the Counterproposal.[18] PRG argues that the instant proceeding is at the allotment stage, not the construction permit stage, and all that is being examined is whether PRG's Counterproposal will provide for a preferential arrangement of allotments.[19]

III. DISCUSSION

6. Generally, conflicting proposals are considered on a comparative basis consistent with the FM allotment priorities where no alternate channels are available.[20] In this instance, however, we have determined that there are alternate channels available to accommodate the Koloa and Waimea allotment requests without the need for a comparative evaluation.[21] Specifically, a staff engineering analysis has revealed that Channel 264A can be allotted at Koloa in lieu of Channel 272A, which was proposed in the *Notice*. We find that the public interest would be served by allotting Channel 264A as a first local service to the community.[22] Because the conflict between the Koloa and Waimea proposals is eliminated with the allotment of Channel 264A at Koloa, we find that the public interest also would be served by allotting Channel 224C3 at Waimea as a first local service in lieu of Channel 272C3, which was proposed in the Counterproposal.[23] As discussed above, Waimea is listed as a CDP in the Census, and thus satisfies a minimum requirement for being considered a community for allotment purposes.[24] Additionally, Waimea has other community indicia, including a number of businesses, three public schools, a fire station and a U.S. Post Office.

7. We reject Petitioner's argument that the Waimea proposal should not be entertained because it would contravene the Commission's multiple ownership requirements.[25] It is established policy that we do not consider multiple ownership issues in conjunction with an allotment rulemaking proceeding. Rather, any potential multiple ownership issues are addressed after the allotment is subject to competitive bidding

[17] Reply to Opposition Statement at 2-3.

[18] *Id*. at 2.

[19] *Id*. at 2-3.

[20] *See supra* note 6.

[21] *See*, *e.g*., *Pinewood, South Carolina,* Memorandum Opinion and Order, 5 FCC Rcd 7609 (1990) (explaining that the Commission may consider alternate channels suggested by the parties or by the Commission staff to resolve conflicts between mutually exclusive proposals). Additionally, the *Notice* in this proceeding alerts interested parties that the filing of a counterproposal may lead the Commission to allot a different channel than was requested in the Petition. *See Notice* at para. 5.

[22] A staff engineering analysis determines that Channel 264A at Koloa can be allotted consistent with the minimum distance separation requirements of the Commission's rules with a site restriction of 8.3 kilometers (5.2 miles) northwest of the community. The reference coordinates are 21-58-24 NL and 159-29-45 WL.

[23] A staff engineering analysis determines that Channel 224C3 at Waimea can be allotted consistent with the minimum distance separation requirements of the Commission's rules with no site restriction. The reference coordinates are 22-02-00 NL and 159-38-00 WL.

[24] *See Revision of FM Assignment Policies and Procedures*, Second Report and Order, 90 FCC 2d 88, 101, para. 33 (1982) (stating that the Commission has normally considered any incorporated place or any other place listed in the census reports as a community under section 307(b) of the Act).

[25] *See* 47 CFR § 73.3555(a)(1)(iii); Reply at 2-3; Opposition Statement at 2-3.

and a construction permit application is filed.[26] We also reject Petitioner's argument that the Counterproposal does not represent a *bona fide* expression of interest.[27] PRG is an interested party in this proceeding in that it has filed a counterproposal suggesting a mutually exclusive use for the channel proposed for Koloa and submitted the required filing fee. PRG also has stated its intent in the Counterproposal to apply for the channel if it is allotted and, if authorized, to build a station promptly. This is sufficient for acceptance of the Counterproposal. Accordingly, and in light of the foregoing, we will grant the Petition by allotting Channel 264A at Koloa and the Counterproposal by allotting Channel 224C3 at Waimea.

8. *Paperwork Reduction and Regulatory Flexibility*. The Commission has determined that the relevant provisions of the Regulatory Flexibility Act of 1980, as amended, do not apply to a rulemaking proceeding to amend the FM Table of Allotments, section 73.202(b) of the Commission's rules. This document does not contain information collection requirements subject to the Paperwork Reduction Act of 1995. In addition, therefore, it does not contain any proposed information collection burden "for small business concerns with fewer than 25 employees," pursuant to the Small Business Paperwork Relief Act of 2002.

IV. ORDERING CLAUSES

9. Accordingly, IT IS ORDERED, that pursuant to authority found in 47 U.S.C. sections 4(i), 5(c)(1), 303(g) and (r), and 307(b) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 155(c)(1), 303(g), (r), and 307(b) and sections 0.61, 0.204(b), and 0.283 of the Rules, 47 CFR §§ 0.61, 0.204(b), and 0.283, effective **April 11, 2024**, the FM Table of Allotments, 47 CFR § 73.202(b), IS AMENDED, with respect to the community listed below, to read as follows:

Community	**Channel No.**
Koloa, Hawaii	264A
Waimea, Hawaii	224C3

10. The window period for filing applications for Channel 264A at Koloa, Hawaii, and Channel 224C3 at Waimea, Hawaii will not be opened at this time. Instead, the issue of opening this allotment for filing will be addressed by the Commission in a subsequent order.

11. IT IS FURTHER ORDERED, that the Petition for Rulemaking, RM-11950, filed by SSR Communications, Inc., IS GRANTED to the extent indicated above.

12. IT IS FURTHER ORDERED, that the Counterproposal of Pacific Radio Group, Inc., subsequently accepted as RM-11972, IS GRANTED to the extent indicated above.

13. IT IS FURTHER ORDERED, that the Commission will send a copy of this *Report and Order* in a report to Congress and the Government Accountability Office pursuant to the Congressional Review Act, *see* 5 U.S.C. § 801(a)(1)(A).

[26] *See*, *e.g.*, *Detroit Lakes and Barnesville*, *Minnesota*, *and Enderlin*, *North Dakota,* Memorandum Opinion and Order, 17 FCC Rcd 25055 (MB Dec. 16, 2002).

[27] Reply at 2-3.

14. IT IS FURTHER ORDERED, that this proceeding IS TERMINATED.

15. For further information concerning this proceeding, contact Dana Bradford, Media Bureau, (202) 418-2700.

FEDERAL COMMUNICATIONS COMMISSION

Nazifa Sawez
Assistant Chief, Audio Division
Media Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Amendment of section 73.202(b), Table of	)	MB Docket No. 23-209
Allotments, FM Broadcast Stations (Lihue and	)	RM-11951
Princeville, Hawaii)	)	RM-11971

REPORT AND ORDER

Adopted: February 26, 2024 **Released: February 26, 2024**

By the Assistant Chief, Audio Division, Media Bureau:

I. INTRODUCTION

1. The Audio Division has before it (1) a *Notice of Proposed Rulemaking* (*Notice*) issued in response to a Petition for Rulemaking (Petition) filed by SSR Communications, Inc. (SSR or Petitioner);[1] (2) Petitioner's Comments filed in response to the *Notice*;[2] (3) Counterproposal filed by Pacific Radio Group, Inc. (PRG);[3] (4) Petitioner's "Consolidated Reply Comments and Opposition to Counterproposals;"[4] and (5) various related pleadings.[5] No other comments or counterproposals were received in response to this proceeding. For the reasons discussed below, we grant the Petition by allotting an alternate channel at Lihue, Hawaii, and also grant the Counterproposal for a new allotment at Princeville, Hawaii.

[1] *Lihue*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-591, 2023 WL 4446524 (MB July 7, 2023); *see also Radio Broadcasting Services*; *Lihue, Hawaii*, 88 FR 45126 (published July 14, 2023); Petition for Rulemaking of SSR Communications, Inc. (filed May 16, 2023). Petitioner concurrently filed a construction permit application for the new allotment. *See* FCC Application File No. 0000214886 (filed May 17, 2023) (Application).

[2] Comments of SSR Communications, Inc. (filed Aug. 15, 2023).

[3] Counterproposal of Pacific Radio Group, Inc. (filed Aug. 28, 2023) (Counterproposal). On December 15, 2023, the Counterproposal was accepted as a new Petition for Rulemaking (RM–11971). *See Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3205, 2023 WL 8803780 (OMD Dec. 15, 2023) (*December Notice*).

[4] Consolidated Reply Comments and Opposition to Counterproposal, SSR Communications, Inc. (filed Sept. 12, 2023) (Reply). SSR submitted the Reply in response to two other counterproposals filed by PRG in substantially identical allotment cases. *See Notice*; *Koloa*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-590, 2023 WL 4446520 (MB July 7, 2023); *Puhi*, *Hawaii*, Notice of Proposed Rulemaking, DA 23-592, 2023 WL 4446527 (MB July 7, 2023).

[5] In response to the *December Notice*, SSR filed a "Statement in Opposition to Counterproposals" reaffirming its interest in the Lihue, Koloa, and Puhi allotments, as originally filed. *See* Statement in Opposition to Counterproposals, SSR Communications, Inc. (filed Jan. 3, 2024) (Opposition Statement); *December Notice*; *Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3206, 2023 WL 8826666 (OMD Dec. 19, 2023); *Office of Managing Director's Bureau Reference Information Center Petition for Rulemakings Filed*, Public Notice, Report No. 3207, 2023 WL 8826668 (OMD Dec. 19, 2023). PRG then filed a "Reply to Statement in Opposition to Counterproposals" on January 16, 2024. *See* Reply to Statement in Opposition to Counterproposals, Pacific Radio Group, Inc. (filed Jan. 16, 2024) (Reply to Opposition Statement).

II. BACKGROUND

2. The *Notice* proposed the allotment of Channel 292A at Lihue, Hawaii, as a sixth local service and fourth FM commercial service under Priority (4).[6] Lihue is a census designated place (CDP) with a 2020 U.S. Census (Census) population of 8,004 persons.[7] Lihue has been determined to be a community for allotment purposes as it is currently served by five local services licensed to the community.[8]

3. In response to the *Notice*, Petitioner submitted timely comments reiterating its interest in the proposed allotment.[9] PRG timely filed a Counterproposal requesting the allotment of Channel 292C3 at Princeville, Hawaii, in lieu of the allotment of Channel 292A at Lihue.[10] Princeville is not incorporated but is listed in the Census as a CDP with a population of 2,157 persons.[11] PRG states that the allotment of Channel 292C3 at Princeville as the community's first full-time service would result in a preferential arrangement of allotments because Lihue already is well-served by three existing allotments.[12] PRG also states that the proposed Princeville facility would serve 73,298 persons within the projected 60 dBμ service contour in contrast to Petitioner's proposal which would provide 60 dBμ service to 58,215 persons.[13] PRG further states that its proposal would serve areas underserved by aural broadcast services.[14] Concurrent with the Counterproposal, PRG filed a construction permit application[15] for the Princeville allotment and certified that it will participate in a future FM auction, and if it is the winning bidder, it will construct the station promptly.

4. In its Reply, Petitioner acknowledges that the Counterproposal would result in service to slightly greater populations and seemingly would be preferred to SSR's proposal. However, Petitioner argues that the Counterproposal would violate the Commission's multiple ownership rules and therefore must be dismissed as defective.[16] Petitioner maintains that there is no reason for PRG to have filed a Counterproposal other than to delay Petitioner's proposals and that such action may not be treated as a *bona fide* expression of interest. Petitioner repeats these arguments in its Opposition Statement filed in response to the *December Notice*.[17]

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[6] *See Notice*; *Revision of FM Assignment Policies and Procedures,* Second Report and Order, 90 FCC 2d 88 (1982) (*FM Allotment Priorities*). The FM allotment priorities are: (1) First fulltime aural service, (2) Second fulltime aural service, (3) First local service and (4) Other public interest matters. Co-equal weight is given to Priorities (2) and (3).

[7] *See* https://data.census.gov/all?q=lihue,+hawaii.

[8] Lihue is currently served by noncommercial educational FM Stations KHJC and KIPL, and commercial FM Stations KQNG-FM, KFMN, and KJMQ.

[9] *See* Comments.

[10] *See* Counterproposal.

[11] *See* https://data.census.gov/all?q=Princeville%20CDP,%20Hawaii.

[12] Counterproposal at 1.

[13] *Id*. at 1-2.

[14] *Id*.

[15] *See* FCC Application File No. 0000220004.

[16] *See* Reply (arguing that PRG already owns four full-service FM facilities on the island of Kauai and may not own any more FM stations without violating section 73.3555(a)(1)(iii) of the Commission's rules); 47 CFR § 73.3555(a)(1)(iii) (limiting ownership in a radio market with between 15 and 29 (inclusive) full-power, commercial and noncommercial radio stations, to not more than 6 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)).

[17] *See* Opposition Statement.

5. In response to SSR's Opposition Statement, PRG argues that it is not barred from owning additional stations on the Island of Kauai because the requested allotments would be assigned to a non-Nielson radio market where the number of stations that may be owned by a licensee is determined by the overlapping 70 dBμ contours of a proponent's stations.[18] Additionally, PRG states that the argument advanced by SSR deals with the "grantability" of the construction permit application filed by PRG, and does not address the "acceptability" of PRG's allotment request contained in the Counterproposal.[19] PRG argues that the instant proceeding is at the allotment stage, not the construction permit stage, and all that is being examined is whether PRG's Counterproposal will provide for a preferential arrangement of allotments.[20]

III. DISCUSSION

6. Generally, conflicting proposals are considered on a comparative basis consistent with the FM allotment priorities where no alternate channels are available.[21] In this instance, however, we have determined that there are alternate channels available to accommodate the Lihue and Princeville allotment requests without the need for a comparative evaluation.[22] Specifically, a staff engineering analysis has revealed that Channel 296A can be allotted at Lihue in lieu of Channel 292A, which was proposed in the *Notice*. We find that the public interest would be served by allotting Channel 296A as the sixth local service to the community.[23] Because the conflict between the Lihue and Princeville proposals is eliminated with the allotment of Channel 296A at Lihue, we find that the public interest also would be served by allotting Channel 236C3 at Princeville as a first local service.[24] As discussed above, Princeville is listed as a CDP in the Census, and thus satisfies a minimum requirement for being considered a community for allotment purposes.[25] Additionally, Princeville has a post office, numerous retail establishments and restaurants, two banks, a grocery store, and a refuse transfer station that is restricted for Princeville residents.[26]

7. We reject Petitioner's argument that the Princeville proposal should not be entertained

[18] Reply to Opposition Statement at 2-3.

[19] *Id*. at 2.

[20] *Id*. at 2-3.

[21] *See supra* note 6.

[22] *See*, *e.g*., *Pinewood, South Carolina,* Memorandum Opinion and Order, 5 FCC Rcd 7609 (1990) (explaining that the Commission may consider alternate channels suggested by the parties or by the Commission staff to resolve conflicts between mutually exclusive proposals). Additionally, the *Notice* in this proceeding alerts interested parties that the filing of a counterproposal may lead the Commission to allot a different channel than was requested in the Petition. *See Notice* at para. 5.

[23] A staff engineering analysis determines that Channel 296A at Lihue can be allotted consistent with the minimum distance separation requirements of the Commission's rules with a site restriction of 2.5 kilometers (1.6 miles) north of the community. The reference coordinates are 22-00-00 NL and 159-21-00 WL.

[24] A staff engineering analysis determines that Channel 236C3 at Princeville can be allotted consistent with the minimum distance separation requirements of the Commission's rules with no site restriction. The reference coordinates are 22-12-00 NL and 159-30-00 WL.

[25] *See Revision of FM Assignment Policies and Procedures*, Second Report and Order, 90 FCC 2d 88, 101, para. 33 (1982) (stating that the Commission has normally considered any incorporated place or any other place listed in the census reports as a community under section 307(b) of the Act).

[26] *See* http://www.princeville.com.

because it would contravene the Commission's multiple ownership requirements.[27] It is established policy that we do not consider multiple ownership issues in conjunction with an allotment rulemaking proceeding. Rather, any potential multiple ownership issues are addressed after the allotment is subject to competitive bidding and a construction permit application is filed.[28] We also reject Petitioner's argument that the Counterproposal does not represent a *bona fide* expression of interest.[29] PRG is an interested party in this proceeding in that it has filed a counterproposal suggesting a mutually exclusive use for the channel proposed for Lihue and submitted the required filing fee. PRG also has stated its intent in the Counterproposal to apply for the channel if it is allotted and, if authorized, to build a station promptly. This is sufficient for acceptance of the Counterproposal. Accordingly, and in light of the foregoing, we will grant the Petition by allotting Channel 296A at Lihue and the Counterproposal by allotting Channel 236C3 at Princeville.

8. *Paperwork Reduction and Regulatory Flexibility*. The Commission has determined that the relevant provisions of the Regulatory Flexibility Act of 1980, as amended, do not apply to a rulemaking proceeding to amend the FM Table of Allotments, section 73.202(b) of the Commission's rules. This document does not contain information collection requirements subject to the Paperwork Reduction Act of 1995. In addition, therefore, it does not contain any proposed information collection burden "for small business concerns with fewer than 25 employees," pursuant to the Small Business Paperwork Relief Act of 2002.

IV. ORDERING CLAUSES

9. Accordingly, IT IS ORDERED, that pursuant to authority found in 47 U.S.C. sections 4(i), 5(c)(1), 303(g) and (r), and 307(b) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 155(c)(1), 303(g), (r), and 307(b) and sections 0.61, 0.204(b), and 0.283 of the Rules, 47 CFR §§ 0.61, 0.204(b), and 0.283, effective **April 11, 2024**, the FM Table of Allotments, 47 CFR § 73.202(b), IS AMENDED, with respect to the community listed below, to read as follows:

Community	**Channel No.**
Lihue, Hawaii	296A
Princeville, Hawaii	236C3

10. The window period for filing applications for Channel 296A at Lihue, Hawaii, and Channel 236C3 at Princeville, Hawaii will not be opened at this time. Instead, the issue of opening this allotment for filing will be addressed by the Commission in a subsequent order.

11. IT IS FURTHER ORDERED, that the Petition for Rulemaking, RM-11951, filed by SSR Communications, Inc., IS GRANTED to the extent indicated above.

12. IT IS FURTHER ORDERED, that the Counterproposal of Pacific Radio Group, Inc., subsequently accepted as RM-11971, IS GRANTED to the extent indicated above.

13. IT IS FURTHER ORDERED, that the Commission will send a copy of this *Report and Order* in a report to Congress and the Government Accountability Office pursuant to the Congressional Review

[27] *See* 47 CFR § 73.3555(a)(1)(iii); Reply at 2-3; Opposition Statement at 2-3.

[28] *See*, *e.g.*, *Detroit Lakes and Barnesville*, *Minnesota*, *and Enderlin*, *North Dakota,* Memorandum Opinion and Order, 17 FCC Rcd 25055 (MB Dec. 16, 2002).

[29] Reply at 2-3.

Act, *see* 5 U.S.C. § 801(a)(1)(A).

14. IT IS FURTHER ORDERED, that this proceeding IS TERMINATED.

15. For further information concerning this proceeding, contact Dana Bradford, Media Bureau, (202) 418-2700.

FEDERAL COMMUNICATIONS COMMISSION

Nazifa Sawez
Assistant Chief, Audio Division
Media Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	File No.: EB-FD-22-00033433
Air Voice Wireless, LLC	)	CD Acct. No.: 202432200003
	)	FRN: 0019466515
	)	
	)	

ORDER

Adopted: February 28, 2024 **Released: February 28, 2024**

By the Chief, Enforcement Bureau:

1. The Enforcement Bureau (Bureau) of the Federal Communications Commission (FCC or Commission) has entered into a Consent Decree to resolve its investigation into whether Air Voice Wireless, LLC (Air Voice) failed to provide Lifeline services to all qualifying low-income consumers in accord with Commission rules.[1] To settle this matter, Air Voice agrees to pay a $150,000 civil penalty to the United States Treasury. Air Voice also agrees to implement enhanced compliance measures. This action will help further the Commission's goal of providing qualified consumers opportunities and security that essential communications service brings, including being able to connect to jobs, family members, and emergency services.[2]

2. After reviewing the terms of the Consent Decree and evaluating the facts before us, we find that the public interest would be served by adopting the Consent Decree and terminating the referenced investigation regarding Air Voice's compliance with the Commission's rules governing the Lifeline[3], Emergency Broadband Benefit[4] and Affordable Connectivity Programs.[5]

3. In the absence of material new evidence relating to this matter, we do not set for hearing the question of Air Voice's basic qualifications to hold or obtain any Commission license or authorization.[6]

4. Accordingly, **IT IS ORDERED** that, pursuant to the authority delegated by sections 0.111 and 0.311 of the Commission's rules, 47 CFR §§ 0.111, 0.311, the attached Consent Decree **IS ADOPTED** and its terms incorporated by reference.

5. **IT IS FURTHER ORDERED** that the above-captioned matter **IS TERMINATED** in accordance with the terms of the attached Consent Decree**.**

[1] *See* 47 CFR §§ 54.405, 54.407.

[2] *See Lifeline and Link Up Reform and Modernization et al.*, Report and Order and Further Notice of Proposed Rulemaking, 27 FCC Rcd 6656, 6662-66, paras. 11-17 (2012); *see also* 47 CFR §§ 54.400-54.424.

[3] 47 CFR §§ 54.400-54.424; 47 U.S.C. §§ 214(e), 254(c).

[4] 47 CFR §§ 54.1600-54.1612; *see also* Consolidated Appropriations Act, 2021, Pub. L. No. 116-260, 134 Stat. 1182, 2129-63 (2020) (codified at 47 U.S.C. § 1752).

[5] 47 CFR §§ 54.1800-54.1814; *see also* Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, 135 Stat. 429 (2021) (codified at 47 U.S.C. § 1752, as modified by the Infrastructure Act).

[6] *See* 47 CFR § 1.93(b).

6. **IT IS FURTHER ORDERED** that a copy of this Order and Consent Decree shall be sent by first class mail and certified mail, return receipt requested to John T. Nakahata, Esq., HWG, 1919 M Street, Eight Floor, Washington DC 20036 and Lance Steinhart, Law Office of Lance J.M. Steinhart, P.C., 1725 Windward Concourse, Suite 150, Alpharetta, GA 30005.

FEDERAL COMMUNICATIONS COMMISSION

Loyaan A. Egal
Chief
Enforcement Bureau

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	File No.: EB-FD-22-00033433
Air Voice Wireless, LLC	)	CD Acct. No.: 202432200003
	)	FRN: 0019466515
	)	
	)	

CONSENT DECREE

1. The Enforcement Bureau of the Federal Communications Commission and Air Voice Wireless, LLC (Air Voice), by their authorized representatives, hereby enter into this Consent Decree for the purpose of terminating the Enforcement Bureau's investigation into whether Air Voice violated sections 54.405 and 54.407 of the Commission's rules in connection with its failure to provide Lifeline services to all qualifying low-income consumers. To resolve this matter, Air Voice agrees to implement a compliance plan and pay a $150,000.00 civil penalty.

I. DEFINITIONS

2. For the purposes of this Consent Decree, the following definitions shall apply:

(a) "ACP" means the Affordable Connectivity Program established by the Infrastructure Investment and Jobs Act[1] and subject to the ACP Rules, and any successor and/or similar program providing broadband benefits established by the Commission.

(b) "ACP Rules" means the Commission's rules at Title 47, Code of Federal Regulations, sections 54.1800-54.1814, section 1752 of the Infrastructure Investment and Jobs Act, and Commission orders related to the ACP, and as they may be amended and the rules of any successor and/or similar program providing broadband benefits established by the Commission.

(c) "Act" means the Communications Act of 1934, as amended.[2]

(d) "Adopting Order" means an order of the Bureau adopting the terms of this Consent Decree without change, addition, deletion, or modification.

(e) "Air Voice" or "Company" means Air Voice Wireless, LLC, and its subsidiaries, predecessors-in-interest, and successors-in-interest.

(f) "Bureau" means the Enforcement Bureau of the Federal Communications Commission.

(g) "CD Acct. No." means account number 202432200003, associated with payment obligations described in paragraph 19 of this Consent Decree.

(h) "Commission" and "FCC" mean the Federal Communications Commission and all of its bureaus and offices.

[1] Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, 135 Stat. 429 (2021) (codified at 47 U.S.C. § 1752, as modified by the Infrastructure Act).

[2] 47 U.S.C. § 151 *et seq.*

(i) "Communications Laws" means collectively, the Act, the Commission's rules, and the published and promulgated orders and decisions of the Commission to which Air Voice is subject by virtue of its business activities, including but not limited to the Lifeline Rules and ACP Rules.

(j) "Compliance Obligations" shall mean those obligations undertaken by Air Voice pursuant to paragraphs 13 through 18 of this Consent Decree.

(k) "Compliance Plan" means the compliance obligations, program, and procedures described in this Consent Decree at paragraphs 13 through 18.

(l) "Covered Employees" means all employees and agents of Air Voice who perform, supervise, oversee, manage the performance of, or otherwise conduct any duties that relate to Air Voice's responsibilities under the Lifeline Rules and ACP Rules.

(m) "EBB Program" means the Emergency Broadband Benefit Program established by the Consolidated Appropriations Act of 2021[3] and subject to the EBB Rules.

(n) "EBB Rules" means the Commission's rules at Title 47, Code of Federal Regulations, sections 54.1600-54.1612, section 904 of the Consolidated Appropriations Act of 2021, and Commission orders related to the EBB Program.

(o) "Effective Date" means the date by which both the Bureau and Air Voice have signed the Consent Decree and the Bureau has released an Adopting Order.

(p) "ETC" means eligible telecommunications carrier as defined in the Act.

(q) "Lifeline Compliance Plan" means the Compliance Plan filed by Air Voice Wireless with the Wireline Competition Bureau, the most recent version of which was approved on December 23, 2021, and any approved successor plan.

(r) "Lifeline Program" or "Lifeline" means the support mechanism commonly referred to as the Lifeline Program or the Low Income Program of the Universal Service Fund as established under 47 U.S.C. §§ 214(e) and 254(c) and that operates under the Lifeline Rules.

(s) "Lifeline Rules" mean the Commission's rules at Title 47, Code of Federal Regulations, sections 54.400-54.424, section 254 of the Act, and Commission orders related to the Lifeline Program, as they may be amended.

(t) "Investigation" means the investigation commenced by the Bureau in FILE No EB-FD-22-00033433 regarding whether Air Voice violated the Lifeline, EBB and ACP Rules.

(u) "Operating Procedures" means the written internal operating procedures and compliance policies established by Air Voice to implement the Compliance Plan.

(v) "Parties" means Air Voice and the Bureau, each of which is a "Party."

(w) "USAC" means the Universal Service Administrative Company, which serves as the administrator for the federal Universal Service Fund (USF) and the universal service programs, including Lifeline, and also administers the ACP.

(x) "USF" means the federal Universal Service Fund.

II. BACKGROUND

3. Lifeline is part of the federal Universal Service program and helps qualified consumers have the opportunities and security that essential communications service brings, including being able to

[3] Consolidated Appropriations Act, 2021, Pub. L. No. 116-260, 134 Stat. 1182, 2129-63 (2020) (codified at 47 U.S.C. § 1752).

connect to jobs, family members, and emergency services.[4] Lifeline service is provided by ETCs designated pursuant to the Act.[5] An ETC may seek and receive reimbursement from the USF for revenues it forgoes in providing the discounted services to eligible consumers in accordance with the Rules. Section 54.403(a) of the Commission's rules specifies that an ETC may receive up to $9.25 per month in Basic Support for each qualifying low-income consumer receiving Lifeline service meeting the Commission's minimum service standards, and up to an additional $25 per month in Enhanced Support if the qualifying low-income consumer resides on Tribal lands.[6]

4. The Commission's rules establish explicit requirements that ETCs must meet to receive Lifeline support reimbursements.[7] Section 54.407(b) of the Commission's rules provides that "[a]n eligible telecommunications carrier may receive Universal Service support reimbursement for each qualifying low-income consumer served."[8] Section 54.405(a) of the Commission's rules provides that all ETCs must make Lifeline available to all qualified low income consumers.[9] Section 54.407(d)(1) of the Commission's rules provides that in order to receive universal service support reimbursement, an officer of the subject ETC carrier must certify in each request for reimbursement, that the carrier is in compliance with all Lifeline program rules.[10]

5. Air Voice is a limited liability company formed in the State of Michigan on May 7, 1999.[11] Air Voice was acquired on December 30, 2021, by Vtel Holdings, LLC, which is wholly and directly owned by Henry Hung Do.[12] The Wireline Competition Bureau approved this transaction.[13] HTH Communications, LLC, which was founded by Mr. Do, operates and manages Air Voice, along with Mr. Do's other companies receiving ACP support: Cintex Wireless, LLC, and New Phone Wireless, LLC.[14] Air Voice has an FCC approved Lifeline Compliance Plan permitting it to participate in the Lifeline Program, the most recent revision of which was approved by the Wireline Competition Bureau on December 23, 2021.[15] Air Voice originally utilized the d/b/a "Feel Safe Wireless" in the states in which it is designated as an ETC for the purposes of participating in the Lifeline Program (CA, KY, MI,

[4] *See Lifeline and Link Up Reform and Modernization et al.*, Report and Order and Further Notice of Proposed Rulemaking, FCC Rcd 6656, 6662-66, paras. 11-17 (2012); *see also* 47 CFR §§ 54.400–54.422.

[5] 47 U.S.C. § 254(e) (providing that "only an eligible telecommunications carrier designated under section 214(e) of this title shall be eligible to receive specific Federal universal service support"); *see also id.* § 214(e) (prescribing the method by which carriers are designated as ETCs).

[6] 47 CFR § 54.403(a).

[7] *Id.* §§ 54.400–54.422.

[8] *Id.* § 54.407(b).

[9] *Id.* § 54.405(a).

[10] *Id.* § 54.407(d)(1).

[11] Response to Letter of Inquiry, from Lance J.M. Steinhart, P.C., to Fraud Division, FCC Enforcement Bureau, (March 15, 2022) (on file in EB-FD-22-00033433) (LOI Response).

[12] *Id.*

[13] *Id.*

[14] *Id*.

[15] *See The Wireline Competition Bureau Approves the Revised Compliance Plan of Air Voice Wireless,* Public Notice, 36 FCC Rcd 18,169 (WCB 2021). Air Voice is a non-facilities-based carrier and thus would not normally qualify as an ETC that can participate in the Lifeline Program. Section 214(e)(1)(A) of the Act requires that ETCs provide service over their own facilities, but in 2012 the Commission adopted a forbearance approach of that requirement for entities that have an approved Lifeline Compliance Plan. Commission approval of a Lifeline Compliance Plan permitted Air Voice to file for and receive designation as a Lifeline-only ETC in states in which it operated and which grant ETC designation. Such ETC designations in turn permit Air Voice to participate in the Commission's Lifeline Program.

MS, NY, OH, OK, PA, SC, and WI).[16] Beginning in February 2022, the Company began using the d/b/a name "AirTalk Wireless" on a rolling basis upon receipt of required regulatory approvals from the relevant states.[17] In addition to servicing Lifeline subscribers, Air Voice participated in the EBB Program and is a participating provider in the ACP.

6. Prior to its acquisition by Vtel Holdings and Mr. Do, from May 12, 2021, through at least December 9, 2021, Air Voice did not make Lifeline services available to all qualified consumers.[18] May 12, 2021, was the date on which providers could begin enrolling consumers in the Commission's EBB Program, which permitted qualifying consumers to obtain discounts on broadband services and providers to claim the amount of the discount, up to $50.00, for each qualifying EBB subscriber (or up to $75 for EBB subscribers on qualifying Tribal lands).[19] In establishing the EBB Program and in a May 11, 2021 Enforcement Advisory, the Commission made clear that Lifeline providers could not suggest that enrollment in the provider's EBB Program was necessary for obtaining or retaining the Lifeline discount.[20] Nevertheless, from May 12, 2021, to at least December 9, 2021, Air Voice used a web-based enrollment system developed by CGM, Inc. that would not permit a qualifying consumer to enroll and obtain Air Voice Lifeline services unless the consumer also consented to use their EBB Program benefit with Air Voice.[21] The former owner of the Company submitted monthly Lifeline reimbursements requests falsely certifying the Company was in compliance with all Lifeline rules for the months of May to December 2021.[22] This conduct violates section 54.405 of the Commission's rules, requiring ETCs to provide Lifeline services to all qualifying low-income consumers, and section 54.407 of the Commission's rules, requiring Lifeline providers, as a condition for receiving Lifeline support, to certify on each request for reimbursement that they are in compliance with all Lifeline Rules.

7. On December 30, 2021, Air Voice ownership was transferred to, and it began to be operated by, HTH Communications.[23] On December 31, 2021, the EBB Program ended and the ACP began accepting enrollments.[24] Air Voice continued as a participating provider in the ACP.[25] Sometime in February 2022, Air Voice began to use an in-house-developed, web-based enrollment program for Lifeline and ACP. For at least some time period between mid-February and late March 2022, when the issue was discovered by in-house personnel reviewing the program, the in-house developed enrollment program required consumers seeking only Lifeline services to initial consent to enroll or transfer their

[16] LOI Response, *supra*, note 11.

[17] *Id.*

[18] Information on file in Investigation EB-FD-22-00033433.

[19] *See Emergency Broadband Benefit Program Launch Date,* Public Notice, 36 FCC Rcd 7614 (WCB 2021).

[20] *See FCC Enforcement Advisory: Broadband Providers Participating in the Emergency Broadband Benefit Program Must Obtain Informed Subscriber Consent to Enroll And Require a Co-Pay for Connected Devices*, Public Notice, 16 FCC Rcd 8324 (EB 2021) ("To avoid misleading consumers, providers must avoid practices or marketing that may confuse consumers about the EBB Program, including but, not limited to: Not clearly distinguishing the process of signing up for EBB services from the process of signing up for, renewing, upgrading, or modifying other telecom services, including Lifeline services [and/or s]uggesting or implying that signing up for EBB services is required for obtaining or continuing other services, including Lifeline services.").

[21] Information on file in Investigation EB-FD-22-00033433.

[22] *Id*.

[23] LOI Response, *supra*, note 11.

[24] *Affordable Connectivity Program*, WC Docket No. 21-450, Report and Order and Further Notice of Proposed Rulemaking, 37 FCC Rcd 484, para. 5 (2022) (*Affordable Connectivity Program Order*).

[25] LOI Response, *supra*, note 11.

ACP benefits to Air Voice.[26] A consumer that did not initial their consent to enroll or transfer their ACP benefits to Air Voice could not complete Air Voice Lifeline enrollment during that period. Air Voice personnel stated that the consumers who chose the Lifeline-only enrollment did not have their ACP benefits transferred to Air Voice despite initialing their consent to do so.[27] The Bureau was unable to confirm this because the Company did not retain system logs for its in-house-developed enrollment system or other documentation of Lifeline-only ACP consents during the relevant period.[28] The Company nevertheless submitted a Lifeline reimbursement request certifying the Company was in compliance with all Lifeline rules for the month of March 2022. This conduct violates section 54.405 of the Commission's rules, requiring ETCs to provide Lifeline services to all qualifying low-income consumers, and section 54.407 of the Commission's rules, requiring Lifeline providers, as a condition for receiving Lifeline support, to certify on each request for reimbursement that they are in compliance with all Lifeline Rules.[29]

III. TERMS OF AGREEMENT

8. **Adopting Order**. The provisions of this Consent Decree shall be incorporated by the Bureau in an Adopting Order.

9. **Jurisdiction**. Air Voice agrees that the Bureau has jurisdiction over it and the matters contained in this Consent Decree and has the authority to enter into and adopt this Consent Decree.

10. **Effective Date; Violations**. The Parties agree that this Consent Decree shall become effective on the Effective Date as defined herein. As of the Effective Date, the Parties agree that this Consent Decree shall have the same force and effect as any other order of the Commission.

11. **Termination of Investigation**. In express reliance on the covenants and representations in this Consent Decree and to avoid further expenditure of public resources, the Bureau agrees to terminate the Investigation. In consideration for the termination of the Investigation, Air Voice agrees to the terms, conditions, and procedures contained herein. The Bureau further agrees that, in the absence of new material evidence, it will not use the facts developed in the Investigation through the Effective Date, or the existence of this Consent Decree, to institute any new proceeding on its own motion against Air Voice concerning the matters that were the subject of the Investigation, or to set for hearing the question of Air Voice's basic qualifications to be a Commission licensee or hold Commission licenses or authorizations based on the matters that were the subject of the Investigation.[30]

12. **Admissions**. Air Voice admits for the purpose of this Consent Decree and for Commission civil enforcement purposes, and in express reliance on the provisions of paragraph 11 herein, that paragraphs 6 and 7 contain a true and accurate description of the facts underlying the Investigation.

13. **Compliance Officer**. Within fifteen (15) calendar days after the Effective Date, Air Voice shall designate a senior corporate manager with the requisite corporate and organizational authority to serve as a Compliance Officer and to discharge the duties set forth below. Within ten (10) calendar days of that designation, Air Voice will notify the Enforcement Bureau of the name of the individual so

[26] 47 CFR § 54.1810(a)(3) ("[an ACP] participating provider shall not link enrollment in the Affordable Connectivity Program to some other action or information supplied to the provider for purposes other than the Affordable Connectivity Program, including but not limited to: … (ii) Suggesting or implying that signing up for ACP-supported services and devices is required for obtaining or continuing other services, including Lifeline-supported services.").

[27] Information on file in Investigation EB-FD-22-00033433.

[28] We note such a failure to retain documentation may violate the Commission's ACP rules. 47 CFR § 54.1811 ("[an ACP] participating provider shall maintain records to document compliance with all Commission requirements governing the Affordable Connectivity Program.").

[29] Information on file in Investigation EB-FD-22-00033433.

[30] *See* 47 CFR § 1.93(b).

designated and will advise the Enforcement Bureau upon any change in such designation.[31] The person designated as the Compliance Officer shall be responsible for developing, implementing, and administering the Compliance Plan and ensuring that Air Voice complies with the terms and conditions of the Compliance Plan and this Consent Decree. In addition to the general knowledge of the Communications Laws necessary to discharge his or her duties under this Consent Decree, the Compliance Officer shall have specific knowledge of the Lifeline Rules and ACP Rules prior to assuming his/her duties.

14. **Compliance Plan**. For purposes of settling the matters set forth herein, Air Voice agrees that it shall, within sixty (60) calendar days after the Effective Date, develop and implement a Compliance Plan designed to ensure future compliance with the Communications Laws and with the terms and conditions of this Consent Decree. With respect to the Lifeline Rules and ACP (as defined above, to include any successor or similar program established by the Commission in which Air Voice participates) Rules, Air Voice will implement, at a minimum, the following procedures:

(a) **Operating Procedures**. Within forty-five (45) calendar days after the Effective Date, Air Voice shall establish written Operating Procedures approved by the Compliance Officer that all Covered Employees must follow to help ensure Air Voice's compliance with the Lifeline Rules and ACP Rules. Air Voice's Operating Procedures shall include written internal procedures and policies specifically designed to ensure that it meets all Lifeline Rules and ACP Rules, the terms of its Lifeline Compliance Plan, now and as it may be revised, and the directions and guidance of all Commission and USAC advisories relating to Lifeline and ACP. Air Voice shall also develop a written Compliance Checklist that describes the steps that a Covered Employee must follow to ensure compliance with the Lifeline Rules and ACP Rules (Air Voice may develop separate Compliance Checklists for separate functions). Air Voice shall periodically, not less than annually, review and revise the written Operating Procedures and Compliance Checklist(s) as necessary to ensure they effectively address current operations and Commission rules and guidance. Air Voice will make copies of the Operating Procedures and Compliance Checklist(s) available for inspection upon the FCC's request.

(b) **Compliance Manual**. Within sixty (60) calendar days after the Effective Date, the Compliance Officer shall develop and distribute a written Compliance Manual to all Covered Employees. The Compliance Manual shall explain the Lifeline Rules and ACP Rules and set forth the Operating Procedures and Compliance Checklists (as described in subparagraph (a)) that Covered Employees shall follow to help ensure Air Voice's compliance with the Lifeline Rules and ACP Rules. The Manual shall include phone numbers for the USAC Hotline, the FCC's OIG Hotline, and the Compliance Hotline established by Air Voice that employees may use to report possible violations of the Lifeline Rules, the ACP Rules, Air Voice's Operating Procedures, or violations of its Lifeline Compliance Plan. The Manual shall also explain how to contact the Compliance Officer to report any such possible violations. Air Voice shall periodically, but not less than annually, review and revise the Compliance Manual as necessary to ensure that the information set forth therein remains current and accurate. Air Voice shall distribute the initial Compliance Manual and any revisions to the Compliance Manual promptly to all Covered Employees. Copies of the most recent updated Compliance Manual shall be available to all Covered Employees online. Air Voice will make copies of the Compliance Manual available for inspection upon the FCC's request.

[31] Notification shall be made to Meghan Ingrisano, Chief, Fraud Division, Enforcement Bureau, or her successor or designee, by e-mail at Meghan.Ingrisano@fcc.gov.

(c) **Compliance Training Program**. Air Voice shall establish and implement a Compliance Training Program on compliance with the Lifeline Rules and ACP Rules and the Operating Procedures, and the Compliance Checklists. As part of the Compliance Training Program, Covered Employees shall be advised of Air Voice's obligation under paragraph 15 to report any noncompliance with the Lifeline Rules and ACP Rules or with the terms of this Consent Decree and shall be instructed on how to disclose noncompliance to the Compliance Officer. All Covered Employees shall be trained pursuant to the Compliance Training Program within ninety (90) calendar days after the Effective Date, except that any person who becomes a Covered Employee at any time after the initial Compliance Training Program shall be trained within thirty (30) calendar days after the date such person becomes a Covered Employee. Air Voice shall repeat compliance training on an annual basis, and shall periodically, not less than annually, review and revise the Compliance Training Program as necessary to ensure that it remains current and complete and to enhance its effectiveness. Air Voice will make copies of all training materials available for inspection upon the FCC's request and shall retain documentation that Covered Employees have completed their training through online documentation of the Certificates of Completion. Air Voice will make copies of all compliance training materials available for inspection upon the FCC's request.

15. **Reporting Noncompliance**. Air Voice shall report any material noncompliance with the Lifeline Rules and ACP Rules or with the terms and conditions of this Consent Decree within fifteen (15) calendar days after discovery of such noncompliance. In determining whether such noncompliance is material, any close calls will be resolved in favor of reporting. Such reports shall include a detailed explanation of: (i) each instance of noncompliance; (ii) the steps that Air Voice has taken or will take to remedy such noncompliance; (iii) the schedule on which such remedial actions will be taken; and (iv) the steps that Air Voice has taken or will take to prevent the recurrence of any such noncompliance. All reports of noncompliance shall be submitted to Meghan Ingrisano, Chief, Fraud Division, Enforcement Bureau, Federal Communications Commission, 45 L Street NE, Washington, D.C. 20554, or her successor or designee, with a copy submitted electronically to Meghan.Ingrisano@fcc.gov; Mehrdad.Barikbin@fcc.gov; and Nicholas.Page@fcc.gov.

16. **Compliance Reports**. Air Voice shall file compliance reports with the Commission ninety (90) calendar days after the Effective Date, and twelve (12) months after the Effective Date.

(a) Each Compliance Report shall include a detailed description of Air Voice's efforts during the relevant period to comply with the terms and conditions of this Consent Decree and the Lifeline Rules and ACP Rules. In addition, each Compliance Report shall include a certification by the Compliance Officer, as an agent of and on behalf of Air Voice, stating that the Compliance Officer has personal knowledge that Air Voice: (i) has established and implemented the Compliance Plan; (ii) has utilized the written Operating Procedures since the implementation of the Compliance Plan; and (iii) is not aware of any instances of noncompliance with the terms and conditions of this Consent Decree, including the reporting obligations set forth in paragraph 15 of this Consent Decree.

(b) The Compliance Officer's certification shall be accompanied by a statement explaining the basis for such certification and shall comply with section 1.16 of the Rules and be subscribed to as true under penalty of perjury in substantially the form set forth therein.[32]

(c) If the Compliance Officer cannot provide the requisite certification, the Compliance Officer, as an agent of and on behalf of Air Voice, shall provide the Commission with a detailed explanation of the reason(s) why and describe fully: (i) each instance of

[32] 47 CFR § 1.16.

noncompliance; (ii) the steps that Air Voice has taken or will take to remedy such noncompliance, including the schedule on which proposed remedial actions will be taken; and (iii) the steps that Air Voice has taken or will take to prevent the recurrence of any such noncompliance, including the schedule on which such preventive action will be taken.

(d) All Compliance Reports shall be submitted to Meghan Ingrisano, Chief, Fraud Division, Enforcement Bureau, Federal Communications Commission, 45 L Street NE, Washington, D.C. 20554, or her successor or designee, with a copy submitted electronically to Meghan.Ingrisano@fcc.gov; Mehrdad.Barikbin@fcc.gov; and Nicholas.Page@fcc.gov.

17. **Remedies for Non-Compliance**. The FCC reserves its right to pursue violations of the terms of the Compliance Obligations, of the Lifeline Rules, and/or of the ACP Rules consistent with its authority under the Communications Act of 1934 ("Act").

(a) Violation of Lifeline Rules and/or ACP Rules.

i. If there is non-compliance with the Lifeline Rules or the ACP Rules, USAC may take action pursuant to its normal processing procedures, in accordance with FCC rules and orders and USAC procedures. Any such actions taken by USAC may be appealed as provided by the Universal Service Program rules as set forth in 47 CFR §§ 54.719 through 54.722.

ii. If there is material non-compliance with any provision of the Lifeline Rules or the ACP Rules, the FCC may also extend the Compliance Obligations as set forth in Paragraph 18. The failure to extend the Compliance Obligations under this paragraph shall not constitute a determination that Air Voice has complied with any or all of the Lifeline Rules and/or the ACP Rules.

(b) Violation of Compliance Obligations. The FCC may pursue the following remedies for material noncompliance with the Compliance Obligations (other than a violation of the Lifeline Rules or ACP Rules, for which remedies are separately provided for by subparagraph (a)):

i. Air Voice acknowledges and agrees that if Air Voice fails to materially comply with any Compliance Obligations, the FCC may treat such noncompliance in the same manner as the failure to comply with a rule promulgated by the Commission.

ii. Extension of the Compliance Obligations. If there is material non-compliance with any term of the Compliance Obligations, the FCC may extend the term of the Compliance Obligations as set forth in paragraph 18.

18. **Termination Date**. Unless stated otherwise, the requirements set forth in paragraphs 13 through 16 of this Consent Decree shall expire twelve (12) months after the Effective Date. If Air Voice does not materially comply with the Compliance Obligations and all Lifeline Rules and ACP Rules, as reasonably determined by the FCC, during the any twelve (12) month period prior to the aforementioned expiration date, the obligations set forth herein may be extended, in the discretion of the FCC, by an additional twelve (12) months.

19. **Civil Penalty**. Air Voice will pay a civil penalty to the United States Treasury in the amount of one hundred fifty thousand dollars ($150,000.00) within thirty (30) calendar days of the Effective Date.[33] Air Voice acknowledges and agrees that upon execution of this Consent Decree, the

[33] Of this total, one hundred thirty-three thousand, three hundred thirty-three dollars and thirty-three cents ($133,333.33) is attributable to Air Voice conduct prior to December 30, 2021, and sixteen thousand, six hundred sixty-six dollars and sixty-seven cents ($16,666.67) is attributable to Air Voice conduct after December 30, 2021.

Civil Penalty shall become a "Claim" or "Debt" as defined in 31 U.S.C. § 3701(b)(1).[34] Upon an Event of Default, all procedures for collection as permitted by law may, at the Commission's discretion, be initiated. Air Voice shall send electronic notification of payment to Meghan.Ingrisan@fcc.gov and Mehrdad.Barikbin@fcc.gov on the date said payment is made. Payment of the Civil Penalty must be made by credit card using the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/userLogin.do, ACH (Automated Clearing House) debit from a bank account, or by wire transfer from a bank account. The Commission no longer accepts Civil Penalty payments by check or money order. Below are instructions that payors should follow based on the form of payment selected:[35]

- Payment by wire transfer must be made to ABA Number 021030004, receiving bank TREAS/NYC, and Account Number 27000001. In the OBI field, enter the FRN(s) captioned above and the letters "FORF". In addition, a completed Form 159[36] or printed CORES form[37] must be faxed to the Federal Communications Commission at 202-418-2843 or e-mailed to RROGWireFaxes@fcc.gov on the same business day the wire transfer is initiated. Failure to provide all required information in Form 159 or CORES may result in payment not being recognized as having been received. When completing FCC Form 159 or CORES, enter the Account Number in block number 23A (call sign/other ID), enter the letters "FORF" in block number 24A (payment type code), and enter in block number 11 the FRN(s) captioned above (Payor FRN).[38] For additional detail and wire transfer instructions, go to https://www.fcc.gov/licensing-databases/fees/wire-transfer.
- Payment by credit card must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by credit card, log-in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" from the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the CD Acct. No. The bill number is the CD Acct. No. with the first two digits excluded (e.g., CD 1912345678 would be associated with FCC Bill Number 12345678). After selecting the bill for payment, choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.
- Payment by ACH must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by ACH, log in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" on the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the CD Acct. No. The bill number is the CD Acct. No. with the first two digits excluded (e.g., CD 1912345678 would be associated with FCC Bill Number 12345678). Finally, choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the correct Routing Number and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

[34] Debt Collection Improvement Act of 1996, Pub. L. No. 104-134, 110 Stat. 1321, 1358 (Apr. 26, 1996).

[35] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #1).

[36] FCC Form 159 is accessible at https://www.fcc.gov/licensing-databases/fees/fcc-remittance-advice-form-159.

[37] Information completed using the Commission's Registration System (CORES) does not require the submission of an FCC Form 159. CORES is accessible at https://apps.fcc.gov/cores/userLogin.do.

[38] Instructions for completing the form may be obtained at http://www.fcc.gov/Forms/Form159/159.pdf.

20. **Event of Default**. Air Voice agrees that an Event of Default shall occur upon the failure by Air Voice to pay the full amount of the Civil Penalty on or before the due date specified in this Consent Decree.

21. **Interest, Charges for Collection, and Acceleration of Maturity Date**. After an Event of Default has occurred under this Consent Decree, the then unpaid amount of the Civil Penalty shall accrue interest, computed using the U.S. Prime Rate in effect on the date of the Event of Default plus 4.75%, from the date of the Event of Default until payment in full. Upon an Event of Default, the then unpaid amount of the Civil Penalty, together with interest, any penalties permitted and/or required by the law, including but not limited to 31 U.S.C. § 3717 and administrative charges, plus the costs of collection, litigation, and attorneys' fees, shall become immediately due and payable, without notice, presentment, demand, protest, or notice of protest of any kind, all of which are waived by Air Voice.

22. **Waivers**. As of the Effective Date, Air Voice waives any and all rights it may have to seek administrative or judicial reconsideration, review, appeal or stay, or to otherwise challenge or contest the validity of this Consent Decree and the Adopting Order. Air Voice shall retain the right to challenge Commission interpretation of the Consent Decree or any terms contained herein. If either Party (or the United States on behalf of the Commission) brings a judicial action to enforce the terms of the Consent Decree or the Adopting Order, neither Air Voice nor the Commission shall contest the validity of the Consent Decree or the Adopting Order, and Air Voice shall waive any statutory right to a trial *de novo*. Air Voice hereby agrees to waive any claims it may otherwise have under the Equal Access to Justice Act[39] relating to the matters addressed in this Consent Decree.

23. **Severability**. The Parties agree that if any of the provisions of the Consent Decree shall be held unenforceable by any court of competent jurisdiction, such unenforceability shall not render unenforceable the entire Consent Decree, but rather the entire Consent Decree shall be construed as if not containing the particular unenforceable provision or provisions, and the rights and obligations of the Parties shall be construed and enforced accordingly.

24. **Invalidity**. In the event that this Consent Decree in its entirety is rendered invalid by any court of competent jurisdiction, it shall become null and void and may not be used in any manner in any legal proceeding.

25. **Subsequent Rule or Order**. The Parties agree that if any provision of the Consent Decree conflicts with any subsequent Rule or order adopted by the Commission (except an order specifically intended to revise the terms of this Consent Decree to which Air Voice does not expressly consent) that provision will be superseded by such Rule or order.

26. **Successors and Assigns**. Air Voice agrees that the provisions of this Consent Decree shall be binding on its successors, assigns, and transferees.

27. **Final Settlement**. The Parties agree and acknowledge that this Consent Decree shall constitute a final settlement between the Parties with respect to the Investigation.

28. **Modifications**. This Consent Decree cannot be modified without the advance written consent of both Parties.

29. **Paragraph Headings**. The headings of the paragraphs in this Consent Decree are inserted for convenience only and are not intended to affect the meaning or interpretation of this Consent Decree.

30. **Authorized Representative**. Each Party represents and warrants to the other that it has full power and authority to enter into this Consent Decree. Each person signing this Consent Decree on behalf of a Party hereby represents that he or she is fully authorized by the Party to execute this Consent Decree and to bind the Party to its terms and conditions.

[39] *See* 5 U.S.C. § 504; 47 CFR §§ 1.1501–1.1530.

31. **Counterparts**. This Consent Decree may be signed in counterpart (including electronically or by facsimile). Each counterpart, when executed and delivered, shall be an original, and all of the counterparts together shall constitute one and the same fully executed instrument.

_____
Loyaan A. Egal
Chief
Enforcement Bureau

_____
Date

_____
John T. Nakahata
Outside Counsel and Authorized Signatory
Air Voice Wireless, LLC

_____
Date

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-177
Released: February 26, 2024

ACCESSIBILITY RECORDKEEPING COMPLIANCE CERTIFICATION AND CONTACT INFORMATION REPORTING REQUIREMENTS

CG Docket No. 10-213

The Federal Communications Commission (FCC or Commission) reminds service providers and equipment manufacturers that are subject to section 255, 716, or 718 of the Communications Act of 1934, as amended (the Act),[1] of their obligation to maintain records of their efforts to implement these requirements.[2] The Commission also reminds these entities of their obligation to file their annual recordkeeping compliance certifications and required contact information no later than April 1, 2024,[3] in the Recordkeeping Compliance Certification and Contact Information Registry (RCCCI Registry), a web-based system designed to facilitate compliance with these obligations.[4]

To submit a recordkeeping compliance certification, or to enter or update contact information, please go to https://apps.fcc.gov/rccci-registry/. Additional guidance for filers is available at: https://www.fcc.gov/rccci-filing-instructions.

[1] 47 U.S.C. §§ 255, 617, 619; *see also* 47 CFR pts. 6, 7, 14. These provisions govern accessibility requirements for telecommunications services and equipment, advanced communications services and equipment, and Internet browsers built into mobile phones.

[2] 47 U.S.C. § 618(a)(5)(A); *see also* 47 CFR §§ 14.30(b), 14.31(a). At present, providers of, and manufacturers of equipment used for, interconnected VoIP services, non-interconnected VoIP services, and electronic messaging services must comply with the accessibility and usability requirements of Part 14. *Implementation of Sections 716 and 717 of the Communications Act of 1934, as Enacted by the Twenty-First Century Communications and Video Accessibility Act of 2010*; *Amendments to the Commission's Rules Implementing Sections 255 and 251(a)(2) of the Communications Act of 1934, as Enacted by the Telecommunications Act of 1996*, CG Docket Nos. 10-213 10-415, and WC Docket No. 96-198, Report and Order and Further Notice of Proposed Rulemaking, 26 FCC Rcd 14557 (2011). Providers of, and manufacturers of equipment used for, interoperable video conferencing services (IVCS) must comply with the requirements of Part 14 by September 3, 2024. *See Access to Video Conferencing; Implementation of Sections 716 and 717 of the Communications Act of 1934, as Enacted by the Twenty-First Century Communications and Video Accessibility Act of 2010*, CG Docket No. 23-161, Report and Order, Notice of Proposed Rulemaking, Order, FCC 23-50, para. 41 (2023). Further, in 2022, Congress amended "advanced communications services" to include audio and video communications services that are provided to people who are incarcerated, which the Commission refers to as Incarcerated People's Communications Services (IPCS). Martha Wright-Reed Just and Reasonable Communications Act of 2022, Pub. L. No. 117-338, 136 Stat. 6156; 47 U.S.C. §§ 152(b), 153(1)(E), 276(b)(1)(A), (d); *see also Incarcerated People's Communications Services; Implementation of the Martha Wright-Reed Act*; *Rates for Interstate Inmate Calling Services*, WC Docket Nos. 23-62, 12-375, Notice of Proposed Rulemaking and Order, FCC 23-19, paras. 75-77 (2023) (seeking comment on necessary changes to part 14 to implement the amended definition of ACS.). A Public Notice will be released at a later time to announce the effective date of the RCCCI filing requirement for IVCS and IPCS providers.

[3] 47 CFR § 14.31(b)(3).

[4] 47 U.S.C. § 618; *see also* 47 CFR § 14.31(b).

Accessible Formats. To request this Public Notice in accessible formats for people with disabilities (Braille, large print, electronic files, audio format), contact the Consumer and Governmental Affairs Bureau (CGB) at 202-418-0530 or by email to fcc504@fcc.gov.

Additional Information. For further information regarding this Public Notice, contact Robert McConnell, Disability Rights Office, CGB, at 202-769-0760 or by e-mail to Robert.McConnell@fcc.gov.

-FCC-

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-178
Released: February 27, 2024

FCC ANNOUNCES THE MEMBERSHIP AND FIRST MEETING OF THE TECHNOLOGICAL ADVISORY COUNCIL

This Public Notice serves as notice that, consistent with the Federal Advisory Committee Act,[1] Federal Communications Commission (FCC or Commission) Chairwoman Jessica Rosenworcel has appointed members to serve on the Technological Advisory Council (TAC). A full list of the current TAC membership is attached to this Public Notice. The TAC is comprised of a diverse group of leading technology experts. It provides technical expertise to the Commission to identify important areas of innovation and develop informed technology policies supporting the United States' competitiveness in the global economy. The TAC will consider and advise the Commission on topics such as continued efforts at looking beyond 5G advanced as 6G begins to develop so as to facilitate U.S. leadership; studying advanced spectrum sharing techniques, including the implementation of artificial intelligence and machine learning to improve the utilization and administration of spectrum; and other emerging technologies.

The next meeting of the TAC will be held on Tuesday, March 19, 2024 beginning at 10:00 am ET in the Commission Meeting Room of the Federal Communications Commission, 45 L Street, N.E., Washington, D.C. The public may attend the meeting in person at FCC headquarters at 45 L Street, NE, Washington, DC. Additionally, the meeting will be available to the public for viewing via the Internet at http://www.fcc.gov/live. While the TAC meeting is open to the public, the FCC headquarters building is not open access, and all guests must check in with and be screened by FCC security at the main entrance. Attendees are not required to have an appointment, but must otherwise comply with protocols outlined at: https://www.fcc.gov/visit.

Dean Brenner, a former executive at Qualcomm, serves as Chairman of the Council. Martin Doczkat, Chief of the Electromagnetic Compatibility Division in the Office of Engineering and Technology, serves as the Designated Federal Officer. Sean Yun, Deputy Chief of the Electromagnetic Compatibility Division in the Office of Engineering and Technology, is the Alternate Designated Federal Officer.

More information about the TAC can be found at https://www.fcc.gov/general/technological-advisory-council. You may also contact Martin Doczkat, Designated Federal Official (DFO) for the TAC, at Martin.Doczkat@fcc.gov or (202) 418-2435.

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[1] 5 U.S.C. App. 2.

Members of the Technological Advisory Council

- (Chair) Dean Brenner, Special Government Employee
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- Rob Alderfer, Vice President, Technology Policy, Charter Communications, Inc., representing Charter Communications, Inc.
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- Donna Bethea-Murphy, Senior VP of Global Regulatory Affairs, Viasat, representing Viasat
- Michael Cataletto, Chief Technology Officer, Scientel Solutions, representing Scientel Solutions
- Ranveer Chandra, Managing Director, Industry Research, Microsoft, representing Microsoft
- Lynn Claudy, Senior Vice President of Technology, National Association of Broadcasters, representing the National Association of Broadcasters
- Andrew Clegg, Chief Technology Officer, Wireless Innovation Forum, representing the Wireless Innovation Forum
- Martin Cooper, Chairman, Dyna LLC, representing Dyna LLC
- Carlos Cordeiro, Intel Fellow and Wireless Chief Technology Officer for Client Computing, Intel Corporation, representing Intel Corporation
- Brian Daly, Assistant Vice President, AT&T Services, representing AT&T
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- Iain Gillott, Senior Research and Technical Advisor, Wireless Infrastructure Association, representing Wireless Infrastructure Association
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- Dick Green, Director, Liberty Global Inc., representing Liberty Global
- Lisa Guess, Senior Vice President of Global Sales Engineering, Cradle Point, representing Ericsson North America
- Sachin Gupta, Director of Business and Economic Development, National Rural Electric Cooperative Association, representing National Rural Electric Cooperative Association
- David Gurney, Distinguished Member of Technical Staff, Motorola Solutions, representing Motorola Solutions
- Dale Hatfield, Executive Fellow, Technology, Cybersecurity and Policy Program in the college of Engineering and Applied Science, University of Colorado at Boulder, representing the Technology, Cybersecurity and Policy Program
- Jason Jackson, Distinguished Engineer and Vice President, Kyndryl, representing Kyndryl
- Richard Kessler, Chief Technology Officer of Security and Advanced Technology, Marvell Technology, Inc., representing Marvell Technology, Inc.
- Karri Kuoppamaki, Senior Vice President, Technology Development and Strategy, T-Mobile, representing T-Mobile
- Tian Lan, Professor of Electrical and Computer Engineering, George Washington University, serving as a Special Government Employee
- Gregory Lapin, Chair, ARRL RF Safety Committee, representing ARRL – The National Association for Amateur Radio
- Mike Laskowsky, Board Member, Rural Wireless Association, representing Rural Wireless Association
- Jason Livingood, Vice President of Technology Policy Product and Standards, Comcast

Corporation, representing Comcast Corporation
- Jennifer Manner, Vice President of Regulatory Affairs, Hughes Network Systems, representing Hughes Network Systems
- Daniel Mansergh, North American Regulatory and Spectrum Lead, Apple, representing Apple
- Brian Markwalter, Vice President Research & Standards, Consumer Electronics Association, representing the Consumer Electronics Association
- Lynn Merrill, President and Chief Executive Officer, Monte R. Lee and Company, representing NTCA
- Amit Mukhopadhyah, Senior Spectrum Standardization Officer, Nokia, representing Nokia
- Jack Nasielski, Qualcomm Incorporated, representing Qualcomm Incorporated
- Bridget Neville, Senior VP and GM of Signal Distribution Engineering, Sirius XM Radio Inc., representing Sirius XM Radio Inc.
- Roger Nichols, Senior 6G Program Executive, Keysight Technologies, representing Keysight Technologies
- Madeleine Noland, President, Advanced Television Systems Committee, representing the Advanced Television Systems Committee
- Timothy O'Shea, Chief Technology Officer and Co-Founder, DeepSig Inc., representing DeepSig, Inc.
- Bejoy Pankajakshan, Chief Technology Officer and Strategy Officer, Mavenir Systems, Inc., representing Mavenir Systems, Inc.
- Jon Peha, Professor, Carnegie Mellon University, representing Metro21, Smart Cities Institute
- Robert Rainhart, President, HawkEye 360, Inc., representing HawkEye 360, Inc.
- Michael Regan, Vice President of Business Performance of the QuEST Forum, Telecommunications Industry Association, representing Telecommunications Industry Association
- Thomas Sawanobori, Senior Vice President and Chief Technology Officer, CTIA, representing CTIA
- Henning Schulzrinne, Professor of Computer Science, Columbia University, serving as a Special Government Employee
- LiChing Sung, Telecommunications Specialist, National Telecommunications and Information Administration, representing National Telecommunications and Information Administration
- Ardavan Tehrani, Director of Engineering, Samsung, representing Samsung
- Rikin Thakker, Senior Vice President of Technology and Chief Technology Officer, NCTA – The Internet & Television Association, representing NCTA – The Internet & Television Association
- Michelle Thompson, Chief Executive Officer, Open Research Institute, representing the Open Research Institute
- David Young, Vice President of Technology and Solutions, Alliance for Telecommunications Industry Solutions, representing the Alliance for Telecommunications Industry Solutions

Designated Federal Officer

- Martin Doczkat, Chief, Electromagnetic Compatibility Division, Office of Engineering and Technology, FCC

Alternate Designated Federal Officer

- Sean Yun, Deputy Chief, Electromagnetic Compatibility Division, Office of Engineering and Technology, FCC

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov

DA 24-180
Released: February 28, 2024

WIRELINE COMPETITION BUREAU REMINDS PROVIDERS OF INMATE CALLING SERVICES OF THE APRIL 1, 2024 DEADLINE FOR ANNUAL REPORTS AND CERTIFICATIONS

WC Docket Nos. 23-62, 12-375

By this Public Notice, the Wireline Competition Bureau (Bureau) reminds providers of inmate calling services[1] that the deadline for the submission of annual reports and certifications, required pursuant to section 64.6060 of the Commission's rules, is April 1, 2024.[2] The forms and instructions for this year's annual reports and certifications are available at https://www.fcc.gov/general/ics-data-collections.[3] All required data must be submitted using the electronic Word and Excel templates provided by the Commission, and in a machine-readable and manipulable format.[4] Public versions of the reports shall also be filed in the electronic Word and Excel templates provided by the Commission, and in a machine-readable and manipulable format, using the Commission's Electronic Comment Filing System (ECFS) at https://www.fcc.gov/ecfs/.[5]

Any request for confidential treatment must adhere to the standard set forth in section 0.459(b) of

[1] The Martha Wright-Reed Just and Reasonable Communications Act of 2022 (Martha Wright-Reed Act) expanded the Commission's authority beyond calling services to include all audio and video communications services used by incarcerated people. Martha Wright-Reed Just and Reasonable Communications Act of 2022, Pub. L. No. 117-338, 136 Stat. 6156. As a result, the Commission no longer uses the phrase "inmate calling services" or "ICS" and instead uses the term "incarcerated people's communications services" or "IPCS" to refer to these broader service offerings. *See Incarcerated People's Communications Services; Implementation of the Martha Wright-Reed Act; Rates for Interstate Inmate Calling Services*, WC Docket Nos. 23-62, 12-375, Notice of Proposed Rulemaking, at 32, para. 80 (2023). However, only IPCS providers that are classified as ICS providers under the Commission's existing rules are required to file annual reports and certifications. *See* 47 CFR §§ 64.6000(j), 64.6060(a).

[2] 47 CFR § 64.6060.

[3] On August 3, 2023, the Wireline Competition Bureau and the Consumer and Governmental Affairs Bureau released a Public Notice seeking comment on proposed revisions to the annual reports and certifications to reflect the expanded reporting requirements regarding access to IPCS by persons with communication disabilities and the addition of data concerning video IPCS now subject to the Commission's jurisdiction under the Martha Wright-Reed Act. *See Wireline Competition Bureau and Consumer Governmental Affairs Bureau Seek Comment on Revisions to Providers' Annual Reporting and Certification Requirements*, WC Docket Nos. 23-62, 12-375, Public Notice, DA 23-656 (WCB/CGB Aug. 3, 2023). These proposed revisions to the forms and instructions remain pending before the Commission. Accordingly, the relevant forms and instructions are those identified on the designated webpage as "Current."

[4] Instructions for Completing the Inmate Calling Services Annual Reporting and Annual Certification Forms (FCC Forms 2301(a) and 2301(b)) at 4-5, available at https://www.fcc.gov/general/ics-data-collections (ICS Annual Reporting Form Instructions (Current)).

[5] *See id.*; Electronic Filing of Documents in Rulemaking Proceedings, 63 Fed. Reg. 24121 (May 1, 1998).

the Commission's rules,[6] as applied in the *ICS Annual Report Transparency Order*.[7] In that *Order*, the Bureau explained that information in the 2019 Annual Reports regarding "facility names, inmate calling services rates, [and] the amounts of ancillary service charges" was not entitled to confidential treatment, given the "strong public interest in transparency surrounding rates, charges, terms, and fees for inmate calling services."[8] The Bureau also denied confidential treatment of information on average daily population, because it found no persuasive reason for protecting such information from public disclosure.[9] These same confidentiality determinations applied to the 2020, 2021, and 2022 Annual Reports,[10] and remain applicable to the Annual Reports due this April 2024, providing required information for calendar year 2023.

As a result, the Bureau expects the majority of each annual report to be filed publicly via ECFS, with only limited requests, if necessary, for redaction from public inspection. We remind providers that requests for confidential treatment will be reviewed and will not be granted unless warranted.[11]

For further information, please contact Steve Meil, Wireline Competition Bureau, Pricing Policy Division, at 202-418-7233, or at Stephen.Meil@fcc.gov.

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[6] 47 CFR § 0.459(b); *see id.* § 0.459(c) (specifying that "[c]asual requests [for confidential treatment] (including simply stamping pages 'confidential') . . . will not be considered").

[7] *Rates for Interstate Inmate Calling Services*, WC Docket No. 12-375, Order, 35 FCC Rcd 9267 (WCB 2020) (*ICS Annual Report Transparency Order*).

[8] *Id.* at 9267, para. 1.

[9] *Id.*

[10] *Wireline Competition Bureau Reminds Providers of Inmate Calling Services of the April 1, 2023 Deadline for Annual Reports and Certifications*, WC Docket No. 12-375, Public Notice, DA 23-164 (WCB Mar. 1, 2023); *Wireline Competition Bureau Reminds Providers of Inmate Calling Services of the April 1, 2022 Deadline for Annual Reports and Certifications*, WC Docket No. 12-375, Public Notice, 37 FCC Rcd 1214 (WCB Feb. 9, 2022); *Wireline Competition Bureau Reminds Providers of Inmate Calling Services of the April 1, 2021 Deadline for Annual Reports and Certifications*, WC Docket No. 12-375, Public Notice, 36 FCC Rcd 4764 (WCB Mar. 3, 2021).

[11] *See Incarcerated People's Communications Services; Implementation of the Martha Wright-Reed Act; Rates for Interstate Inmate Calling Services*, WC Docket Nos. 23-62, 12-375, Protective Order, DA 23-298 (WCB Apr. 5, 2023).

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov

DA 24-181
Released: February 28, 2024

WIRELINE COMPETITION BUREAU ANNOUNCES CERTAIN RDOF AND CAF II AUCTION CENSUS BLOCK GROUPS ARE ELIGIBLE FOR OTHER FUNDING PROGRAMS

AU Docket No. 20-34
AU Docket No. 17-182
WC Docket No. 19-126
WC Docket No. 10-90

By this Public Notice, the Wireline Competition Bureau (WCB) announces that BARConnects, LLC (BARConnects) (Study Area Code (SAC) 199026) and North Alabama Electric Cooperative (NAEC) (SAC 259057) have notified the Commission that they will not fulfill their commitment to offer voice and broadband service to certain census block groups (CBGs) within their Rural Digital Opportunity Fund (RDOF) and/or Connect America Fund (CAF) Phase II auction supported service areas.[1] These providers will be subject to penalties, as described below, for the CBGs where they are defaulting.[2]

By announcing that these providers will not serve the identified eligible census blocks within these CBGs, we notify stakeholders that the census blocks are eligible for funding from other federal and state funding programs subject to the rules of the other programs, furthering our responsibility to coordinate with other agencies to maximize the deployment of high-quality broadband service across the United States.[3] To promote the efficient use of broadband funding, a number of funding programs make

[1] Letter from Keith Swisher, President, BARC Electric Cooperative, to Trent Harkrader, Chief, Wireline Competition Bureau, FCC, AU Docket No. 20-34 et al. (filed Feb. 27, 2024); Letter from Sean A. Stokes, Counsel to North Alabama Electric Cooperative, to Trent Harkrader, Chief, Wireline Competition Bureau, FCC, AU Docket No. 20-34 et al. (filed Feb. 27, 2024). BARConnects was authorized to receive $4,974,237.30 in CAF Phase II auction support over 10 years to serve 1,734 locations in Virginia, and $6,041,742.00 in RDOF support over 10 years to serve 1,962 locations in Virginia. *Connect America Fund Phase II Auction Support Authorized for 856 Winning Bids*, AU Docket No. 17-182 et al., Public Notice, 34 FCC Rcd 4725 (WCB/OEA 2019); *Rural Digital Opportunity Fund Support Authorized for 311 Winning Bids*, AU Docket No. 20-34 et al., Public Notice, 36 FCC Rcd 15809 (WCB/OEA 2021). NAEC was authorized to receive $8,482,612.50 in RDOF support over 10 years to serve 4,376 locations in Alabama. *Rural Digital Opportunity Fund Support Authorized for 1,345 Winning Bids*, AU Docket No. 20-34 et al., Public Notice, 37 FCC Rcd 4897 (WCB/OEA 2022). BARConnects is defaulting on 1,032 locations in its CAF Phase II auction service area and 810 locations in its RDOF service area. NAEC is defaulting on 879 locations in its RDOF service area.

[2] BARConnects and NAEC remain committed to deploying service to the remaining CBGs in their respective RDOF and CAF Phase II auction supported areas.

[3] Broadband Interagency Coordination Act of 2020, Pub. L. No. 116-260, § 904, 134 Stat. 1182, 3214 (codified at 47 U.S.C. § 1308 *et seq.*) (BICA) (requiring the Federal Communications Commission, the Department of Agriculture, and the National Telecommunications and Information Administration to "enter into an interagency agreement requiring coordination between the covered agencies for the distribution of funds for broadband deployment . . . ."). On June 25, 2021, the agencies announced that they had entered into an agreement. Press

(continued….)

areas ineligible for broadband deployment funding where a service provider is already subject to an enforceable commitment to serve.[4] Our announcement avoids leaving these areas unserved for the duration of the RDOF or CAF Phase II auction deployment terms,[5] because providers may now have access to alternative funding to serve these areas.

In Appendix A, we provide a list of all the CAF Phase II auction and RDOF eligible census blocks contained within the CBGs that these carriers will not serve.[6] In addition, we will also update the

(Continued from previous page)
Release, FCC, FCC, NTIA and USDA Announce Interagency Agreement to Coordinate Broadband Funding Deployment (June 25, 2021), https://www.fcc.gov/document/fcc-ntia-usda-sign-interagency-pact-broadband-funding-deployment (last visited Feb. 28, 2024) (FCC, NTIA and USDA Interagency Agreement Press Release). In an effort to further facilitate broadband deployment funding coordination, on May 9, 2022, the FCC, USDA, and NTIA entered into an interagency agreement with the Department of Treasury. Press Release, FCC, FCC, NTIA, USDA and Treasury Announce Interagency Agreement to Collaborate on Federal Broadband Funding (May 12, 2022), https://www.fcc.gov/document/fcc-ntia-usda-treasury-announce-broadband-info-sharing-agreement.

[4] *See, e.g.*, Department of Commerce, National Telecommunications and Information Administration, Broadband Equity, Access, and Deployment (BEAD) Program Notice of Funding Opportunity at 36-37 & n.52 (May 13, 2022), https://broadbandusa.ntia.doc.gov/sites/default/files/2022-05/BEAD%20NOFO.pdf (BEAD Program NOFO) (explaining that any location that is already subject to an enforceable commitment for the deployment of qualifying broadband cannot be treated as unserved or underserved); Department of Commerce, National Telecommunications and Information Administration, Tribal Broadband Connectivity Program Round 2 Notice of Funding Opportunity at 10-11, 28 (July 27, 2023), https://www.ntia.gov/sites/default/files/2023-07/ntia-tbcp-round2-nofo.pdf ("A Tribal Government may not certify Tribal Lands covered under an Enforceable Buildout Commitment as defined [in the NOFO] . . ., as Unserved"); Department of Agriculture, Rural Utilities Service, Corrected Notice of Funding Opportunity for the Community Connect Grant Program for Fiscal Year 2023, 88 Fed. Reg. 87750, 87751 (Dec. 19, 2023) ("Areas receiving, or areas that have received final approval for, other federal funding to construct terrestrial facilities providing at least 10/1 Mbps service in the project Proposed Funded Service Area as of the date of this notice, and which have been reported to the agency, are ineligible."); Department of Agriculture, Rural Utilities Service, Rural eConnectivity (ReConnect) Program Notice of Funding Opportunity, 89 Fed. Reg. 13035, 13036 (Feb. 21, 2024) (defining an enforceable commitment to mean "a legally enforceable obligation by any federal, state, or local agency, utilizing Federal Funds, to provide broadband service with speeds of at least 100 megabits per second (Mbps) downstream and 20 (Mbps) upstream"); Department of Treasury, Guidance for the Coronavirus Capital Projects Fund for States, Territories, and Freely Associated States, at 3-4 (Sept. 2021), https://home.treasury.gov/system/files/136/Capital-Projects-Fund-Guidance-States-Territories-and-Freely-Associated-States.pdf ("To the extent Recipients are considering deploying broadband to locations where there are existing enforceable federal or state funding commitments for reliable wireline service at speeds of at least 100 Mbps of download speed and 20 Mbps of upload speed, the Recipient should ensure that the Capital Projects Fund grant funding will not be used for costs that will be reimbursed by the other federal or state funding stream(s). That is, Capital Projects Fund grant funds must be used only for complementary purposes.").

[5] CAF Phase II auction recipients must offer the required service to 100% of the required number of locations by December 31, 2025. *Connect America Fund et al.*, WC Docket No. 10-90 et al., Report and Order et al., 31 FCC Rcd 5949, 5964, para. 40 (2016) (*CAF Phase II Auction Order*); *Connect America Fund et al.*, WC Docket No. 10-90 et al., Order, 35 FCC Rcd 109, 112, para. 9 (2020). RDOF recipients authorized in 2021 and 2022 must offer the required service to 100% of their original location total by December 31, 2027 and December 31, 2028, respectively. *Rural Digital Opportunity Fund et al.*, WC Docket No. 19-126 et al., Report and Order, 35 FCC Rcd 686, 709, para. 45 (2020) (*RDOF Order*). If more locations than the original estimated are identified during the support term, recipients will have an additional two years to serve the additional locations subject to limited exceptions. *Id.* at 710, para. 49.

[6] The minimum geographic unit for bidding for both RDOF and the CAF Phase II auction was a CBG containing one more eligible census blocks. While bidders were required to bid at the CBG level, they can only use their support to offer service in the eligible census blocks within those CBGs. *Rural Digital Opportunity Fund Phase I Auction Scheduled for October 29, 2020; Notice and Filing Requirements and Other Procedures for Auction 904*, AU Docket No. 20-34 et al., Public Notice, 35 FCC Rcd 6077, 6146, para. 213 (2020); *Connect America Fund*
(continued….)

Broadband Funding Map to remove the census blocks from the support recipients' service areas.[7] Below, we provide a limited waiver of the Commission's non-compliance rules to adjust support to reflect that these areas will not be served. BARConnects and NAEC otherwise remain subject to RDOF and CAF Phase II auction non-compliance measures for failure to meet the terms and conditions of support, including support recovery for all unserved locations at the end of the deployment term.[8] We will continue to use the available tools to monitor these carriers' compliance with the applicable deployment obligations in their respective remaining supported service areas.[9]

While BARConnects and NAEC notified the Commission that they will not serve the identified census blocks, they are not withdrawing from RDOF and/or the CAF Phase II auction programs. The RDOF and CAF Phase II auction support program rules do not provide for partial withdrawals from the program. The Commission takes compliance with the terms and conditions of the CAF Phase II auction and RDOF programs seriously and imposes non-compliance measures if the requirements are not met.[10] BARConnects and NAEC remain subject to program rules, including the applicable non-compliance measures,[11] for the duration of the support term except as explained below, and they remain committed to serve the eligible census blocks within the remaining CBGs in their supported service areas with voice and broadband service meeting program requirements. BARConnects and NAEC also remain subject to all eligible telecommunication carrier (ETC) obligations unless and until they follow the relevant procedures to relinquish their designations in the areas where they will not meet their RDOF and/or CAF Phase II auction obligations.[12] Additionally, BARConnects and NAEC cannot discontinue voice service without Commission approval.[13]

On our own motion, we waive in part sections 54.320(d) and 54.806(c)(1) of the Commission's rules for the census blocks identified in Appendix A and instruct USAC to stop paying support for the identified census blocks pursuant to section 54.320(c) of the Commission's rules.[14] Generally, the Commission's rules may be waived for good cause shown.[15] Waiver of the Commission's rules is appropriate only if both: (1) special circumstances warrant a deviation from the general rule, and (2) such

(Continued from previous page)
Phase II Auction Scheduled for July 24, 2018; Notice and Filing Requirements and Other Procedures for Auction 903, AU Docket No. 17-182 et al., Public Notice, 33 FCC Rcd 1428, 1493, para. 203 (2018).

[7] Federal Communications Commission, National Broadband Map, https://broadbandmap.fcc.gov/home (last visited Feb. 28, 2024).

[8] *See, e.g.*, 47 CFR §§ 54.320(c), (d), 54.806(b), (c).

[9] *See, e.g.*, 47 CFR §§ 54.316, 54.320(d)(1).

[10] *See, e.g.,* 47 CFR §§ 54.320(c), (d), 54.806(b), (c); *Connect America Fund et al.*, WC Docket No. 10-90 et al., Report and Order, 29 FCC Rcd 15644, 15694-700, paras. 142-54 (2014) (*2014 Connect America Order*) (adopting a framework for support reductions, support recovery, and reporting obligations that are calibrated to the extent of a support recipient's non-compliance with service milestones); *CAF Phase II Auction Order*, 31 FCC Rcd at 5966, para. 46 (explaining that compliance with CAF Phase II auction deployment obligations would be determined at the state level); *RDOF Order*, 35 FCC Rcd at 710, para. 48 (explaining that compliance with RDOF deployment obligations would be determined at the state level).

[11] *See, e.g.*, 47 CFR §§ 54.320(c), (d), 54.806(b), (c).

[12] 47 U.S.C. § 214(e)(4).

[13] 47 U.S.C. § 214(a); 47 CFR § 63.71.

[14] 47 CFR §§ 54.320(c), (d); 54.806(b), (c)(1). Section 54.320(c) of the Commission's rules states that support recipients that "fail to comply with public interest obligations or any other terms and conditions may be subject to further action, including . . . reductions in support amounts . . . ." 47 CFR § 54.320(c).

[15] 47 CFR § 1.3.

deviation will serve the public interest.[16]

Sections 54.320(d) and 54.806(c)(1) of the Commission's rules set forth a non-compliance framework for RDOF and the CAF Phase II auction.[17] RDOF and CAF Phase II auction support recipients are subject to interim service milestones by which they must serve a set number of locations across all of the eligible census blocks in the state each year.[18] If a support recipient does not meet an interim service milestone, the support recipient is subject to the non-compliance measures associated with the relevant non-compliance tiers that scale with the size of the compliance gap, and which include reporting and the withholding of an increasing percentage of support.[19] At the end of the deployment period, if the support recipient has not served the required number of locations after an opportunity to cure, we will recover support received for all defaulted locations on an average support per location basis across CBGs in the support recipient's service area in a state as required by the Commission's rules.[20] We also will recover average support received for the unserved locations times a multiplier to reflect that the areas being defaulted on are likely some of the higher cost areas in the support recipient's service area, plus, in most circumstances, an additional percentage of support that the Commission imposed to discourage non-compliance.[21] Support is recovered sooner for support recipients in Tier 4 that have failed to serve more than 50% of the required number of locations and after having 50% of their support withheld for six months.[22]

We find good cause to stop payments for the identified census blocks for the remainder of the support term with no opportunity to cure, rather than withhold and recover future support for the census blocks in accordance with the non-compliance tiers and support recovery process set forth in sections

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[16] *See Northeast Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) (citing *WAIT Radio v. FCC*, 418 F.2d 1153, 1157-59 (D.C. Cir. 1969), *cert. denied*, 93 S.Ct. 461 (1972) (*WAIT Radio)*) (*Northeast Cellular*).

[17] 47 CFR §§ 54.320(d)(1) & (2), 54.806(c)(1).

[18] 47 CFR §§ 54.310(c), 54.802(c)(1).

[19] 47 CFR §§ 54.320(d)(1), 54.806(c).

[20] 47 CFR §§ 54.320(d)(2), 54.806(c)(1).

[21] 47 CFR § 54.320(d)(2), 54.806(c). For the final 100% service milestone, if a CAF Phase II auction support recipient fails to serve at least 95% of its required number of locations, the Commission requires that we recover "an amount of support that is equal to 1.89 times the average amount of support per location received in the state over the six-year period for the relevant number of locations the ETC has failed to offer service to, plus 10 percent of the ETC's total Phase II support received in the state over the six-year period for deployment." 47 CFR § 54.320(d)(2); *CAF Phase II Auction Order*, 31 FCC Rcd at 6017, para. 191. If a CAF Phase II auction support recipient serves at least 95% of its total number of required locations but less than 100%, it will be required to return support for the unserved locations that is equal to the average support per location in the state time 1.89. 47 CFR § 54.310(c)(2). For the RDOF support recipient's sixth year 100% service milestone, the amount of support recovery scales with the size of the non-compliance gap. 47 CFR § 54.806(c)(1)(i)(A)-(C). If the support recipient has deployed to 95% or more of its required locations but less than 100%, we must recover an amount of support that is equal to 1.25 times the average amount of support per location received in the state over the support term for the unserved locations. If the support recipient has deployed to 90% or more of its required locations but less than 95%, we must recover an amount of support that is equal to 1.5 times the average amount of support per location received in the state over the support term for the unserved locations, plus 5% of total authorized support. If the carrier has deployed to fewer than 90% of its required locations, we must recover an amount of support that is equal to 1.75 times the average amount of support per location received in the state over the support term for the unserved locations, plus 10% of total authorized support. *Id.*

[22] 47 CFR § 54.320(d)(1)(iv)(B) (requiring the Bureau to recover a percentage of support that is equal to the support recipient's compliance gap plus 10% of the ETC's support that has been disbursed to that date).

54.320(d) and 54.806(c)(1) of the Commission's rules.[23] The Commission specifically adopted the non-compliance tiers and support recovery rules to incent carriers to come back into compliance with the service milestones.[24] Here, we find there are special circumstances because the support recipients have notified the Commission that they will not serve these census blocks and thus have no intention of coming back into compliance by serving the locations within these census blocks later on in the deployment term. Moreover, we find that it serves the public interest to stop paying support for these census blocks immediately. As stewards of the public's funding, it is our responsibility to implement safeguards to ensure that these funds are being used for their intended purpose.[25] By stopping payments to these areas, we will ensure that we are not spending limited funds on locations that support recipients have no intention of serving and will reduce the risk that the Commission would not be able to recover support at the end of the support term for such locations.

Despite our limited waiver, which as we describe above is narrowly limited to stopping payments of future support for the identified census blocks, BARConnects and NAEC otherwise remain subject to sections 54.320(d) and 54.806(c)(1) of the Commission's rules.[26] If the support recipients fail to meet their interim service milestones by not serving the required number of locations based on their original authorized location total, they will be placed in the associated non-compliance tier.[27] If the applicable non-compliance tier requires that we withhold an amount of support that exceeds the amount of support we have stopped paying for the identified census blocks, we will withhold an amount of additional support that equals the difference between: 1) the amount of support required to be withheld pursuant to section 54.320(d)(1), and 2) the amount of support we stopped paying for the identified census blocks.[28] If the applicable non-compliance tier requires that we withhold less support than the amount of support we have stopped paying for the identified census blocks pursuant to our limited waiver, we will make no further adjustments to the support recipient's monthly disbursement, i.e., we will withhold no support

[23] Future monthly support payments will be reduced pro rata based on the number of locations associated with the CBGs that the support recipient is defaulting on and calculated as follows, subject to any applicable non-compliance tiers: ((total monthly authorized support/total authorized locations) x (total authorized locations – defaulted locations)). Subject to support withholding pursuant to any applicable non-compliance tiers, BARConnect's monthly support for the CAF Phase II auction will be approximately $16,781 and its monthly support for RDOF will be approximately $29,562, and NAEC's monthly support will be approximately $56,489.

[24] *2014 Connect America Order*, 29 FCC Rcd at 15697, para. 148 n.328 ("Our overriding objective is to create a framework that incents full performance.").

[25] 47 U.S.C. § 254(e) (requiring that a carrier receiving universal service support "shall use that support only for the provision, maintenance, and upgrading of facilities and services for which the support is intended").

[26] 47 CFR §§ 54.320(d), 54.806(c)(1).

[27] 47 CFR §§ 54.320(d)(1), 54.806(c).

[28] *Id.* As a simplified example, if a carrier receiving $100 per month in support is required to serve 100 locations and has indicated it will not serve eligible census blocks within CBGs covering 20 of those locations, we will reduce the carrier's ongoing monthly support by a pro rata amount to stop future payments for the defaulted census blocks so that the carrier is now receiving $80 per month (i.e., the Commission will no longer pay the $20 per month associated with the identified census blocks) (($100/100) x (100-20) = $80 a month). If the carrier is in non-compliance Tier 3 so that we are required to withhold 25% of support (i.e., $25; .25 x $100), we would withhold an extra $5 a month so that we are not paying the carrier $25 in total each month (i.e., $20 for the defaulted census blocks + $5 additional). If the carrier comes back into compliance so that it is entitled to have its support restored, we would only restore the additional monthly amount of support that we withheld (i.e., $5 a month) and would not restore the $20 we have stopped paying for the identified census blocks. 47 CFR § 54.320(d)(1)(iii).

other than the support we stopped paying for the identified census blocks.[29] At the end of the deployment period, we will apply section 54.320(d)(2) or 54.806(c)(1) to recover support for all unserved locations, including the locations covered by the identified census blocks.[30] Any additional issues related to the support recovery required by sections 54.320(d)(2) and 54.806(c)(1) of the Commission's rules will be addressed in a separate release.[31]

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[29] Assuming the same simplified example as in the prior footnote, if the carrier is in non-compliance Tier 2 so that we are required to withhold 15% a month (i.e., $15, .15 x $100), we would not withhold any additional monthly support since we have already stopped paying the carrier $20 a month for defaulted census blocks, and $20 exceeds the $15 we are required to withhold. 47 CFR § 54.320(d)(1)(ii).

[30] 47 CFR §§ 54.320(d)(2), 54.806(c)(1).

[31] *Id.*

Appendix A

BARConnects, LLC

RDOF Defaulted Census Blocks

Applicant	FRN	State	Study Area Code	County	Census Block Number
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001006
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001014
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001016
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001017
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001021
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001022
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001029
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001031
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001032
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001033
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001035
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001036
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001042
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001043
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001046
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001055
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001072
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001073
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001075
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001079
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001080
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001092
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001093
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001095
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001119
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001120
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001125
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001126
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001127
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001132
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001136
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001137
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001138
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001139

BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001140
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001141
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001144
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001149
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001150
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001152
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001153
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001155
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001156
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001157
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150701001160
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150710001030
BARConnects, LLC	0027842772	Virginia	199026	Augusta	510150710001037
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002013
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002014
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002018
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002031
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002042
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002044
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002045
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002046
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002051
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002070
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002105
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002114
BARConnects, LLC	0027842772	Virginia	199026	Botetourt	510230402002133
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001002
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001003
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001008
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001009
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001010
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001063
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001090
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001093
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001094
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001095
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001096
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001103
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001105
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001111
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001113
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001117
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001126

BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001132
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001134
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639301001148
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004010
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004013
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004014
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004017
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004020
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004021
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004034
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004035
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004039
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004043
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004046
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004049
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004056
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004057
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004059
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004060
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004061
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004067
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004070
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004072
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004074
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004078
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004079
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004080
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004081
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004089
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004090
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004095
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004098
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004110
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004113
BARConnects, LLC	0027842772	Virginia	199026	Rockbridge	511639303004114

CAF Phase II Auction Defaulted Census Blocks

Applicant	**FRN**	**State**	**Study Area Code**	**County**	**Census Block Number**
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002014
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002015
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002017

BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002018
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002019
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002020
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002025
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002029
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002030
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002035
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002039
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002040
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002045
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002053
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002054
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002056
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002058
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002062
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002064
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002068
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002070
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002074
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710002076
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001000
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001003
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001005
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001007
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001011
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001013
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001014
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001016
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001018
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001019
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001025
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001027
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001029
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001031
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001032
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001034
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001036
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001041
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001042
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001044
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001046
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001047
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001051

BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001055
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001056
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001057
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001058
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001059
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001060
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001063
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001064
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001065
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001066
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001068
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001070
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001072
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001075
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001077
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001079
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001082
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001083
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001087
BARConnects, LLC	0027842772	Virginia	196141	Augusta	510150710001088
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002000
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002005
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002006
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002007
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002008
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002009
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002010
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002011
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002015
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002023
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002025
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002032
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002034
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002035
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002036
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002038
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002039
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002041
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002052
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002055
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002056
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002058
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002059

BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002061
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002063
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002064
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002075
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002077
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002080
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002084
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002089
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002095
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002098
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002099
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002102
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002109
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002119
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002120
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002131
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002137
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002164
BARConnects, LLC	0027842772	Virginia	196141	Botetourt	510230402002183
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001001
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001005
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001006
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001015
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001018
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001019
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001028
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001029
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001030
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001036
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001045
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001051
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001055
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001062
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001120
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001122
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001139
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001140
BARConnects, LLC	0027842772	Virginia	196141	Rockbridge	511639301001145

North Alabama Electric Cooperative

RDOF Defaulted Census Blocks

Applicant	FRN	State	Study Area Code	County	Census Block Number
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719509004049
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719509004061
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001052
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001053
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001056
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001057
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001058
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001063
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001065
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001066
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001090
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001092
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001097
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511001100
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002010
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002011
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002012
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002015
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002016
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002017
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002018
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002019
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002021

North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002023
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002028
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002030
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002032
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002035
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002036
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002038
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002041
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002071
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002072
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002073
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002074
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002075
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002078
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002085
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002087
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511002088
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004016
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004017
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004018
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004019
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004039
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004046
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004048
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004049
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004050

North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004053
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004054
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004057
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004058
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004059
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004063
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004089
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004090
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004093
North Alabama Electric Cooperative	0026430645	Alabama	259057	Jackson	010719511004101
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001001
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001003
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001004
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001008
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001009
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001010
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001011
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001012
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001014
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001017
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001019
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001020
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001023
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001026
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001028
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001036

North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001045
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001051
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001052
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001053
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001054
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001055
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001056
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001058
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001059
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001062
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001063
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001064
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001066
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001068
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001070
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001073
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001074
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001077
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001078
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001079
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001080
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001082
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001084
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001086
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001091
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001092

North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001095
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001098
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001101
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001102
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001109
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001115
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001121
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001124
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001126
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001127
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001130
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001146
North Alabama Electric Cooperative	0026430645	Alabama	259057	Marshall	010950301001152

PUBLIC NOTICE

Federal Communications Commission
45 L St., N.E.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: http://www.fcc.gov

DA 24-182
Released: February 28, 2024

DOMESTIC SECTION 214 APPLICATION GRANTED FOR THE TRANSFER OF CONTROL OF LA PORTE CITY TELEPHONE COMPANY TO ALPINE ACQUISITION GROUP, LLC

WC Docket No. 23-381

By this Public Notice, the Wireline Competition Bureau grants an application filed by La Porte City Telephone Company (LPC) and Alpine Acquisition Group, LLC (AAG) (together, Applicants), pursuant to section 214(a) of the Communications Act of 1934, as amended, and sections 63.03-04 of the Commission's rules),[1] requesting consent to transfer control of LPC to AAG.[2]

On January 30, 2024, the Bureau released a public notice seeking comment on the Application.[3] We did not receive comments or petitions in opposition to the Application.

LPC, an Iowa corporation and independent local exchange carrier (LEC), provides local exchange service and exchange access service in the Benton, Black Hawk, Buchanan, and Tama counties of Iowa to approximately 1,126 total access lines.[4] LPC also provides Internet access and digital TV services.[5] LPC is a designated eligible telecommunications carrier in Iowa and receives high-cost universal service support through the Connect America Fund Broadband Loop Support (CAF BLS) and High-Cost Loop Support (HCLS) mechanisms.[6]

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[1] *See* 47 U.S.C. § 214; 47 CFR §§ 63.03-04.

[2] Application for the Transfer of Control of La Porte City Telephone to Alpine Acquisition Group, LLC, pursuant to Section 214 of the Communications Act of 1934, as Amended, WC Docket No. 23-381 (filed Nov. 6, 2023) (Application). Applicants also filed an application for the transfer of authorizations associated with international services. Applicants filed supplements to the Application on November 16, 2023 and January 26, 2024. Supplement to Application for the Transfer of Control of La Porte City Telephone to Alpine Acquisition Group, LLC, pursuant to Section 214 of the Communications Act of 1934, as Amended, WC Docket No. 23-381 (filed Dec.14, 2023) (Dec. Supplement); Supplement to Application for the Transfer of Control of La Porte City Telephone to Alpine Acquisition Group, LLC, pursuant to Section 214 of the Communications Act of 1934, as Amended, WC Docket No. 23-381 (filed Jan. 26, 2024) (Jan. Supplement). Any action on this domestic section 214 application is without prejudice to Commission action on other related, pending applications.

[3] *Domestic Section 214 Application Filed for the Transfer of Control of La Porte City Telephone Company to Alpine Acquisition Group, LLC*, WC Docket No. 23-381, Public Notice, DA 24-87 (WCB 2024) (*Public Notice*).

[4] Application at 5.

[5] *Id*.

[6] *Id.* at 7; *see also* ACAM, ACAM II, and CAF BLS Buildout Requirements Report, Universal Service Administrative Company (USAC), available at https://www.usac.org/high-cost/funds/acam-ii/ (Authorization Report) (identifying recipients of A-CAM, A-CAM II, and CAF BLS support). LPC also participates in the Lifeline

AAG, an Iowa limited liability company, is a wholly-owned subsidiary of Alpine Communications, L.C. (Alpine), an Iowa limited liability company and independent incumbent LEC that provides telecommunications services in the state of Iowa.[7] AAG does not offer domestic telecommunications services.[8] AAG's parent company, Alpine, provides local exchange service and exchange access service in Clayton County and Fayette County, Iowa to approximately 3,548 total access lines. Alpine also provides wireless telecommunications, Internet access, video, and monitored security services.[9] Alpine also receives high-cost universal service support through the CAF BLS and HCLS mechanisms.[10]

AAG's 10% or greater owner-affiliates, via Alpine, are as follows: Breda Telephone Corporation (Breda), an Iowa corporation and incumbent LEC, provides local exchange and exchange access to 781 access lines and also provides long distance, Internet access, digital television, hosted PBX, ethernet transport, and managed IT services (22.96%); Farmers Mutual Telephone Co. (Farmers Mutual), an Iowa corporation and incumbent LEC, provides local exchange and exchange access to 885 access lines and also provides long distance, Internet access, digital television, home security, medical alert, managed Wi-Fi, hosted firewall, and ethernet services (22.18%); Jefferson Telephone Company (Jefferson), an Iowa corporation and incumbent LEC, provides local exchange and exchange access to 1,524 access lines and also provides Internet access, digital and IP television, special access, and managed Wi-Fi services (12.72%); Webster-Calhoun Cooperative Telephone Association (Webster-Calhoun), an Iowa corporation and incumbent LEC, provides local exchange and exchange access to 2,327 access lines and also provides digital television and hosted and managed Wi-Fi services (12.72%); Van Buren Telephone Company, Inc. (Van Buren), an Iowa corporation and incumbent LEC, provides local exchange and exchange access to 1,524 access lines and also provides Internet access service (12.72%); and RockTel, Inc., a holding company whose sole purpose is to hold a an ownership interest in Alpine and is owned by Rockwell Cooperative Telephone Company (Rockwell), an Iowa corporation and incumbent LEC that provides local exchange and exchange access to 649 access lines and also provides Internet access and IP television services (12.62%).[11] Breda, Jefferson, Van Buren, and Rockwell receive model-based high-cost universal support through the Enhanced Alternative Connect America Cost Model (A-CAM) mechanism in Iowa.[12] Webster-Calhoun also receives model-based high-cost universal support through the A-CAM II support mechanism in Iowa.[13] Farmers Mutual receives cost-based high-cost universal service support through the HCLS and CAF BLS mechanisms in Iowa.[14]

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program and Affordable Connectivity Program in Iowa and will continue to do so post-consummation of the transaction. Application at 7.

[7] *Id*. at 4. Alpine, was formed in 1995 by a group of independent telephone companies for the purpose of purchasing and operating rural telephone exchanges being sold off by US West at that time. LPC is one of these original independent telephone companies and currently holds a 3% ownership interest in Alpine through its wholly-owned subsidiary, LPC Communications, Inc. Jan. Supplement at 6.

[8] Application at 5.

[9] *Id*.

[10] *Id.* at 7; *see also* Authorization Report.

[11] Application at 4; Jan. Supplement at 1-2; *see also* Dec. Supplement at 1-2 (listing the geographic service areas for AAG's owner-affiliates).

[12] Dec. Supplement at 8; *see also Wireline Competition Bureau Authorizes 368 Companies in 44 States to Receive Enhanced Alternative Connect America Cost Model Support to Expand Rural Broadband*, WC Docket No. 10-90, Public Notice, DA 23-1025 (WCB rel. Oct. 30, 2023).

[13] Dec. Supplement at 8; *see also* Authorization Report.

[14] *Id.*

Pursuant to the terms of the Transaction, Alpine will ultimately and indirectly own and operate LPC through AAG. AAG, a direct, wholly-owned affiliate of Alpine, will purchase and hold all outstanding shares of stock in LPC, and LPC will operate as a direct, wholly-owned subsidiary of AAG.[15] Applicants assert that the proposed transaction would serve the public interest, convenience, and necessity by ensuring the continued operation of LPC with no interruption in service to LPC's rural customers by a company with decades of experience in the field that has acted as a manager of LPC since 2009 under a management services agreement.[16] Applicants explain that Alpine, as AAG's parent company, can "realize economies of scale that will help ensure the financial and operational security of the LPC operations."[17] Also, Applicants assert there are no service area overlaps between LPC and Alpine or the AAG owner-affiliates that hold 10% or more interest in AAG through Alpine.[18] The Applicants further assert that post-consummation of the proposed transaction, LPC will continue to exist and operate as a separate entity from Alpine's owner-affiliates, and no single Alpine owner-affiliate will own a controlling interest in Alpine.[19]

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[15] Application at 5; Jan. Supplement at 6. LPC's 3% ownership interest in Alpine will be distributed to the remaining Alpine owner-affiliates. Jan. Supplement at 6.

[16] Application at 6.

[17] *Id.*

[18] *Id*. at 5; Jan. Supplement at 1.

[19] Jan. Supplement at 6-7. In the *Hargray/ComSouth Order,* the Commission found that "the combination of two companies that receive high-cost universal service support under different mechanisms, one fixed and one cost-based, could result in potential harm to the Commission's goal of ensuring that limited universal service resources are distributed efficiently and effectively" as a result of the companies having an incentive to shift costs from the model-based support company to the cost-based support company. *Joint Application of W. Mansfield Jennings Limited Partnership and Hargray Communications Group, Inc. for Consent to the Transfer of Control of ComSouth Corporation Pursuant to Section 214 of the Communications Act of 1934*, WC Docket No. 18-52, Memorandum Opinion and Order, 33 FCC Rcd 4780, 4784, para. 19 (2018) (*Hargray/ComSouth Order*). Although the 214 authorization holder, LPC (cost-based high-cost support), will ultimately be owned and controlled by Alpine (cost-based high cost support), Alpine's owner-affiliates (model-based high-cost support) will not have the ability to engage in improper cost shifting as a result of its affiliates receiving universal service support under different mechanisms. Jan Supplement at 6-7. Applicants affirm that post-transaction, LPC and AAG's owner-affiliates will not have common control, shared or common costs, or the ability to consolidate corporate books. *Id*. at 7; *see also Domestic Section 214 Application for the Transfer of Control of Lavaca Telephone Company, Inc. to Dobson Technologies Inc.*, WC Docket No. 20-389, Order on Reconsideration, 36 FCC Rcd 8859, 8864, para. 14 (2021) (*Dobson Order on Reconsideration*) (stating that the Wireline Competition Bureau should continue to apply the *Hargray/ComSouth* condition to remedy a potential public interest harm caused by a mixed support transaction, including in transactions in which post-merger affiliates have common control, common costs, cost sharing, or consolidation of corporate books). Specifically, LPC is removed from the control of the model-based support entities because it will be owned by Alpine, not Alpine's owner-affiliates—"[t]he owner-affiliates and Alpine have separate and distinct structures of ownership and control." Jan. Supplement at 7 (noting "[t]here is no common ownership, directorates, or management among the owner-affiliates, and each owner-affiliate has voting powers in Alpine commensurate with its ownership interest (i.e., non-controlling)."). Additionally, post-transaction, LPC and Alpine's owner-affiliates will continue to operate independently, i.e.,"[n]one of the owner-affiliates have or will have common or shared costs, among themselves or with Alpine," "[e]ach owner-affiliate as well as Alpine itself has its own employees, pricing, and product and service offerings," and "[n]one of the owner-affiliates have or will have consolidated financial accounts, either among themselves or with Alpine, and neither the owner-affiliates nor Alpine will consolidate financial accounts with LPC post-transaction." *Id*. In addition, as discussed above, there is no overlap between the service territories of LPC and Alpine's owner-affiliates. Application at 5; Jan. Supplement at 1, 7. In light of the separate operations of LPC and Alpine's owner-affiliates as demonstrated on this record, we do not find a potential public interest harm associated with a mixed support transaction that we need to address, and we therefore exercise our authority to exclude the specific affiliates here from the *Hargray/ComSouth* condition. *See Dobson Order on Reconsideration*, 36 FCC Rcd at 8886, para. 14. We therefore grant the Application without applying the mixed support condition.

We find that grant of the Application will serve the public interest, convenience, and necessity. Pursuant to section 1.103 of the Commission's rules, 47 CFR § 1.103, the grant is effective upon release of this Public Notice. Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules, 47 CFR §§ 1.106, 1.115, may be filed within 30 days of the date of this Public Notice.

For further information, please contact Megan Danner, Wireline Competition Bureau, Competition Policy Division, (202) 418-1151.

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PUBLIC NOTICE

Federal Communications Commission
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Washington, DC 20554

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DA 24-183
Released: February 29, 2024

WIRELESS TELECOMMUNICATIONS BUREAU GRANTS AUCTION 108 LICENSES

Auction No. 108

By this Public Notice, the Wireless Telecommunications Bureau (WTB) announces the grant of one long-form application and issuance of 7,156 licenses for Auction 108. With grant of these licenses, the Commission has completed the processing of all outstanding Auction 108 long-form applications[1] and issued all licenses won in Auction 108 pursuant to the 5G SALE Act.[2]

On August 29, 2022, the Federal Communications Commission (Commission) completed the auction of new flexible-use geographic overlay licenses in the (2.5 GHz) band, and the Office of Economics and Analytics (OEA) and WTB announced the results of that auction on September 1, 2022.[3] This auction raised a total of $419,133,261 in net bids and $427,789,670 in gross bids, with 63 bidders winning a total of 7,872 licenses.[4] Long-form applications for licenses won in Auction 108 were due on September 16, 2022.[5] WTB accepted this Auction 108 application for filing on October 26, 2022.[6]

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[1] To date, WTB has issued five public notices granting in total 67 of the 68 long-form applications filed with respect to Auction 108. *See Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, 37 FCC Rcd 14020 (WTB Dec. 1, 2022); *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, 38 FCC Rcd 41 (WTB Jan. 5, 2023); *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, 38 FCC Rcd 1327 (WTB Mar. 1, 2023); *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, DA 24-89 (WTB Feb. 1, 2024); *Wireless Telecommunications Bureau Grants Auction 108 Licenses*, Public Notice, DA 24-170 (WTB Feb. 27, 2024).

[2] The Commission's authority to issue licenses pursuant to a system of competitive bidding lapsed on March 9, 2023. *See* 47 USC 309(j)(11); Consolidated Appropriations Act, 2023, Pub. L. No. 117-328, 136 Stat. 4459 (Dec. 29, 2022) (extending the Commission's spectrum auction authority through March 9, 2023). Congress subsequently passed legislation authorizing the Commission to process any remaining licenses won in Auction 108 within 90 days of enactment, which occurred on December 19, 2023. *See* 5G Spectrum Authority Licensing Enforcement Act (5G SALE Act), Pub. L. No. 118-27 (2023).

[3] *Auction of Flexible-Use Licenses in the 2.5 GHz Band Closes*, Public Notice, 37 FCC Rcd 10117 (OEA & WTB Sept. 1, 2022).

[4] "Gross bids" refers to the total of winning bid amounts at the close of bidding and does not reflect any small business or rural service provider bidding credits claimed by eligible winning bidders. "Net bids" refers to the total of winning bid amounts as adjusted for any small business or rural service provider bidding credits claimed by winning bidders.

[5] WTB previously issued a total of five public notices finding all 68 long-form applications acceptable for filing. *See Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 37 FCC Rcd 12344 (WTB Oct. 26, 2022); *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 37 FCC Rcd 14127 (WTB Dec.

(continued….)

Upon further review and examination, WTB finds the applications for the licenses listed in Attachment A to be complete and in conformance with the Commission's rules. We find that granting the applications for the licenses listed in Attachment A serves the public interest, convenience, and necessity. Furthermore, the Commission has received full payment for the licenses listed in Attachment A, as required by section 1.2109(a) of its rules.[7] Accordingly, by this Public Notice, we announce the grant of the licenses listed in Attachment A. We grant these licenses pursuant to section 309(a) of the Communications Act, 47 U.S.C. § 309(a), and sections 0.131 and 0.331 of the Commission's rules, 47 CFR §§ 0.131, 0.331.

We remind licensees that they should review all Commission orders and public notices establishing rules and policies for the 2.5 GHz Band.[8] Each licensee is solely responsible for complying with all FCC rules and regulations associated with these licenses. Notably, we remind Auction 108 licensees that they must protect existing incumbent licenses, including Rural Tribal Priority Window (RTPW) licenses.[9] We further remind licensees that pending RTPW applications may affect the licenses issued in Auction 108. Licenses granted through applications received during the RTPW will have incumbent status vis-à-vis licenses awarded in Auction 108.[10] In other words, any winning bidder awarded a license in Auction 108 may not operate within the license area of a successful RTPW applicant, even if that RTPW application remains pending at the time of issuance of the Auction 108 overlay license.

This Public Notice includes two attachments:

Attachment A – Flexible-Use Licenses Granted – Sorted by Licensee
Attachment B – Flexible-Use Licenses Granted – Sorted by Market Number

Please contact Madelaine Maior or Nadja Sodos-Wallace at Madelaine.Maior@fcc.gov and Nadja.SodosWallace@fcc.gov for questions regarding legal matters or licensing issues. Please contact Will Wiquist at (202) 418-0509 or Will.Wiquist@fcc.gov for press questions.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice).

- FCC -

(Continued from previous page)
8, 2022); *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 38 FCC Rcd 1158 (WTB Feb. 14, 2023); *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, DA 24-46 (WTB Jan. 16, 2024); *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, DA 24-135 (WTB Feb. 13, 2024).

[6] *Wireless Telecommunications Bureau Announces that Applications for Auction 108 Licenses Are Accepted for Filing*, Public Notice, 37 FCC Rcd 12344 (WTB Oct. 26, 2022).

[7] 47 CFR § 1.2109(a).

[8] *See generally Transforming the 2.5 GHz Band*, WT Docket No. 18-120, Report and Order, 34 FCC Rcd 5446 (2019) (modified by Erratum, 34 FCC Rcd 10386 (WTB 2019)) (*2.5 GHz Report and Order*).

[9] *See 2.5 GHz Report and Order*, 34 FCC Rcd at 5473, para. 77; 47 CFR § 27.1206(b)(2)(ii).

[10] *See Auction of Flexible-Use Licenses in the 2.5 GHz Band for Next-Generation Wireless Services; Notice and Filing Requirements, Minimum Opening Bids, Upfront Payments, and Other Procedures of Auction 108; Bidding Scheduled to Begin July 29, 2022*, AU Docket No. 20-429, Public Notice, 37 FCC Rcd 4370, 4376, 4378, paras. 9, 14 (2022).

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01001	AUTAUGA, AL	1	0010206629	WSBD209	N
T-Mobile License LLC	D01001	AUTAUGA, AL	2	0010206629	WSBD210	N
T-Mobile License LLC	D01001	AUTAUGA, AL	3	0010206629	WSBD211	N
T-Mobile License LLC	D01003	BALDWIN, AL	1	0010206629	WSBD212	N
T-Mobile License LLC	D01003	BALDWIN, AL	2	0010206629	WSBD213	N
T-Mobile License LLC	D01003	BALDWIN, AL	3	0010206629	WSBD214	N
T-Mobile License LLC	D01005	BARBOUR, AL	1	0010206629	WSBD215	N
T-Mobile License LLC	D01005	BARBOUR, AL	2	0010206629	WSBD216	N
T-Mobile License LLC	D01005	BARBOUR, AL	3	0010206629	WSBD217	N
T-Mobile License LLC	D01007	BIBB, AL	1	0010206629	WSBD218	N
T-Mobile License LLC	D01007	BIBB, AL	2	0010206629	WSBD219	N
T-Mobile License LLC	D01007	BIBB, AL	3	0010206629	WSBD220	N
T-Mobile License LLC	D01009	BLOUNT, AL	1	0010206629	WSBD221	N
T-Mobile License LLC	D01009	BLOUNT, AL	2	0010206629	WSBD222	N
T-Mobile License LLC	D01009	BLOUNT, AL	3	0010206629	WSBD223	N
T-Mobile License LLC	D01011	BULLOCK, AL	1	0010206629	WSBD224	N
T-Mobile License LLC	D01011	BULLOCK, AL	2	0010206629	WSBD225	N
T-Mobile License LLC	D01011	BULLOCK, AL	3	0010206629	WSBD226	N
T-Mobile License LLC	D01013	BUTLER, AL	1	0010206629	WSBD227	N
T-Mobile License LLC	D01013	BUTLER, AL	2	0010206629	WSBD228	N
T-Mobile License LLC	D01013	BUTLER, AL	3	0010206629	WSBD229	N
T-Mobile License LLC	D01015	CALHOUN, AL	2	0010206629	WSBD230	N
T-Mobile License LLC	D01015	CALHOUN, AL	3	0010206629	WSBD231	N
T-Mobile License LLC	D01019	CHEROKEE, AL	1	0010206629	WSBD232	N
T-Mobile License LLC	D01019	CHEROKEE, AL	2	0010206629	WSBD233	N
T-Mobile License LLC	D01019	CHEROKEE, AL	3	0010206629	WSBD234	N
T-Mobile License LLC	D01021	CHILTON, AL	1	0010206629	WSBD235	N
T-Mobile License LLC	D01021	CHILTON, AL	2	0010206629	WSBD236	N
T-Mobile License LLC	D01021	CHILTON, AL	3	0010206629	WSBD237	N
T-Mobile License LLC	D01023	CHOCTAW, AL	1	0010206629	WSBD238	N
T-Mobile License LLC	D01023	CHOCTAW, AL	2	0010206629	WSBD239	N
T-Mobile License LLC	D01023	CHOCTAW, AL	3	0010206629	WSBD240	N
T-Mobile License LLC	D01025	CLARKE, AL	1	0010206629	WSBD241	N
T-Mobile License LLC	D01025	CLARKE, AL	2	0010206629	WSBD242	N
T-Mobile License LLC	D01025	CLARKE, AL	3	0010206629	WSBD243	N
T-Mobile License LLC	D01027	CLAY, AL	1	0010206629	WSBD244	N
T-Mobile License LLC	D01027	CLAY, AL	2	0010206629	WSBD245	N
T-Mobile License LLC	D01027	CLAY, AL	3	0010206629	WSBD246	N
T-Mobile License LLC	D01031	COFFEE, AL	1	0010206629	WSBD247	N
T-Mobile License LLC	D01031	COFFEE, AL	2	0010206629	WSBD248	N
T-Mobile License LLC	D01031	COFFEE, AL	3	0010206629	WSBD249	N
T-Mobile License LLC	D01035	CONECUH, AL	1	0010206629	WSBD250	N
T-Mobile License LLC	D01035	CONECUH, AL	2	0010206629	WSBD251	N
T-Mobile License LLC	D01035	CONECUH, AL	3	0010206629	WSBD252	N
T-Mobile License LLC	D01037	COOSA, AL	1	0010206629	WSBD253	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01037	COOSA, AL	2	0010206629	WSBD254	N
T-Mobile License LLC	D01037	COOSA, AL	3	0010206629	WSBD255	N
T-Mobile License LLC	D01039	COVINGTON, AL	1	0010206629	WSBD256	N
T-Mobile License LLC	D01039	COVINGTON, AL	2	0010206629	WSBD257	N
T-Mobile License LLC	D01039	COVINGTON, AL	3	0010206629	WSBD258	N
T-Mobile License LLC	D01041	CRENSHAW, AL	1	0010206629	WSBD259	N
T-Mobile License LLC	D01041	CRENSHAW, AL	2	0010206629	WSBD260	N
T-Mobile License LLC	D01041	CRENSHAW, AL	3	0010206629	WSBD261	N
T-Mobile License LLC	D01043	CULLMAN, AL	1	0010206629	WSBD262	N
T-Mobile License LLC	D01043	CULLMAN, AL	2	0010206629	WSBD263	N
T-Mobile License LLC	D01043	CULLMAN, AL	3	0010206629	WSBD264	N
T-Mobile License LLC	D01045	DALE, AL	1	0010206629	WSBD265	N
T-Mobile License LLC	D01045	DALE, AL	2	0010206629	WSBD266	N
T-Mobile License LLC	D01045	DALE, AL	3	0010206629	WSBD267	N
T-Mobile License LLC	D01047	DALLAS, AL	1	0010206629	WSBD268	N
T-Mobile License LLC	D01047	DALLAS, AL	2	0010206629	WSBD269	N
T-Mobile License LLC	D01047	DALLAS, AL	3	0010206629	WSBD270	N
T-Mobile License LLC	D01049	DEKALB, AL	1	0010206629	WSBD271	N
T-Mobile License LLC	D01049	DEKALB, AL	2	0010206629	WSBD272	N
T-Mobile License LLC	D01049	DEKALB, AL	3	0010206629	WSBD273	N
T-Mobile License LLC	D01051	ELMORE, AL	1	0010206629	WSBD274	N
T-Mobile License LLC	D01051	ELMORE, AL	2	0010206629	WSBD275	N
T-Mobile License LLC	D01051	ELMORE, AL	3	0010206629	WSBD276	N
T-Mobile License LLC	D01053	ESCAMBIA, AL	1	0010206629	WSBD277	N
T-Mobile License LLC	D01053	ESCAMBIA, AL	2	0010206629	WSBD278	N
T-Mobile License LLC	D01053	ESCAMBIA, AL	3	0010206629	WSBD279	N
T-Mobile License LLC	D01055	ETOWAH, AL	2	0010206629	WSBD280	N
T-Mobile License LLC	D01055	ETOWAH, AL	3	0010206629	WSBD281	N
T-Mobile License LLC	D01057	FAYETTE, AL	1	0010206629	WSBD282	N
T-Mobile License LLC	D01057	FAYETTE, AL	2	0010206629	WSBD283	N
T-Mobile License LLC	D01059	FRANKLIN, AL	1	0010206629	WSBD284	N
T-Mobile License LLC	D01059	FRANKLIN, AL	2	0010206629	WSBD285	N
T-Mobile License LLC	D01061	GENEVA, AL	1	0010206629	WSBD286	N
T-Mobile License LLC	D01061	GENEVA, AL	2	0010206629	WSBD287	N
T-Mobile License LLC	D01061	GENEVA, AL	3	0010206629	WSBD288	N
T-Mobile License LLC	D01063	GREENE, AL	2	0010206629	WSBD289	N
T-Mobile License LLC	D01063	GREENE, AL	3	0010206629	WSBD290	N
T-Mobile License LLC	D01065	HALE, AL	1	0010206629	WSBD291	N
T-Mobile License LLC	D01065	HALE, AL	2	0010206629	WSBD292	N
T-Mobile License LLC	D01067	HENRY, AL	1	0010206629	WSBD293	N
T-Mobile License LLC	D01067	HENRY, AL	2	0010206629	WSBD294	N
T-Mobile License LLC	D01067	HENRY, AL	3	0010206629	WSBD295	N
T-Mobile License LLC	D01069	HOUSTON, AL	1	0010206629	WSBD296	N
T-Mobile License LLC	D01069	HOUSTON, AL	2	0010206629	WSBD297	N
T-Mobile License LLC	D01069	HOUSTON, AL	3	0010206629	WSBD298	N

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SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01071	JACKSON, AL	1	0010206629	WSBD299	N
T-Mobile License LLC	D01071	JACKSON, AL	2	0010206629	WSBD300	N
T-Mobile License LLC	D01071	JACKSON, AL	3	0010206629	WSBD301	N
T-Mobile License LLC	D01073	JEFFERSON, AL	1	0010206629	WSBD302	N
T-Mobile License LLC	D01073	JEFFERSON, AL	2	0010206629	WSBD303	N
T-Mobile License LLC	D01073	JEFFERSON, AL	3	0010206629	WSBD304	N
T-Mobile License LLC	D01075	LAMAR, AL	1	0010206629	WSBD305	N
T-Mobile License LLC	D01075	LAMAR, AL	2	0010206629	WSBD306	N
T-Mobile License LLC	D01075	LAMAR, AL	3	0010206629	WSBD307	N
T-Mobile License LLC	D01077	LAUDERDALE, AL	1	0010206629	WSBD308	N
T-Mobile License LLC	D01077	LAUDERDALE, AL	2	0010206629	WSBD309	N
T-Mobile License LLC	D01077	LAUDERDALE, AL	3	0010206629	WSBD310	N
T-Mobile License LLC	D01079	LAWRENCE, AL	1	0010206629	WSBD311	N
T-Mobile License LLC	D01079	LAWRENCE, AL	2	0010206629	WSBD312	N
T-Mobile License LLC	D01079	LAWRENCE, AL	3	0010206629	WSBD313	N
T-Mobile License LLC	D01083	LIMESTONE, AL	2	0010206629	WSBD314	N
T-Mobile License LLC	D01085	LOWNDES, AL	1	0010206629	WSBD315	N
T-Mobile License LLC	D01085	LOWNDES, AL	2	0010206629	WSBD316	N
T-Mobile License LLC	D01085	LOWNDES, AL	3	0010206629	WSBD317	N
T-Mobile License LLC	D01087	MACON, AL	1	0010206629	WSBD318	N
T-Mobile License LLC	D01087	MACON, AL	2	0010206629	WSBD319	N
T-Mobile License LLC	D01087	MACON, AL	3	0010206629	WSBD320	N
T-Mobile License LLC	D01091	MARENGO, AL	1	0010206629	WSBD321	N
T-Mobile License LLC	D01091	MARENGO, AL	2	0010206629	WSBD322	N
T-Mobile License LLC	D01093	MARION, AL	1	0010206629	WSBD323	N
T-Mobile License LLC	D01093	MARION, AL	2	0010206629	WSBD324	N
T-Mobile License LLC	D01093	MARION, AL	3	0010206629	WSBD325	N
T-Mobile License LLC	D01095	MARSHALL, AL	1	0010206629	WSBD326	N
T-Mobile License LLC	D01095	MARSHALL, AL	2	0010206629	WSBD327	N
T-Mobile License LLC	D01095	MARSHALL, AL	3	0010206629	WSBD328	N
T-Mobile License LLC	D01097	MOBILE, AL	1	0010206629	WSBD329	N
T-Mobile License LLC	D01097	MOBILE, AL	2	0010206629	WSBD330	N
T-Mobile License LLC	D01097	MOBILE, AL	3	0010206629	WSBD331	N
T-Mobile License LLC	D01099	MONROE, AL	1	0010206629	WSBD332	N
T-Mobile License LLC	D01099	MONROE, AL	2	0010206629	WSBD333	N
T-Mobile License LLC	D01099	MONROE, AL	3	0010206629	WSBD334	N
T-Mobile License LLC	D01101	MONTGOMERY, AL	1	0010206629	WSBD335	N
T-Mobile License LLC	D01101	MONTGOMERY, AL	2	0010206629	WSBD336	N
T-Mobile License LLC	D01101	MONTGOMERY, AL	3	0010206629	WSBD337	N
T-Mobile License LLC	D01103	MORGAN, AL	1	0010206629	WSBD338	N
T-Mobile License LLC	D01103	MORGAN, AL	2	0010206629	WSBD339	N
T-Mobile License LLC	D01103	MORGAN, AL	3	0010206629	WSBD340	N
T-Mobile License LLC	D01105	PERRY, AL	1	0010206629	WSBD341	N
T-Mobile License LLC	D01105	PERRY, AL	2	0010206629	WSBD342	N
T-Mobile License LLC	D01105	PERRY, AL	3	0010206629	WSBD343	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01107	PICKENS, AL	1	0010206629	WSBD344	N
T-Mobile License LLC	D01107	PICKENS, AL	2	0010206629	WSBD345	N
T-Mobile License LLC	D01107	PICKENS, AL	3	0010206629	WSBD346	N
T-Mobile License LLC	D01109	PIKE, AL	1	0010206629	WSBD347	N
T-Mobile License LLC	D01109	PIKE, AL	2	0010206629	WSBD348	N
T-Mobile License LLC	D01109	PIKE, AL	3	0010206629	WSBD349	N
T-Mobile License LLC	D01111	RANDOLPH, AL	1	0010206629	WSBD350	N
T-Mobile License LLC	D01111	RANDOLPH, AL	2	0010206629	WSBD351	N
T-Mobile License LLC	D01111	RANDOLPH, AL	3	0010206629	WSBD352	N
T-Mobile License LLC	D01115	ST. CLAIR, AL	2	0010206629	WSBD353	N
T-Mobile License LLC	D01115	ST. CLAIR, AL	3	0010206629	WSBD354	N
T-Mobile License LLC	D01117	SHELBY, AL	1	0010206629	WSBD355	N
T-Mobile License LLC	D01117	SHELBY, AL	2	0010206629	WSBD356	N
T-Mobile License LLC	D01117	SHELBY, AL	3	0010206629	WSBD357	N
T-Mobile License LLC	D01119	SUMTER, AL	1	0010206629	WSBD358	N
T-Mobile License LLC	D01119	SUMTER, AL	2	0010206629	WSBD359	N
T-Mobile License LLC	D01119	SUMTER, AL	3	0010206629	WSBD360	N
T-Mobile License LLC	D01121	TALLADEGA, AL	1	0010206629	WSBD361	N
T-Mobile License LLC	D01121	TALLADEGA, AL	2	0010206629	WSBD362	N
T-Mobile License LLC	D01121	TALLADEGA, AL	3	0010206629	WSBD363	N
T-Mobile License LLC	D01123	TALLAPOOSA, AL	1	0010206629	WSBD364	N
T-Mobile License LLC	D01123	TALLAPOOSA, AL	2	0010206629	WSBD365	N
T-Mobile License LLC	D01123	TALLAPOOSA, AL	3	0010206629	WSBD366	N
T-Mobile License LLC	D01125	TUSCALOOSA, AL	1	0010206629	WSBD367	N
T-Mobile License LLC	D01125	TUSCALOOSA, AL	2	0010206629	WSBD368	N
T-Mobile License LLC	D01127	WALKER, AL	1	0010206629	WSBD369	N
T-Mobile License LLC	D01127	WALKER, AL	2	0010206629	WSBD370	N
T-Mobile License LLC	D01129	WASHINGTON, AL	1	0010206629	WSBD371	N
T-Mobile License LLC	D01129	WASHINGTON, AL	2	0010206629	WSBD372	N
T-Mobile License LLC	D01129	WASHINGTON, AL	3	0010206629	WSBD373	N
T-Mobile License LLC	D01131	WILCOX, AL	1	0010206629	WSBD374	N
T-Mobile License LLC	D01131	WILCOX, AL	2	0010206629	WSBD375	N
T-Mobile License LLC	D01131	WILCOX, AL	3	0010206629	WSBD376	N
T-Mobile License LLC	D01133	WINSTON, AL	1	0010206629	WSBD377	N
T-Mobile License LLC	D01133	WINSTON, AL	2	0010206629	WSBD378	N
T-Mobile License LLC	D01133	WINSTON, AL	3	0010206629	WSBD379	N
T-Mobile License LLC	D02110	JUNEAU, AK	1	0010206629	WSBD380	N
T-Mobile License LLC	D02110	JUNEAU, AK	2	0010206629	WSBD381	N
T-Mobile License LLC	D02110	JUNEAU, AK	3	0010206629	WSBD382	N
T-Mobile License LLC	D02170	MATANUSKA-SUSITNA, AK	1	0010206629	WSBD383	N
T-Mobile License LLC	D02170	MATANUSKA-SUSITNA, AK	2	0010206629	WSBD384	N
T-Mobile License LLC	D02170	MATANUSKA-SUSITNA, AK	3	0010206629	WSBD385	N
T-Mobile License LLC	D04001	APACHE, AZ	1	0010206629	WSBD386	N
T-Mobile License LLC	D04003	COCHISE, AZ	1	0010206629	WSBD387	N
T-Mobile License LLC	D04003	COCHISE, AZ	2	0010206629	WSBD388	N

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AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D04003	COCHISE, AZ	3	0010206629	WSBD389	N
T-Mobile License LLC	D04005	COCONINO, AZ	1	0010206629	WSBD390	N
T-Mobile License LLC	D04005	COCONINO, AZ	2	0010206629	WSBD391	N
T-Mobile License LLC	D04005	COCONINO, AZ	3	0010206629	WSBD392	N
T-Mobile License LLC	D04007	GILA, AZ	1	0010206629	WSBD393	N
T-Mobile License LLC	D04007	GILA, AZ	2	0010206629	WSBD394	N
T-Mobile License LLC	D04007	GILA, AZ	3	0010206629	WSBD395	N
T-Mobile License LLC	D04009	GRAHAM, AZ	1	0010206629	WSBD396	N
T-Mobile License LLC	D04009	GRAHAM, AZ	2	0010206629	WSBD397	N
T-Mobile License LLC	D04009	GRAHAM, AZ	3	0010206629	WSBD398	N
T-Mobile License LLC	D04011	GREENLEE, AZ	1	0010206629	WSBD399	N
T-Mobile License LLC	D04011	GREENLEE, AZ	2	0010206629	WSBD400	N
T-Mobile License LLC	D04011	GREENLEE, AZ	3	0010206629	WSBD401	N
T-Mobile License LLC	D04012	LA PAZ, AZ	1	0010206629	WSBD402	N
T-Mobile License LLC	D04012	LA PAZ, AZ	2	0010206629	WSBD403	N
T-Mobile License LLC	D04012	LA PAZ, AZ	3	0010206629	WSBD404	N
T-Mobile License LLC	D04013	MARICOPA, AZ	2	0010206629	WSBD405	N
T-Mobile License LLC	D04013	MARICOPA, AZ	3	0010206629	WSBD406	N
T-Mobile License LLC	D04015	MOHAVE, AZ	1	0010206629	WSBD407	N
T-Mobile License LLC	D04015	MOHAVE, AZ	2	0010206629	WSBD408	N
T-Mobile License LLC	D04015	MOHAVE, AZ	3	0010206629	WSBD409	N
T-Mobile License LLC	D04017	NAVAJO, AZ	2	0010206629	WSBD410	N
T-Mobile License LLC	D04017	NAVAJO, AZ	3	0010206629	WSBD411	N
T-Mobile License LLC	D04019	PIMA, AZ	1	0010206629	WSBD412	N
T-Mobile License LLC	D04019	PIMA, AZ	2	0010206629	WSBD413	N
T-Mobile License LLC	D04019	PIMA, AZ	3	0010206629	WSBD414	N
T-Mobile License LLC	D04021	PINAL, AZ	1	0010206629	WSBD415	N
T-Mobile License LLC	D04021	PINAL, AZ	2	0010206629	WSBD416	N
T-Mobile License LLC	D04021	PINAL, AZ	3	0010206629	WSBD417	N
T-Mobile License LLC	D04023	SANTA CRUZ, AZ	1	0010206629	WSBD418	N
T-Mobile License LLC	D04023	SANTA CRUZ, AZ	2	0010206629	WSBD419	N
T-Mobile License LLC	D04023	SANTA CRUZ, AZ	3	0010206629	WSBD420	N
T-Mobile License LLC	D04025	YAVAPAI, AZ	1	0010206629	WSBD421	N
T-Mobile License LLC	D04025	YAVAPAI, AZ	2	0010206629	WSBD422	N
T-Mobile License LLC	D04025	YAVAPAI, AZ	3	0010206629	WSBD423	N
T-Mobile License LLC	D04027	YUMA, AZ	1	0010206629	WSBD424	N
T-Mobile License LLC	D04027	YUMA, AZ	2	0010206629	WSBD425	N
T-Mobile License LLC	D04027	YUMA, AZ	3	0010206629	WSBD426	N
T-Mobile License LLC	D05001	ARKANSAS, AR	1	0010206629	WSBD427	N
T-Mobile License LLC	D05001	ARKANSAS, AR	2	0010206629	WSBD428	N
T-Mobile License LLC	D05001	ARKANSAS, AR	3	0010206629	WSBD429	N
T-Mobile License LLC	D05003	ASHLEY, AR	1	0010206629	WSBD430	N
T-Mobile License LLC	D05003	ASHLEY, AR	2	0010206629	WSBD431	N
T-Mobile License LLC	D05003	ASHLEY, AR	3	0010206629	WSBD432	N
T-Mobile License LLC	D05005	BAXTER, AR	1	0010206629	WSBD433	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D05005	BAXTER, AR	2	0010206629	WSBD434	N
T-Mobile License LLC	D05005	BAXTER, AR	3	0010206629	WSBD435	N
T-Mobile License LLC	D05009	BOONE, AR	1	0010206629	WSBD436	N
T-Mobile License LLC	D05009	BOONE, AR	2	0010206629	WSBD437	N
T-Mobile License LLC	D05009	BOONE, AR	3	0010206629	WSBD438	N
T-Mobile License LLC	D05011	BRADLEY, AR	1	0010206629	WSBD439	N
T-Mobile License LLC	D05011	BRADLEY, AR	2	0010206629	WSBD440	N
T-Mobile License LLC	D05011	BRADLEY, AR	3	0010206629	WSBD441	N
T-Mobile License LLC	D05013	CALHOUN, AR	1	0010206629	WSBD442	N
T-Mobile License LLC	D05013	CALHOUN, AR	2	0010206629	WSBD443	N
T-Mobile License LLC	D05013	CALHOUN, AR	3	0010206629	WSBD444	N
T-Mobile License LLC	D05015	CARROLL, AR	1	0010206629	WSBD445	N
T-Mobile License LLC	D05015	CARROLL, AR	2	0010206629	WSBD446	N
T-Mobile License LLC	D05015	CARROLL, AR	3	0010206629	WSBD447	N
T-Mobile License LLC	D05017	CHICOT, AR	1	0010206629	WSBD448	N
T-Mobile License LLC	D05017	CHICOT, AR	2	0010206629	WSBD449	N
T-Mobile License LLC	D05017	CHICOT, AR	3	0010206629	WSBD450	N
T-Mobile License LLC	D05019	CLARK, AR	1	0010206629	WSBD451	N
T-Mobile License LLC	D05019	CLARK, AR	2	0010206629	WSBD452	N
T-Mobile License LLC	D05019	CLARK, AR	3	0010206629	WSBD453	N
T-Mobile License LLC	D05021	CLAY, AR	1	0010206629	WSBD454	N
T-Mobile License LLC	D05021	CLAY, AR	2	0010206629	WSBD455	N
T-Mobile License LLC	D05021	CLAY, AR	3	0010206629	WSBD456	N
T-Mobile License LLC	D05023	CLEBURNE, AR	1	0010206629	WSBD457	N
T-Mobile License LLC	D05023	CLEBURNE, AR	2	0010206629	WSBD458	N
T-Mobile License LLC	D05023	CLEBURNE, AR	3	0010206629	WSBD459	N
T-Mobile License LLC	D05025	CLEVELAND, AR	1	0010206629	WSBD460	N
T-Mobile License LLC	D05025	CLEVELAND, AR	2	0010206629	WSBD461	N
T-Mobile License LLC	D05025	CLEVELAND, AR	3	0010206629	WSBD462	N
T-Mobile License LLC	D05029	CONWAY, AR	1	0010206629	WSBD463	N
T-Mobile License LLC	D05029	CONWAY, AR	2	0010206629	WSBD464	N
T-Mobile License LLC	D05029	CONWAY, AR	3	0010206629	WSBD465	N
T-Mobile License LLC	D05031	CRAIGHEAD, AR	1	0010206629	WSBD466	N
T-Mobile License LLC	D05031	CRAIGHEAD, AR	2	0010206629	WSBD467	N
T-Mobile License LLC	D05031	CRAIGHEAD, AR	3	0010206629	WSBD468	N
T-Mobile License LLC	D05035	CRITTENDEN, AR	1	0010206629	WSBD469	N
T-Mobile License LLC	D05035	CRITTENDEN, AR	2	0010206629	WSBD470	N
T-Mobile License LLC	D05035	CRITTENDEN, AR	3	0010206629	WSBD471	N
T-Mobile License LLC	D05039	DALLAS, AR	1	0010206629	WSBD472	N
T-Mobile License LLC	D05039	DALLAS, AR	2	0010206629	WSBD473	N
T-Mobile License LLC	D05039	DALLAS, AR	3	0010206629	WSBD474	N
T-Mobile License LLC	D05041	DESHA, AR	3	0010206629	WSBD475	N
T-Mobile License LLC	D05043	DREW, AR	1	0010206629	WSBD476	N
T-Mobile License LLC	D05043	DREW, AR	2	0010206629	WSBD477	N
T-Mobile License LLC	D05043	DREW, AR	3	0010206629	WSBD478	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D05045	FAULKNER, AR	1	0010206629	WSBD479	N
T-Mobile License LLC	D05045	FAULKNER, AR	2	0010206629	WSBD480	N
T-Mobile License LLC	D05045	FAULKNER, AR	3	0010206629	WSBD481	N
T-Mobile License LLC	D05047	FRANKLIN, AR	1	0010206629	WSBD482	N
T-Mobile License LLC	D05047	FRANKLIN, AR	2	0010206629	WSBD483	N
T-Mobile License LLC	D05047	FRANKLIN, AR	3	0010206629	WSBD484	N
T-Mobile License LLC	D05049	FULTON, AR	1	0010206629	WSBD485	N
T-Mobile License LLC	D05049	FULTON, AR	2	0010206629	WSBD486	N
T-Mobile License LLC	D05049	FULTON, AR	3	0010206629	WSBD487	N
T-Mobile License LLC	D05053	GRANT, AR	1	0010206629	WSBD488	N
T-Mobile License LLC	D05053	GRANT, AR	2	0010206629	WSBD489	N
T-Mobile License LLC	D05053	GRANT, AR	3	0010206629	WSBD490	N
T-Mobile License LLC	D05057	HEMPSTEAD, AR	1	0010206629	WSBD491	N
T-Mobile License LLC	D05057	HEMPSTEAD, AR	2	0010206629	WSBD492	N
T-Mobile License LLC	D05057	HEMPSTEAD, AR	3	0010206629	WSBD493	N
T-Mobile License LLC	D05061	HOWARD, AR	1	0010206629	WSBD494	N
T-Mobile License LLC	D05061	HOWARD, AR	2	0010206629	WSBD495	N
T-Mobile License LLC	D05061	HOWARD, AR	3	0010206629	WSBD496	N
T-Mobile License LLC	D05063	INDEPENDENCE, AR	2	0010206629	WSBD497	N
T-Mobile License LLC	D05063	INDEPENDENCE, AR	3	0010206629	WSBD498	N
T-Mobile License LLC	D05065	IZARD, AR	1	0010206629	WSBD499	N
T-Mobile License LLC	D05065	IZARD, AR	2	0010206629	WSBD500	N
T-Mobile License LLC	D05065	IZARD, AR	3	0010206629	WSBD501	N
T-Mobile License LLC	D05067	JACKSON, AR	1	0010206629	WSBD502	N
T-Mobile License LLC	D05067	JACKSON, AR	2	0010206629	WSBD503	N
T-Mobile License LLC	D05067	JACKSON, AR	3	0010206629	WSBD504	N
T-Mobile License LLC	D05069	JEFFERSON, AR	2	0010206629	WSBD505	N
T-Mobile License LLC	D05069	JEFFERSON, AR	3	0010206629	WSBD506	N
T-Mobile License LLC	D05071	JOHNSON, AR	1	0010206629	WSBD507	N
T-Mobile License LLC	D05071	JOHNSON, AR	2	0010206629	WSBD508	N
T-Mobile License LLC	D05071	JOHNSON, AR	3	0010206629	WSBD509	N
T-Mobile License LLC	D05073	LAFAYETTE, AR	1	0010206629	WSBD510	N
T-Mobile License LLC	D05073	LAFAYETTE, AR	2	0010206629	WSBD511	N
T-Mobile License LLC	D05073	LAFAYETTE, AR	3	0010206629	WSBD512	N
T-Mobile License LLC	D05075	LAWRENCE, AR	1	0010206629	WSBD513	N
T-Mobile License LLC	D05075	LAWRENCE, AR	2	0010206629	WSBD514	N
T-Mobile License LLC	D05075	LAWRENCE, AR	3	0010206629	WSBD515	N
T-Mobile License LLC	D05081	LITTLE RIVER, AR	1	0010206629	WSBD516	N
T-Mobile License LLC	D05081	LITTLE RIVER, AR	2	0010206629	WSBD517	N
T-Mobile License LLC	D05083	LOGAN, AR	1	0010206629	WSBD518	N
T-Mobile License LLC	D05083	LOGAN, AR	2	0010206629	WSBD519	N
T-Mobile License LLC	D05083	LOGAN, AR	3	0010206629	WSBD520	N
T-Mobile License LLC	D05085	LONOKE, AR	1	0010206629	WSBD521	N
T-Mobile License LLC	D05085	LONOKE, AR	2	0010206629	WSBD522	N
T-Mobile License LLC	D05085	LONOKE, AR	3	0010206629	WSBD523	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D05087	MADISON, AR	1	0010206629	WSBD524	N
T-Mobile License LLC	D05087	MADISON, AR	2	0010206629	WSBD525	N
T-Mobile License LLC	D05087	MADISON, AR	3	0010206629	WSBD526	N
T-Mobile License LLC	D05089	MARION, AR	1	0010206629	WSBD527	N
T-Mobile License LLC	D05089	MARION, AR	2	0010206629	WSBD528	N
T-Mobile License LLC	D05089	MARION, AR	3	0010206629	WSBD529	N
T-Mobile License LLC	D05091	MILLER, AR	1	0010206629	WSBD530	N
T-Mobile License LLC	D05091	MILLER, AR	2	0010206629	WSBD531	N
T-Mobile License LLC	D05093	MISSISSIPPI, AR	1	0010206629	WSBD532	N
T-Mobile License LLC	D05093	MISSISSIPPI, AR	2	0010206629	WSBD533	N
T-Mobile License LLC	D05093	MISSISSIPPI, AR	3	0010206629	WSBD534	N
T-Mobile License LLC	D05095	MONROE, AR	1	0010206629	WSBD535	N
T-Mobile License LLC	D05095	MONROE, AR	2	0010206629	WSBD536	N
T-Mobile License LLC	D05095	MONROE, AR	3	0010206629	WSBD537	N
T-Mobile License LLC	D05097	MONTGOMERY, AR	1	0010206629	WSBD538	N
T-Mobile License LLC	D05097	MONTGOMERY, AR	2	0010206629	WSBD539	N
T-Mobile License LLC	D05097	MONTGOMERY, AR	3	0010206629	WSBD540	N
T-Mobile License LLC	D05099	NEVADA, AR	1	0010206629	WSBD541	N
T-Mobile License LLC	D05099	NEVADA, AR	2	0010206629	WSBD542	N
T-Mobile License LLC	D05099	NEVADA, AR	3	0010206629	WSBD543	N
T-Mobile License LLC	D05101	NEWTON, AR	1	0010206629	WSBD544	N
T-Mobile License LLC	D05101	NEWTON, AR	2	0010206629	WSBD545	N
T-Mobile License LLC	D05101	NEWTON, AR	3	0010206629	WSBD546	N
T-Mobile License LLC	D05103	OUACHITA, AR	1	0010206629	WSBD547	N
T-Mobile License LLC	D05103	OUACHITA, AR	2	0010206629	WSBD548	N
T-Mobile License LLC	D05103	OUACHITA, AR	3	0010206629	WSBD549	N
T-Mobile License LLC	D05105	PERRY, AR	1	0010206629	WSBD550	N
T-Mobile License LLC	D05105	PERRY, AR	2	0010206629	WSBD551	N
T-Mobile License LLC	D05105	PERRY, AR	3	0010206629	WSBD552	N
T-Mobile License LLC	D05107	PHILLIPS, AR	1	0010206629	WSBD553	N
T-Mobile License LLC	D05107	PHILLIPS, AR	2	0010206629	WSBD554	N
T-Mobile License LLC	D05107	PHILLIPS, AR	3	0010206629	WSBD555	N
T-Mobile License LLC	D05109	PIKE, AR	1	0010206629	WSBD556	N
T-Mobile License LLC	D05109	PIKE, AR	2	0010206629	WSBD557	N
T-Mobile License LLC	D05109	PIKE, AR	3	0010206629	WSBD558	N
T-Mobile License LLC	D05111	POINSETT, AR	1	0010206629	WSBD559	N
T-Mobile License LLC	D05111	POINSETT, AR	2	0010206629	WSBD560	N
T-Mobile License LLC	D05111	POINSETT, AR	3	0010206629	WSBD561	N
T-Mobile License LLC	D05113	POLK, AR	1	0010206629	WSBD562	N
T-Mobile License LLC	D05113	POLK, AR	2	0010206629	WSBD563	N
T-Mobile License LLC	D05113	POLK, AR	3	0010206629	WSBD564	N
T-Mobile License LLC	D05115	POPE, AR	1	0010206629	WSBD565	N
T-Mobile License LLC	D05115	POPE, AR	2	0010206629	WSBD566	N
T-Mobile License LLC	D05115	POPE, AR	3	0010206629	WSBD567	N
T-Mobile License LLC	D05117	PRAIRIE, AR	1	0010206629	WSBD568	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D05117	PRAIRIE, AR	2	0010206629	WSBD569	N
T-Mobile License LLC	D05117	PRAIRIE, AR	3	0010206629	WSBD570	N
T-Mobile License LLC	D05119	PULASKI, AR	2	0010206629	WSBD571	N
T-Mobile License LLC	D05119	PULASKI, AR	3	0010206629	WSBD572	N
T-Mobile License LLC	D05121	RANDOLPH, AR	1	0010206629	WSBD573	N
T-Mobile License LLC	D05121	RANDOLPH, AR	2	0010206629	WSBD574	N
T-Mobile License LLC	D05121	RANDOLPH, AR	3	0010206629	WSBD575	N
T-Mobile License LLC	D05125	SALINE, AR	2	0010206629	WSBD576	N
T-Mobile License LLC	D05125	SALINE, AR	3	0010206629	WSBD577	N
T-Mobile License LLC	D05127	SCOTT, AR	1	0010206629	WSBD578	N
T-Mobile License LLC	D05127	SCOTT, AR	2	0010206629	WSBD579	N
T-Mobile License LLC	D05127	SCOTT, AR	3	0010206629	WSBD580	N
T-Mobile License LLC	D05129	SEARCY, AR	1	0010206629	WSBD581	N
T-Mobile License LLC	D05129	SEARCY, AR	2	0010206629	WSBD582	N
T-Mobile License LLC	D05129	SEARCY, AR	3	0010206629	WSBD583	N
T-Mobile License LLC	D05131	SEBASTIAN, AR	1	0010206629	WSBD584	N
T-Mobile License LLC	D05131	SEBASTIAN, AR	2	0010206629	WSBD585	N
T-Mobile License LLC	D05131	SEBASTIAN, AR	3	0010206629	WSBD586	N
T-Mobile License LLC	D05133	SEVIER, AR	1	0010206629	WSBD587	N
T-Mobile License LLC	D05133	SEVIER, AR	2	0010206629	WSBD588	N
T-Mobile License LLC	D05133	SEVIER, AR	3	0010206629	WSBD589	N
T-Mobile License LLC	D05135	SHARP, AR	1	0010206629	WSBD590	N
T-Mobile License LLC	D05135	SHARP, AR	2	0010206629	WSBD591	N
T-Mobile License LLC	D05135	SHARP, AR	3	0010206629	WSBD592	N
T-Mobile License LLC	D05137	STONE, AR	1	0010206629	WSBD593	N
T-Mobile License LLC	D05137	STONE, AR	2	0010206629	WSBD594	N
T-Mobile License LLC	D05137	STONE, AR	3	0010206629	WSBD595	N
T-Mobile License LLC	D05139	UNION, AR	1	0010206629	WSBD596	N
T-Mobile License LLC	D05139	UNION, AR	2	0010206629	WSBD597	N
T-Mobile License LLC	D05139	UNION, AR	3	0010206629	WSBD598	N
T-Mobile License LLC	D05141	VAN BUREN, AR	1	0010206629	WSBD599	N
T-Mobile License LLC	D05141	VAN BUREN, AR	2	0010206629	WSBD600	N
T-Mobile License LLC	D05141	VAN BUREN, AR	3	0010206629	WSBD601	N
T-Mobile License LLC	D05149	YELL, AR	1	0010206629	WSBD602	N
T-Mobile License LLC	D05149	YELL, AR	2	0010206629	WSBD603	N
T-Mobile License LLC	D05149	YELL, AR	3	0010206629	WSBD604	N
T-Mobile License LLC	D06003	ALPINE, CA	1	0010206629	WSBD605	N
T-Mobile License LLC	D06003	ALPINE, CA	2	0010206629	WSBD606	N
T-Mobile License LLC	D06003	ALPINE, CA	3	0010206629	WSBD607	N
T-Mobile License LLC	D06005	AMADOR, CA	1	0010206629	WSBD608	N
T-Mobile License LLC	D06005	AMADOR, CA	2	0010206629	WSBD609	N
T-Mobile License LLC	D06005	AMADOR, CA	3	0010206629	WSBD610	N
T-Mobile License LLC	D06007	BUTTE, CA	1	0010206629	WSBD611	N
T-Mobile License LLC	D06007	BUTTE, CA	2	0010206629	WSBD612	N
T-Mobile License LLC	D06007	BUTTE, CA	3	0010206629	WSBD613	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D06009	CALAVERAS, CA	1	0010206629	WSBD614	N
T-Mobile License LLC	D06009	CALAVERAS, CA	2	0010206629	WSBD615	N
T-Mobile License LLC	D06009	CALAVERAS, CA	3	0010206629	WSBD616	N
T-Mobile License LLC	D06011	COLUSA, CA	1	0010206629	WSBD617	N
T-Mobile License LLC	D06011	COLUSA, CA	2	0010206629	WSBD618	N
T-Mobile License LLC	D06011	COLUSA, CA	3	0010206629	WSBD619	N
T-Mobile License LLC	D06013	CONTRA COSTA, CA	1	0010206629	WSBD620	N
T-Mobile License LLC	D06013	CONTRA COSTA, CA	2	0010206629	WSBD621	N
T-Mobile License LLC	D06015	DEL NORTE, CA	1	0010206629	WSBD622	N
T-Mobile License LLC	D06015	DEL NORTE, CA	2	0010206629	WSBD623	N
T-Mobile License LLC	D06015	DEL NORTE, CA	3	0010206629	WSBD624	N
T-Mobile License LLC	D06017	EL DORADO, CA	1	0010206629	WSBD625	N
T-Mobile License LLC	D06017	EL DORADO, CA	2	0010206629	WSBD626	N
T-Mobile License LLC	D06017	EL DORADO, CA	3	0010206629	WSBD627	N
T-Mobile License LLC	D06019	FRESNO, CA	1	0010206629	WSBD628	N
T-Mobile License LLC	D06019	FRESNO, CA	2	0010206629	WSBD629	N
T-Mobile License LLC	D06019	FRESNO, CA	3	0010206629	WSBD630	N
T-Mobile License LLC	D06021	GLENN, CA	1	0010206629	WSBD631	N
T-Mobile License LLC	D06021	GLENN, CA	2	0010206629	WSBD632	N
T-Mobile License LLC	D06021	GLENN, CA	3	0010206629	WSBD633	N
T-Mobile License LLC	D06023	HUMBOLDT, CA	1	0010206629	WSBD634	N
T-Mobile License LLC	D06023	HUMBOLDT, CA	2	0010206629	WSBD635	N
T-Mobile License LLC	D06023	HUMBOLDT, CA	3	0010206629	WSBD636	N
T-Mobile License LLC	D06025	IMPERIAL, CA	1	0010206629	WSBD637	N
T-Mobile License LLC	D06025	IMPERIAL, CA	2	0010206629	WSBD638	N
T-Mobile License LLC	D06025	IMPERIAL, CA	3	0010206629	WSBD639	N
T-Mobile License LLC	D06027	INYO, CA	1	0010206629	WSBD640	N
T-Mobile License LLC	D06027	INYO, CA	2	0010206629	WSBD641	N
T-Mobile License LLC	D06027	INYO, CA	3	0010206629	WSBD642	N
T-Mobile License LLC	D06029	KERN, CA	1	0010206629	WSBD643	N
T-Mobile License LLC	D06029	KERN, CA	2	0010206629	WSBD644	N
T-Mobile License LLC	D06029	KERN, CA	3	0010206629	WSBD645	N
T-Mobile License LLC	D06031	KINGS, CA	2	0010206629	WSBD646	N
T-Mobile License LLC	D06033	LAKE, CA	1	0010206629	WSBD647	N
T-Mobile License LLC	D06033	LAKE, CA	2	0010206629	WSBD648	N
T-Mobile License LLC	D06033	LAKE, CA	3	0010206629	WSBD649	N
T-Mobile License LLC	D06035	LASSEN, CA	2	0010206629	WSBD650	N
T-Mobile License LLC	D06035	LASSEN, CA	3	0010206629	WSBD651	N
T-Mobile License LLC	D06037	LOS ANGELES, CA	2	0010206629	WSBD652	N
T-Mobile License LLC	D06037	LOS ANGELES, CA	3	0010206629	WSBD653	N
T-Mobile License LLC	D06039	MADERA, CA	2	0010206629	WSBD654	N
T-Mobile License LLC	D06039	MADERA, CA	3	0010206629	WSBD655	N
T-Mobile License LLC	D06041	MARIN, CA	1	0010206629	WSBD656	N
T-Mobile License LLC	D06041	MARIN, CA	2	0010206629	WSBD657	N
T-Mobile License LLC	D06043	MARIPOSA, CA	1	0010206629	WSBD658	N

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SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D06043	MARIPOSA, CA	2	0010206629	WSBD659	N
T-Mobile License LLC	D06043	MARIPOSA, CA	3	0010206629	WSBD660	N
T-Mobile License LLC	D06045	MENDOCINO, CA	1	0010206629	WSBD661	N
T-Mobile License LLC	D06045	MENDOCINO, CA	2	0010206629	WSBD662	N
T-Mobile License LLC	D06045	MENDOCINO, CA	3	0010206629	WSBD663	N
T-Mobile License LLC	D06047	MERCED, CA	1	0010206629	WSBD664	N
T-Mobile License LLC	D06047	MERCED, CA	2	0010206629	WSBD665	N
T-Mobile License LLC	D06047	MERCED, CA	3	0010206629	WSBD666	N
T-Mobile License LLC	D06049	MODOC, CA	2	0010206629	WSBD667	N
T-Mobile License LLC	D06049	MODOC, CA	3	0010206629	WSBD668	N
T-Mobile License LLC	D06051	MONO, CA	1	0010206629	WSBD669	N
T-Mobile License LLC	D06051	MONO, CA	2	0010206629	WSBD670	N
T-Mobile License LLC	D06051	MONO, CA	3	0010206629	WSBD671	N
T-Mobile License LLC	D06053	MONTEREY, CA	1	0010206629	WSBD672	N
T-Mobile License LLC	D06053	MONTEREY, CA	2	0010206629	WSBD673	N
T-Mobile License LLC	D06053	MONTEREY, CA	3	0010206629	WSBD674	N
T-Mobile License LLC	D06055	NAPA, CA	1	0010206629	WSBD675	N
T-Mobile License LLC	D06055	NAPA, CA	3	0010206629	WSBD676	N
T-Mobile License LLC	D06057	NEVADA, CA	1	0010206629	WSBD677	N
T-Mobile License LLC	D06057	NEVADA, CA	2	0010206629	WSBD678	N
T-Mobile License LLC	D06057	NEVADA, CA	3	0010206629	WSBD679	N
T-Mobile License LLC	D06061	PLACER, CA	1	0010206629	WSBD680	N
T-Mobile License LLC	D06061	PLACER, CA	2	0010206629	WSBD681	N
T-Mobile License LLC	D06061	PLACER, CA	3	0010206629	WSBD682	N
T-Mobile License LLC	D06063	PLUMAS, CA	2	0010206629	WSBD683	N
T-Mobile License LLC	D06063	PLUMAS, CA	3	0010206629	WSBD684	N
T-Mobile License LLC	D06065	RIVERSIDE, CA	2	0010206629	WSBD685	N
T-Mobile License LLC	D06065	RIVERSIDE, CA	3	0010206629	WSBD686	N
T-Mobile License LLC	D06069	SAN BENITO, CA	2	0010206629	WSBD687	N
T-Mobile License LLC	D06069	SAN BENITO, CA	3	0010206629	WSBD688	N
T-Mobile License LLC	D06071	SAN BERNARDINO, CA	1	0010206629	WSBD689	N
T-Mobile License LLC	D06071	SAN BERNARDINO, CA	2	0010206629	WSBD690	N
T-Mobile License LLC	D06071	SAN BERNARDINO, CA	3	0010206629	WSBD691	N
T-Mobile License LLC	D06073	SAN DIEGO, CA	3	0010206629	WSBD692	N
T-Mobile License LLC	D06077	SAN JOAQUIN, CA	1	0010206629	WSBD693	N
T-Mobile License LLC	D06077	SAN JOAQUIN, CA	2	0010206629	WSBD694	N
T-Mobile License LLC	D06077	SAN JOAQUIN, CA	3	0010206629	WSBD695	N
T-Mobile License LLC	D06079	SAN LUIS OBISPO, CA	1	0010206629	WSBD696	N
T-Mobile License LLC	D06079	SAN LUIS OBISPO, CA	2	0010206629	WSBD697	N
T-Mobile License LLC	D06079	SAN LUIS OBISPO, CA	3	0010206629	WSBD698	N
T-Mobile License LLC	D06081	SAN MATEO, CA	1	0010206629	WSBD699	N
T-Mobile License LLC	D06081	SAN MATEO, CA	2	0010206629	WSBD700	N
T-Mobile License LLC	D06081	SAN MATEO, CA	3	0010206629	WSBD701	N
T-Mobile License LLC	D06083	SANTA BARBARA, CA	1	0010206629	WSBD702	N
T-Mobile License LLC	D06083	SANTA BARBARA, CA	2	0010206629	WSBD703	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D06083	SANTA BARBARA, CA	3	0010206629	WSBD704	N
T-Mobile License LLC	D06085	SANTA CLARA, CA	1	0010206629	WSBD705	N
T-Mobile License LLC	D06085	SANTA CLARA, CA	2	0010206629	WSBD706	N
T-Mobile License LLC	D06087	SANTA CRUZ, CA	1	0010206629	WSBD707	N
T-Mobile License LLC	D06087	SANTA CRUZ, CA	2	0010206629	WSBD708	N
T-Mobile License LLC	D06087	SANTA CRUZ, CA	3	0010206629	WSBD709	N
T-Mobile License LLC	D06089	SHASTA, CA	2	0010206629	WSBD710	N
T-Mobile License LLC	D06089	SHASTA, CA	3	0010206629	WSBD711	N
T-Mobile License LLC	D06091	SIERRA, CA	1	0010206629	WSBD712	N
T-Mobile License LLC	D06091	SIERRA, CA	2	0010206629	WSBD713	N
T-Mobile License LLC	D06091	SIERRA, CA	3	0010206629	WSBD714	N
T-Mobile License LLC	D06093	SISKIYOU, CA	2	0010206629	WSBD715	N
T-Mobile License LLC	D06093	SISKIYOU, CA	3	0010206629	WSBD716	N
T-Mobile License LLC	D06095	SOLANO, CA	1	0010206629	WSBD717	N
T-Mobile License LLC	D06095	SOLANO, CA	2	0010206629	WSBD718	N
T-Mobile License LLC	D06097	SONOMA, CA	1	0010206629	WSBD719	N
T-Mobile License LLC	D06097	SONOMA, CA	2	0010206629	WSBD720	N
T-Mobile License LLC	D06097	SONOMA, CA	3	0010206629	WSBD721	N
T-Mobile License LLC	D06099	STANISLAUS, CA	1	0010206629	WSBD722	N
T-Mobile License LLC	D06099	STANISLAUS, CA	2	0010206629	WSBD723	N
T-Mobile License LLC	D06103	TEHAMA, CA	1	0010206629	WSBD724	N
T-Mobile License LLC	D06103	TEHAMA, CA	2	0010206629	WSBD725	N
T-Mobile License LLC	D06103	TEHAMA, CA	3	0010206629	WSBD726	N
T-Mobile License LLC	D06105	TRINITY, CA	1	0010206629	WSBD727	N
T-Mobile License LLC	D06105	TRINITY, CA	2	0010206629	WSBD728	N
T-Mobile License LLC	D06105	TRINITY, CA	3	0010206629	WSBD729	N
T-Mobile License LLC	D06107	TULARE, CA	2	0010206629	WSBD730	N
T-Mobile License LLC	D06107	TULARE, CA	3	0010206629	WSBD731	N
T-Mobile License LLC	D06109	TUOLUMNE, CA	2	0010206629	WSBD732	N
T-Mobile License LLC	D06109	TUOLUMNE, CA	3	0010206629	WSBD733	N
T-Mobile License LLC	D06111	VENTURA, CA	1	0010206629	WSBD734	N
T-Mobile License LLC	D06111	VENTURA, CA	2	0010206629	WSBD735	N
T-Mobile License LLC	D06111	VENTURA, CA	3	0010206629	WSBD736	N
T-Mobile License LLC	D06113	YOLO, CA	1	0010206629	WSBD737	N
T-Mobile License LLC	D06113	YOLO, CA	2	0010206629	WSBD738	N
T-Mobile License LLC	D06113	YOLO, CA	3	0010206629	WSBD739	N
T-Mobile License LLC	D06115	YUBA, CA	1	0010206629	WSBD740	N
T-Mobile License LLC	D06115	YUBA, CA	2	0010206629	WSBD741	N
T-Mobile License LLC	D06115	YUBA, CA	3	0010206629	WSBD742	N
T-Mobile License LLC	D08001	ADAMS, CO	1	0010206629	WSBD743	N
T-Mobile License LLC	D08001	ADAMS, CO	2	0010206629	WSBD744	N
T-Mobile License LLC	D08001	ADAMS, CO	3	0010206629	WSBD745	N
T-Mobile License LLC	D08003	ALAMOSA, CO	1	0010206629	WSBD746	N
T-Mobile License LLC	D08003	ALAMOSA, CO	2	0010206629	WSBD747	N
T-Mobile License LLC	D08003	ALAMOSA, CO	3	0010206629	WSBD748	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D08005	ARAPAHOE, CO	1	0010206629	WSBD749	N
T-Mobile License LLC	D08005	ARAPAHOE, CO	2	0010206629	WSBD750	N
T-Mobile License LLC	D08005	ARAPAHOE, CO	3	0010206629	WSBD751	N
T-Mobile License LLC	D08007	ARCHULETA, CO	1	0010206629	WSBD752	N
T-Mobile License LLC	D08007	ARCHULETA, CO	2	0010206629	WSBD753	N
T-Mobile License LLC	D08007	ARCHULETA, CO	3	0010206629	WSBD754	N
T-Mobile License LLC	D08009	BACA, CO	2	0010206629	WSBD755	N
T-Mobile License LLC	D08009	BACA, CO	3	0010206629	WSBD756	N
T-Mobile License LLC	D08011	BENT, CO	2	0010206629	WSBD757	N
T-Mobile License LLC	D08011	BENT, CO	3	0010206629	WSBD758	N
T-Mobile License LLC	D08013	BOULDER, CO	1	0010206629	WSBD759	N
T-Mobile License LLC	D08013	BOULDER, CO	2	0010206629	WSBD760	N
T-Mobile License LLC	D08015	CHAFFEE, CO	1	0010206629	WSBD761	N
T-Mobile License LLC	D08015	CHAFFEE, CO	2	0010206629	WSBD762	N
T-Mobile License LLC	D08015	CHAFFEE, CO	3	0010206629	WSBD763	N
T-Mobile License LLC	D08017	CHEYENNE, CO	1	0010206629	WSBD764	N
T-Mobile License LLC	D08017	CHEYENNE, CO	2	0010206629	WSBD765	N
T-Mobile License LLC	D08017	CHEYENNE, CO	3	0010206629	WSBD766	N
T-Mobile License LLC	D08019	CLEAR CREEK, CO	1	0010206629	WSBD767	N
T-Mobile License LLC	D08019	CLEAR CREEK, CO	2	0010206629	WSBD768	N
T-Mobile License LLC	D08019	CLEAR CREEK, CO	3	0010206629	WSBD769	N
T-Mobile License LLC	D08021	CONEJOS, CO	2	0010206629	WSBD770	N
T-Mobile License LLC	D08021	CONEJOS, CO	3	0010206629	WSBD771	N
T-Mobile License LLC	D08023	COSTILLA, CO	2	0010206629	WSBD772	N
T-Mobile License LLC	D08023	COSTILLA, CO	3	0010206629	WSBD773	N
T-Mobile License LLC	D08025	CROWLEY, CO	2	0010206629	WSBD774	N
T-Mobile License LLC	D08025	CROWLEY, CO	3	0010206629	WSBD775	N
T-Mobile License LLC	D08027	CUSTER, CO	1	0010206629	WSBD776	N
T-Mobile License LLC	D08027	CUSTER, CO	2	0010206629	WSBD777	N
T-Mobile License LLC	D08027	CUSTER, CO	3	0010206629	WSBD778	N
T-Mobile License LLC	D08029	DELTA, CO	2	0010206629	WSBD779	N
T-Mobile License LLC	D08029	DELTA, CO	3	0010206629	WSBD780	N
T-Mobile License LLC	D08031	DENVER, CO	1	0010206629	WSBD781	N
T-Mobile License LLC	D08031	DENVER, CO	2	0010206629	WSBD782	N
T-Mobile License LLC	D08031	DENVER, CO	3	0010206629	WSBD783	N
T-Mobile License LLC	D08033	DOLORES, CO	2	0010206629	WSBD784	N
T-Mobile License LLC	D08033	DOLORES, CO	3	0010206629	WSBD785	N
T-Mobile License LLC	D08035	DOUGLAS, CO	1	0010206629	WSBD786	N
T-Mobile License LLC	D08035	DOUGLAS, CO	2	0010206629	WSBD787	N
T-Mobile License LLC	D08035	DOUGLAS, CO	3	0010206629	WSBD788	N
T-Mobile License LLC	D08037	EAGLE, CO	2	0010206629	WSBD789	N
T-Mobile License LLC	D08037	EAGLE, CO	3	0010206629	WSBD790	N
T-Mobile License LLC	D08039	ELBERT, CO	1	0010206629	WSBD791	N
T-Mobile License LLC	D08039	ELBERT, CO	2	0010206629	WSBD792	N
T-Mobile License LLC	D08039	ELBERT, CO	3	0010206629	WSBD793	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D08041	EL PASO, CO	2	0010206629	WSBD794	N
T-Mobile License LLC	D08041	EL PASO, CO	3	0010206629	WSBD795	N
T-Mobile License LLC	D08045	GARFIELD, CO	1	0010206629	WSBD796	N
T-Mobile License LLC	D08045	GARFIELD, CO	2	0010206629	WSBD797	N
T-Mobile License LLC	D08045	GARFIELD, CO	3	0010206629	WSBD798	N
T-Mobile License LLC	D08049	GRAND, CO	2	0010206629	WSBD799	N
T-Mobile License LLC	D08049	GRAND, CO	3	0010206629	WSBD800	N
T-Mobile License LLC	D08051	GUNNISON, CO	1	0010206629	WSBD801	N
T-Mobile License LLC	D08051	GUNNISON, CO	2	0010206629	WSBD802	N
T-Mobile License LLC	D08051	GUNNISON, CO	3	0010206629	WSBD803	N
T-Mobile License LLC	D08053	HINSDALE, CO	1	0010206629	WSBD804	N
T-Mobile License LLC	D08053	HINSDALE, CO	2	0010206629	WSBD805	N
T-Mobile License LLC	D08053	HINSDALE, CO	3	0010206629	WSBD806	N
T-Mobile License LLC	D08055	HUERFANO, CO	2	0010206629	WSBD807	N
T-Mobile License LLC	D08055	HUERFANO, CO	3	0010206629	WSBD808	N
T-Mobile License LLC	D08057	JACKSON, CO	2	0010206629	WSBD809	N
T-Mobile License LLC	D08057	JACKSON, CO	3	0010206629	WSBD810	N
T-Mobile License LLC	D08059	JEFFERSON, CO	1	0010206629	WSBD811	N
T-Mobile License LLC	D08059	JEFFERSON, CO	2	0010206629	WSBD812	N
T-Mobile License LLC	D08059	JEFFERSON, CO	3	0010206629	WSBD813	N
T-Mobile License LLC	D08061	KIOWA, CO	2	0010206629	WSBD814	N
T-Mobile License LLC	D08061	KIOWA, CO	3	0010206629	WSBD815	N
T-Mobile License LLC	D08063	KIT CARSON, CO	1	0010206629	WSBD816	N
T-Mobile License LLC	D08063	KIT CARSON, CO	2	0010206629	WSBD817	N
T-Mobile License LLC	D08063	KIT CARSON, CO	3	0010206629	WSBD818	N
T-Mobile License LLC	D08065	LAKE, CO	2	0010206629	WSBD819	N
T-Mobile License LLC	D08065	LAKE, CO	3	0010206629	WSBD820	N
T-Mobile License LLC	D08067	LA PLATA, CO	2	0010206629	WSBD821	N
T-Mobile License LLC	D08067	LA PLATA, CO	3	0010206629	WSBD822	N
T-Mobile License LLC	D08069	LARIMER, CO	1	0010206629	WSBD823	N
T-Mobile License LLC	D08069	LARIMER, CO	2	0010206629	WSBD824	N
T-Mobile License LLC	D08069	LARIMER, CO	3	0010206629	WSBD825	N
T-Mobile License LLC	D08071	LAS ANIMAS, CO	2	0010206629	WSBD826	N
T-Mobile License LLC	D08071	LAS ANIMAS, CO	3	0010206629	WSBD827	N
T-Mobile License LLC	D08073	LINCOLN, CO	2	0010206629	WSBD828	N
T-Mobile License LLC	D08073	LINCOLN, CO	3	0010206629	WSBD829	N
T-Mobile License LLC	D08075	LOGAN, CO	1	0010206629	WSBD830	N
T-Mobile License LLC	D08075	LOGAN, CO	2	0010206629	WSBD831	N
T-Mobile License LLC	D08075	LOGAN, CO	3	0010206629	WSBD832	N
T-Mobile License LLC	D08077	MESA, CO	2	0010206629	WSBD833	N
T-Mobile License LLC	D08077	MESA, CO	3	0010206629	WSBD834	N
T-Mobile License LLC	D08079	MINERAL, CO	1	0010206629	WSBD835	N
T-Mobile License LLC	D08079	MINERAL, CO	2	0010206629	WSBD836	N
T-Mobile License LLC	D08079	MINERAL, CO	3	0010206629	WSBD837	N
T-Mobile License LLC	D08081	MOFFAT, CO	2	0010206629	WSBD838	N

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T-Mobile License LLC	D08081	MOFFAT, CO	3	0010206629	WSBD839	N
T-Mobile License LLC	D08083	MONTEZUMA, CO	1	0010206629	WSBD840	N
T-Mobile License LLC	D08083	MONTEZUMA, CO	2	0010206629	WSBD841	N
T-Mobile License LLC	D08085	MONTROSE, CO	2	0010206629	WSBD842	N
T-Mobile License LLC	D08085	MONTROSE, CO	3	0010206629	WSBD843	N
T-Mobile License LLC	D08087	MORGAN, CO	1	0010206629	WSBD844	N
T-Mobile License LLC	D08087	MORGAN, CO	2	0010206629	WSBD845	N
T-Mobile License LLC	D08087	MORGAN, CO	3	0010206629	WSBD846	N
T-Mobile License LLC	D08089	OTERO, CO	2	0010206629	WSBD847	N
T-Mobile License LLC	D08089	OTERO, CO	3	0010206629	WSBD848	N
T-Mobile License LLC	D08091	OURAY, CO	2	0010206629	WSBD849	N
T-Mobile License LLC	D08091	OURAY, CO	3	0010206629	WSBD850	N
T-Mobile License LLC	D08093	PARK, CO	2	0010206629	WSBD851	N
T-Mobile License LLC	D08093	PARK, CO	3	0010206629	WSBD852	N
T-Mobile License LLC	D08095	PHILLIPS, CO	1	0010206629	WSBD853	N
T-Mobile License LLC	D08095	PHILLIPS, CO	2	0010206629	WSBD854	N
T-Mobile License LLC	D08095	PHILLIPS, CO	3	0010206629	WSBD855	N
T-Mobile License LLC	D08097	PITKIN, CO	2	0010206629	WSBD856	N
T-Mobile License LLC	D08097	PITKIN, CO	3	0010206629	WSBD857	N
T-Mobile License LLC	D08099	PROWERS, CO	1	0010206629	WSBD858	N
T-Mobile License LLC	D08099	PROWERS, CO	2	0010206629	WSBD859	N
T-Mobile License LLC	D08099	PROWERS, CO	3	0010206629	WSBD860	N
T-Mobile License LLC	D08101	PUEBLO, CO	3	0010206629	WSBD861	N
T-Mobile License LLC	D08103	RIO BLANCO, CO	1	0010206629	WSBD862	N
T-Mobile License LLC	D08103	RIO BLANCO, CO	2	0010206629	WSBD863	N
T-Mobile License LLC	D08103	RIO BLANCO, CO	3	0010206629	WSBD864	N
T-Mobile License LLC	D08105	RIO GRANDE, CO	1	0010206629	WSBD865	N
T-Mobile License LLC	D08105	RIO GRANDE, CO	2	0010206629	WSBD866	N
T-Mobile License LLC	D08105	RIO GRANDE, CO	3	0010206629	WSBD867	N
T-Mobile License LLC	D08107	ROUTT, CO	2	0010206629	WSBD868	N
T-Mobile License LLC	D08107	ROUTT, CO	3	0010206629	WSBD869	N
T-Mobile License LLC	D08109	SAGUACHE, CO	1	0010206629	WSBD870	N
T-Mobile License LLC	D08109	SAGUACHE, CO	2	0010206629	WSBD871	N
T-Mobile License LLC	D08109	SAGUACHE, CO	3	0010206629	WSBD872	N
T-Mobile License LLC	D08111	SAN JUAN, CO	1	0010206629	WSBD873	N
T-Mobile License LLC	D08111	SAN JUAN, CO	2	0010206629	WSBD874	N
T-Mobile License LLC	D08111	SAN JUAN, CO	3	0010206629	WSBD875	N
T-Mobile License LLC	D08113	SAN MIGUEL, CO	2	0010206629	WSBD876	N
T-Mobile License LLC	D08113	SAN MIGUEL, CO	3	0010206629	WSBD877	N
T-Mobile License LLC	D08115	SEDGWICK, CO	1	0010206629	WSBD878	N
T-Mobile License LLC	D08115	SEDGWICK, CO	2	0010206629	WSBD879	N
T-Mobile License LLC	D08115	SEDGWICK, CO	3	0010206629	WSBD880	N
T-Mobile License LLC	D08117	SUMMIT, CO	2	0010206629	WSBD881	N
T-Mobile License LLC	D08117	SUMMIT, CO	3	0010206629	WSBD882	N
T-Mobile License LLC	D08119	TELLER, CO	1	0010206629	WSBD883	N
T-Mobile License LLC	D08119	TELLER, CO	2	0010206629	WSBD884	N
T-Mobile License LLC	D08119	TELLER, CO	3	0010206629	WSBD885	N
T-Mobile License LLC	D08121	WASHINGTON, CO	1	0010206629	WSBD886	N
T-Mobile License LLC	D08121	WASHINGTON, CO	2	0010206629	WSBD887	N
T-Mobile License LLC	D08121	WASHINGTON, CO	3	0010206629	WSBD888	N
T-Mobile License LLC	D08123	WELD, CO	1	0010206629	WSBD889	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D08123	WELD, CO	2	0010206629	WSBD890	N
T-Mobile License LLC	D08123	WELD, CO	3	0010206629	WSBD891	N
T-Mobile License LLC	D08125	YUMA, CO	1	0010206629	WSBD892	N
T-Mobile License LLC	D08125	YUMA, CO	2	0010206629	WSBD893	N
T-Mobile License LLC	D08125	YUMA, CO	3	0010206629	WSBD894	N
T-Mobile License LLC	D09001	FAIRFIELD, CT	1	0010206629	WSBD895	N
T-Mobile License LLC	D09001	FAIRFIELD, CT	2	0010206629	WSBD896	N
T-Mobile License LLC	D09003	HARTFORD, CT	2	0010206629	WSBD897	N
T-Mobile License LLC	D09003	HARTFORD, CT	3	0010206629	WSBD898	N
T-Mobile License LLC	D09005	LITCHFIELD, CT	2	0010206629	WSBD899	N
T-Mobile License LLC	D09005	LITCHFIELD, CT	3	0010206629	WSBD900	N
T-Mobile License LLC	D09007	MIDDLESEX, CT	1	0010206629	WSBD901	N
T-Mobile License LLC	D09007	MIDDLESEX, CT	2	0010206629	WSBD902	N
T-Mobile License LLC	D09007	MIDDLESEX, CT	3	0010206629	WSBD903	N
T-Mobile License LLC	D09009	NEW HAVEN, CT	2	0010206629	WSBD904	N
T-Mobile License LLC	D09009	NEW HAVEN, CT	3	0010206629	WSBD905	N
T-Mobile License LLC	D09011	NEW LONDON, CT	1	0010206629	WSBD906	N
T-Mobile License LLC	D09011	NEW LONDON, CT	2	0010206629	WSBD907	N
T-Mobile License LLC	D09011	NEW LONDON, CT	3	0010206629	WSBD908	N
T-Mobile License LLC	D09013	TOLLAND, CT	1	0010206629	WSBD909	N
T-Mobile License LLC	D09013	TOLLAND, CT	2	0010206629	WSBD910	N
T-Mobile License LLC	D09013	TOLLAND, CT	3	0010206629	WSBD911	N
T-Mobile License LLC	D09015	WINDHAM, CT	1	0010206629	WSBD912	N
T-Mobile License LLC	D09015	WINDHAM, CT	2	0010206629	WSBD913	N
T-Mobile License LLC	D09015	WINDHAM, CT	3	0010206629	WSBD914	N
T-Mobile License LLC	D10001	KENT, DE	1	0010206629	WSBD915	N
T-Mobile License LLC	D10001	KENT, DE	2	0010206629	WSBD916	N
T-Mobile License LLC	D10001	KENT, DE	3	0010206629	WSBD917	N
T-Mobile License LLC	D10003	NEW CASTLE, DE	1	0010206629	WSBD918	N
T-Mobile License LLC	D10003	NEW CASTLE, DE	2	0010206629	WSBD919	N
T-Mobile License LLC	D10003	NEW CASTLE, DE	3	0010206629	WSBD920	N
T-Mobile License LLC	D10005	SUSSEX, DE	1	0010206629	WSBD921	N
T-Mobile License LLC	D10005	SUSSEX, DE	2	0010206629	WSBD922	N
T-Mobile License LLC	D10005	SUSSEX, DE	3	0010206629	WSBD923	N
T-Mobile License LLC	D12001	ALACHUA, FL	1	0010206629	WSBD924	N
T-Mobile License LLC	D12001	ALACHUA, FL	2	0010206629	WSBD925	N
T-Mobile License LLC	D12003	BAKER, FL	1	0010206629	WSBD926	N
T-Mobile License LLC	D12003	BAKER, FL	2	0010206629	WSBD927	N
T-Mobile License LLC	D12003	BAKER, FL	3	0010206629	WSBD928	N
T-Mobile License LLC	D12009	BREVARD, FL	1	0010206629	WSBD929	N
T-Mobile License LLC	D12009	BREVARD, FL	2	0010206629	WSBD930	N
T-Mobile License LLC	D12013	CALHOUN, FL	1	0010206629	WSBD931	N
T-Mobile License LLC	D12013	CALHOUN, FL	2	0010206629	WSBD932	N
T-Mobile License LLC	D12013	CALHOUN, FL	3	0010206629	WSBD933	N
T-Mobile License LLC	D12017	CITRUS, FL	1	0010206629	WSBD934	N
T-Mobile License LLC	D12017	CITRUS, FL	2	0010206629	WSBD935	N
T-Mobile License LLC	D12017	CITRUS, FL	3	0010206629	WSBD936	N
T-Mobile License LLC	D12019	CLAY, FL	1	0010206629	WSBD937	N
T-Mobile License LLC	D12019	CLAY, FL	2	0010206629	WSBD938	N
T-Mobile License LLC	D12021	COLLIER, FL	1	0010206629	WSBD939	N
T-Mobile License LLC	D12021	COLLIER, FL	2	0010206629	WSBD940	N
T-Mobile License LLC	D12021	COLLIER, FL	3	0010206629	WSBD941	N
T-Mobile License LLC	D12023	COLUMBIA, FL	1	0010206629	WSBD942	N
T-Mobile License LLC	D12023	COLUMBIA, FL	2	0010206629	WSBD943	N
T-Mobile License LLC	D12027	DESOTO, FL	1	0010206629	WSBD944	N
T-Mobile License LLC	D12027	DESOTO, FL	2	0010206629	WSBD945	N

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T-Mobile License LLC	D12029	DIXIE, FL	1	0010206629	WSBD946	N
T-Mobile License LLC	D12029	DIXIE, FL	2	0010206629	WSBD947	N
T-Mobile License LLC	D12029	DIXIE, FL	3	0010206629	WSBD948	N
T-Mobile License LLC	D12033	ESCAMBIA, FL	1	0010206629	WSBD949	N
T-Mobile License LLC	D12033	ESCAMBIA, FL	2	0010206629	WSBD950	N
T-Mobile License LLC	D12035	FLAGLER, FL	1	0010206629	WSBD951	N
T-Mobile License LLC	D12035	FLAGLER, FL	2	0010206629	WSBD952	N
T-Mobile License LLC	D12037	FRANKLIN, FL	1	0010206629	WSBD953	N
T-Mobile License LLC	D12037	FRANKLIN, FL	2	0010206629	WSBD954	N
T-Mobile License LLC	D12037	FRANKLIN, FL	3	0010206629	WSBD955	N
T-Mobile License LLC	D12039	GADSDEN, FL	1	0010206629	WSBD956	N
T-Mobile License LLC	D12039	GADSDEN, FL	2	0010206629	WSBD957	N
T-Mobile License LLC	D12039	GADSDEN, FL	3	0010206629	WSBD958	N
T-Mobile License LLC	D12041	GILCHRIST, FL	1	0010206629	WSBD959	N
T-Mobile License LLC	D12041	GILCHRIST, FL	2	0010206629	WSBD960	N
T-Mobile License LLC	D12041	GILCHRIST, FL	3	0010206629	WSBD961	N
T-Mobile License LLC	D12043	GLADES, FL	1	0010206629	WSBD962	N
T-Mobile License LLC	D12043	GLADES, FL	2	0010206629	WSBD963	N
T-Mobile License LLC	D12043	GLADES, FL	3	0010206629	WSBD964	N
T-Mobile License LLC	D12045	GULF, FL	1	0010206629	WSBD965	N
T-Mobile License LLC	D12045	GULF, FL	2	0010206629	WSBD966	N
T-Mobile License LLC	D12047	HAMILTON, FL	1	0010206629	WSBD967	N
T-Mobile License LLC	D12047	HAMILTON, FL	2	0010206629	WSBD968	N
T-Mobile License LLC	D12047	HAMILTON, FL	3	0010206629	WSBD969	N
T-Mobile License LLC	D12049	HARDEE, FL	1	0010206629	WSBD970	N
T-Mobile License LLC	D12049	HARDEE, FL	2	0010206629	WSBD971	N
T-Mobile License LLC	D12051	HENDRY, FL	1	0010206629	WSBD972	N
T-Mobile License LLC	D12051	HENDRY, FL	2	0010206629	WSBD973	N
T-Mobile License LLC	D12051	HENDRY, FL	3	0010206629	WSBD974	N
T-Mobile License LLC	D12053	HERNANDO, FL	1	0010206629	WSBD975	N
T-Mobile License LLC	D12053	HERNANDO, FL	2	0010206629	WSBD976	N
T-Mobile License LLC	D12053	HERNANDO, FL	3	0010206629	WSBD977	N
T-Mobile License LLC	D12055	HIGHLANDS, FL	1	0010206629	WSBD978	N
T-Mobile License LLC	D12055	HIGHLANDS, FL	2	0010206629	WSBD979	N
T-Mobile License LLC	D12055	HIGHLANDS, FL	3	0010206629	WSBD980	N
T-Mobile License LLC	D12059	HOLMES, FL	1	0010206629	WSBD981	N
T-Mobile License LLC	D12059	HOLMES, FL	2	0010206629	WSBD982	N
T-Mobile License LLC	D12061	INDIAN RIVER, FL	1	0010206629	WSBD983	N
T-Mobile License LLC	D12061	INDIAN RIVER, FL	2	0010206629	WSBD984	N
T-Mobile License LLC	D12061	INDIAN RIVER, FL	3	0010206629	WSBD985	N
T-Mobile License LLC	D12063	JACKSON, FL	1	0010206629	WSBD986	N
T-Mobile License LLC	D12063	JACKSON, FL	2	0010206629	WSBD987	N
T-Mobile License LLC	D12063	JACKSON, FL	3	0010206629	WSBD988	N
T-Mobile License LLC	D12065	JEFFERSON, FL	1	0010206629	WSBD989	N
T-Mobile License LLC	D12065	JEFFERSON, FL	2	0010206629	WSBD990	N
T-Mobile License LLC	D12065	JEFFERSON, FL	3	0010206629	WSBD991	N
T-Mobile License LLC	D12067	LAFAYETTE, FL	1	0010206629	WSBD992	N
T-Mobile License LLC	D12067	LAFAYETTE, FL	2	0010206629	WSBD993	N
T-Mobile License LLC	D12067	LAFAYETTE, FL	3	0010206629	WSBD994	N
T-Mobile License LLC	D12069	LAKE, FL	1	0010206629	WSBD995	N
T-Mobile License LLC	D12069	LAKE, FL	2	0010206629	WSBD996	N
T-Mobile License LLC	D12069	LAKE, FL	3	0010206629	WSBD997	N
T-Mobile License LLC	D12073	LEON, FL	1	0010206629	WSBD998	N
T-Mobile License LLC	D12073	LEON, FL	2	0010206629	WSBD999	N
T-Mobile License LLC	D12075	LEVY, FL	1	0010206629	WSBE200	N
T-Mobile License LLC	D12075	LEVY, FL	2	0010206629	WSBE201	N

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T-Mobile License LLC	D12075	LEVY, FL	3	0010206629	WSBE202	N
T-Mobile License LLC	D12077	LIBERTY, FL	1	0010206629	WSBE203	N
T-Mobile License LLC	D12077	LIBERTY, FL	2	0010206629	WSBE204	N
T-Mobile License LLC	D12079	MADISON, FL	1	0010206629	WSBE205	N
T-Mobile License LLC	D12079	MADISON, FL	2	0010206629	WSBE206	N
T-Mobile License LLC	D12079	MADISON, FL	3	0010206629	WSBE207	N
T-Mobile License LLC	D12083	MARION, FL	1	0010206629	WSBE208	N
T-Mobile License LLC	D12083	MARION, FL	2	0010206629	WSBE209	N
T-Mobile License LLC	D12085	MARTIN, FL	1	0010206629	WSBE210	N
T-Mobile License LLC	D12085	MARTIN, FL	2	0010206629	WSBE211	N
T-Mobile License LLC	D12085	MARTIN, FL	3	0010206629	WSBE212	N
T-Mobile License LLC	D12086	MIAMI-DADE, FL	2	0010206629	WSBE213	N
T-Mobile License LLC	D12086	MIAMI-DADE, FL	3	0010206629	WSBE214	N
T-Mobile License LLC	D12087	MONROE, FL	1	0010206629	WSBE215	N
T-Mobile License LLC	D12087	MONROE, FL	2	0010206629	WSBE216	N
T-Mobile License LLC	D12087	MONROE, FL	3	0010206629	WSBE217	N
T-Mobile License LLC	D12089	NASSAU, FL	1	0010206629	WSBE218	N
T-Mobile License LLC	D12089	NASSAU, FL	2	0010206629	WSBE219	N
T-Mobile License LLC	D12089	NASSAU, FL	3	0010206629	WSBE220	N
T-Mobile License LLC	D12091	OKALOOSA, FL	1	0010206629	WSBE221	N
T-Mobile License LLC	D12091	OKALOOSA, FL	2	0010206629	WSBE222	N
T-Mobile License LLC	D12091	OKALOOSA, FL	3	0010206629	WSBE223	N
T-Mobile License LLC	D12093	OKEECHOBEE, FL	1	0010206629	WSBE224	N
T-Mobile License LLC	D12093	OKEECHOBEE, FL	2	0010206629	WSBE225	N
T-Mobile License LLC	D12093	OKEECHOBEE, FL	3	0010206629	WSBE226	N
T-Mobile License LLC	D12095	ORANGE, FL	1	0010206629	WSBE227	N
T-Mobile License LLC	D12095	ORANGE, FL	2	0010206629	WSBE228	N
T-Mobile License LLC	D12097	OSCEOLA, FL	1	0010206629	WSBE229	N
T-Mobile License LLC	D12097	OSCEOLA, FL	2	0010206629	WSBE230	N
T-Mobile License LLC	D12097	OSCEOLA, FL	3	0010206629	WSBE231	N
T-Mobile License LLC	D12099	PALM BEACH, FL	1	0010206629	WSBE232	N
T-Mobile License LLC	D12099	PALM BEACH, FL	2	0010206629	WSBE233	N
T-Mobile License LLC	D12099	PALM BEACH, FL	3	0010206629	WSBE234	N
T-Mobile License LLC	D12101	PASCO, FL	1	0010206629	WSBE235	N
T-Mobile License LLC	D12101	PASCO, FL	2	0010206629	WSBE236	N
T-Mobile License LLC	D12101	PASCO, FL	3	0010206629	WSBE237	N
T-Mobile License LLC	D12105	POLK, FL	1	0010206629	WSBE238	N
T-Mobile License LLC	D12105	POLK, FL	2	0010206629	WSBE239	N
T-Mobile License LLC	D12107	PUTNAM, FL	1	0010206629	WSBE240	N
T-Mobile License LLC	D12107	PUTNAM, FL	2	0010206629	WSBE241	N
T-Mobile License LLC	D12109	ST. JOHNS, FL	1	0010206629	WSBE242	N
T-Mobile License LLC	D12109	ST. JOHNS, FL	2	0010206629	WSBE243	N
T-Mobile License LLC	D12117	SEMINOLE, FL	1	0010206629	WSBE244	N
T-Mobile License LLC	D12117	SEMINOLE, FL	2	0010206629	WSBE245	N
T-Mobile License LLC	D12119	SUMTER, FL	1	0010206629	WSBE246	N
T-Mobile License LLC	D12119	SUMTER, FL	2	0010206629	WSBE247	N
T-Mobile License LLC	D12119	SUMTER, FL	3	0010206629	WSBE248	N
T-Mobile License LLC	D12121	SUWANNEE, FL	1	0010206629	WSBE249	N
T-Mobile License LLC	D12121	SUWANNEE, FL	2	0010206629	WSBE250	N
T-Mobile License LLC	D12123	TAYLOR, FL	1	0010206629	WSBE251	N
T-Mobile License LLC	D12123	TAYLOR, FL	2	0010206629	WSBE252	N
T-Mobile License LLC	D12123	TAYLOR, FL	3	0010206629	WSBE253	N
T-Mobile License LLC	D12127	VOLUSIA, FL	1	0010206629	WSBE254	N
T-Mobile License LLC	D12127	VOLUSIA, FL	2	0010206629	WSBE255	N
T-Mobile License LLC	D12129	WAKULLA, FL	1	0010206629	WSBE256	N
T-Mobile License LLC	D12129	WAKULLA, FL	2	0010206629	WSBE257	N

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T-Mobile License LLC	D12129	WAKULLA, FL	3	0010206629	WSBE258	N
T-Mobile License LLC	D12131	WALTON, FL	1	0010206629	WSBE259	N
T-Mobile License LLC	D12131	WALTON, FL	2	0010206629	WSBE260	N
T-Mobile License LLC	D12131	WALTON, FL	3	0010206629	WSBE261	N
T-Mobile License LLC	D13001	APPLING, GA	2	0010206629	WSBE262	N
T-Mobile License LLC	D13001	APPLING, GA	3	0010206629	WSBE263	N
T-Mobile License LLC	D13003	ATKINSON, GA	1	0010206629	WSBE264	N
T-Mobile License LLC	D13003	ATKINSON, GA	2	0010206629	WSBE265	N
T-Mobile License LLC	D13003	ATKINSON, GA	3	0010206629	WSBE266	N
T-Mobile License LLC	D13005	BACON, GA	1	0010206629	WSBE267	N
T-Mobile License LLC	D13005	BACON, GA	2	0010206629	WSBE268	N
T-Mobile License LLC	D13005	BACON, GA	3	0010206629	WSBE269	N
T-Mobile License LLC	D13007	BAKER, GA	1	0010206629	WSBE270	N
T-Mobile License LLC	D13007	BAKER, GA	2	0010206629	WSBE271	N
T-Mobile License LLC	D13007	BAKER, GA	3	0010206629	WSBE272	N
T-Mobile License LLC	D13015	BARTOW, GA	1	0010206629	WSBE273	N
T-Mobile License LLC	D13015	BARTOW, GA	2	0010206629	WSBE274	N
T-Mobile License LLC	D13015	BARTOW, GA	3	0010206629	WSBE275	N
T-Mobile License LLC	D13017	BEN HILL, GA	1	0010206629	WSBE276	N
T-Mobile License LLC	D13017	BEN HILL, GA	2	0010206629	WSBE277	N
T-Mobile License LLC	D13017	BEN HILL, GA	3	0010206629	WSBE278	N
T-Mobile License LLC	D13025	BRANTLEY, GA	2	0010206629	WSBE279	N
T-Mobile License LLC	D13025	BRANTLEY, GA	3	0010206629	WSBE280	N
T-Mobile License LLC	D13027	BROOKS, GA	1	0010206629	WSBE281	N
T-Mobile License LLC	D13027	BROOKS, GA	2	0010206629	WSBE282	N
T-Mobile License LLC	D13027	BROOKS, GA	3	0010206629	WSBE283	N
T-Mobile License LLC	D13029	BRYAN, GA	1	0010206629	WSBE284	N
T-Mobile License LLC	D13029	BRYAN, GA	2	0010206629	WSBE285	N
T-Mobile License LLC	D13029	BRYAN, GA	3	0010206629	WSBE286	N
T-Mobile License LLC	D13031	BULLOCH, GA	1	0010206629	WSBE287	N
T-Mobile License LLC	D13031	BULLOCH, GA	2	0010206629	WSBE288	N
T-Mobile License LLC	D13031	BULLOCH, GA	3	0010206629	WSBE289	N
T-Mobile License LLC	D13033	BURKE, GA	1	0010206629	WSBE290	N
T-Mobile License LLC	D13033	BURKE, GA	2	0010206629	WSBE291	N
T-Mobile License LLC	D13033	BURKE, GA	3	0010206629	WSBE292	N
T-Mobile License LLC	D13035	BUTTS, GA	1	0010206629	WSBE293	N
T-Mobile License LLC	D13035	BUTTS, GA	2	0010206629	WSBE294	N
T-Mobile License LLC	D13035	BUTTS, GA	3	0010206629	WSBE295	N
T-Mobile License LLC	D13037	CALHOUN, GA	1	0010206629	WSBE296	N
T-Mobile License LLC	D13037	CALHOUN, GA	2	0010206629	WSBE297	N
T-Mobile License LLC	D13037	CALHOUN, GA	3	0010206629	WSBE298	N
T-Mobile License LLC	D13039	CAMDEN, GA	1	0010206629	WSBE299	N
T-Mobile License LLC	D13039	CAMDEN, GA	2	0010206629	WSBE300	N
T-Mobile License LLC	D13039	CAMDEN, GA	3	0010206629	WSBE301	N
T-Mobile License LLC	D13043	CANDLER, GA	2	0010206629	WSBE302	N
T-Mobile License LLC	D13043	CANDLER, GA	3	0010206629	WSBE303	N
T-Mobile License LLC	D13045	CARROLL, GA	1	0010206629	WSBE304	N
T-Mobile License LLC	D13045	CARROLL, GA	2	0010206629	WSBE305	N
T-Mobile License LLC	D13045	CARROLL, GA	3	0010206629	WSBE306	N
T-Mobile License LLC	D13047	CATOOSA, GA	1	0010206629	WSBE307	N
T-Mobile License LLC	D13047	CATOOSA, GA	2	0010206629	WSBE308	N
T-Mobile License LLC	D13049	CHARLTON, GA	1	0010206629	WSBE309	N
T-Mobile License LLC	D13049	CHARLTON, GA	2	0010206629	WSBE310	N
T-Mobile License LLC	D13049	CHARLTON, GA	3	0010206629	WSBE311	N
T-Mobile License LLC	D13051	CHATHAM, GA	1	0010206629	WSBE312	N
T-Mobile License LLC	D13051	CHATHAM, GA	2	0010206629	WSBE313	N

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T-Mobile License LLC	D13051	CHATHAM, GA	3	0010206629	WSBE314	N
T-Mobile License LLC	D13055	CHATTOOGA, GA	1	0010206629	WSBE315	N
T-Mobile License LLC	D13055	CHATTOOGA, GA	2	0010206629	WSBE316	N
T-Mobile License LLC	D13055	CHATTOOGA, GA	3	0010206629	WSBE317	N
T-Mobile License LLC	D13057	CHEROKEE, GA	1	0010206629	WSBE318	N
T-Mobile License LLC	D13057	CHEROKEE, GA	2	0010206629	WSBE319	N
T-Mobile License LLC	D13057	CHEROKEE, GA	3	0010206629	WSBE320	N
T-Mobile License LLC	D13061	CLAY, GA	1	0010206629	WSBE321	N
T-Mobile License LLC	D13061	CLAY, GA	2	0010206629	WSBE322	N
T-Mobile License LLC	D13061	CLAY, GA	3	0010206629	WSBE323	N
T-Mobile License LLC	D13063	CLAYTON, GA	1	0010206629	WSBE324	N
T-Mobile License LLC	D13063	CLAYTON, GA	3	0010206629	WSBE325	N
T-Mobile License LLC	D13065	CLINCH, GA	1	0010206629	WSBE326	N
T-Mobile License LLC	D13065	CLINCH, GA	2	0010206629	WSBE327	N
T-Mobile License LLC	D13065	CLINCH, GA	3	0010206629	WSBE328	N
T-Mobile License LLC	D13067	COBB, GA	1	0010206629	WSBE329	N
T-Mobile License LLC	D13067	COBB, GA	2	0010206629	WSBE330	N
T-Mobile License LLC	D13067	COBB, GA	3	0010206629	WSBE331	N
T-Mobile License LLC	D13069	COFFEE, GA	2	0010206629	WSBE332	N
T-Mobile License LLC	D13069	COFFEE, GA	3	0010206629	WSBE333	N
T-Mobile License LLC	D13071	COLQUITT, GA	1	0010206629	WSBE334	N
T-Mobile License LLC	D13071	COLQUITT, GA	2	0010206629	WSBE335	N
T-Mobile License LLC	D13071	COLQUITT, GA	3	0010206629	WSBE336	N
T-Mobile License LLC	D13077	COWETA, GA	1	0010206629	WSBE337	N
T-Mobile License LLC	D13077	COWETA, GA	2	0010206629	WSBE338	N
T-Mobile License LLC	D13077	COWETA, GA	3	0010206629	WSBE339	N
T-Mobile License LLC	D13079	CRAWFORD, GA	1	0010206629	WSBE340	N
T-Mobile License LLC	D13079	CRAWFORD, GA	2	0010206629	WSBE341	N
T-Mobile License LLC	D13079	CRAWFORD, GA	3	0010206629	WSBE342	N
T-Mobile License LLC	D13081	CRISP, GA	1	0010206629	WSBE343	N
T-Mobile License LLC	D13081	CRISP, GA	2	0010206629	WSBE344	N
T-Mobile License LLC	D13081	CRISP, GA	3	0010206629	WSBE345	N
T-Mobile License LLC	D13083	DADE, GA	1	0010206629	WSBE346	N
T-Mobile License LLC	D13083	DADE, GA	2	0010206629	WSBE347	N
T-Mobile License LLC	D13083	DADE, GA	3	0010206629	WSBE348	N
T-Mobile License LLC	D13085	DAWSON, GA	1	0010206629	WSBE349	N
T-Mobile License LLC	D13085	DAWSON, GA	2	0010206629	WSBE350	N
T-Mobile License LLC	D13085	DAWSON, GA	3	0010206629	WSBE351	N
T-Mobile License LLC	D13087	DECATUR, GA	1	0010206629	WSBE352	N
T-Mobile License LLC	D13087	DECATUR, GA	2	0010206629	WSBE353	N
T-Mobile License LLC	D13087	DECATUR, GA	3	0010206629	WSBE354	N
T-Mobile License LLC	D13089	DEKALB, GA	1	0010206629	WSBE355	N
T-Mobile License LLC	D13089	DEKALB, GA	2	0010206629	WSBE356	N
T-Mobile License LLC	D13089	DEKALB, GA	3	0010206629	WSBE357	N
T-Mobile License LLC	D13091	DODGE, GA	1	0010206629	WSBE358	N
T-Mobile License LLC	D13091	DODGE, GA	2	0010206629	WSBE359	N
T-Mobile License LLC	D13091	DODGE, GA	3	0010206629	WSBE360	N
T-Mobile License LLC	D13093	DOOLY, GA	1	0010206629	WSBE361	N
T-Mobile License LLC	D13093	DOOLY, GA	2	0010206629	WSBE362	N
T-Mobile License LLC	D13093	DOOLY, GA	3	0010206629	WSBE363	N
T-Mobile License LLC	D13095	DOUGHERTY, GA	1	0010206629	WSBE364	N
T-Mobile License LLC	D13095	DOUGHERTY, GA	2	0010206629	WSBE365	N
T-Mobile License LLC	D13097	DOUGLAS, GA	1	0010206629	WSBE366	N
T-Mobile License LLC	D13097	DOUGLAS, GA	2	0010206629	WSBE367	N
T-Mobile License LLC	D13097	DOUGLAS, GA	3	0010206629	WSBE368	N
T-Mobile License LLC	D13099	EARLY, GA	1	0010206629	WSBE369	N

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T-Mobile License LLC	D13099	EARLY, GA	2	0010206629	WSBE370	N
T-Mobile License LLC	D13099	EARLY, GA	3	0010206629	WSBE371	N
T-Mobile License LLC	D13101	ECHOLS, GA	1	0010206629	WSBE372	N
T-Mobile License LLC	D13101	ECHOLS, GA	2	0010206629	WSBE373	N
T-Mobile License LLC	D13101	ECHOLS, GA	3	0010206629	WSBE374	N
T-Mobile License LLC	D13103	EFFINGHAM, GA	1	0010206629	WSBE375	N
T-Mobile License LLC	D13103	EFFINGHAM, GA	2	0010206629	WSBE376	N
T-Mobile License LLC	D13103	EFFINGHAM, GA	3	0010206629	WSBE377	N
T-Mobile License LLC	D13105	ELBERT, GA	1	0010206629	WSBE378	N
T-Mobile License LLC	D13105	ELBERT, GA	2	0010206629	WSBE379	N
T-Mobile License LLC	D13107	EMANUEL, GA	2	0010206629	WSBE380	N
T-Mobile License LLC	D13107	EMANUEL, GA	3	0010206629	WSBE381	N
T-Mobile License LLC	D13109	EVANS, GA	1	0010206629	WSBE382	N
T-Mobile License LLC	D13109	EVANS, GA	3	0010206629	WSBE383	N
T-Mobile License LLC	D13111	FANNIN, GA	1	0010206629	WSBE384	N
T-Mobile License LLC	D13111	FANNIN, GA	2	0010206629	WSBE385	N
T-Mobile License LLC	D13111	FANNIN, GA	3	0010206629	WSBE386	N
T-Mobile License LLC	D13113	FAYETTE, GA	1	0010206629	WSBE387	N
T-Mobile License LLC	D13113	FAYETTE, GA	2	0010206629	WSBE388	N
T-Mobile License LLC	D13113	FAYETTE, GA	3	0010206629	WSBE389	N
T-Mobile License LLC	D13115	FLOYD, GA	1	0010206629	WSBE390	N
T-Mobile License LLC	D13115	FLOYD, GA	2	0010206629	WSBE391	N
T-Mobile License LLC	D13115	FLOYD, GA	3	0010206629	WSBE392	N
T-Mobile License LLC	D13117	FORSYTH, GA	1	0010206629	WSBE393	N
T-Mobile License LLC	D13117	FORSYTH, GA	2	0010206629	WSBE394	N
T-Mobile License LLC	D13117	FORSYTH, GA	3	0010206629	WSBE395	N
T-Mobile License LLC	D13119	FRANKLIN, GA	2	0010206629	WSBE396	N
T-Mobile License LLC	D13121	FULTON, GA	1	0010206629	WSBE397	N
T-Mobile License LLC	D13121	FULTON, GA	2	0010206629	WSBE398	N
T-Mobile License LLC	D13121	FULTON, GA	3	0010206629	WSBE399	N
T-Mobile License LLC	D13123	GILMER, GA	1	0010206629	WSBE400	N
T-Mobile License LLC	D13123	GILMER, GA	2	0010206629	WSBE401	N
T-Mobile License LLC	D13123	GILMER, GA	3	0010206629	WSBE402	N
T-Mobile License LLC	D13127	GLYNN, GA	1	0010206629	WSBE403	N
T-Mobile License LLC	D13127	GLYNN, GA	2	0010206629	WSBE404	N
T-Mobile License LLC	D13127	GLYNN, GA	3	0010206629	WSBE405	N
T-Mobile License LLC	D13129	GORDON, GA	1	0010206629	WSBE406	N
T-Mobile License LLC	D13129	GORDON, GA	2	0010206629	WSBE407	N
T-Mobile License LLC	D13129	GORDON, GA	3	0010206629	WSBE408	N
T-Mobile License LLC	D13131	GRADY, GA	1	0010206629	WSBE409	N
T-Mobile License LLC	D13131	GRADY, GA	2	0010206629	WSBE410	N
T-Mobile License LLC	D13131	GRADY, GA	3	0010206629	WSBE411	N
T-Mobile License LLC	D13137	HABERSHAM, GA	1	0010206629	WSBE412	N
T-Mobile License LLC	D13137	HABERSHAM, GA	2	0010206629	WSBE413	N
T-Mobile License LLC	D13137	HABERSHAM, GA	3	0010206629	WSBE414	N
T-Mobile License LLC	D13143	HARALSON, GA	1	0010206629	WSBE415	N
T-Mobile License LLC	D13143	HARALSON, GA	2	0010206629	WSBE416	N
T-Mobile License LLC	D13143	HARALSON, GA	3	0010206629	WSBE417	N
T-Mobile License LLC	D13147	HART, GA	1	0010206629	WSBE418	N
T-Mobile License LLC	D13147	HART, GA	2	0010206629	WSBE419	N
T-Mobile License LLC	D13151	HENRY, GA	1	0010206629	WSBE420	N
T-Mobile License LLC	D13151	HENRY, GA	2	0010206629	WSBE421	N
T-Mobile License LLC	D13151	HENRY, GA	3	0010206629	WSBE422	N
T-Mobile License LLC	D13153	HOUSTON, GA	1	0010206629	WSBE423	N
T-Mobile License LLC	D13153	HOUSTON, GA	2	0010206629	WSBE424	N
T-Mobile License LLC	D13153	HOUSTON, GA	3	0010206629	WSBE425	N

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T-Mobile License LLC	D13155	IRWIN, GA	1	0010206629	WSBE426	N
T-Mobile License LLC	D13155	IRWIN, GA	2	0010206629	WSBE427	N
T-Mobile License LLC	D13155	IRWIN, GA	3	0010206629	WSBE428	N
T-Mobile License LLC	D13161	JEFF DAVIS, GA	2	0010206629	WSBE429	N
T-Mobile License LLC	D13161	JEFF DAVIS, GA	3	0010206629	WSBE430	N
T-Mobile License LLC	D13163	JEFFERSON, GA	1	0010206629	WSBE431	N
T-Mobile License LLC	D13163	JEFFERSON, GA	2	0010206629	WSBE432	N
T-Mobile License LLC	D13163	JEFFERSON, GA	3	0010206629	WSBE433	N
T-Mobile License LLC	D13165	JENKINS, GA	1	0010206629	WSBE434	N
T-Mobile License LLC	D13165	JENKINS, GA	2	0010206629	WSBE435	N
T-Mobile License LLC	D13165	JENKINS, GA	3	0010206629	WSBE436	N
T-Mobile License LLC	D13167	JOHNSON, GA	1	0010206629	WSBE437	N
T-Mobile License LLC	D13167	JOHNSON, GA	2	0010206629	WSBE438	N
T-Mobile License LLC	D13167	JOHNSON, GA	3	0010206629	WSBE439	N
T-Mobile License LLC	D13171	LAMAR, GA	1	0010206629	WSBE440	N
T-Mobile License LLC	D13171	LAMAR, GA	2	0010206629	WSBE441	N
T-Mobile License LLC	D13171	LAMAR, GA	3	0010206629	WSBE442	N
T-Mobile License LLC	D13175	LAURENS, GA	1	0010206629	WSBE443	N
T-Mobile License LLC	D13175	LAURENS, GA	2	0010206629	WSBE444	N
T-Mobile License LLC	D13175	LAURENS, GA	3	0010206629	WSBE445	N
T-Mobile License LLC	D13177	LEE, GA	1	0010206629	WSBE446	N
T-Mobile License LLC	D13177	LEE, GA	2	0010206629	WSBE447	N
T-Mobile License LLC	D13179	LIBERTY, GA	1	0010206629	WSBE448	N
T-Mobile License LLC	D13179	LIBERTY, GA	2	0010206629	WSBE449	N
T-Mobile License LLC	D13179	LIBERTY, GA	3	0010206629	WSBE450	N
T-Mobile License LLC	D13181	LINCOLN, GA	1	0010206629	WSBE451	N
T-Mobile License LLC	D13181	LINCOLN, GA	2	0010206629	WSBE452	N
T-Mobile License LLC	D13181	LINCOLN, GA	3	0010206629	WSBE453	N
T-Mobile License LLC	D13183	LONG, GA	1	0010206629	WSBE454	N
T-Mobile License LLC	D13183	LONG, GA	3	0010206629	WSBE455	N
T-Mobile License LLC	D13185	LOWNDES, GA	1	0010206629	WSBE456	N
T-Mobile License LLC	D13185	LOWNDES, GA	2	0010206629	WSBE457	N
T-Mobile License LLC	D13185	LOWNDES, GA	3	0010206629	WSBE458	N
T-Mobile License LLC	D13187	LUMPKIN, GA	1	0010206629	WSBE459	N
T-Mobile License LLC	D13187	LUMPKIN, GA	2	0010206629	WSBE460	N
T-Mobile License LLC	D13187	LUMPKIN, GA	3	0010206629	WSBE461	N
T-Mobile License LLC	D13191	MCINTOSH, GA	2	0010206629	WSBE462	N
T-Mobile License LLC	D13191	MCINTOSH, GA	3	0010206629	WSBE463	N
T-Mobile License LLC	D13195	MADISON, GA	1	0010206629	WSBE464	N
T-Mobile License LLC	D13195	MADISON, GA	2	0010206629	WSBE465	N
T-Mobile License LLC	D13195	MADISON, GA	3	0010206629	WSBE466	N
T-Mobile License LLC	D13199	MERIWETHER, GA	1	0010206629	WSBE467	N
T-Mobile License LLC	D13199	MERIWETHER, GA	2	0010206629	WSBE468	N
T-Mobile License LLC	D13199	MERIWETHER, GA	3	0010206629	WSBE469	N
T-Mobile License LLC	D13201	MILLER, GA	1	0010206629	WSBE470	N
T-Mobile License LLC	D13201	MILLER, GA	2	0010206629	WSBE471	N
T-Mobile License LLC	D13201	MILLER, GA	3	0010206629	WSBE472	N
T-Mobile License LLC	D13205	MITCHELL, GA	1	0010206629	WSBE473	N
T-Mobile License LLC	D13205	MITCHELL, GA	2	0010206629	WSBE474	N
T-Mobile License LLC	D13205	MITCHELL, GA	3	0010206629	WSBE475	N
T-Mobile License LLC	D13207	MONROE, GA	2	0010206629	WSBE476	N
T-Mobile License LLC	D13207	MONROE, GA	3	0010206629	WSBE477	N
T-Mobile License LLC	D13209	MONTGOMERY, GA	2	0010206629	WSBE478	N
T-Mobile License LLC	D13209	MONTGOMERY, GA	3	0010206629	WSBE479	N
T-Mobile License LLC	D13213	MURRAY, GA	1	0010206629	WSBE480	N
T-Mobile License LLC	D13213	MURRAY, GA	2	0010206629	WSBE481	N

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T-Mobile License LLC	D13213	MURRAY, GA	3	0010206629	WSBE482	N
T-Mobile License LLC	D13217	NEWTON, GA	1	0010206629	WSBE483	N
T-Mobile License LLC	D13217	NEWTON, GA	2	0010206629	WSBE484	N
T-Mobile License LLC	D13217	NEWTON, GA	3	0010206629	WSBE485	N
T-Mobile License LLC	D13221	OGLETHORPE, GA	2	0010206629	WSBE486	N
T-Mobile License LLC	D13223	PAULDING, GA	1	0010206629	WSBE487	N
T-Mobile License LLC	D13223	PAULDING, GA	2	0010206629	WSBE488	N
T-Mobile License LLC	D13223	PAULDING, GA	3	0010206629	WSBE489	N
T-Mobile License LLC	D13227	PICKENS, GA	1	0010206629	WSBE490	N
T-Mobile License LLC	D13227	PICKENS, GA	2	0010206629	WSBE491	N
T-Mobile License LLC	D13227	PICKENS, GA	3	0010206629	WSBE492	N
T-Mobile License LLC	D13229	PIERCE, GA	2	0010206629	WSBE493	N
T-Mobile License LLC	D13229	PIERCE, GA	3	0010206629	WSBE494	N
T-Mobile License LLC	D13231	PIKE, GA	1	0010206629	WSBE495	N
T-Mobile License LLC	D13231	PIKE, GA	2	0010206629	WSBE496	N
T-Mobile License LLC	D13231	PIKE, GA	3	0010206629	WSBE497	N
T-Mobile License LLC	D13233	POLK, GA	1	0010206629	WSBE498	N
T-Mobile License LLC	D13233	POLK, GA	2	0010206629	WSBE499	N
T-Mobile License LLC	D13233	POLK, GA	3	0010206629	WSBE500	N
T-Mobile License LLC	D13235	PULASKI, GA	1	0010206629	WSBE501	N
T-Mobile License LLC	D13235	PULASKI, GA	2	0010206629	WSBE502	N
T-Mobile License LLC	D13235	PULASKI, GA	3	0010206629	WSBE503	N
T-Mobile License LLC	D13239	QUITMAN, GA	1	0010206629	WSBE504	N
T-Mobile License LLC	D13239	QUITMAN, GA	2	0010206629	WSBE505	N
T-Mobile License LLC	D13239	QUITMAN, GA	3	0010206629	WSBE506	N
T-Mobile License LLC	D13241	RABUN, GA	1	0010206629	WSBE507	N
T-Mobile License LLC	D13241	RABUN, GA	2	0010206629	WSBE508	N
T-Mobile License LLC	D13241	RABUN, GA	3	0010206629	WSBE509	N
T-Mobile License LLC	D13243	RANDOLPH, GA	1	0010206629	WSBE510	N
T-Mobile License LLC	D13243	RANDOLPH, GA	2	0010206629	WSBE511	N
T-Mobile License LLC	D13243	RANDOLPH, GA	3	0010206629	WSBE512	N
T-Mobile License LLC	D13247	ROCKDALE, GA	1	0010206629	WSBE513	N
T-Mobile License LLC	D13247	ROCKDALE, GA	2	0010206629	WSBE514	N
T-Mobile License LLC	D13247	ROCKDALE, GA	3	0010206629	WSBE515	N
T-Mobile License LLC	D13251	SCREVEN, GA	2	0010206629	WSBE516	N
T-Mobile License LLC	D13251	SCREVEN, GA	3	0010206629	WSBE517	N
T-Mobile License LLC	D13253	SEMINOLE, GA	1	0010206629	WSBE518	N
T-Mobile License LLC	D13253	SEMINOLE, GA	2	0010206629	WSBE519	N
T-Mobile License LLC	D13253	SEMINOLE, GA	3	0010206629	WSBE520	N
T-Mobile License LLC	D13255	SPALDING, GA	1	0010206629	WSBE521	N
T-Mobile License LLC	D13255	SPALDING, GA	2	0010206629	WSBE522	N
T-Mobile License LLC	D13255	SPALDING, GA	3	0010206629	WSBE523	N
T-Mobile License LLC	D13257	STEPHENS, GA	1	0010206629	WSBE524	N
T-Mobile License LLC	D13257	STEPHENS, GA	2	0010206629	WSBE525	N
T-Mobile License LLC	D13257	STEPHENS, GA	3	0010206629	WSBE526	N
T-Mobile License LLC	D13259	STEWART, GA	1	0010206629	WSBE527	N
T-Mobile License LLC	D13259	STEWART, GA	2	0010206629	WSBE528	N
T-Mobile License LLC	D13259	STEWART, GA	3	0010206629	WSBE529	N
T-Mobile License LLC	D13261	SUMTER, GA	1	0010206629	WSBE530	N
T-Mobile License LLC	D13261	SUMTER, GA	2	0010206629	WSBE531	N
T-Mobile License LLC	D13265	TALIAFERRO, GA	2	0010206629	WSBE532	N
T-Mobile License LLC	D13265	TALIAFERRO, GA	3	0010206629	WSBE533	N
T-Mobile License LLC	D13267	TATTNALL, GA	2	0010206629	WSBE534	N
T-Mobile License LLC	D13267	TATTNALL, GA	3	0010206629	WSBE535	N
T-Mobile License LLC	D13271	TELFAIR, GA	1	0010206629	WSBE536	N
T-Mobile License LLC	D13271	TELFAIR, GA	2	0010206629	WSBE537	N

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T-Mobile License LLC	D13271	TELFAIR, GA	3	0010206629	WSBE538	N
T-Mobile License LLC	D13273	TERRELL, GA	1	0010206629	WSBE539	N
T-Mobile License LLC	D13273	TERRELL, GA	2	0010206629	WSBE540	N
T-Mobile License LLC	D13275	THOMAS, GA	2	0010206629	WSBE541	N
T-Mobile License LLC	D13275	THOMAS, GA	3	0010206629	WSBE542	N
T-Mobile License LLC	D13277	TIFT, GA	1	0010206629	WSBE543	N
T-Mobile License LLC	D13277	TIFT, GA	2	0010206629	WSBE544	N
T-Mobile License LLC	D13279	TOOMBS, GA	2	0010206629	WSBE545	N
T-Mobile License LLC	D13279	TOOMBS, GA	3	0010206629	WSBE546	N
T-Mobile License LLC	D13281	TOWNS, GA	1	0010206629	WSBE547	N
T-Mobile License LLC	D13281	TOWNS, GA	2	0010206629	WSBE548	N
T-Mobile License LLC	D13281	TOWNS, GA	3	0010206629	WSBE549	N
T-Mobile License LLC	D13283	TREUTLEN, GA	1	0010206629	WSBE550	N
T-Mobile License LLC	D13283	TREUTLEN, GA	2	0010206629	WSBE551	N
T-Mobile License LLC	D13283	TREUTLEN, GA	3	0010206629	WSBE552	N
T-Mobile License LLC	D13287	TURNER, GA	1	0010206629	WSBE553	N
T-Mobile License LLC	D13287	TURNER, GA	2	0010206629	WSBE554	N
T-Mobile License LLC	D13287	TURNER, GA	3	0010206629	WSBE555	N
T-Mobile License LLC	D13291	UNION, GA	1	0010206629	WSBE556	N
T-Mobile License LLC	D13291	UNION, GA	2	0010206629	WSBE557	N
T-Mobile License LLC	D13291	UNION, GA	3	0010206629	WSBE558	N
T-Mobile License LLC	D13293	UPSON, GA	1	0010206629	WSBE559	N
T-Mobile License LLC	D13293	UPSON, GA	2	0010206629	WSBE560	N
T-Mobile License LLC	D13293	UPSON, GA	3	0010206629	WSBE561	N
T-Mobile License LLC	D13295	WALKER, GA	1	0010206629	WSBE562	N
T-Mobile License LLC	D13295	WALKER, GA	2	0010206629	WSBE563	N
T-Mobile License LLC	D13295	WALKER, GA	3	0010206629	WSBE564	N
T-Mobile License LLC	D13299	WARE, GA	1	0010206629	WSBE565	N
T-Mobile License LLC	D13299	WARE, GA	2	0010206629	WSBE566	N
T-Mobile License LLC	D13299	WARE, GA	3	0010206629	WSBE567	N
T-Mobile License LLC	D13301	WARREN, GA	2	0010206629	WSBE568	N
T-Mobile License LLC	D13301	WARREN, GA	3	0010206629	WSBE569	N
T-Mobile License LLC	D13303	WASHINGTON, GA	1	0010206629	WSBE570	N
T-Mobile License LLC	D13303	WASHINGTON, GA	2	0010206629	WSBE571	N
T-Mobile License LLC	D13303	WASHINGTON, GA	3	0010206629	WSBE572	N
T-Mobile License LLC	D13305	WAYNE, GA	1	0010206629	WSBE573	N
T-Mobile License LLC	D13305	WAYNE, GA	2	0010206629	WSBE574	N
T-Mobile License LLC	D13305	WAYNE, GA	3	0010206629	WSBE575	N
T-Mobile License LLC	D13307	WEBSTER, GA	1	0010206629	WSBE576	N
T-Mobile License LLC	D13307	WEBSTER, GA	2	0010206629	WSBE577	N
T-Mobile License LLC	D13307	WEBSTER, GA	3	0010206629	WSBE578	N
T-Mobile License LLC	D13309	WHEELER, GA	1	0010206629	WSBE579	N
T-Mobile License LLC	D13309	WHEELER, GA	2	0010206629	WSBE580	N
T-Mobile License LLC	D13309	WHEELER, GA	3	0010206629	WSBE581	N
T-Mobile License LLC	D13311	WHITE, GA	1	0010206629	WSBE582	N
T-Mobile License LLC	D13311	WHITE, GA	2	0010206629	WSBE583	N
T-Mobile License LLC	D13311	WHITE, GA	3	0010206629	WSBE584	N
T-Mobile License LLC	D13313	WHITFIELD, GA	1	0010206629	WSBE585	N
T-Mobile License LLC	D13313	WHITFIELD, GA	2	0010206629	WSBE586	N
T-Mobile License LLC	D13315	WILCOX, GA	1	0010206629	WSBE587	N
T-Mobile License LLC	D13315	WILCOX, GA	2	0010206629	WSBE588	N
T-Mobile License LLC	D13315	WILCOX, GA	3	0010206629	WSBE589	N
T-Mobile License LLC	D13317	WILKES, GA	1	0010206629	WSBE590	N
T-Mobile License LLC	D13317	WILKES, GA	2	0010206629	WSBE591	N
T-Mobile License LLC	D13317	WILKES, GA	3	0010206629	WSBE592	N
T-Mobile License LLC	D13321	WORTH, GA	1	0010206629	WSBE593	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D13321	WORTH, GA	2	0010206629	WSBE594	N
T-Mobile License LLC	D15001	HAWAII, HI	1	0010206629	WSBE595	N
T-Mobile License LLC	D15001	HAWAII, HI	2	0010206629	WSBE596	N
T-Mobile License LLC	D15001	HAWAII, HI	3	0010206629	WSBE597	N
T-Mobile License LLC	D15003	HONOLULU, HI	1	0010206629	WSBE598	N
T-Mobile License LLC	D15003	HONOLULU, HI	2	0010206629	WSBE599	N
T-Mobile License LLC	D15003	HONOLULU, HI	3	0010206629	WSBE600	N
T-Mobile License LLC	D15005	KALAWAO, HI	1	0010206629	WSBE601	N
T-Mobile License LLC	D15005	KALAWAO, HI	2	0010206629	WSBE602	N
T-Mobile License LLC	D15005	KALAWAO, HI	3	0010206629	WSBE603	N
T-Mobile License LLC	D15007	KAUAI, HI	1	0010206629	WSBE604	N
T-Mobile License LLC	D15007	KAUAI, HI	2	0010206629	WSBE605	N
T-Mobile License LLC	D15007	KAUAI, HI	3	0010206629	WSBE606	N
T-Mobile License LLC	D15009	MAUI, HI	1	0010206629	WSBE607	N
T-Mobile License LLC	D15009	MAUI, HI	2	0010206629	WSBE608	N
T-Mobile License LLC	D15009	MAUI, HI	3	0010206629	WSBE609	N
T-Mobile License LLC	D16001	ADA, ID	1	0010206629	WSBE610	N
T-Mobile License LLC	D16001	ADA, ID	2	0010206629	WSBE611	N
T-Mobile License LLC	D16003	ADAMS, ID	2	0010206629	WSBE612	N
T-Mobile License LLC	D16003	ADAMS, ID	3	0010206629	WSBE613	N
T-Mobile License LLC	D16005	BANNOCK, ID	1	0010206629	WSBE614	N
T-Mobile License LLC	D16005	BANNOCK, ID	2	0010206629	WSBE615	N
T-Mobile License LLC	D16005	BANNOCK, ID	3	0010206629	WSBE616	N
T-Mobile License LLC	D16007	BEAR LAKE, ID	1	0010206629	WSBE617	N
T-Mobile License LLC	D16007	BEAR LAKE, ID	2	0010206629	WSBE618	N
T-Mobile License LLC	D16007	BEAR LAKE, ID	3	0010206629	WSBE619	N
T-Mobile License LLC	D16009	BENEWAH, ID	3	0010206629	WSBE620	N
T-Mobile License LLC	D16011	BINGHAM, ID	1	0010206629	WSBE621	N
T-Mobile License LLC	D16011	BINGHAM, ID	2	0010206629	WSBE622	N
T-Mobile License LLC	D16011	BINGHAM, ID	3	0010206629	WSBE623	N
T-Mobile License LLC	D16013	BLAINE, ID	1	0010206629	WSBE624	N
T-Mobile License LLC	D16013	BLAINE, ID	2	0010206629	WSBE625	N
T-Mobile License LLC	D16013	BLAINE, ID	3	0010206629	WSBE626	N
T-Mobile License LLC	D16017	BONNER, ID	1	0010206629	WSBE627	N
T-Mobile License LLC	D16017	BONNER, ID	2	0010206629	WSBE628	N
T-Mobile License LLC	D16017	BONNER, ID	3	0010206629	WSBE629	N
T-Mobile License LLC	D16019	BONNEVILLE, ID	1	0010206629	WSBE630	N
T-Mobile License LLC	D16019	BONNEVILLE, ID	2	0010206629	WSBE631	N
T-Mobile License LLC	D16019	BONNEVILLE, ID	3	0010206629	WSBE632	N
T-Mobile License LLC	D16021	BOUNDARY, ID	1	0010206629	WSBE633	N
T-Mobile License LLC	D16021	BOUNDARY, ID	2	0010206629	WSBE634	N
T-Mobile License LLC	D16021	BOUNDARY, ID	3	0010206629	WSBE635	N
T-Mobile License LLC	D16023	BUTTE, ID	1	0010206629	WSBE636	N
T-Mobile License LLC	D16023	BUTTE, ID	2	0010206629	WSBE637	N
T-Mobile License LLC	D16023	BUTTE, ID	3	0010206629	WSBE638	N
T-Mobile License LLC	D16025	CAMAS, ID	1	0010206629	WSBE639	N
T-Mobile License LLC	D16025	CAMAS, ID	2	0010206629	WSBE640	N
T-Mobile License LLC	D16025	CAMAS, ID	3	0010206629	WSBE641	N
T-Mobile License LLC	D16027	CANYON, ID	2	0010206629	WSBE642	N
T-Mobile License LLC	D16027	CANYON, ID	3	0010206629	WSBE643	N
T-Mobile License LLC	D16029	CARIBOU, ID	1	0010206629	WSBE644	N
T-Mobile License LLC	D16029	CARIBOU, ID	2	0010206629	WSBE645	N
T-Mobile License LLC	D16029	CARIBOU, ID	3	0010206629	WSBE646	N
T-Mobile License LLC	D16031	CASSIA, ID	1	0010206629	WSBE647	N
T-Mobile License LLC	D16031	CASSIA, ID	2	0010206629	WSBE648	N
T-Mobile License LLC	D16031	CASSIA, ID	3	0010206629	WSBE649	N

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T-Mobile License LLC	D16033	CLARK, ID	1	0010206629	WSBE650	N
T-Mobile License LLC	D16033	CLARK, ID	2	0010206629	WSBE651	N
T-Mobile License LLC	D16033	CLARK, ID	3	0010206629	WSBE652	N
T-Mobile License LLC	D16035	CLEARWATER, ID	1	0010206629	WSBE653	N
T-Mobile License LLC	D16035	CLEARWATER, ID	2	0010206629	WSBE654	N
T-Mobile License LLC	D16035	CLEARWATER, ID	3	0010206629	WSBE655	N
T-Mobile License LLC	D16037	CUSTER, ID	1	0010206629	WSBE656	N
T-Mobile License LLC	D16037	CUSTER, ID	2	0010206629	WSBE657	N
T-Mobile License LLC	D16037	CUSTER, ID	3	0010206629	WSBE658	N
T-Mobile License LLC	D16039	ELMORE, ID	2	0010206629	WSBE659	N
T-Mobile License LLC	D16039	ELMORE, ID	3	0010206629	WSBE660	N
T-Mobile License LLC	D16041	FRANKLIN, ID	1	0010206629	WSBE661	N
T-Mobile License LLC	D16041	FRANKLIN, ID	2	0010206629	WSBE662	N
T-Mobile License LLC	D16041	FRANKLIN, ID	3	0010206629	WSBE663	N
T-Mobile License LLC	D16043	FREMONT, ID	1	0010206629	WSBE664	N
T-Mobile License LLC	D16043	FREMONT, ID	2	0010206629	WSBE665	N
T-Mobile License LLC	D16043	FREMONT, ID	3	0010206629	WSBE666	N
T-Mobile License LLC	D16047	GOODING, ID	1	0010206629	WSBE667	N
T-Mobile License LLC	D16047	GOODING, ID	2	0010206629	WSBE668	N
T-Mobile License LLC	D16047	GOODING, ID	3	0010206629	WSBE669	N
T-Mobile License LLC	D16049	IDAHO, ID	3	0010206629	WSBE670	N
T-Mobile License LLC	D16051	JEFFERSON, ID	1	0010206629	WSBE671	N
T-Mobile License LLC	D16051	JEFFERSON, ID	2	0010206629	WSBE672	N
T-Mobile License LLC	D16051	JEFFERSON, ID	3	0010206629	WSBE673	N
T-Mobile License LLC	D16055	KOOTENAI, ID	1	0010206629	WSBE674	N
T-Mobile License LLC	D16055	KOOTENAI, ID	2	0010206629	WSBE675	N
T-Mobile License LLC	D16055	KOOTENAI, ID	3	0010206629	WSBE676	N
T-Mobile License LLC	D16057	LATAH, ID	1	0010206629	WSBE677	N
T-Mobile License LLC	D16057	LATAH, ID	2	0010206629	WSBE678	N
T-Mobile License LLC	D16057	LATAH, ID	3	0010206629	WSBE679	N
T-Mobile License LLC	D16059	LEMHI, ID	1	0010206629	WSBE680	N
T-Mobile License LLC	D16059	LEMHI, ID	2	0010206629	WSBE681	N
T-Mobile License LLC	D16059	LEMHI, ID	3	0010206629	WSBE682	N
T-Mobile License LLC	D16061	LEWIS, ID	3	0010206629	WSBE683	N
T-Mobile License LLC	D16063	LINCOLN, ID	1	0010206629	WSBE684	N
T-Mobile License LLC	D16063	LINCOLN, ID	2	0010206629	WSBE685	N
T-Mobile License LLC	D16063	LINCOLN, ID	3	0010206629	WSBE686	N
T-Mobile License LLC	D16065	MADISON, ID	1	0010206629	WSBE687	N
T-Mobile License LLC	D16065	MADISON, ID	2	0010206629	WSBE688	N
T-Mobile License LLC	D16065	MADISON, ID	3	0010206629	WSBE689	N
T-Mobile License LLC	D16067	MINIDOKA, ID	1	0010206629	WSBE690	N
T-Mobile License LLC	D16067	MINIDOKA, ID	2	0010206629	WSBE691	N
T-Mobile License LLC	D16067	MINIDOKA, ID	3	0010206629	WSBE692	N
T-Mobile License LLC	D16069	NEZ PERCE, ID	1	0010206629	WSBE693	N
T-Mobile License LLC	D16069	NEZ PERCE, ID	2	0010206629	WSBE694	N
T-Mobile License LLC	D16069	NEZ PERCE, ID	3	0010206629	WSBE695	N
T-Mobile License LLC	D16071	ONEIDA, ID	1	0010206629	WSBE696	N
T-Mobile License LLC	D16071	ONEIDA, ID	2	0010206629	WSBE697	N
T-Mobile License LLC	D16071	ONEIDA, ID	3	0010206629	WSBE698	N
T-Mobile License LLC	D16073	OWYHEE, ID	2	0010206629	WSBE699	N
T-Mobile License LLC	D16073	OWYHEE, ID	3	0010206629	WSBE700	N
T-Mobile License LLC	D16075	PAYETTE, ID	2	0010206629	WSBE701	N
T-Mobile License LLC	D16075	PAYETTE, ID	3	0010206629	WSBE702	N
T-Mobile License LLC	D16077	POWER, ID	1	0010206629	WSBE703	N
T-Mobile License LLC	D16077	POWER, ID	2	0010206629	WSBE704	N
T-Mobile License LLC	D16077	POWER, ID	3	0010206629	WSBE705	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D16079	SHOSHONE, ID	1	0010206629	WSBE706	N
T-Mobile License LLC	D16079	SHOSHONE, ID	2	0010206629	WSBE707	N
T-Mobile License LLC	D16079	SHOSHONE, ID	3	0010206629	WSBE708	N
T-Mobile License LLC	D16081	TETON, ID	1	0010206629	WSBE709	N
T-Mobile License LLC	D16081	TETON, ID	2	0010206629	WSBE710	N
T-Mobile License LLC	D16081	TETON, ID	3	0010206629	WSBE711	N
T-Mobile License LLC	D16083	TWIN FALLS, ID	1	0010206629	WSBE712	N
T-Mobile License LLC	D16083	TWIN FALLS, ID	2	0010206629	WSBE713	N
T-Mobile License LLC	D16083	TWIN FALLS, ID	3	0010206629	WSBE714	N
T-Mobile License LLC	D16085	VALLEY, ID	2	0010206629	WSBE715	N
T-Mobile License LLC	D16085	VALLEY, ID	3	0010206629	WSBE716	N
T-Mobile License LLC	D16087	WASHINGTON, ID	2	0010206629	WSBE717	N
T-Mobile License LLC	D16087	WASHINGTON, ID	3	0010206629	WSBE718	N
T-Mobile License LLC	D17001	ADAMS, IL	2	0010206629	WSBE719	N
T-Mobile License LLC	D17001	ADAMS, IL	3	0010206629	WSBE720	N
T-Mobile License LLC	D17003	ALEXANDER, IL	1	0010206629	WSBE721	N
T-Mobile License LLC	D17003	ALEXANDER, IL	2	0010206629	WSBE722	N
T-Mobile License LLC	D17003	ALEXANDER, IL	3	0010206629	WSBE723	N
T-Mobile License LLC	D17005	BOND, IL	1	0010206629	WSBE724	N
T-Mobile License LLC	D17005	BOND, IL	2	0010206629	WSBE725	N
T-Mobile License LLC	D17005	BOND, IL	3	0010206629	WSBE726	N
T-Mobile License LLC	D17007	BOONE, IL	1	0010206629	WSBE727	N
T-Mobile License LLC	D17007	BOONE, IL	2	0010206629	WSBE728	N
T-Mobile License LLC	D17009	BROWN, IL	2	0010206629	WSBE729	N
T-Mobile License LLC	D17009	BROWN, IL	3	0010206629	WSBE730	N
T-Mobile License LLC	D17011	BUREAU, IL	1	0010206629	WSBE731	N
T-Mobile License LLC	D17011	BUREAU, IL	2	0010206629	WSBE732	N
T-Mobile License LLC	D17011	BUREAU, IL	3	0010206629	WSBE733	N
T-Mobile License LLC	D17013	CALHOUN, IL	1	0010206629	WSBE734	N
T-Mobile License LLC	D17013	CALHOUN, IL	2	0010206629	WSBE735	N
T-Mobile License LLC	D17013	CALHOUN, IL	3	0010206629	WSBE736	N
T-Mobile License LLC	D17017	CASS, IL	1	0010206629	WSBE737	N
T-Mobile License LLC	D17017	CASS, IL	2	0010206629	WSBE738	N
T-Mobile License LLC	D17017	CASS, IL	3	0010206629	WSBE739	N
T-Mobile License LLC	D17019	CHAMPAIGN, IL	1	0010206629	WSBE740	N
T-Mobile License LLC	D17019	CHAMPAIGN, IL	2	0010206629	WSBE741	N
T-Mobile License LLC	D17023	CLARK, IL	1	0010206629	WSBE742	N
T-Mobile License LLC	D17023	CLARK, IL	2	0010206629	WSBE743	N
T-Mobile License LLC	D17023	CLARK, IL	3	0010206629	WSBE744	N
T-Mobile License LLC	D17025	CLAY, IL	1	0010206629	WSBE745	N
T-Mobile License LLC	D17025	CLAY, IL	2	0010206629	WSBE746	N
T-Mobile License LLC	D17025	CLAY, IL	3	0010206629	WSBE747	N
T-Mobile License LLC	D17027	CLINTON, IL	1	0010206629	WSBE748	N
T-Mobile License LLC	D17027	CLINTON, IL	2	0010206629	WSBE749	N
T-Mobile License LLC	D17027	CLINTON, IL	3	0010206629	WSBE750	N
T-Mobile License LLC	D17029	COLES, IL	1	0010206629	WSBE751	N
T-Mobile License LLC	D17029	COLES, IL	2	0010206629	WSBE752	N
T-Mobile License LLC	D17029	COLES, IL	3	0010206629	WSBE753	N
T-Mobile License LLC	D17033	CRAWFORD, IL	1	0010206629	WSBE754	N
T-Mobile License LLC	D17033	CRAWFORD, IL	2	0010206629	WSBE755	N
T-Mobile License LLC	D17035	CUMBERLAND, IL	1	0010206629	WSBE756	N
T-Mobile License LLC	D17035	CUMBERLAND, IL	2	0010206629	WSBE757	N
T-Mobile License LLC	D17035	CUMBERLAND, IL	3	0010206629	WSBE758	N
T-Mobile License LLC	D17037	DEKALB, IL	1	0010206629	WSBE759	N
T-Mobile License LLC	D17037	DEKALB, IL	2	0010206629	WSBE760	N
T-Mobile License LLC	D17037	DEKALB, IL	3	0010206629	WSBE761	N

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T-Mobile License LLC	D17039	DE WITT, IL	1	0010206629	WSBE762	N
T-Mobile License LLC	D17039	DE WITT, IL	2	0010206629	WSBE763	N
T-Mobile License LLC	D17039	DE WITT, IL	3	0010206629	WSBE764	N
T-Mobile License LLC	D17041	DOUGLAS, IL	1	0010206629	WSBE765	N
T-Mobile License LLC	D17041	DOUGLAS, IL	2	0010206629	WSBE766	N
T-Mobile License LLC	D17041	DOUGLAS, IL	3	0010206629	WSBE767	N
T-Mobile License LLC	D17045	EDGAR, IL	1	0010206629	WSBE768	N
T-Mobile License LLC	D17045	EDGAR, IL	2	0010206629	WSBE769	N
T-Mobile License LLC	D17045	EDGAR, IL	3	0010206629	WSBE770	N
T-Mobile License LLC	D17047	EDWARDS, IL	1	0010206629	WSBE771	N
T-Mobile License LLC	D17047	EDWARDS, IL	2	0010206629	WSBE772	N
T-Mobile License LLC	D17047	EDWARDS, IL	3	0010206629	WSBE773	N
T-Mobile License LLC	D17049	EFFINGHAM, IL	1	0010206629	WSBE774	N
T-Mobile License LLC	D17049	EFFINGHAM, IL	2	0010206629	WSBE775	N
T-Mobile License LLC	D17049	EFFINGHAM, IL	3	0010206629	WSBE776	N
T-Mobile License LLC	D17051	FAYETTE, IL	1	0010206629	WSBE777	N
T-Mobile License LLC	D17051	FAYETTE, IL	2	0010206629	WSBE778	N
T-Mobile License LLC	D17051	FAYETTE, IL	3	0010206629	WSBE779	N
T-Mobile License LLC	D17053	FORD, IL	1	0010206629	WSBE780	N
T-Mobile License LLC	D17053	FORD, IL	2	0010206629	WSBE781	N
T-Mobile License LLC	D17053	FORD, IL	3	0010206629	WSBE782	N
T-Mobile License LLC	D17055	FRANKLIN, IL	1	0010206629	WSBE783	N
T-Mobile License LLC	D17055	FRANKLIN, IL	2	0010206629	WSBE784	N
T-Mobile License LLC	D17055	FRANKLIN, IL	3	0010206629	WSBE785	N
T-Mobile License LLC	D17057	FULTON, IL	1	0010206629	WSBE786	N
T-Mobile License LLC	D17057	FULTON, IL	2	0010206629	WSBE787	N
T-Mobile License LLC	D17057	FULTON, IL	3	0010206629	WSBE788	N
T-Mobile License LLC	D17059	GALLATIN, IL	1	0010206629	WSBE789	N
T-Mobile License LLC	D17059	GALLATIN, IL	2	0010206629	WSBE790	N
T-Mobile License LLC	D17059	GALLATIN, IL	3	0010206629	WSBE791	N
T-Mobile License LLC	D17061	GREENE, IL	1	0010206629	WSBE792	N
T-Mobile License LLC	D17061	GREENE, IL	2	0010206629	WSBE793	N
T-Mobile License LLC	D17061	GREENE, IL	3	0010206629	WSBE794	N
T-Mobile License LLC	D17063	GRUNDY, IL	1	0010206629	WSBE795	N
T-Mobile License LLC	D17063	GRUNDY, IL	2	0010206629	WSBE796	N
T-Mobile License LLC	D17067	HANCOCK, IL	1	0010206629	WSBE797	N
T-Mobile License LLC	D17067	HANCOCK, IL	2	0010206629	WSBE798	N
T-Mobile License LLC	D17067	HANCOCK, IL	3	0010206629	WSBE799	N
T-Mobile License LLC	D17069	HARDIN, IL	1	0010206629	WSBE800	N
T-Mobile License LLC	D17069	HARDIN, IL	2	0010206629	WSBE801	N
T-Mobile License LLC	D17069	HARDIN, IL	3	0010206629	WSBE802	N
T-Mobile License LLC	D17073	HENRY, IL	1	0010206629	WSBE803	N
T-Mobile License LLC	D17073	HENRY, IL	2	0010206629	WSBE804	N
T-Mobile License LLC	D17073	HENRY, IL	3	0010206629	WSBE805	N
T-Mobile License LLC	D17075	IROQUOIS, IL	1	0010206629	WSBE806	N
T-Mobile License LLC	D17075	IROQUOIS, IL	2	0010206629	WSBE807	N
T-Mobile License LLC	D17075	IROQUOIS, IL	3	0010206629	WSBE808	N
T-Mobile License LLC	D17077	JACKSON, IL	1	0010206629	WSBE809	N
T-Mobile License LLC	D17077	JACKSON, IL	2	0010206629	WSBE810	N
T-Mobile License LLC	D17077	JACKSON, IL	3	0010206629	WSBE811	N
T-Mobile License LLC	D17079	JASPER, IL	1	0010206629	WSBE812	N
T-Mobile License LLC	D17079	JASPER, IL	2	0010206629	WSBE813	N
T-Mobile License LLC	D17081	JEFFERSON, IL	1	0010206629	WSBE814	N
T-Mobile License LLC	D17081	JEFFERSON, IL	2	0010206629	WSBE815	N
T-Mobile License LLC	D17081	JEFFERSON, IL	3	0010206629	WSBE816	N
T-Mobile License LLC	D17083	JERSEY, IL	2	0010206629	WSBE817	N

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T-Mobile License LLC	D17083	JERSEY, IL	3	0010206629	WSBE818	N
T-Mobile License LLC	D17085	JO DAVIESS, IL	2	0010206629	WSBE819	N
T-Mobile License LLC	D17085	JO DAVIESS, IL	3	0010206629	WSBE820	N
T-Mobile License LLC	D17087	JOHNSON, IL	1	0010206629	WSBE821	N
T-Mobile License LLC	D17087	JOHNSON, IL	2	0010206629	WSBE822	N
T-Mobile License LLC	D17087	JOHNSON, IL	3	0010206629	WSBE823	N
T-Mobile License LLC	D17089	KANE, IL	1	0010206629	WSBE824	N
T-Mobile License LLC	D17089	KANE, IL	2	0010206629	WSBE825	N
T-Mobile License LLC	D17089	KANE, IL	3	0010206629	WSBE826	N
T-Mobile License LLC	D17091	KANKAKEE, IL	1	0010206629	WSBE827	N
T-Mobile License LLC	D17091	KANKAKEE, IL	2	0010206629	WSBE828	N
T-Mobile License LLC	D17091	KANKAKEE, IL	3	0010206629	WSBE829	N
T-Mobile License LLC	D17093	KENDALL, IL	1	0010206629	WSBE830	N
T-Mobile License LLC	D17093	KENDALL, IL	2	0010206629	WSBE831	N
T-Mobile License LLC	D17093	KENDALL, IL	3	0010206629	WSBE832	N
T-Mobile License LLC	D17095	KNOX, IL	1	0010206629	WSBE833	N
T-Mobile License LLC	D17095	KNOX, IL	2	0010206629	WSBE834	N
T-Mobile License LLC	D17095	KNOX, IL	3	0010206629	WSBE835	N
T-Mobile License LLC	D17097	LAKE, IL	1	0010206629	WSBE836	N
T-Mobile License LLC	D17097	LAKE, IL	2	0010206629	WSBE837	N
T-Mobile License LLC	D17097	LAKE, IL	3	0010206629	WSBE838	N
T-Mobile License LLC	D17099	LASALLE, IL	1	0010206629	WSBE839	N
T-Mobile License LLC	D17099	LASALLE, IL	2	0010206629	WSBE840	N
T-Mobile License LLC	D17101	LAWRENCE, IL	1	0010206629	WSBE841	N
T-Mobile License LLC	D17101	LAWRENCE, IL	2	0010206629	WSBE842	N
T-Mobile License LLC	D17103	LEE, IL	1	0010206629	WSBE843	N
T-Mobile License LLC	D17103	LEE, IL	2	0010206629	WSBE844	N
T-Mobile License LLC	D17103	LEE, IL	3	0010206629	WSBE845	N
T-Mobile License LLC	D17105	LIVINGSTON, IL	1	0010206629	WSBE846	N
T-Mobile License LLC	D17105	LIVINGSTON, IL	2	0010206629	WSBE847	N
T-Mobile License LLC	D17105	LIVINGSTON, IL	3	0010206629	WSBE848	N
T-Mobile License LLC	D17107	LOGAN, IL	1	0010206629	WSBE849	N
T-Mobile License LLC	D17107	LOGAN, IL	2	0010206629	WSBE850	N
T-Mobile License LLC	D17107	LOGAN, IL	3	0010206629	WSBE851	N
T-Mobile License LLC	D17111	MCHENRY, IL	1	0010206629	WSBE852	N
T-Mobile License LLC	D17111	MCHENRY, IL	2	0010206629	WSBE853	N
T-Mobile License LLC	D17111	MCHENRY, IL	3	0010206629	WSBE854	N
T-Mobile License LLC	D17113	MCLEAN, IL	1	0010206629	WSBE855	N
T-Mobile License LLC	D17113	MCLEAN, IL	2	0010206629	WSBE856	N
T-Mobile License LLC	D17113	MCLEAN, IL	3	0010206629	WSBE857	N
T-Mobile License LLC	D17115	MACON, IL	1	0010206629	WSBE858	N
T-Mobile License LLC	D17115	MACON, IL	2	0010206629	WSBE859	N
T-Mobile License LLC	D17115	MACON, IL	3	0010206629	WSBE860	N
T-Mobile License LLC	D17117	MACOUPIN, IL	1	0010206629	WSBE861	N
T-Mobile License LLC	D17117	MACOUPIN, IL	2	0010206629	WSBE862	N
T-Mobile License LLC	D17117	MACOUPIN, IL	3	0010206629	WSBE863	N
T-Mobile License LLC	D17119	MADISON, IL	1	0010206629	WSBE864	N
T-Mobile License LLC	D17119	MADISON, IL	2	0010206629	WSBE865	N
T-Mobile License LLC	D17119	MADISON, IL	3	0010206629	WSBE866	N
T-Mobile License LLC	D17121	MARION, IL	1	0010206629	WSBE867	N
T-Mobile License LLC	D17121	MARION, IL	2	0010206629	WSBE868	N
T-Mobile License LLC	D17121	MARION, IL	3	0010206629	WSBE869	N
T-Mobile License LLC	D17123	MARSHALL, IL	1	0010206629	WSBE870	N
T-Mobile License LLC	D17123	MARSHALL, IL	2	0010206629	WSBE871	N
T-Mobile License LLC	D17123	MARSHALL, IL	3	0010206629	WSBE872	N
T-Mobile License LLC	D17125	MASON, IL	2	0010206629	WSBE873	N

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T-Mobile License LLC	D17125	MASON, IL	3	0010206629	WSBE874	N
T-Mobile License LLC	D17127	MASSAC, IL	1	0010206629	WSBE875	N
T-Mobile License LLC	D17127	MASSAC, IL	2	0010206629	WSBE876	N
T-Mobile License LLC	D17127	MASSAC, IL	3	0010206629	WSBE877	N
T-Mobile License LLC	D17129	MENARD, IL	1	0010206629	WSBE878	N
T-Mobile License LLC	D17129	MENARD, IL	2	0010206629	WSBE879	N
T-Mobile License LLC	D17129	MENARD, IL	3	0010206629	WSBE880	N
T-Mobile License LLC	D17131	MERCER, IL	1	0010206629	WSBE881	N
T-Mobile License LLC	D17131	MERCER, IL	2	0010206629	WSBE882	N
T-Mobile License LLC	D17131	MERCER, IL	3	0010206629	WSBE883	N
T-Mobile License LLC	D17135	MONTGOMERY, IL	1	0010206629	WSBE884	N
T-Mobile License LLC	D17135	MONTGOMERY, IL	2	0010206629	WSBE885	N
T-Mobile License LLC	D17135	MONTGOMERY, IL	3	0010206629	WSBE886	N
T-Mobile License LLC	D17137	MORGAN, IL	1	0010206629	WSBE887	N
T-Mobile License LLC	D17137	MORGAN, IL	2	0010206629	WSBE888	N
T-Mobile License LLC	D17137	MORGAN, IL	3	0010206629	WSBE889	N
T-Mobile License LLC	D17139	MOULTRIE, IL	1	0010206629	WSBE890	N
T-Mobile License LLC	D17139	MOULTRIE, IL	2	0010206629	WSBE891	N
T-Mobile License LLC	D17139	MOULTRIE, IL	3	0010206629	WSBE892	N
T-Mobile License LLC	D17141	OGLE, IL	1	0010206629	WSBE893	N
T-Mobile License LLC	D17141	OGLE, IL	2	0010206629	WSBE894	N
T-Mobile License LLC	D17143	PEORIA, IL	1	0010206629	WSBE895	N
T-Mobile License LLC	D17143	PEORIA, IL	2	0010206629	WSBE896	N
T-Mobile License LLC	D17145	PERRY, IL	2	0010206629	WSBE897	N
T-Mobile License LLC	D17145	PERRY, IL	3	0010206629	WSBE898	N
T-Mobile License LLC	D17147	PIATT, IL	1	0010206629	WSBE899	N
T-Mobile License LLC	D17147	PIATT, IL	2	0010206629	WSBE900	N
T-Mobile License LLC	D17149	PIKE, IL	1	0010206629	WSBE901	N
T-Mobile License LLC	D17149	PIKE, IL	2	0010206629	WSBE902	N
T-Mobile License LLC	D17149	PIKE, IL	3	0010206629	WSBE903	N
T-Mobile License LLC	D17151	POPE, IL	1	0010206629	WSBE904	N
T-Mobile License LLC	D17151	POPE, IL	2	0010206629	WSBE905	N
T-Mobile License LLC	D17151	POPE, IL	3	0010206629	WSBE906	N
T-Mobile License LLC	D17153	PULASKI, IL	1	0010206629	WSBE907	N
T-Mobile License LLC	D17153	PULASKI, IL	2	0010206629	WSBE908	N
T-Mobile License LLC	D17153	PULASKI, IL	3	0010206629	WSBE909	N
T-Mobile License LLC	D17155	PUTNAM, IL	1	0010206629	WSBE910	N
T-Mobile License LLC	D17155	PUTNAM, IL	2	0010206629	WSBE911	N
T-Mobile License LLC	D17155	PUTNAM, IL	3	0010206629	WSBE912	N
T-Mobile License LLC	D17157	RANDOLPH, IL	1	0010206629	WSBE913	N
T-Mobile License LLC	D17157	RANDOLPH, IL	2	0010206629	WSBE914	N
T-Mobile License LLC	D17157	RANDOLPH, IL	3	0010206629	WSBE915	N
T-Mobile License LLC	D17159	RICHLAND, IL	1	0010206629	WSBE916	N
T-Mobile License LLC	D17159	RICHLAND, IL	2	0010206629	WSBE917	N
T-Mobile License LLC	D17161	ROCK ISLAND, IL	1	0010206629	WSBE918	N
T-Mobile License LLC	D17161	ROCK ISLAND, IL	2	0010206629	WSBE919	N
T-Mobile License LLC	D17163	ST. CLAIR, IL	1	0010206629	WSBE920	N
T-Mobile License LLC	D17163	ST. CLAIR, IL	2	0010206629	WSBE921	N
T-Mobile License LLC	D17163	ST. CLAIR, IL	3	0010206629	WSBE922	N
T-Mobile License LLC	D17165	SALINE, IL	1	0010206629	WSBE923	N
T-Mobile License LLC	D17165	SALINE, IL	2	0010206629	WSBE924	N
T-Mobile License LLC	D17165	SALINE, IL	3	0010206629	WSBE925	N
T-Mobile License LLC	D17167	SANGAMON, IL	1	0010206629	WSBE926	N
T-Mobile License LLC	D17167	SANGAMON, IL	2	0010206629	WSBE927	N
T-Mobile License LLC	D17167	SANGAMON, IL	3	0010206629	WSBE928	N
T-Mobile License LLC	D17169	SCHUYLER, IL	1	0010206629	WSBE929	N

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T-Mobile License LLC	D17169	SCHUYLER, IL	2	0010206629	WSBE930	N
T-Mobile License LLC	D17169	SCHUYLER, IL	3	0010206629	WSBE931	N
T-Mobile License LLC	D17171	SCOTT, IL	2	0010206629	WSBE932	N
T-Mobile License LLC	D17171	SCOTT, IL	3	0010206629	WSBE933	N
T-Mobile License LLC	D17173	SHELBY, IL	1	0010206629	WSBE934	N
T-Mobile License LLC	D17173	SHELBY, IL	2	0010206629	WSBE935	N
T-Mobile License LLC	D17173	SHELBY, IL	3	0010206629	WSBE936	N
T-Mobile License LLC	D17175	STARK, IL	1	0010206629	WSBE937	N
T-Mobile License LLC	D17175	STARK, IL	2	0010206629	WSBE938	N
T-Mobile License LLC	D17175	STARK, IL	3	0010206629	WSBE939	N
T-Mobile License LLC	D17177	STEPHENSON, IL	1	0010206629	WSBE940	N
T-Mobile License LLC	D17177	STEPHENSON, IL	2	0010206629	WSBE941	N
T-Mobile License LLC	D17179	TAZEWELL, IL	2	0010206629	WSBE942	N
T-Mobile License LLC	D17181	UNION, IL	1	0010206629	WSBE943	N
T-Mobile License LLC	D17181	UNION, IL	2	0010206629	WSBE944	N
T-Mobile License LLC	D17181	UNION, IL	3	0010206629	WSBE945	N
T-Mobile License LLC	D17183	VERMILION, IL	1	0010206629	WSBE946	N
T-Mobile License LLC	D17183	VERMILION, IL	2	0010206629	WSBE947	N
T-Mobile License LLC	D17183	VERMILION, IL	3	0010206629	WSBE948	N
T-Mobile License LLC	D17185	WABASH, IL	1	0010206629	WSBE949	N
T-Mobile License LLC	D17185	WABASH, IL	2	0010206629	WSBE950	N
T-Mobile License LLC	D17185	WABASH, IL	3	0010206629	WSBE951	N
T-Mobile License LLC	D17189	WASHINGTON, IL	2	0010206629	WSBE952	N
T-Mobile License LLC	D17189	WASHINGTON, IL	3	0010206629	WSBE953	N
T-Mobile License LLC	D17191	WAYNE, IL	1	0010206629	WSBE954	N
T-Mobile License LLC	D17191	WAYNE, IL	2	0010206629	WSBE955	N
T-Mobile License LLC	D17191	WAYNE, IL	3	0010206629	WSBE956	N
T-Mobile License LLC	D17195	WHITESIDE, IL	1	0010206629	WSBE957	N
T-Mobile License LLC	D17195	WHITESIDE, IL	2	0010206629	WSBE958	N
T-Mobile License LLC	D17195	WHITESIDE, IL	3	0010206629	WSBE959	N
T-Mobile License LLC	D17197	WILL, IL	2	0010206629	WSBE960	N
T-Mobile License LLC	D17197	WILL, IL	3	0010206629	WSBE961	N
T-Mobile License LLC	D17199	WILLIAMSON, IL	1	0010206629	WSBE962	N
T-Mobile License LLC	D17199	WILLIAMSON, IL	2	0010206629	WSBE963	N
T-Mobile License LLC	D17199	WILLIAMSON, IL	3	0010206629	WSBE964	N
T-Mobile License LLC	D17201	WINNEBAGO, IL	1	0010206629	WSBE965	N
T-Mobile License LLC	D17201	WINNEBAGO, IL	2	0010206629	WSBE966	N
T-Mobile License LLC	D17203	WOODFORD, IL	1	0010206629	WSBE967	N
T-Mobile License LLC	D17203	WOODFORD, IL	2	0010206629	WSBE968	N
T-Mobile License LLC	D18001	ADAMS, IN	2	0010206629	WSBE969	N
T-Mobile License LLC	D18001	ADAMS, IN	3	0010206629	WSBE970	N
T-Mobile License LLC	D18005	BARTHOLOMEW, IN	2	0010206629	WSBE971	N
T-Mobile License LLC	D18007	BENTON, IN	1	0010206629	WSBE972	N
T-Mobile License LLC	D18007	BENTON, IN	2	0010206629	WSBE973	N
T-Mobile License LLC	D18007	BENTON, IN	3	0010206629	WSBE974	N
T-Mobile License LLC	D18009	BLACKFORD, IN	1	0010206629	WSBE975	N
T-Mobile License LLC	D18009	BLACKFORD, IN	2	0010206629	WSBE976	N
T-Mobile License LLC	D18009	BLACKFORD, IN	3	0010206629	WSBE977	N
T-Mobile License LLC	D18017	CASS, IN	1	0010206629	WSBE978	N
T-Mobile License LLC	D18017	CASS, IN	2	0010206629	WSBE979	N
T-Mobile License LLC	D18019	CLARK, IN	1	0010206629	WSBE980	N
T-Mobile License LLC	D18019	CLARK, IN	2	0010206629	WSBE981	N
T-Mobile License LLC	D18019	CLARK, IN	3	0010206629	WSBE982	N
T-Mobile License LLC	D18021	CLAY, IN	1	0010206629	WSBE983	N
T-Mobile License LLC	D18021	CLAY, IN	2	0010206629	WSBE984	N
T-Mobile License LLC	D18021	CLAY, IN	3	0010206629	WSBE985	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D18025	CRAWFORD, IN	1	0010206629	WSBE986	N
T-Mobile License LLC	D18025	CRAWFORD, IN	2	0010206629	WSBE987	N
T-Mobile License LLC	D18025	CRAWFORD, IN	3	0010206629	WSBE988	N
T-Mobile License LLC	D18027	DAVIESS, IN	2	0010206629	WSBE989	N
T-Mobile License LLC	D18027	DAVIESS, IN	3	0010206629	WSBE990	N
T-Mobile License LLC	D18029	DEARBORN, IN	2	0010206629	WSBE991	N
T-Mobile License LLC	D18031	DECATUR, IN	2	0010206629	WSBE992	N
T-Mobile License LLC	D18033	DEKALB, IN	1	0010206629	WSBE993	N
T-Mobile License LLC	D18033	DEKALB, IN	2	0010206629	WSBE994	N
T-Mobile License LLC	D18033	DEKALB, IN	3	0010206629	WSBE995	N
T-Mobile License LLC	D18037	DUBOIS, IN	1	0010206629	WSBE996	N
T-Mobile License LLC	D18037	DUBOIS, IN	2	0010206629	WSBE997	N
T-Mobile License LLC	D18037	DUBOIS, IN	3	0010206629	WSBE998	N
T-Mobile License LLC	D18045	FOUNTAIN, IN	1	0010206629	WSBE999	N
T-Mobile License LLC	D18045	FOUNTAIN, IN	2	0010206629	WSBF200	N
T-Mobile License LLC	D18045	FOUNTAIN, IN	3	0010206629	WSBF201	N
T-Mobile License LLC	D18047	FRANKLIN, IN	2	0010206629	WSBF202	N
T-Mobile License LLC	D18049	FULTON, IN	2	0010206629	WSBF203	N
T-Mobile License LLC	D18051	GIBSON, IN	1	0010206629	WSBF204	N
T-Mobile License LLC	D18051	GIBSON, IN	2	0010206629	WSBF205	N
T-Mobile License LLC	D18051	GIBSON, IN	3	0010206629	WSBF206	N
T-Mobile License LLC	D18053	GRANT, IN	1	0010206629	WSBF207	N
T-Mobile License LLC	D18053	GRANT, IN	2	0010206629	WSBF208	N
T-Mobile License LLC	D18055	GREENE, IN	2	0010206629	WSBF209	N
T-Mobile License LLC	D18055	GREENE, IN	3	0010206629	WSBF210	N
T-Mobile License LLC	D18069	HUNTINGTON, IN	1	0010206629	WSBF211	N
T-Mobile License LLC	D18069	HUNTINGTON, IN	2	0010206629	WSBF212	N
T-Mobile License LLC	D18071	JACKSON, IN	1	0010206629	WSBF213	N
T-Mobile License LLC	D18071	JACKSON, IN	2	0010206629	WSBF214	N
T-Mobile License LLC	D18071	JACKSON, IN	3	0010206629	WSBF215	N
T-Mobile License LLC	D18073	JASPER, IN	1	0010206629	WSBF216	N
T-Mobile License LLC	D18073	JASPER, IN	2	0010206629	WSBF217	N
T-Mobile License LLC	D18073	JASPER, IN	3	0010206629	WSBF218	N
T-Mobile License LLC	D18075	JAY, IN	2	0010206629	WSBF219	N
T-Mobile License LLC	D18075	JAY, IN	3	0010206629	WSBF220	N
T-Mobile License LLC	D18077	JEFFERSON, IN	1	0010206629	WSBF221	N
T-Mobile License LLC	D18077	JEFFERSON, IN	2	0010206629	WSBF222	N
T-Mobile License LLC	D18077	JEFFERSON, IN	3	0010206629	WSBF223	N
T-Mobile License LLC	D18079	JENNINGS, IN	1	0010206629	WSBF224	N
T-Mobile License LLC	D18079	JENNINGS, IN	2	0010206629	WSBF225	N
T-Mobile License LLC	D18083	KNOX, IN	1	0010206629	WSBF226	N
T-Mobile License LLC	D18083	KNOX, IN	2	0010206629	WSBF227	N
T-Mobile License LLC	D18083	KNOX, IN	3	0010206629	WSBF228	N
T-Mobile License LLC	D18085	KOSCIUSKO, IN	2	0010206629	WSBF229	N
T-Mobile License LLC	D18087	LAGRANGE, IN	1	0010206629	WSBF230	N
T-Mobile License LLC	D18087	LAGRANGE, IN	2	0010206629	WSBF231	N
T-Mobile License LLC	D18087	LAGRANGE, IN	3	0010206629	WSBF232	N
T-Mobile License LLC	D18089	LAKE, IN	2	0010206629	WSBF233	N
T-Mobile License LLC	D18089	LAKE, IN	3	0010206629	WSBF234	N
T-Mobile License LLC	D18091	LAPORTE, IN	1	0010206629	WSBF235	N
T-Mobile License LLC	D18091	LAPORTE, IN	2	0010206629	WSBF236	N
T-Mobile License LLC	D18091	LAPORTE, IN	3	0010206629	WSBF237	N
T-Mobile License LLC	D18101	MARTIN, IN	1	0010206629	WSBF238	N
T-Mobile License LLC	D18101	MARTIN, IN	2	0010206629	WSBF239	N
T-Mobile License LLC	D18101	MARTIN, IN	3	0010206629	WSBF240	N
T-Mobile License LLC	D18103	MIAMI, IN	1	0010206629	WSBF241	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D18103	MIAMI, IN	2	0010206629	WSBF242	N
T-Mobile License LLC	D18107	MONTGOMERY, IN	1	0010206629	WSBF243	N
T-Mobile License LLC	D18107	MONTGOMERY, IN	2	0010206629	WSBF244	N
T-Mobile License LLC	D18107	MONTGOMERY, IN	3	0010206629	WSBF245	N
T-Mobile License LLC	D18111	NEWTON, IN	1	0010206629	WSBF246	N
T-Mobile License LLC	D18111	NEWTON, IN	2	0010206629	WSBF247	N
T-Mobile License LLC	D18111	NEWTON, IN	3	0010206629	WSBF248	N
T-Mobile License LLC	D18115	OHIO, IN	2	0010206629	WSBF249	N
T-Mobile License LLC	D18117	ORANGE, IN	1	0010206629	WSBF250	N
T-Mobile License LLC	D18117	ORANGE, IN	2	0010206629	WSBF251	N
T-Mobile License LLC	D18117	ORANGE, IN	3	0010206629	WSBF252	N
T-Mobile License LLC	D18121	PARKE, IN	1	0010206629	WSBF253	N
T-Mobile License LLC	D18121	PARKE, IN	2	0010206629	WSBF254	N
T-Mobile License LLC	D18121	PARKE, IN	3	0010206629	WSBF255	N
T-Mobile License LLC	D18123	PERRY, IN	1	0010206629	WSBF256	N
T-Mobile License LLC	D18123	PERRY, IN	2	0010206629	WSBF257	N
T-Mobile License LLC	D18123	PERRY, IN	3	0010206629	WSBF258	N
T-Mobile License LLC	D18125	PIKE, IN	2	0010206629	WSBF259	N
T-Mobile License LLC	D18125	PIKE, IN	3	0010206629	WSBF260	N
T-Mobile License LLC	D18127	PORTER, IN	1	0010206629	WSBF261	N
T-Mobile License LLC	D18127	PORTER, IN	2	0010206629	WSBF262	N
T-Mobile License LLC	D18127	PORTER, IN	3	0010206629	WSBF263	N
T-Mobile License LLC	D18129	POSEY, IN	1	0010206629	WSBF264	N
T-Mobile License LLC	D18129	POSEY, IN	2	0010206629	WSBF265	N
T-Mobile License LLC	D18129	POSEY, IN	3	0010206629	WSBF266	N
T-Mobile License LLC	D18131	PULASKI, IN	2	0010206629	WSBF267	N
T-Mobile License LLC	D18131	PULASKI, IN	3	0010206629	WSBF268	N
T-Mobile License LLC	D18133	PUTNAM, IN	1	0010206629	WSBF269	N
T-Mobile License LLC	D18133	PUTNAM, IN	2	0010206629	WSBF270	N
T-Mobile License LLC	D18133	PUTNAM, IN	3	0010206629	WSBF271	N
T-Mobile License LLC	D18135	RANDOLPH, IN	1	0010206629	WSBF272	N
T-Mobile License LLC	D18135	RANDOLPH, IN	2	0010206629	WSBF273	N
T-Mobile License LLC	D18135	RANDOLPH, IN	3	0010206629	WSBF274	N
T-Mobile License LLC	D18137	RIPLEY, IN	2	0010206629	WSBF275	N
T-Mobile License LLC	D18139	RUSH, IN	2	0010206629	WSBF276	N
T-Mobile License LLC	D18143	SCOTT, IN	1	0010206629	WSBF277	N
T-Mobile License LLC	D18143	SCOTT, IN	2	0010206629	WSBF278	N
T-Mobile License LLC	D18143	SCOTT, IN	3	0010206629	WSBF279	N
T-Mobile License LLC	D18145	SHELBY, IN	2	0010206629	WSBF280	N
T-Mobile License LLC	D18149	STARKE, IN	2	0010206629	WSBF281	N
T-Mobile License LLC	D18149	STARKE, IN	3	0010206629	WSBF282	N
T-Mobile License LLC	D18151	STEUBEN, IN	2	0010206629	WSBF283	N
T-Mobile License LLC	D18151	STEUBEN, IN	3	0010206629	WSBF284	N
T-Mobile License LLC	D18153	SULLIVAN, IN	2	0010206629	WSBF285	N
T-Mobile License LLC	D18153	SULLIVAN, IN	3	0010206629	WSBF286	N
T-Mobile License LLC	D18155	SWITZERLAND, IN	1	0010206629	WSBF287	N
T-Mobile License LLC	D18155	SWITZERLAND, IN	2	0010206629	WSBF288	N
T-Mobile License LLC	D18161	UNION, IN	1	0010206629	WSBF289	N
T-Mobile License LLC	D18161	UNION, IN	2	0010206629	WSBF290	N
T-Mobile License LLC	D18161	UNION, IN	3	0010206629	WSBF291	N
T-Mobile License LLC	D18165	VERMILLION, IN	1	0010206629	WSBF292	N
T-Mobile License LLC	D18165	VERMILLION, IN	2	0010206629	WSBF293	N
T-Mobile License LLC	D18165	VERMILLION, IN	3	0010206629	WSBF294	N
T-Mobile License LLC	D18167	VIGO, IN	1	0010206629	WSBF295	N
T-Mobile License LLC	D18167	VIGO, IN	2	0010206629	WSBF296	N
T-Mobile License LLC	D18167	VIGO, IN	3	0010206629	WSBF297	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D18171	WARREN, IN	1	0010206629	WSBF298	N
T-Mobile License LLC	D18171	WARREN, IN	2	0010206629	WSBF299	N
T-Mobile License LLC	D18171	WARREN, IN	3	0010206629	WSBF300	N
T-Mobile License LLC	D18175	WASHINGTON, IN	1	0010206629	WSBF301	N
T-Mobile License LLC	D18175	WASHINGTON, IN	2	0010206629	WSBF302	N
T-Mobile License LLC	D18175	WASHINGTON, IN	3	0010206629	WSBF303	N
T-Mobile License LLC	D18177	WAYNE, IN	1	0010206629	WSBF304	N
T-Mobile License LLC	D18177	WAYNE, IN	2	0010206629	WSBF305	N
T-Mobile License LLC	D18177	WAYNE, IN	3	0010206629	WSBF306	N
T-Mobile License LLC	D18181	WHITE, IN	1	0010206629	WSBF307	N
T-Mobile License LLC	D18181	WHITE, IN	2	0010206629	WSBF308	N
T-Mobile License LLC	D18181	WHITE, IN	3	0010206629	WSBF309	N
T-Mobile License LLC	D19001	ADAIR, IA	2	0010206629	WSBF310	N
T-Mobile License LLC	D19001	ADAIR, IA	3	0010206629	WSBF311	N
T-Mobile License LLC	D19003	ADAMS, IA	2	0010206629	WSBF312	N
T-Mobile License LLC	D19003	ADAMS, IA	3	0010206629	WSBF313	N
T-Mobile License LLC	D19005	ALLAMAKEE, IA	1	0010206629	WSBF314	N
T-Mobile License LLC	D19005	ALLAMAKEE, IA	2	0010206629	WSBF315	N
T-Mobile License LLC	D19005	ALLAMAKEE, IA	3	0010206629	WSBF316	N
T-Mobile License LLC	D19007	APPANOOSE, IA	2	0010206629	WSBF317	N
T-Mobile License LLC	D19007	APPANOOSE, IA	3	0010206629	WSBF318	N
T-Mobile License LLC	D19009	AUDUBON, IA	1	0010206629	WSBF319	N
T-Mobile License LLC	D19009	AUDUBON, IA	2	0010206629	WSBF320	N
T-Mobile License LLC	D19009	AUDUBON, IA	3	0010206629	WSBF321	N
T-Mobile License LLC	D19011	BENTON, IA	1	0010206629	WSBF322	N
T-Mobile License LLC	D19011	BENTON, IA	2	0010206629	WSBF323	N
T-Mobile License LLC	D19011	BENTON, IA	3	0010206629	WSBF324	N
T-Mobile License LLC	D19013	BLACK HAWK, IA	1	0010206629	WSBF325	N
T-Mobile License LLC	D19013	BLACK HAWK, IA	2	0010206629	WSBF326	N
T-Mobile License LLC	D19013	BLACK HAWK, IA	3	0010206629	WSBF327	N
T-Mobile License LLC	D19017	BREMER, IA	1	0010206629	WSBF328	N
T-Mobile License LLC	D19017	BREMER, IA	2	0010206629	WSBF329	N
T-Mobile License LLC	D19017	BREMER, IA	3	0010206629	WSBF330	N
T-Mobile License LLC	D19019	BUCHANAN, IA	1	0010206629	WSBF331	N
T-Mobile License LLC	D19019	BUCHANAN, IA	2	0010206629	WSBF332	N
T-Mobile License LLC	D19019	BUCHANAN, IA	3	0010206629	WSBF333	N
T-Mobile License LLC	D19021	BUENA VISTA, IA	1	0010206629	WSBF334	N
T-Mobile License LLC	D19021	BUENA VISTA, IA	2	0010206629	WSBF335	N
T-Mobile License LLC	D19021	BUENA VISTA, IA	3	0010206629	WSBF336	N
T-Mobile License LLC	D19023	BUTLER, IA	1	0010206629	WSBF337	N
T-Mobile License LLC	D19023	BUTLER, IA	2	0010206629	WSBF338	N
T-Mobile License LLC	D19025	CALHOUN, IA	1	0010206629	WSBF339	N
T-Mobile License LLC	D19025	CALHOUN, IA	2	0010206629	WSBF340	N
T-Mobile License LLC	D19025	CALHOUN, IA	3	0010206629	WSBF341	N
T-Mobile License LLC	D19027	CARROLL, IA	1	0010206629	WSBF342	N
T-Mobile License LLC	D19027	CARROLL, IA	2	0010206629	WSBF343	N
T-Mobile License LLC	D19027	CARROLL, IA	3	0010206629	WSBF344	N
T-Mobile License LLC	D19029	CASS, IA	1	0010206629	WSBF345	N
T-Mobile License LLC	D19029	CASS, IA	2	0010206629	WSBF346	N
T-Mobile License LLC	D19029	CASS, IA	3	0010206629	WSBF347	N
T-Mobile License LLC	D19031	CEDAR, IA	1	0010206629	WSBF348	N
T-Mobile License LLC	D19031	CEDAR, IA	2	0010206629	WSBF349	N
T-Mobile License LLC	D19031	CEDAR, IA	3	0010206629	WSBF350	N
T-Mobile License LLC	D19033	CERRO GORDO, IA	2	0010206629	WSBF351	N
T-Mobile License LLC	D19033	CERRO GORDO, IA	3	0010206629	WSBF352	N
T-Mobile License LLC	D19035	CHEROKEE, IA	1	0010206629	WSBF353	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D19035	CHEROKEE, IA	2	0010206629	WSBF354	N
T-Mobile License LLC	D19035	CHEROKEE, IA	3	0010206629	WSBF355	N
T-Mobile License LLC	D19037	CHICKASAW, IA	1	0010206629	WSBF356	N
T-Mobile License LLC	D19037	CHICKASAW, IA	2	0010206629	WSBF357	N
T-Mobile License LLC	D19037	CHICKASAW, IA	3	0010206629	WSBF358	N
T-Mobile License LLC	D19039	CLARKE, IA	2	0010206629	WSBF359	N
T-Mobile License LLC	D19039	CLARKE, IA	3	0010206629	WSBF360	N
T-Mobile License LLC	D19041	CLAY, IA	1	0010206629	WSBF361	N
T-Mobile License LLC	D19041	CLAY, IA	2	0010206629	WSBF362	N
T-Mobile License LLC	D19041	CLAY, IA	3	0010206629	WSBF363	N
T-Mobile License LLC	D19043	CLAYTON, IA	1	0010206629	WSBF364	N
T-Mobile License LLC	D19043	CLAYTON, IA	2	0010206629	WSBF365	N
T-Mobile License LLC	D19043	CLAYTON, IA	3	0010206629	WSBF366	N
T-Mobile License LLC	D19045	CLINTON, IA	1	0010206629	WSBF367	N
T-Mobile License LLC	D19045	CLINTON, IA	2	0010206629	WSBF368	N
T-Mobile License LLC	D19045	CLINTON, IA	3	0010206629	WSBF369	N
T-Mobile License LLC	D19047	CRAWFORD, IA	1	0010206629	WSBF370	N
T-Mobile License LLC	D19047	CRAWFORD, IA	2	0010206629	WSBF371	N
T-Mobile License LLC	D19047	CRAWFORD, IA	3	0010206629	WSBF372	N
T-Mobile License LLC	D19049	DALLAS, IA	1	0010206629	WSBF373	N
T-Mobile License LLC	D19049	DALLAS, IA	2	0010206629	WSBF374	N
T-Mobile License LLC	D19051	DAVIS, IA	2	0010206629	WSBF375	N
T-Mobile License LLC	D19053	DECATUR, IA	1	0010206629	WSBF376	N
T-Mobile License LLC	D19053	DECATUR, IA	2	0010206629	WSBF377	N
T-Mobile License LLC	D19053	DECATUR, IA	3	0010206629	WSBF378	N
T-Mobile License LLC	D19055	DELAWARE, IA	2	0010206629	WSBF379	N
T-Mobile License LLC	D19055	DELAWARE, IA	3	0010206629	WSBF380	N
T-Mobile License LLC	D19057	DES MOINES, IA	2	0010206629	WSBF381	N
T-Mobile License LLC	D19057	DES MOINES, IA	3	0010206629	WSBF382	N
T-Mobile License LLC	D19061	DUBUQUE, IA	2	0010206629	WSBF383	N
T-Mobile License LLC	D19061	DUBUQUE, IA	3	0010206629	WSBF384	N
T-Mobile License LLC	D19063	EMMET, IA	1	0010206629	WSBF385	N
T-Mobile License LLC	D19063	EMMET, IA	2	0010206629	WSBF386	N
T-Mobile License LLC	D19065	FAYETTE, IA	1	0010206629	WSBF387	N
T-Mobile License LLC	D19065	FAYETTE, IA	2	0010206629	WSBF388	N
T-Mobile License LLC	D19065	FAYETTE, IA	3	0010206629	WSBF389	N
T-Mobile License LLC	D19067	FLOYD, IA	1	0010206629	WSBF390	N
T-Mobile License LLC	D19067	FLOYD, IA	2	0010206629	WSBF391	N
T-Mobile License LLC	D19067	FLOYD, IA	3	0010206629	WSBF392	N
T-Mobile License LLC	D19069	FRANKLIN, IA	1	0010206629	WSBF393	N
T-Mobile License LLC	D19069	FRANKLIN, IA	2	0010206629	WSBF394	N
T-Mobile License LLC	D19069	FRANKLIN, IA	3	0010206629	WSBF395	N
T-Mobile License LLC	D19071	FREMONT, IA	2	0010206629	WSBF396	N
T-Mobile License LLC	D19071	FREMONT, IA	3	0010206629	WSBF397	N
T-Mobile License LLC	D19073	GREENE, IA	2	0010206629	WSBF398	N
T-Mobile License LLC	D19073	GREENE, IA	3	0010206629	WSBF399	N
T-Mobile License LLC	D19075	GRUNDY, IA	1	0010206629	WSBF400	N
T-Mobile License LLC	D19075	GRUNDY, IA	2	0010206629	WSBF401	N
T-Mobile License LLC	D19077	GUTHRIE, IA	2	0010206629	WSBF402	N
T-Mobile License LLC	D19079	HAMILTON, IA	2	0010206629	WSBF403	N
T-Mobile License LLC	D19079	HAMILTON, IA	3	0010206629	WSBF404	N
T-Mobile License LLC	D19081	HANCOCK, IA	1	0010206629	WSBF405	N
T-Mobile License LLC	D19081	HANCOCK, IA	2	0010206629	WSBF406	N
T-Mobile License LLC	D19081	HANCOCK, IA	3	0010206629	WSBF407	N
T-Mobile License LLC	D19083	HARDIN, IA	1	0010206629	WSBF408	N
T-Mobile License LLC	D19083	HARDIN, IA	2	0010206629	WSBF409	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D19085	HARRISON, IA	1	0010206629	WSBF410	N
T-Mobile License LLC	D19085	HARRISON, IA	2	0010206629	WSBF411	N
T-Mobile License LLC	D19085	HARRISON, IA	3	0010206629	WSBF412	N
T-Mobile License LLC	D19087	HENRY, IA	2	0010206629	WSBF413	N
T-Mobile License LLC	D19087	HENRY, IA	3	0010206629	WSBF414	N
T-Mobile License LLC	D19089	HOWARD, IA	2	0010206629	WSBF415	N
T-Mobile License LLC	D19089	HOWARD, IA	3	0010206629	WSBF416	N
T-Mobile License LLC	D19091	HUMBOLDT, IA	1	0010206629	WSBF417	N
T-Mobile License LLC	D19091	HUMBOLDT, IA	2	0010206629	WSBF418	N
T-Mobile License LLC	D19091	HUMBOLDT, IA	3	0010206629	WSBF419	N
T-Mobile License LLC	D19093	IDA, IA	1	0010206629	WSBF420	N
T-Mobile License LLC	D19093	IDA, IA	2	0010206629	WSBF421	N
T-Mobile License LLC	D19093	IDA, IA	3	0010206629	WSBF422	N
T-Mobile License LLC	D19095	IOWA, IA	1	0010206629	WSBF423	N
T-Mobile License LLC	D19095	IOWA, IA	2	0010206629	WSBF424	N
T-Mobile License LLC	D19095	IOWA, IA	3	0010206629	WSBF425	N
T-Mobile License LLC	D19097	JACKSON, IA	1	0010206629	WSBF426	N
T-Mobile License LLC	D19097	JACKSON, IA	2	0010206629	WSBF427	N
T-Mobile License LLC	D19097	JACKSON, IA	3	0010206629	WSBF428	N
T-Mobile License LLC	D19099	JASPER, IA	2	0010206629	WSBF429	N
T-Mobile License LLC	D19099	JASPER, IA	3	0010206629	WSBF430	N
T-Mobile License LLC	D19101	JEFFERSON, IA	1	0010206629	WSBF431	N
T-Mobile License LLC	D19101	JEFFERSON, IA	2	0010206629	WSBF432	N
T-Mobile License LLC	D19103	JOHNSON, IA	1	0010206629	WSBF433	N
T-Mobile License LLC	D19103	JOHNSON, IA	2	0010206629	WSBF434	N
T-Mobile License LLC	D19105	JONES, IA	1	0010206629	WSBF435	N
T-Mobile License LLC	D19105	JONES, IA	2	0010206629	WSBF436	N
T-Mobile License LLC	D19105	JONES, IA	3	0010206629	WSBF437	N
T-Mobile License LLC	D19107	KEOKUK, IA	1	0010206629	WSBF438	N
T-Mobile License LLC	D19107	KEOKUK, IA	2	0010206629	WSBF439	N
T-Mobile License LLC	D19107	KEOKUK, IA	3	0010206629	WSBF440	N
T-Mobile License LLC	D19109	KOSSUTH, IA	1	0010206629	WSBF441	N
T-Mobile License LLC	D19109	KOSSUTH, IA	2	0010206629	WSBF442	N
T-Mobile License LLC	D19109	KOSSUTH, IA	3	0010206629	WSBF443	N
T-Mobile License LLC	D19111	LEE, IA	2	0010206629	WSBF444	N
T-Mobile License LLC	D19111	LEE, IA	3	0010206629	WSBF445	N
T-Mobile License LLC	D19113	LINN, IA	1	0010206629	WSBF446	N
T-Mobile License LLC	D19113	LINN, IA	2	0010206629	WSBF447	N
T-Mobile License LLC	D19113	LINN, IA	3	0010206629	WSBF448	N
T-Mobile License LLC	D19115	LOUISA, IA	2	0010206629	WSBF449	N
T-Mobile License LLC	D19115	LOUISA, IA	3	0010206629	WSBF450	N
T-Mobile License LLC	D19117	LUCAS, IA	2	0010206629	WSBF451	N
T-Mobile License LLC	D19117	LUCAS, IA	3	0010206629	WSBF452	N
T-Mobile License LLC	D19119	LYON, IA	1	0010206629	WSBF453	N
T-Mobile License LLC	D19119	LYON, IA	2	0010206629	WSBF454	N
T-Mobile License LLC	D19119	LYON, IA	3	0010206629	WSBF455	N
T-Mobile License LLC	D19123	MAHASKA, IA	1	0010206629	WSBF456	N
T-Mobile License LLC	D19123	MAHASKA, IA	2	0010206629	WSBF457	N
T-Mobile License LLC	D19123	MAHASKA, IA	3	0010206629	WSBF458	N
T-Mobile License LLC	D19125	MARION, IA	2	0010206629	WSBF459	N
T-Mobile License LLC	D19125	MARION, IA	3	0010206629	WSBF460	N
T-Mobile License LLC	D19127	MARSHALL, IA	1	0010206629	WSBF461	N
T-Mobile License LLC	D19127	MARSHALL, IA	2	0010206629	WSBF462	N
T-Mobile License LLC	D19127	MARSHALL, IA	3	0010206629	WSBF463	N
T-Mobile License LLC	D19129	MILLS, IA	1	0010206629	WSBF464	N
T-Mobile License LLC	D19129	MILLS, IA	3	0010206629	WSBF465	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D19131	MITCHELL, IA	1	0010206629	WSBF466	N
T-Mobile License LLC	D19131	MITCHELL, IA	2	0010206629	WSBF467	N
T-Mobile License LLC	D19131	MITCHELL, IA	3	0010206629	WSBF468	N
T-Mobile License LLC	D19133	MONONA, IA	2	0010206629	WSBF469	N
T-Mobile License LLC	D19133	MONONA, IA	3	0010206629	WSBF470	N
T-Mobile License LLC	D19135	MONROE, IA	1	0010206629	WSBF471	N
T-Mobile License LLC	D19135	MONROE, IA	2	0010206629	WSBF472	N
T-Mobile License LLC	D19135	MONROE, IA	3	0010206629	WSBF473	N
T-Mobile License LLC	D19137	MONTGOMERY, IA	2	0010206629	WSBF474	N
T-Mobile License LLC	D19137	MONTGOMERY, IA	3	0010206629	WSBF475	N
T-Mobile License LLC	D19139	MUSCATINE, IA	2	0010206629	WSBF476	N
T-Mobile License LLC	D19139	MUSCATINE, IA	3	0010206629	WSBF477	N
T-Mobile License LLC	D19141	O'BRIEN, IA	2	0010206629	WSBF478	N
T-Mobile License LLC	D19141	O'BRIEN, IA	3	0010206629	WSBF479	N
T-Mobile License LLC	D19143	OSCEOLA, IA	1	0010206629	WSBF480	N
T-Mobile License LLC	D19143	OSCEOLA, IA	2	0010206629	WSBF481	N
T-Mobile License LLC	D19143	OSCEOLA, IA	3	0010206629	WSBF482	N
T-Mobile License LLC	D19145	PAGE, IA	2	0010206629	WSBF483	N
T-Mobile License LLC	D19145	PAGE, IA	3	0010206629	WSBF484	N
T-Mobile License LLC	D19147	PALO ALTO, IA	1	0010206629	WSBF485	N
T-Mobile License LLC	D19147	PALO ALTO, IA	2	0010206629	WSBF486	N
T-Mobile License LLC	D19147	PALO ALTO, IA	3	0010206629	WSBF487	N
T-Mobile License LLC	D19149	PLYMOUTH, IA	1	0010206629	WSBF488	N
T-Mobile License LLC	D19149	PLYMOUTH, IA	2	0010206629	WSBF489	N
T-Mobile License LLC	D19149	PLYMOUTH, IA	3	0010206629	WSBF490	N
T-Mobile License LLC	D19151	POCAHONTAS, IA	1	0010206629	WSBF491	N
T-Mobile License LLC	D19151	POCAHONTAS, IA	2	0010206629	WSBF492	N
T-Mobile License LLC	D19151	POCAHONTAS, IA	3	0010206629	WSBF493	N
T-Mobile License LLC	D19155	POTTAWATTAMIE, IA	2	0010206629	WSBF494	N
T-Mobile License LLC	D19155	POTTAWATTAMIE, IA	3	0010206629	WSBF495	N
T-Mobile License LLC	D19157	POWESHIEK, IA	1	0010206629	WSBF496	N
T-Mobile License LLC	D19157	POWESHIEK, IA	2	0010206629	WSBF497	N
T-Mobile License LLC	D19157	POWESHIEK, IA	3	0010206629	WSBF498	N
T-Mobile License LLC	D19159	RINGGOLD, IA	1	0010206629	WSBF499	N
T-Mobile License LLC	D19159	RINGGOLD, IA	2	0010206629	WSBF500	N
T-Mobile License LLC	D19159	RINGGOLD, IA	3	0010206629	WSBF501	N
T-Mobile License LLC	D19161	SAC, IA	1	0010206629	WSBF502	N
T-Mobile License LLC	D19161	SAC, IA	2	0010206629	WSBF503	N
T-Mobile License LLC	D19161	SAC, IA	3	0010206629	WSBF504	N
T-Mobile License LLC	D19163	SCOTT, IA	2	0010206629	WSBF505	N
T-Mobile License LLC	D19165	SHELBY, IA	2	0010206629	WSBF506	N
T-Mobile License LLC	D19165	SHELBY, IA	3	0010206629	WSBF507	N
T-Mobile License LLC	D19167	SIOUX, IA	1	0010206629	WSBF508	N
T-Mobile License LLC	D19167	SIOUX, IA	2	0010206629	WSBF509	N
T-Mobile License LLC	D19167	SIOUX, IA	3	0010206629	WSBF510	N
T-Mobile License LLC	D19169	STORY, IA	2	0010206629	WSBF511	N
T-Mobile License LLC	D19171	TAMA, IA	1	0010206629	WSBF512	N
T-Mobile License LLC	D19171	TAMA, IA	2	0010206629	WSBF513	N
T-Mobile License LLC	D19171	TAMA, IA	3	0010206629	WSBF514	N
T-Mobile License LLC	D19173	TAYLOR, IA	2	0010206629	WSBF515	N
T-Mobile License LLC	D19173	TAYLOR, IA	3	0010206629	WSBF516	N
T-Mobile License LLC	D19175	UNION, IA	2	0010206629	WSBF517	N
T-Mobile License LLC	D19175	UNION, IA	3	0010206629	WSBF518	N
T-Mobile License LLC	D19177	VAN BUREN, IA	2	0010206629	WSBF519	N
T-Mobile License LLC	D19179	WAPELLO, IA	2	0010206629	WSBF520	N
T-Mobile License LLC	D19183	WASHINGTON, IA	2	0010206629	WSBF521	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D19183	WASHINGTON, IA	3	0010206629	WSBF522	N
T-Mobile License LLC	D19185	WAYNE, IA	2	0010206629	WSBF523	N
T-Mobile License LLC	D19185	WAYNE, IA	3	0010206629	WSBF524	N
T-Mobile License LLC	D19187	WEBSTER, IA	2	0010206629	WSBF525	N
T-Mobile License LLC	D19187	WEBSTER, IA	3	0010206629	WSBF526	N
T-Mobile License LLC	D19189	WINNEBAGO, IA	1	0010206629	WSBF527	N
T-Mobile License LLC	D19189	WINNEBAGO, IA	2	0010206629	WSBF528	N
T-Mobile License LLC	D19189	WINNEBAGO, IA	3	0010206629	WSBF529	N
T-Mobile License LLC	D19191	WINNESHIEK, IA	2	0010206629	WSBF530	N
T-Mobile License LLC	D19191	WINNESHIEK, IA	3	0010206629	WSBF531	N
T-Mobile License LLC	D19193	WOODBURY, IA	1	0010206629	WSBF532	N
T-Mobile License LLC	D19193	WOODBURY, IA	2	0010206629	WSBF533	N
T-Mobile License LLC	D19193	WOODBURY, IA	3	0010206629	WSBF534	N
T-Mobile License LLC	D19195	WORTH, IA	1	0010206629	WSBF535	N
T-Mobile License LLC	D19195	WORTH, IA	2	0010206629	WSBF536	N
T-Mobile License LLC	D19195	WORTH, IA	3	0010206629	WSBF537	N
T-Mobile License LLC	D19197	WRIGHT, IA	1	0010206629	WSBF538	N
T-Mobile License LLC	D19197	WRIGHT, IA	2	0010206629	WSBF539	N
T-Mobile License LLC	D19197	WRIGHT, IA	3	0010206629	WSBF540	N
T-Mobile License LLC	D20001	ALLEN, KS	2	0010206629	WSBF541	N
T-Mobile License LLC	D20003	ANDERSON, KS	1	0010206629	WSBF542	N
T-Mobile License LLC	D20003	ANDERSON, KS	2	0010206629	WSBF543	N
T-Mobile License LLC	D20007	BARBER, KS	2	0010206629	WSBF544	N
T-Mobile License LLC	D20007	BARBER, KS	3	0010206629	WSBF545	N
T-Mobile License LLC	D20009	BARTON, KS	2	0010206629	WSBF546	N
T-Mobile License LLC	D20009	BARTON, KS	3	0010206629	WSBF547	N
T-Mobile License LLC	D20011	BOURBON, KS	2	0010206629	WSBF548	N
T-Mobile License LLC	D20011	BOURBON, KS	3	0010206629	WSBF549	N
T-Mobile License LLC	D20013	BROWN, KS	1	0010206629	WSBF550	N
T-Mobile License LLC	D20013	BROWN, KS	2	0010206629	WSBF551	N
T-Mobile License LLC	D20013	BROWN, KS	3	0010206629	WSBF552	N
T-Mobile License LLC	D20015	BUTLER, KS	2	0010206629	WSBF553	N
T-Mobile License LLC	D20015	BUTLER, KS	3	0010206629	WSBF554	N
T-Mobile License LLC	D20017	CHASE, KS	2	0010206629	WSBF555	N
T-Mobile License LLC	D20017	CHASE, KS	3	0010206629	WSBF556	N
T-Mobile License LLC	D20019	CHAUTAUQUA, KS	1	0010206629	WSBF557	N
T-Mobile License LLC	D20019	CHAUTAUQUA, KS	2	0010206629	WSBF558	N
T-Mobile License LLC	D20019	CHAUTAUQUA, KS	3	0010206629	WSBF559	N
T-Mobile License LLC	D20021	CHEROKEE, KS	1	0010206629	WSBF560	N
T-Mobile License LLC	D20021	CHEROKEE, KS	2	0010206629	WSBF561	N
T-Mobile License LLC	D20023	CHEYENNE, KS	1	0010206629	WSBF562	N
T-Mobile License LLC	D20023	CHEYENNE, KS	2	0010206629	WSBF563	N
T-Mobile License LLC	D20023	CHEYENNE, KS	3	0010206629	WSBF564	N
T-Mobile License LLC	D20025	CLARK, KS	2	0010206629	WSBF565	N
T-Mobile License LLC	D20025	CLARK, KS	3	0010206629	WSBF566	N
T-Mobile License LLC	D20027	CLAY, KS	2	0010206629	WSBF567	N
T-Mobile License LLC	D20027	CLAY, KS	3	0010206629	WSBF568	N
T-Mobile License LLC	D20029	CLOUD, KS	2	0010206629	WSBF569	N
T-Mobile License LLC	D20029	CLOUD, KS	3	0010206629	WSBF570	N
T-Mobile License LLC	D20031	COFFEY, KS	3	0010206629	WSBF571	N
T-Mobile License LLC	D20033	COMANCHE, KS	2	0010206629	WSBF572	N
T-Mobile License LLC	D20033	COMANCHE, KS	3	0010206629	WSBF573	N
T-Mobile License LLC	D20035	COWLEY, KS	2	0010206629	WSBF574	N
T-Mobile License LLC	D20035	COWLEY, KS	3	0010206629	WSBF575	N
T-Mobile License LLC	D20037	CRAWFORD, KS	2	0010206629	WSBF576	N
T-Mobile License LLC	D20037	CRAWFORD, KS	3	0010206629	WSBF577	N

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T-Mobile License LLC	D20039	DECATUR, KS	1	0010206629	WSBF578	N
T-Mobile License LLC	D20039	DECATUR, KS	2	0010206629	WSBF579	N
T-Mobile License LLC	D20039	DECATUR, KS	3	0010206629	WSBF580	N
T-Mobile License LLC	D20041	DICKINSON, KS	2	0010206629	WSBF581	N
T-Mobile License LLC	D20041	DICKINSON, KS	3	0010206629	WSBF582	N
T-Mobile License LLC	D20043	DONIPHAN, KS	1	0010206629	WSBF583	N
T-Mobile License LLC	D20043	DONIPHAN, KS	2	0010206629	WSBF584	N
T-Mobile License LLC	D20043	DONIPHAN, KS	3	0010206629	WSBF585	N
T-Mobile License LLC	D20045	DOUGLAS, KS	2	0010206629	WSBF586	N
T-Mobile License LLC	D20045	DOUGLAS, KS	3	0010206629	WSBF587	N
T-Mobile License LLC	D20047	EDWARDS, KS	2	0010206629	WSBF588	N
T-Mobile License LLC	D20047	EDWARDS, KS	3	0010206629	WSBF589	N
T-Mobile License LLC	D20049	ELK, KS	2	0010206629	WSBF590	N
T-Mobile License LLC	D20049	ELK, KS	3	0010206629	WSBF591	N
T-Mobile License LLC	D20051	ELLIS, KS	2	0010206629	WSBF592	N
T-Mobile License LLC	D20051	ELLIS, KS	3	0010206629	WSBF593	N
T-Mobile License LLC	D20053	ELLSWORTH, KS	2	0010206629	WSBF594	N
T-Mobile License LLC	D20053	ELLSWORTH, KS	3	0010206629	WSBF595	N
T-Mobile License LLC	D20055	FINNEY, KS	2	0010206629	WSBF596	N
T-Mobile License LLC	D20055	FINNEY, KS	3	0010206629	WSBF597	N
T-Mobile License LLC	D20057	FORD, KS	2	0010206629	WSBF598	N
T-Mobile License LLC	D20057	FORD, KS	3	0010206629	WSBF599	N
T-Mobile License LLC	D20059	FRANKLIN, KS	2	0010206629	WSBF600	N
T-Mobile License LLC	D20061	GEARY, KS	2	0010206629	WSBF601	N
T-Mobile License LLC	D20061	GEARY, KS	3	0010206629	WSBF602	N
T-Mobile License LLC	D20063	GOVE, KS	1	0010206629	WSBF603	N
T-Mobile License LLC	D20063	GOVE, KS	2	0010206629	WSBF604	N
T-Mobile License LLC	D20063	GOVE, KS	3	0010206629	WSBF605	N
T-Mobile License LLC	D20065	GRAHAM, KS	1	0010206629	WSBF606	N
T-Mobile License LLC	D20065	GRAHAM, KS	2	0010206629	WSBF607	N
T-Mobile License LLC	D20067	GRANT, KS	1	0010206629	WSBF608	N
T-Mobile License LLC	D20067	GRANT, KS	2	0010206629	WSBF609	N
T-Mobile License LLC	D20067	GRANT, KS	3	0010206629	WSBF610	N
T-Mobile License LLC	D20069	GRAY, KS	2	0010206629	WSBF611	N
T-Mobile License LLC	D20069	GRAY, KS	3	0010206629	WSBF612	N
T-Mobile License LLC	D20071	GREELEY, KS	1	0010206629	WSBF613	N
T-Mobile License LLC	D20071	GREELEY, KS	2	0010206629	WSBF614	N
T-Mobile License LLC	D20071	GREELEY, KS	3	0010206629	WSBF615	N
T-Mobile License LLC	D20073	GREENWOOD, KS	2	0010206629	WSBF616	N
T-Mobile License LLC	D20073	GREENWOOD, KS	3	0010206629	WSBF617	N
T-Mobile License LLC	D20075	HAMILTON, KS	1	0010206629	WSBF618	N
T-Mobile License LLC	D20075	HAMILTON, KS	2	0010206629	WSBF619	N
T-Mobile License LLC	D20075	HAMILTON, KS	3	0010206629	WSBF620	N
T-Mobile License LLC	D20077	HARPER, KS	1	0010206629	WSBF621	N
T-Mobile License LLC	D20077	HARPER, KS	2	0010206629	WSBF622	N
T-Mobile License LLC	D20077	HARPER, KS	3	0010206629	WSBF623	N
T-Mobile License LLC	D20079	HARVEY, KS	3	0010206629	WSBF624	N
T-Mobile License LLC	D20081	HASKELL, KS	1	0010206629	WSBF625	N
T-Mobile License LLC	D20081	HASKELL, KS	2	0010206629	WSBF626	N
T-Mobile License LLC	D20081	HASKELL, KS	3	0010206629	WSBF627	N
T-Mobile License LLC	D20083	HODGEMAN, KS	2	0010206629	WSBF628	N
T-Mobile License LLC	D20083	HODGEMAN, KS	3	0010206629	WSBF629	N
T-Mobile License LLC	D20089	JEWELL, KS	1	0010206629	WSBF630	N
T-Mobile License LLC	D20089	JEWELL, KS	2	0010206629	WSBF631	N
T-Mobile License LLC	D20089	JEWELL, KS	3	0010206629	WSBF632	N
T-Mobile License LLC	D20093	KEARNY, KS	1	0010206629	WSBF633	N

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T-Mobile License LLC	D20093	KEARNY, KS	2	0010206629	WSBF634	N
T-Mobile License LLC	D20093	KEARNY, KS	3	0010206629	WSBF635	N
T-Mobile License LLC	D20095	KINGMAN, KS	2	0010206629	WSBF636	N
T-Mobile License LLC	D20095	KINGMAN, KS	3	0010206629	WSBF637	N
T-Mobile License LLC	D20097	KIOWA, KS	2	0010206629	WSBF638	N
T-Mobile License LLC	D20097	KIOWA, KS	3	0010206629	WSBF639	N
T-Mobile License LLC	D20099	LABETTE, KS	2	0010206629	WSBF640	N
T-Mobile License LLC	D20099	LABETTE, KS	3	0010206629	WSBF641	N
T-Mobile License LLC	D20101	LANE, KS	1	0010206629	WSBF642	N
T-Mobile License LLC	D20101	LANE, KS	2	0010206629	WSBF643	N
T-Mobile License LLC	D20101	LANE, KS	3	0010206629	WSBF644	N
T-Mobile License LLC	D20105	LINCOLN, KS	1	0010206629	WSBF645	N
T-Mobile License LLC	D20105	LINCOLN, KS	2	0010206629	WSBF646	N
T-Mobile License LLC	D20105	LINCOLN, KS	3	0010206629	WSBF647	N
T-Mobile License LLC	D20107	LINN, KS	1	0010206629	WSBF648	N
T-Mobile License LLC	D20107	LINN, KS	2	0010206629	WSBF649	N
T-Mobile License LLC	D20109	LOGAN, KS	1	0010206629	WSBF650	N
T-Mobile License LLC	D20109	LOGAN, KS	2	0010206629	WSBF651	N
T-Mobile License LLC	D20109	LOGAN, KS	3	0010206629	WSBF652	N
T-Mobile License LLC	D20111	LYON, KS	2	0010206629	WSBF653	N
T-Mobile License LLC	D20113	MCPHERSON, KS	3	0010206629	WSBF654	N
T-Mobile License LLC	D20115	MARION, KS	2	0010206629	WSBF655	N
T-Mobile License LLC	D20115	MARION, KS	3	0010206629	WSBF656	N
T-Mobile License LLC	D20117	MARSHALL, KS	1	0010206629	WSBF657	N
T-Mobile License LLC	D20117	MARSHALL, KS	2	0010206629	WSBF658	N
T-Mobile License LLC	D20119	MEADE, KS	2	0010206629	WSBF659	N
T-Mobile License LLC	D20119	MEADE, KS	3	0010206629	WSBF660	N
T-Mobile License LLC	D20121	MIAMI, KS	2	0010206629	WSBF661	N
T-Mobile License LLC	D20123	MITCHELL, KS	2	0010206629	WSBF662	N
T-Mobile License LLC	D20123	MITCHELL, KS	3	0010206629	WSBF663	N
T-Mobile License LLC	D20125	MONTGOMERY, KS	2	0010206629	WSBF664	N
T-Mobile License LLC	D20125	MONTGOMERY, KS	3	0010206629	WSBF665	N
T-Mobile License LLC	D20127	MORRIS, KS	2	0010206629	WSBF666	N
T-Mobile License LLC	D20127	MORRIS, KS	3	0010206629	WSBF667	N
T-Mobile License LLC	D20129	MORTON, KS	2	0010206629	WSBF668	N
T-Mobile License LLC	D20129	MORTON, KS	3	0010206629	WSBF669	N
T-Mobile License LLC	D20131	NEMAHA, KS	2	0010206629	WSBF670	N
T-Mobile License LLC	D20133	NEOSHO, KS	2	0010206629	WSBF671	N
T-Mobile License LLC	D20135	NESS, KS	1	0010206629	WSBF672	N
T-Mobile License LLC	D20135	NESS, KS	2	0010206629	WSBF673	N
T-Mobile License LLC	D20137	NORTON, KS	1	0010206629	WSBF674	N
T-Mobile License LLC	D20137	NORTON, KS	2	0010206629	WSBF675	N
T-Mobile License LLC	D20137	NORTON, KS	3	0010206629	WSBF676	N
T-Mobile License LLC	D20141	OSBORNE, KS	1	0010206629	WSBF677	N
T-Mobile License LLC	D20141	OSBORNE, KS	2	0010206629	WSBF678	N
T-Mobile License LLC	D20143	OTTAWA, KS	2	0010206629	WSBF679	N
T-Mobile License LLC	D20143	OTTAWA, KS	3	0010206629	WSBF680	N
T-Mobile License LLC	D20145	PAWNEE, KS	1	0010206629	WSBF681	N
T-Mobile License LLC	D20147	PHILLIPS, KS	1	0010206629	WSBF682	N
T-Mobile License LLC	D20147	PHILLIPS, KS	2	0010206629	WSBF683	N
T-Mobile License LLC	D20147	PHILLIPS, KS	3	0010206629	WSBF684	N
T-Mobile License LLC	D20149	POTTAWATOMIE, KS	1	0010206629	WSBF685	N
T-Mobile License LLC	D20149	POTTAWATOMIE, KS	2	0010206629	WSBF686	N
T-Mobile License LLC	D20149	POTTAWATOMIE, KS	3	0010206629	WSBF687	N
T-Mobile License LLC	D20151	PRATT, KS	2	0010206629	WSBF688	N
T-Mobile License LLC	D20151	PRATT, KS	3	0010206629	WSBF689	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D20153	RAWLINS, KS	1	0010206629	WSBF690	N
T-Mobile License LLC	D20153	RAWLINS, KS	2	0010206629	WSBF691	N
T-Mobile License LLC	D20153	RAWLINS, KS	3	0010206629	WSBF692	N
T-Mobile License LLC	D20155	RENO, KS	2	0010206629	WSBF693	N
T-Mobile License LLC	D20155	RENO, KS	3	0010206629	WSBF694	N
T-Mobile License LLC	D20157	REPUBLIC, KS	2	0010206629	WSBF695	N
T-Mobile License LLC	D20157	REPUBLIC, KS	3	0010206629	WSBF696	N
T-Mobile License LLC	D20159	RICE, KS	2	0010206629	WSBF697	N
T-Mobile License LLC	D20159	RICE, KS	3	0010206629	WSBF698	N
T-Mobile License LLC	D20161	RILEY, KS	2	0010206629	WSBF699	N
T-Mobile License LLC	D20161	RILEY, KS	3	0010206629	WSBF700	N
T-Mobile License LLC	D20163	ROOKS, KS	2	0010206629	WSBF701	N
T-Mobile License LLC	D20163	ROOKS, KS	3	0010206629	WSBF702	N
T-Mobile License LLC	D20165	RUSH, KS	1	0010206629	WSBF703	N
T-Mobile License LLC	D20165	RUSH, KS	2	0010206629	WSBF704	N
T-Mobile License LLC	D20167	RUSSELL, KS	2	0010206629	WSBF705	N
T-Mobile License LLC	D20167	RUSSELL, KS	3	0010206629	WSBF706	N
T-Mobile License LLC	D20169	SALINE, KS	2	0010206629	WSBF707	N
T-Mobile License LLC	D20169	SALINE, KS	3	0010206629	WSBF708	N
T-Mobile License LLC	D20171	SCOTT, KS	1	0010206629	WSBF709	N
T-Mobile License LLC	D20171	SCOTT, KS	2	0010206629	WSBF710	N
T-Mobile License LLC	D20171	SCOTT, KS	3	0010206629	WSBF711	N
T-Mobile License LLC	D20173	SEDGWICK, KS	3	0010206629	WSBF712	N
T-Mobile License LLC	D20175	SEWARD, KS	2	0010206629	WSBF713	N
T-Mobile License LLC	D20175	SEWARD, KS	3	0010206629	WSBF714	N
T-Mobile License LLC	D20179	SHERIDAN, KS	1	0010206629	WSBF715	N
T-Mobile License LLC	D20179	SHERIDAN, KS	2	0010206629	WSBF716	N
T-Mobile License LLC	D20179	SHERIDAN, KS	3	0010206629	WSBF717	N
T-Mobile License LLC	D20181	SHERMAN, KS	1	0010206629	WSBF718	N
T-Mobile License LLC	D20181	SHERMAN, KS	2	0010206629	WSBF719	N
T-Mobile License LLC	D20181	SHERMAN, KS	3	0010206629	WSBF720	N
T-Mobile License LLC	D20183	SMITH, KS	1	0010206629	WSBF721	N
T-Mobile License LLC	D20183	SMITH, KS	2	0010206629	WSBF722	N
T-Mobile License LLC	D20183	SMITH, KS	3	0010206629	WSBF723	N
T-Mobile License LLC	D20185	STAFFORD, KS	1	0010206629	WSBF724	N
T-Mobile License LLC	D20185	STAFFORD, KS	2	0010206629	WSBF725	N
T-Mobile License LLC	D20187	STANTON, KS	1	0010206629	WSBF726	N
T-Mobile License LLC	D20187	STANTON, KS	2	0010206629	WSBF727	N
T-Mobile License LLC	D20187	STANTON, KS	3	0010206629	WSBF728	N
T-Mobile License LLC	D20189	STEVENS, KS	1	0010206629	WSBF729	N
T-Mobile License LLC	D20189	STEVENS, KS	2	0010206629	WSBF730	N
T-Mobile License LLC	D20189	STEVENS, KS	3	0010206629	WSBF731	N
T-Mobile License LLC	D20191	SUMNER, KS	1	0010206629	WSBF732	N
T-Mobile License LLC	D20191	SUMNER, KS	2	0010206629	WSBF733	N
T-Mobile License LLC	D20191	SUMNER, KS	3	0010206629	WSBF734	N
T-Mobile License LLC	D20193	THOMAS, KS	1	0010206629	WSBF735	N
T-Mobile License LLC	D20193	THOMAS, KS	2	0010206629	WSBF736	N
T-Mobile License LLC	D20193	THOMAS, KS	3	0010206629	WSBF737	N
T-Mobile License LLC	D20195	TREGO, KS	1	0010206629	WSBF738	N
T-Mobile License LLC	D20195	TREGO, KS	2	0010206629	WSBF739	N
T-Mobile License LLC	D20199	WALLACE, KS	1	0010206629	WSBF740	N
T-Mobile License LLC	D20199	WALLACE, KS	2	0010206629	WSBF741	N
T-Mobile License LLC	D20199	WALLACE, KS	3	0010206629	WSBF742	N
T-Mobile License LLC	D20201	WASHINGTON, KS	1	0010206629	WSBF743	N
T-Mobile License LLC	D20201	WASHINGTON, KS	2	0010206629	WSBF744	N
T-Mobile License LLC	D20201	WASHINGTON, KS	3	0010206629	WSBF745	N

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T-Mobile License LLC	D20203	WICHITA, KS	1	0010206629	WSBF746	N
T-Mobile License LLC	D20203	WICHITA, KS	2	0010206629	WSBF747	N
T-Mobile License LLC	D20203	WICHITA, KS	3	0010206629	WSBF748	N
T-Mobile License LLC	D20205	WILSON, KS	2	0010206629	WSBF749	N
T-Mobile License LLC	D20205	WILSON, KS	3	0010206629	WSBF750	N
T-Mobile License LLC	D20207	WOODSON, KS	2	0010206629	WSBF751	N
T-Mobile License LLC	D20207	WOODSON, KS	3	0010206629	WSBF752	N
T-Mobile License LLC	D21001	ADAIR, KY	1	0010206629	WSBF753	N
T-Mobile License LLC	D21001	ADAIR, KY	2	0010206629	WSBF754	N
T-Mobile License LLC	D21001	ADAIR, KY	3	0010206629	WSBF755	N
T-Mobile License LLC	D21003	ALLEN, KY	1	0010206629	WSBF756	N
T-Mobile License LLC	D21003	ALLEN, KY	2	0010206629	WSBF757	N
T-Mobile License LLC	D21003	ALLEN, KY	3	0010206629	WSBF758	N
T-Mobile License LLC	D21005	ANDERSON, KY	1	0010206629	WSBF759	N
T-Mobile License LLC	D21005	ANDERSON, KY	2	0010206629	WSBF760	N
T-Mobile License LLC	D21005	ANDERSON, KY	3	0010206629	WSBF761	N
T-Mobile License LLC	D21007	BALLARD, KY	1	0010206629	WSBF762	N
T-Mobile License LLC	D21007	BALLARD, KY	2	0010206629	WSBF763	N
T-Mobile License LLC	D21007	BALLARD, KY	3	0010206629	WSBF764	N
T-Mobile License LLC	D21009	BARREN, KY	1	0010206629	WSBF765	N
T-Mobile License LLC	D21009	BARREN, KY	2	0010206629	WSBF766	N
T-Mobile License LLC	D21009	BARREN, KY	3	0010206629	WSBF767	N
T-Mobile License LLC	D21011	BATH, KY	1	0010206629	WSBF768	N
T-Mobile License LLC	D21011	BATH, KY	2	0010206629	WSBF769	N
T-Mobile License LLC	D21011	BATH, KY	3	0010206629	WSBF770	N
T-Mobile License LLC	D21013	BELL, KY	2	0010206629	WSBF771	N
T-Mobile License LLC	D21013	BELL, KY	3	0010206629	WSBF772	N
T-Mobile License LLC	D21015	BOONE, KY	1	0010206629	WSBF773	N
T-Mobile License LLC	D21015	BOONE, KY	2	0010206629	WSBF774	N
T-Mobile License LLC	D21017	BOURBON, KY	2	0010206629	WSBF775	N
T-Mobile License LLC	D21019	BOYD, KY	1	0010206629	WSBF776	N
T-Mobile License LLC	D21019	BOYD, KY	2	0010206629	WSBF777	N
T-Mobile License LLC	D21019	BOYD, KY	3	0010206629	WSBF778	N
T-Mobile License LLC	D21021	BOYLE, KY	1	0010206629	WSBF779	N
T-Mobile License LLC	D21021	BOYLE, KY	2	0010206629	WSBF780	N
T-Mobile License LLC	D21021	BOYLE, KY	3	0010206629	WSBF781	N
T-Mobile License LLC	D21023	BRACKEN, KY	1	0010206629	WSBF782	N
T-Mobile License LLC	D21023	BRACKEN, KY	2	0010206629	WSBF783	N
T-Mobile License LLC	D21023	BRACKEN, KY	3	0010206629	WSBF784	N
T-Mobile License LLC	D21025	BREATHITT, KY	2	0010206629	WSBF785	N
T-Mobile License LLC	D21025	BREATHITT, KY	3	0010206629	WSBF786	N
T-Mobile License LLC	D21027	BRECKINRIDGE, KY	1	0010206629	WSBF787	N
T-Mobile License LLC	D21027	BRECKINRIDGE, KY	2	0010206629	WSBF788	N
T-Mobile License LLC	D21027	BRECKINRIDGE, KY	3	0010206629	WSBF789	N
T-Mobile License LLC	D21031	BUTLER, KY	1	0010206629	WSBF790	N
T-Mobile License LLC	D21031	BUTLER, KY	2	0010206629	WSBF791	N
T-Mobile License LLC	D21031	BUTLER, KY	3	0010206629	WSBF792	N
T-Mobile License LLC	D21033	CALDWELL, KY	1	0010206629	WSBF793	N
T-Mobile License LLC	D21033	CALDWELL, KY	2	0010206629	WSBF794	N
T-Mobile License LLC	D21033	CALDWELL, KY	3	0010206629	WSBF795	N
T-Mobile License LLC	D21035	CALLOWAY, KY	2	0010206629	WSBF796	N
T-Mobile License LLC	D21035	CALLOWAY, KY	3	0010206629	WSBF797	N
T-Mobile License LLC	D21037	CAMPBELL, KY	1	0010206629	WSBF798	N
T-Mobile License LLC	D21037	CAMPBELL, KY	2	0010206629	WSBF799	N
T-Mobile License LLC	D21039	CARLISLE, KY	2	0010206629	WSBF800	N
T-Mobile License LLC	D21039	CARLISLE, KY	3	0010206629	WSBF801	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D21041	CARROLL, KY	1	0010206629	WSBF802	N
T-Mobile License LLC	D21041	CARROLL, KY	2	0010206629	WSBF803	N
T-Mobile License LLC	D21043	CARTER, KY	1	0010206629	WSBF804	N
T-Mobile License LLC	D21043	CARTER, KY	2	0010206629	WSBF805	N
T-Mobile License LLC	D21043	CARTER, KY	3	0010206629	WSBF806	N
T-Mobile License LLC	D21045	CASEY, KY	1	0010206629	WSBF807	N
T-Mobile License LLC	D21045	CASEY, KY	2	0010206629	WSBF808	N
T-Mobile License LLC	D21045	CASEY, KY	3	0010206629	WSBF809	N
T-Mobile License LLC	D21047	CHRISTIAN, KY	1	0010206629	WSBF810	N
T-Mobile License LLC	D21047	CHRISTIAN, KY	2	0010206629	WSBF811	N
T-Mobile License LLC	D21047	CHRISTIAN, KY	3	0010206629	WSBF812	N
T-Mobile License LLC	D21049	CLARK, KY	2	0010206629	WSBF813	N
T-Mobile License LLC	D21051	CLAY, KY	2	0010206629	WSBF814	N
T-Mobile License LLC	D21051	CLAY, KY	3	0010206629	WSBF815	N
T-Mobile License LLC	D21053	CLINTON, KY	1	0010206629	WSBF816	N
T-Mobile License LLC	D21053	CLINTON, KY	2	0010206629	WSBF817	N
T-Mobile License LLC	D21053	CLINTON, KY	3	0010206629	WSBF818	N
T-Mobile License LLC	D21055	CRITTENDEN, KY	1	0010206629	WSBF819	N
T-Mobile License LLC	D21055	CRITTENDEN, KY	2	0010206629	WSBF820	N
T-Mobile License LLC	D21055	CRITTENDEN, KY	3	0010206629	WSBF821	N
T-Mobile License LLC	D21057	CUMBERLAND, KY	1	0010206629	WSBF822	N
T-Mobile License LLC	D21057	CUMBERLAND, KY	2	0010206629	WSBF823	N
T-Mobile License LLC	D21057	CUMBERLAND, KY	3	0010206629	WSBF824	N
T-Mobile License LLC	D21061	EDMONSON, KY	1	0010206629	WSBF825	N
T-Mobile License LLC	D21061	EDMONSON, KY	2	0010206629	WSBF826	N
T-Mobile License LLC	D21061	EDMONSON, KY	3	0010206629	WSBF827	N
T-Mobile License LLC	D21063	ELLIOTT, KY	2	0010206629	WSBF828	N
T-Mobile License LLC	D21063	ELLIOTT, KY	3	0010206629	WSBF829	N
T-Mobile License LLC	D21065	ESTILL, KY	1	0010206629	WSBF830	N
T-Mobile License LLC	D21065	ESTILL, KY	3	0010206629	WSBF831	N
T-Mobile License LLC	D21067	FAYETTE, KY	2	0010206629	WSBF832	N
T-Mobile License LLC	D21069	FLEMING, KY	1	0010206629	WSBF833	N
T-Mobile License LLC	D21069	FLEMING, KY	2	0010206629	WSBF834	N
T-Mobile License LLC	D21069	FLEMING, KY	3	0010206629	WSBF835	N
T-Mobile License LLC	D21071	FLOYD, KY	2	0010206629	WSBF836	N
T-Mobile License LLC	D21071	FLOYD, KY	3	0010206629	WSBF837	N
T-Mobile License LLC	D21073	FRANKLIN, KY	1	0010206629	WSBF838	N
T-Mobile License LLC	D21073	FRANKLIN, KY	2	0010206629	WSBF839	N
T-Mobile License LLC	D21073	FRANKLIN, KY	3	0010206629	WSBF840	N
T-Mobile License LLC	D21075	FULTON, KY	1	0010206629	WSBF841	N
T-Mobile License LLC	D21075	FULTON, KY	2	0010206629	WSBF842	N
T-Mobile License LLC	D21075	FULTON, KY	3	0010206629	WSBF843	N
T-Mobile License LLC	D21077	GALLATIN, KY	1	0010206629	WSBF844	N
T-Mobile License LLC	D21077	GALLATIN, KY	2	0010206629	WSBF845	N
T-Mobile License LLC	D21079	GARRARD, KY	1	0010206629	WSBF846	N
T-Mobile License LLC	D21079	GARRARD, KY	2	0010206629	WSBF847	N
T-Mobile License LLC	D21079	GARRARD, KY	3	0010206629	WSBF848	N
T-Mobile License LLC	D21081	GRANT, KY	1	0010206629	WSBF849	N
T-Mobile License LLC	D21081	GRANT, KY	2	0010206629	WSBF850	N
T-Mobile License LLC	D21081	GRANT, KY	3	0010206629	WSBF851	N
T-Mobile License LLC	D21083	GRAVES, KY	2	0010206629	WSBF852	N
T-Mobile License LLC	D21083	GRAVES, KY	3	0010206629	WSBF853	N
T-Mobile License LLC	D21085	GRAYSON, KY	1	0010206629	WSBF854	N
T-Mobile License LLC	D21085	GRAYSON, KY	2	0010206629	WSBF855	N
T-Mobile License LLC	D21085	GRAYSON, KY	3	0010206629	WSBF856	N
T-Mobile License LLC	D21087	GREEN, KY	1	0010206629	WSBF857	N

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T-Mobile License LLC	D21087	GREEN, KY	2	0010206629	WSBF858	N
T-Mobile License LLC	D21087	GREEN, KY	3	0010206629	WSBF859	N
T-Mobile License LLC	D21089	GREENUP, KY	1	0010206629	WSBF860	N
T-Mobile License LLC	D21089	GREENUP, KY	2	0010206629	WSBF861	N
T-Mobile License LLC	D21089	GREENUP, KY	3	0010206629	WSBF862	N
T-Mobile License LLC	D21091	HANCOCK, KY	1	0010206629	WSBF863	N
T-Mobile License LLC	D21091	HANCOCK, KY	2	0010206629	WSBF864	N
T-Mobile License LLC	D21091	HANCOCK, KY	3	0010206629	WSBF865	N
T-Mobile License LLC	D21093	HARDIN, KY	1	0010206629	WSBF866	N
T-Mobile License LLC	D21093	HARDIN, KY	2	0010206629	WSBF867	N
T-Mobile License LLC	D21093	HARDIN, KY	3	0010206629	WSBF868	N
T-Mobile License LLC	D21095	HARLAN, KY	2	0010206629	WSBF869	N
T-Mobile License LLC	D21095	HARLAN, KY	3	0010206629	WSBF870	N
T-Mobile License LLC	D21097	HARRISON, KY	1	0010206629	WSBF871	N
T-Mobile License LLC	D21097	HARRISON, KY	2	0010206629	WSBF872	N
T-Mobile License LLC	D21097	HARRISON, KY	3	0010206629	WSBF873	N
T-Mobile License LLC	D21099	HART, KY	1	0010206629	WSBF874	N
T-Mobile License LLC	D21099	HART, KY	2	0010206629	WSBF875	N
T-Mobile License LLC	D21099	HART, KY	3	0010206629	WSBF876	N
T-Mobile License LLC	D21101	HENDERSON, KY	1	0010206629	WSBF877	N
T-Mobile License LLC	D21101	HENDERSON, KY	2	0010206629	WSBF878	N
T-Mobile License LLC	D21101	HENDERSON, KY	3	0010206629	WSBF879	N
T-Mobile License LLC	D21103	HENRY, KY	1	0010206629	WSBF880	N
T-Mobile License LLC	D21103	HENRY, KY	2	0010206629	WSBF881	N
T-Mobile License LLC	D21103	HENRY, KY	3	0010206629	WSBF882	N
T-Mobile License LLC	D21105	HICKMAN, KY	2	0010206629	WSBF883	N
T-Mobile License LLC	D21105	HICKMAN, KY	3	0010206629	WSBF884	N
T-Mobile License LLC	D21107	HOPKINS, KY	1	0010206629	WSBF885	N
T-Mobile License LLC	D21107	HOPKINS, KY	2	0010206629	WSBF886	N
T-Mobile License LLC	D21107	HOPKINS, KY	3	0010206629	WSBF887	N
T-Mobile License LLC	D21109	JACKSON, KY	2	0010206629	WSBF888	N
T-Mobile License LLC	D21109	JACKSON, KY	3	0010206629	WSBF889	N
T-Mobile License LLC	D21113	JESSAMINE, KY	2	0010206629	WSBF890	N
T-Mobile License LLC	D21115	JOHNSON, KY	2	0010206629	WSBF891	N
T-Mobile License LLC	D21115	JOHNSON, KY	3	0010206629	WSBF892	N
T-Mobile License LLC	D21117	KENTON, KY	1	0010206629	WSBF893	N
T-Mobile License LLC	D21117	KENTON, KY	2	0010206629	WSBF894	N
T-Mobile License LLC	D21119	KNOTT, KY	2	0010206629	WSBF895	N
T-Mobile License LLC	D21119	KNOTT, KY	3	0010206629	WSBF896	N
T-Mobile License LLC	D21121	KNOX, KY	1	0010206629	WSBF897	N
T-Mobile License LLC	D21121	KNOX, KY	3	0010206629	WSBF898	N
T-Mobile License LLC	D21123	LARUE, KY	1	0010206629	WSBF899	N
T-Mobile License LLC	D21123	LARUE, KY	2	0010206629	WSBF900	N
T-Mobile License LLC	D21123	LARUE, KY	3	0010206629	WSBF901	N
T-Mobile License LLC	D21125	LAUREL, KY	3	0010206629	WSBF902	N
T-Mobile License LLC	D21127	LAWRENCE, KY	2	0010206629	WSBF903	N
T-Mobile License LLC	D21127	LAWRENCE, KY	3	0010206629	WSBF904	N
T-Mobile License LLC	D21129	LEE, KY	2	0010206629	WSBF905	N
T-Mobile License LLC	D21129	LEE, KY	3	0010206629	WSBF906	N
T-Mobile License LLC	D21131	LESLIE, KY	2	0010206629	WSBF907	N
T-Mobile License LLC	D21131	LESLIE, KY	3	0010206629	WSBF908	N
T-Mobile License LLC	D21133	LETCHER, KY	2	0010206629	WSBF909	N
T-Mobile License LLC	D21133	LETCHER, KY	3	0010206629	WSBF910	N
T-Mobile License LLC	D21135	LEWIS, KY	1	0010206629	WSBF911	N
T-Mobile License LLC	D21135	LEWIS, KY	2	0010206629	WSBF912	N
T-Mobile License LLC	D21135	LEWIS, KY	3	0010206629	WSBF913	N

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T-Mobile License LLC	D21137	LINCOLN, KY	1	0010206629	WSBF914	N
T-Mobile License LLC	D21137	LINCOLN, KY	2	0010206629	WSBF915	N
T-Mobile License LLC	D21137	LINCOLN, KY	3	0010206629	WSBF916	N
T-Mobile License LLC	D21139	LIVINGSTON, KY	1	0010206629	WSBF917	N
T-Mobile License LLC	D21139	LIVINGSTON, KY	2	0010206629	WSBF918	N
T-Mobile License LLC	D21139	LIVINGSTON, KY	3	0010206629	WSBF919	N
T-Mobile License LLC	D21141	LOGAN, KY	1	0010206629	WSBF920	N
T-Mobile License LLC	D21141	LOGAN, KY	2	0010206629	WSBF921	N
T-Mobile License LLC	D21141	LOGAN, KY	3	0010206629	WSBF922	N
T-Mobile License LLC	D21143	LYON, KY	1	0010206629	WSBF923	N
T-Mobile License LLC	D21143	LYON, KY	2	0010206629	WSBF924	N
T-Mobile License LLC	D21143	LYON, KY	3	0010206629	WSBF925	N
T-Mobile License LLC	D21145	MCCRACKEN, KY	1	0010206629	WSBF926	N
T-Mobile License LLC	D21145	MCCRACKEN, KY	2	0010206629	WSBF927	N
T-Mobile License LLC	D21145	MCCRACKEN, KY	3	0010206629	WSBF928	N
T-Mobile License LLC	D21149	MCLEAN, KY	1	0010206629	WSBF929	N
T-Mobile License LLC	D21149	MCLEAN, KY	2	0010206629	WSBF930	N
T-Mobile License LLC	D21149	MCLEAN, KY	3	0010206629	WSBF931	N
T-Mobile License LLC	D21151	MADISON, KY	1	0010206629	WSBF932	N
T-Mobile License LLC	D21151	MADISON, KY	2	0010206629	WSBF933	N
T-Mobile License LLC	D21151	MADISON, KY	3	0010206629	WSBF934	N
T-Mobile License LLC	D21153	MAGOFFIN, KY	2	0010206629	WSBF935	N
T-Mobile License LLC	D21153	MAGOFFIN, KY	3	0010206629	WSBF936	N
T-Mobile License LLC	D21155	MARION, KY	1	0010206629	WSBF937	N
T-Mobile License LLC	D21155	MARION, KY	2	0010206629	WSBF938	N
T-Mobile License LLC	D21155	MARION, KY	3	0010206629	WSBF939	N
T-Mobile License LLC	D21157	MARSHALL, KY	2	0010206629	WSBF940	N
T-Mobile License LLC	D21157	MARSHALL, KY	3	0010206629	WSBF941	N
T-Mobile License LLC	D21159	MARTIN, KY	2	0010206629	WSBF942	N
T-Mobile License LLC	D21159	MARTIN, KY	3	0010206629	WSBF943	N
T-Mobile License LLC	D21161	MASON, KY	1	0010206629	WSBF944	N
T-Mobile License LLC	D21161	MASON, KY	2	0010206629	WSBF945	N
T-Mobile License LLC	D21161	MASON, KY	3	0010206629	WSBF946	N
T-Mobile License LLC	D21163	MEADE, KY	1	0010206629	WSBF947	N
T-Mobile License LLC	D21163	MEADE, KY	2	0010206629	WSBF948	N
T-Mobile License LLC	D21165	MENIFEE, KY	1	0010206629	WSBF949	N
T-Mobile License LLC	D21165	MENIFEE, KY	2	0010206629	WSBF950	N
T-Mobile License LLC	D21165	MENIFEE, KY	3	0010206629	WSBF951	N
T-Mobile License LLC	D21167	MERCER, KY	1	0010206629	WSBF952	N
T-Mobile License LLC	D21167	MERCER, KY	2	0010206629	WSBF953	N
T-Mobile License LLC	D21167	MERCER, KY	3	0010206629	WSBF954	N
T-Mobile License LLC	D21169	METCALFE, KY	1	0010206629	WSBF955	N
T-Mobile License LLC	D21169	METCALFE, KY	2	0010206629	WSBF956	N
T-Mobile License LLC	D21169	METCALFE, KY	3	0010206629	WSBF957	N
T-Mobile License LLC	D21171	MONROE, KY	1	0010206629	WSBF958	N
T-Mobile License LLC	D21171	MONROE, KY	2	0010206629	WSBF959	N
T-Mobile License LLC	D21171	MONROE, KY	3	0010206629	WSBF960	N
T-Mobile License LLC	D21173	MONTGOMERY, KY	1	0010206629	WSBF961	N
T-Mobile License LLC	D21173	MONTGOMERY, KY	2	0010206629	WSBF962	N
T-Mobile License LLC	D21173	MONTGOMERY, KY	3	0010206629	WSBF963	N
T-Mobile License LLC	D21175	MORGAN, KY	2	0010206629	WSBF964	N
T-Mobile License LLC	D21175	MORGAN, KY	3	0010206629	WSBF965	N
T-Mobile License LLC	D21177	MUHLENBERG, KY	1	0010206629	WSBF966	N
T-Mobile License LLC	D21177	MUHLENBERG, KY	2	0010206629	WSBF967	N
T-Mobile License LLC	D21177	MUHLENBERG, KY	3	0010206629	WSBF968	N
T-Mobile License LLC	D21179	NELSON, KY	1	0010206629	WSBF969	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D21179	NELSON, KY	2	0010206629	WSBF970	N
T-Mobile License LLC	D21179	NELSON, KY	3	0010206629	WSBF971	N
T-Mobile License LLC	D21181	NICHOLAS, KY	1	0010206629	WSBF972	N
T-Mobile License LLC	D21181	NICHOLAS, KY	2	0010206629	WSBF973	N
T-Mobile License LLC	D21181	NICHOLAS, KY	3	0010206629	WSBF974	N
T-Mobile License LLC	D21183	OHIO, KY	1	0010206629	WSBF975	N
T-Mobile License LLC	D21183	OHIO, KY	2	0010206629	WSBF976	N
T-Mobile License LLC	D21183	OHIO, KY	3	0010206629	WSBF977	N
T-Mobile License LLC	D21185	OLDHAM, KY	2	0010206629	WSBF978	N
T-Mobile License LLC	D21185	OLDHAM, KY	3	0010206629	WSBF979	N
T-Mobile License LLC	D21187	OWEN, KY	1	0010206629	WSBF980	N
T-Mobile License LLC	D21187	OWEN, KY	2	0010206629	WSBF981	N
T-Mobile License LLC	D21187	OWEN, KY	3	0010206629	WSBF982	N
T-Mobile License LLC	D21189	OWSLEY, KY	2	0010206629	WSBF983	N
T-Mobile License LLC	D21189	OWSLEY, KY	3	0010206629	WSBF984	N
T-Mobile License LLC	D21191	PENDLETON, KY	1	0010206629	WSBF985	N
T-Mobile License LLC	D21191	PENDLETON, KY	2	0010206629	WSBF986	N
T-Mobile License LLC	D21191	PENDLETON, KY	3	0010206629	WSBF987	N
T-Mobile License LLC	D21193	PERRY, KY	2	0010206629	WSBF988	N
T-Mobile License LLC	D21193	PERRY, KY	3	0010206629	WSBF989	N
T-Mobile License LLC	D21195	PIKE, KY	2	0010206629	WSBF990	N
T-Mobile License LLC	D21195	PIKE, KY	3	0010206629	WSBF991	N
T-Mobile License LLC	D21197	POWELL, KY	1	0010206629	WSBF992	N
T-Mobile License LLC	D21197	POWELL, KY	3	0010206629	WSBF993	N
T-Mobile License LLC	D21199	PULASKI, KY	1	0010206629	WSBF994	N
T-Mobile License LLC	D21199	PULASKI, KY	2	0010206629	WSBF995	N
T-Mobile License LLC	D21199	PULASKI, KY	3	0010206629	WSBF996	N
T-Mobile License LLC	D21201	ROBERTSON, KY	1	0010206629	WSBF997	N
T-Mobile License LLC	D21201	ROBERTSON, KY	2	0010206629	WSBF998	N
T-Mobile License LLC	D21201	ROBERTSON, KY	3	0010206629	WSBF999	N
T-Mobile License LLC	D21203	ROCKCASTLE, KY	1	0010206629	WSBG200	N
T-Mobile License LLC	D21203	ROCKCASTLE, KY	2	0010206629	WSBG201	N
T-Mobile License LLC	D21203	ROCKCASTLE, KY	3	0010206629	WSBG202	N
T-Mobile License LLC	D21205	ROWAN, KY	1	0010206629	WSBG203	N
T-Mobile License LLC	D21205	ROWAN, KY	2	0010206629	WSBG204	N
T-Mobile License LLC	D21205	ROWAN, KY	3	0010206629	WSBG205	N
T-Mobile License LLC	D21207	RUSSELL, KY	1	0010206629	WSBG206	N
T-Mobile License LLC	D21207	RUSSELL, KY	2	0010206629	WSBG207	N
T-Mobile License LLC	D21207	RUSSELL, KY	3	0010206629	WSBG208	N
T-Mobile License LLC	D21209	SCOTT, KY	2	0010206629	WSBG209	N
T-Mobile License LLC	D21211	SHELBY, KY	1	0010206629	WSBG210	N
T-Mobile License LLC	D21211	SHELBY, KY	2	0010206629	WSBG211	N
T-Mobile License LLC	D21211	SHELBY, KY	3	0010206629	WSBG212	N
T-Mobile License LLC	D21213	SIMPSON, KY	1	0010206629	WSBG213	N
T-Mobile License LLC	D21213	SIMPSON, KY	2	0010206629	WSBG214	N
T-Mobile License LLC	D21213	SIMPSON, KY	3	0010206629	WSBG215	N
T-Mobile License LLC	D21215	SPENCER, KY	1	0010206629	WSBG216	N
T-Mobile License LLC	D21215	SPENCER, KY	2	0010206629	WSBG217	N
T-Mobile License LLC	D21215	SPENCER, KY	3	0010206629	WSBG218	N
T-Mobile License LLC	D21217	TAYLOR, KY	1	0010206629	WSBG219	N
T-Mobile License LLC	D21217	TAYLOR, KY	2	0010206629	WSBG220	N
T-Mobile License LLC	D21217	TAYLOR, KY	3	0010206629	WSBG221	N
T-Mobile License LLC	D21219	TODD, KY	1	0010206629	WSBG222	N
T-Mobile License LLC	D21219	TODD, KY	2	0010206629	WSBG223	N
T-Mobile License LLC	D21219	TODD, KY	3	0010206629	WSBG224	N
T-Mobile License LLC	D21221	TRIGG, KY	1	0010206629	WSBG225	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D21221	TRIGG, KY	2	0010206629	WSBG226	N
T-Mobile License LLC	D21221	TRIGG, KY	3	0010206629	WSBG227	N
T-Mobile License LLC	D21223	TRIMBLE, KY	1	0010206629	WSBG228	N
T-Mobile License LLC	D21223	TRIMBLE, KY	2	0010206629	WSBG229	N
T-Mobile License LLC	D21223	TRIMBLE, KY	3	0010206629	WSBG230	N
T-Mobile License LLC	D21225	UNION, KY	1	0010206629	WSBG231	N
T-Mobile License LLC	D21225	UNION, KY	2	0010206629	WSBG232	N
T-Mobile License LLC	D21225	UNION, KY	3	0010206629	WSBG233	N
T-Mobile License LLC	D21227	WARREN, KY	1	0010206629	WSBG234	N
T-Mobile License LLC	D21227	WARREN, KY	2	0010206629	WSBG235	N
T-Mobile License LLC	D21227	WARREN, KY	3	0010206629	WSBG236	N
T-Mobile License LLC	D21229	WASHINGTON, KY	1	0010206629	WSBG237	N
T-Mobile License LLC	D21229	WASHINGTON, KY	2	0010206629	WSBG238	N
T-Mobile License LLC	D21229	WASHINGTON, KY	3	0010206629	WSBG239	N
T-Mobile License LLC	D21233	WEBSTER, KY	1	0010206629	WSBG240	N
T-Mobile License LLC	D21233	WEBSTER, KY	2	0010206629	WSBG241	N
T-Mobile License LLC	D21233	WEBSTER, KY	3	0010206629	WSBG242	N
T-Mobile License LLC	D21237	WOLFE, KY	2	0010206629	WSBG243	N
T-Mobile License LLC	D21237	WOLFE, KY	3	0010206629	WSBG244	N
T-Mobile License LLC	D21239	WOODFORD, KY	2	0010206629	WSBG245	N
T-Mobile License LLC	D22001	ACADIA, LA	1	0010206629	WSBG246	N
T-Mobile License LLC	D22001	ACADIA, LA	2	0010206629	WSBG247	N
T-Mobile License LLC	D22001	ACADIA, LA	3	0010206629	WSBG248	N
T-Mobile License LLC	D22003	ALLEN, LA	1	0010206629	WSBG249	N
T-Mobile License LLC	D22003	ALLEN, LA	2	0010206629	WSBG250	N
T-Mobile License LLC	D22003	ALLEN, LA	3	0010206629	WSBG251	N
T-Mobile License LLC	D22005	ASCENSION, LA	1	0010206629	WSBG252	N
T-Mobile License LLC	D22005	ASCENSION, LA	2	0010206629	WSBG253	N
T-Mobile License LLC	D22005	ASCENSION, LA	3	0010206629	WSBG254	N
T-Mobile License LLC	D22009	AVOYELLES, LA	1	0010206629	WSBG255	N
T-Mobile License LLC	D22009	AVOYELLES, LA	2	0010206629	WSBG256	N
T-Mobile License LLC	D22009	AVOYELLES, LA	3	0010206629	WSBG257	N
T-Mobile License LLC	D22011	BEAUREGARD, LA	1	0010206629	WSBG258	N
T-Mobile License LLC	D22011	BEAUREGARD, LA	2	0010206629	WSBG259	N
T-Mobile License LLC	D22011	BEAUREGARD, LA	3	0010206629	WSBG260	N
T-Mobile License LLC	D22013	BIENVILLE, LA	1	0010206629	WSBG261	N
T-Mobile License LLC	D22013	BIENVILLE, LA	2	0010206629	WSBG262	N
T-Mobile License LLC	D22013	BIENVILLE, LA	3	0010206629	WSBG263	N
T-Mobile License LLC	D22015	BOSSIER, LA	1	0010206629	WSBG264	N
T-Mobile License LLC	D22015	BOSSIER, LA	2	0010206629	WSBG265	N
T-Mobile License LLC	D22015	BOSSIER, LA	3	0010206629	WSBG266	N
T-Mobile License LLC	D22017	CADDO, LA	1	0010206629	WSBG267	N
T-Mobile License LLC	D22017	CADDO, LA	2	0010206629	WSBG268	N
T-Mobile License LLC	D22017	CADDO, LA	3	0010206629	WSBG269	N
T-Mobile License LLC	D22021	CALDWELL, LA	1	0010206629	WSBG270	N
T-Mobile License LLC	D22021	CALDWELL, LA	2	0010206629	WSBG271	N
T-Mobile License LLC	D22021	CALDWELL, LA	3	0010206629	WSBG272	N
T-Mobile License LLC	D22023	CAMERON, LA	1	0010206629	WSBG273	N
T-Mobile License LLC	D22023	CAMERON, LA	2	0010206629	WSBG274	N
T-Mobile License LLC	D22023	CAMERON, LA	3	0010206629	WSBG275	N
T-Mobile License LLC	D22025	CATAHOULA, LA	1	0010206629	WSBG276	N
T-Mobile License LLC	D22025	CATAHOULA, LA	2	0010206629	WSBG277	N
T-Mobile License LLC	D22027	CLAIBORNE, LA	1	0010206629	WSBG278	N
T-Mobile License LLC	D22027	CLAIBORNE, LA	2	0010206629	WSBG279	N
T-Mobile License LLC	D22027	CLAIBORNE, LA	3	0010206629	WSBG280	N
T-Mobile License LLC	D22029	CONCORDIA, LA	1	0010206629	WSBG281	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D22029	CONCORDIA, LA	2	0010206629	WSBG282	N
T-Mobile License LLC	D22031	DE SOTO, LA	1	0010206629	WSBG283	N
T-Mobile License LLC	D22031	DE SOTO, LA	2	0010206629	WSBG284	N
T-Mobile License LLC	D22031	DE SOTO, LA	3	0010206629	WSBG285	N
T-Mobile License LLC	D22033	EAST BATON ROUGE, LA	1	0010206629	WSBG286	N
T-Mobile License LLC	D22033	EAST BATON ROUGE, LA	2	0010206629	WSBG287	N
T-Mobile License LLC	D22033	EAST BATON ROUGE, LA	3	0010206629	WSBG288	N
T-Mobile License LLC	D22035	EAST CARROLL, LA	1	0010206629	WSBG289	N
T-Mobile License LLC	D22035	EAST CARROLL, LA	2	0010206629	WSBG290	N
T-Mobile License LLC	D22035	EAST CARROLL, LA	3	0010206629	WSBG291	N
T-Mobile License LLC	D22037	EAST FELICIANA, LA	1	0010206629	WSBG292	N
T-Mobile License LLC	D22037	EAST FELICIANA, LA	2	0010206629	WSBG293	N
T-Mobile License LLC	D22037	EAST FELICIANA, LA	3	0010206629	WSBG294	N
T-Mobile License LLC	D22039	EVANGELINE, LA	1	0010206629	WSBG295	N
T-Mobile License LLC	D22039	EVANGELINE, LA	2	0010206629	WSBG296	N
T-Mobile License LLC	D22039	EVANGELINE, LA	3	0010206629	WSBG297	N
T-Mobile License LLC	D22041	FRANKLIN, LA	1	0010206629	WSBG298	N
T-Mobile License LLC	D22041	FRANKLIN, LA	2	0010206629	WSBG299	N
T-Mobile License LLC	D22041	FRANKLIN, LA	3	0010206629	WSBG300	N
T-Mobile License LLC	D22043	GRANT, LA	1	0010206629	WSBG301	N
T-Mobile License LLC	D22045	IBERIA, LA	1	0010206629	WSBG302	N
T-Mobile License LLC	D22045	IBERIA, LA	2	0010206629	WSBG303	N
T-Mobile License LLC	D22045	IBERIA, LA	3	0010206629	WSBG304	N
T-Mobile License LLC	D22047	IBERVILLE, LA	1	0010206629	WSBG305	N
T-Mobile License LLC	D22047	IBERVILLE, LA	2	0010206629	WSBG306	N
T-Mobile License LLC	D22047	IBERVILLE, LA	3	0010206629	WSBG307	N
T-Mobile License LLC	D22049	JACKSON, LA	1	0010206629	WSBG308	N
T-Mobile License LLC	D22049	JACKSON, LA	2	0010206629	WSBG309	N
T-Mobile License LLC	D22049	JACKSON, LA	3	0010206629	WSBG310	N
T-Mobile License LLC	D22051	JEFFERSON, LA	1	0010206629	WSBG311	N
T-Mobile License LLC	D22051	JEFFERSON, LA	2	0010206629	WSBG312	N
T-Mobile License LLC	D22051	JEFFERSON, LA	3	0010206629	WSBG313	N
T-Mobile License LLC	D22053	JEFFERSON DAVIS, LA	1	0010206629	WSBG314	N
T-Mobile License LLC	D22053	JEFFERSON DAVIS, LA	2	0010206629	WSBG315	N
T-Mobile License LLC	D22053	JEFFERSON DAVIS, LA	3	0010206629	WSBG316	N
T-Mobile License LLC	D22055	LAFAYETTE, LA	1	0010206629	WSBG317	N
T-Mobile License LLC	D22055	LAFAYETTE, LA	2	0010206629	WSBG318	N
T-Mobile License LLC	D22055	LAFAYETTE, LA	3	0010206629	WSBG319	N
T-Mobile License LLC	D22057	LAFOURCHE, LA	1	0010206629	WSBG320	N
T-Mobile License LLC	D22057	LAFOURCHE, LA	2	0010206629	WSBG321	N
T-Mobile License LLC	D22057	LAFOURCHE, LA	3	0010206629	WSBG322	N
T-Mobile License LLC	D22059	LASALLE, LA	1	0010206629	WSBG323	N
T-Mobile License LLC	D22059	LASALLE, LA	2	0010206629	WSBG324	N
T-Mobile License LLC	D22059	LASALLE, LA	3	0010206629	WSBG325	N
T-Mobile License LLC	D22061	LINCOLN, LA	1	0010206629	WSBG326	N
T-Mobile License LLC	D22061	LINCOLN, LA	2	0010206629	WSBG327	N
T-Mobile License LLC	D22061	LINCOLN, LA	3	0010206629	WSBG328	N
T-Mobile License LLC	D22063	LIVINGSTON, LA	1	0010206629	WSBG329	N
T-Mobile License LLC	D22063	LIVINGSTON, LA	2	0010206629	WSBG330	N
T-Mobile License LLC	D22063	LIVINGSTON, LA	3	0010206629	WSBG331	N
T-Mobile License LLC	D22065	MADISON, LA	1	0010206629	WSBG332	N
T-Mobile License LLC	D22065	MADISON, LA	2	0010206629	WSBG333	N
T-Mobile License LLC	D22065	MADISON, LA	3	0010206629	WSBG334	N
T-Mobile License LLC	D22067	MOREHOUSE, LA	1	0010206629	WSBG335	N
T-Mobile License LLC	D22067	MOREHOUSE, LA	2	0010206629	WSBG336	N
T-Mobile License LLC	D22067	MOREHOUSE, LA	3	0010206629	WSBG337	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D22069	NATCHITOCHES, LA	2	0010206629	WSBG338	N
T-Mobile License LLC	D22073	OUACHITA, LA	1	0010206629	WSBG339	N
T-Mobile License LLC	D22073	OUACHITA, LA	2	0010206629	WSBG340	N
T-Mobile License LLC	D22073	OUACHITA, LA	3	0010206629	WSBG341	N
T-Mobile License LLC	D22075	PLAQUEMINES, LA	1	0010206629	WSBG342	N
T-Mobile License LLC	D22075	PLAQUEMINES, LA	2	0010206629	WSBG343	N
T-Mobile License LLC	D22075	PLAQUEMINES, LA	3	0010206629	WSBG344	N
T-Mobile License LLC	D22077	POINTE COUPEE, LA	1	0010206629	WSBG345	N
T-Mobile License LLC	D22077	POINTE COUPEE, LA	2	0010206629	WSBG346	N
T-Mobile License LLC	D22077	POINTE COUPEE, LA	3	0010206629	WSBG347	N
T-Mobile License LLC	D22079	RAPIDES, LA	2	0010206629	WSBG348	N
T-Mobile License LLC	D22079	RAPIDES, LA	3	0010206629	WSBG349	N
T-Mobile License LLC	D22081	RED RIVER, LA	1	0010206629	WSBG350	N
T-Mobile License LLC	D22081	RED RIVER, LA	2	0010206629	WSBG351	N
T-Mobile License LLC	D22083	RICHLAND, LA	1	0010206629	WSBG352	N
T-Mobile License LLC	D22083	RICHLAND, LA	2	0010206629	WSBG353	N
T-Mobile License LLC	D22083	RICHLAND, LA	3	0010206629	WSBG354	N
T-Mobile License LLC	D22085	SABINE, LA	2	0010206629	WSBG355	N
T-Mobile License LLC	D22087	ST. BERNARD, LA	1	0010206629	WSBG356	N
T-Mobile License LLC	D22087	ST. BERNARD, LA	2	0010206629	WSBG357	N
T-Mobile License LLC	D22087	ST. BERNARD, LA	3	0010206629	WSBG358	N
T-Mobile License LLC	D22091	ST. HELENA, LA	1	0010206629	WSBG359	N
T-Mobile License LLC	D22091	ST. HELENA, LA	2	0010206629	WSBG360	N
T-Mobile License LLC	D22091	ST. HELENA, LA	3	0010206629	WSBG361	N
T-Mobile License LLC	D22093	ST. JAMES, LA	1	0010206629	WSBG362	N
T-Mobile License LLC	D22093	ST. JAMES, LA	2	0010206629	WSBG363	N
T-Mobile License LLC	D22093	ST. JAMES, LA	3	0010206629	WSBG364	N
T-Mobile License LLC	D22095	ST. JOHN THE BAPTIST, LA	1	0010206629	WSBG365	N
T-Mobile License LLC	D22095	ST. JOHN THE BAPTIST, LA	2	0010206629	WSBG366	N
T-Mobile License LLC	D22095	ST. JOHN THE BAPTIST, LA	3	0010206629	WSBG367	N
T-Mobile License LLC	D22097	ST. LANDRY, LA	1	0010206629	WSBG368	N
T-Mobile License LLC	D22097	ST. LANDRY, LA	2	0010206629	WSBG369	N
T-Mobile License LLC	D22097	ST. LANDRY, LA	3	0010206629	WSBG370	N
T-Mobile License LLC	D22099	ST. MARTIN, LA	1	0010206629	WSBG371	N
T-Mobile License LLC	D22099	ST. MARTIN, LA	2	0010206629	WSBG372	N
T-Mobile License LLC	D22099	ST. MARTIN, LA	3	0010206629	WSBG373	N
T-Mobile License LLC	D22101	ST. MARY, LA	1	0010206629	WSBG374	N
T-Mobile License LLC	D22101	ST. MARY, LA	2	0010206629	WSBG375	N
T-Mobile License LLC	D22101	ST. MARY, LA	3	0010206629	WSBG376	N
T-Mobile License LLC	D22103	ST. TAMMANY, LA	1	0010206629	WSBG377	N
T-Mobile License LLC	D22103	ST. TAMMANY, LA	2	0010206629	WSBG378	N
T-Mobile License LLC	D22103	ST. TAMMANY, LA	3	0010206629	WSBG379	N
T-Mobile License LLC	D22107	TENSAS, LA	1	0010206629	WSBG380	N
T-Mobile License LLC	D22107	TENSAS, LA	2	0010206629	WSBG381	N
T-Mobile License LLC	D22107	TENSAS, LA	3	0010206629	WSBG382	N
T-Mobile License LLC	D22109	TERREBONNE, LA	1	0010206629	WSBG383	N
T-Mobile License LLC	D22109	TERREBONNE, LA	2	0010206629	WSBG384	N
T-Mobile License LLC	D22109	TERREBONNE, LA	3	0010206629	WSBG385	N
T-Mobile License LLC	D22111	UNION, LA	1	0010206629	WSBG386	N
T-Mobile License LLC	D22111	UNION, LA	2	0010206629	WSBG387	N
T-Mobile License LLC	D22111	UNION, LA	3	0010206629	WSBG388	N
T-Mobile License LLC	D22113	VERMILION, LA	1	0010206629	WSBG389	N
T-Mobile License LLC	D22113	VERMILION, LA	2	0010206629	WSBG390	N
T-Mobile License LLC	D22113	VERMILION, LA	3	0010206629	WSBG391	N
T-Mobile License LLC	D22115	VERNON, LA	1	0010206629	WSBG392	N
T-Mobile License LLC	D22115	VERNON, LA	2	0010206629	WSBG393	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D22117	WASHINGTON, LA	1	0010206629	WSBG394	N
T-Mobile License LLC	D22117	WASHINGTON, LA	2	0010206629	WSBG395	N
T-Mobile License LLC	D22117	WASHINGTON, LA	3	0010206629	WSBG396	N
T-Mobile License LLC	D22119	WEBSTER, LA	1	0010206629	WSBG397	N
T-Mobile License LLC	D22119	WEBSTER, LA	2	0010206629	WSBG398	N
T-Mobile License LLC	D22119	WEBSTER, LA	3	0010206629	WSBG399	N
T-Mobile License LLC	D22121	WEST BATON ROUGE, LA	1	0010206629	WSBG400	N
T-Mobile License LLC	D22121	WEST BATON ROUGE, LA	2	0010206629	WSBG401	N
T-Mobile License LLC	D22121	WEST BATON ROUGE, LA	3	0010206629	WSBG402	N
T-Mobile License LLC	D22123	WEST CARROLL, LA	1	0010206629	WSBG403	N
T-Mobile License LLC	D22123	WEST CARROLL, LA	2	0010206629	WSBG404	N
T-Mobile License LLC	D22123	WEST CARROLL, LA	3	0010206629	WSBG405	N
T-Mobile License LLC	D22125	WEST FELICIANA, LA	1	0010206629	WSBG406	N
T-Mobile License LLC	D22125	WEST FELICIANA, LA	2	0010206629	WSBG407	N
T-Mobile License LLC	D22125	WEST FELICIANA, LA	3	0010206629	WSBG408	N
T-Mobile License LLC	D22127	WINN, LA	2	0010206629	WSBG409	N
T-Mobile License LLC	D22127	WINN, LA	3	0010206629	WSBG410	N
T-Mobile License LLC	D23001	ANDROSCOGGIN, ME	1	0010206629	WSBG411	N
T-Mobile License LLC	D23001	ANDROSCOGGIN, ME	2	0010206629	WSBG412	N
T-Mobile License LLC	D23003	AROOSTOOK, ME	1	0010206629	WSBG413	N
T-Mobile License LLC	D23003	AROOSTOOK, ME	2	0010206629	WSBG414	N
T-Mobile License LLC	D23003	AROOSTOOK, ME	3	0010206629	WSBG415	N
T-Mobile License LLC	D23005	CUMBERLAND, ME	1	0010206629	WSBG416	N
T-Mobile License LLC	D23005	CUMBERLAND, ME	2	0010206629	WSBG417	N
T-Mobile License LLC	D23005	CUMBERLAND, ME	3	0010206629	WSBG418	N
T-Mobile License LLC	D23007	FRANKLIN, ME	1	0010206629	WSBG419	N
T-Mobile License LLC	D23007	FRANKLIN, ME	2	0010206629	WSBG420	N
T-Mobile License LLC	D23007	FRANKLIN, ME	3	0010206629	WSBG421	N
T-Mobile License LLC	D23009	HANCOCK, ME	1	0010206629	WSBG422	N
T-Mobile License LLC	D23009	HANCOCK, ME	2	0010206629	WSBG423	N
T-Mobile License LLC	D23009	HANCOCK, ME	3	0010206629	WSBG424	N
T-Mobile License LLC	D23011	KENNEBEC, ME	1	0010206629	WSBG425	N
T-Mobile License LLC	D23011	KENNEBEC, ME	2	0010206629	WSBG426	N
T-Mobile License LLC	D23013	KNOX, ME	1	0010206629	WSBG427	N
T-Mobile License LLC	D23013	KNOX, ME	2	0010206629	WSBG428	N
T-Mobile License LLC	D23013	KNOX, ME	3	0010206629	WSBG429	N
T-Mobile License LLC	D23015	LINCOLN, ME	1	0010206629	WSBG430	N
T-Mobile License LLC	D23015	LINCOLN, ME	2	0010206629	WSBG431	N
T-Mobile License LLC	D23015	LINCOLN, ME	3	0010206629	WSBG432	N
T-Mobile License LLC	D23017	OXFORD, ME	1	0010206629	WSBG433	N
T-Mobile License LLC	D23017	OXFORD, ME	2	0010206629	WSBG434	N
T-Mobile License LLC	D23017	OXFORD, ME	3	0010206629	WSBG435	N
T-Mobile License LLC	D23019	PENOBSCOT, ME	1	0010206629	WSBG436	N
T-Mobile License LLC	D23019	PENOBSCOT, ME	2	0010206629	WSBG437	N
T-Mobile License LLC	D23019	PENOBSCOT, ME	3	0010206629	WSBG438	N
T-Mobile License LLC	D23021	PISCATAQUIS, ME	1	0010206629	WSBG439	N
T-Mobile License LLC	D23021	PISCATAQUIS, ME	2	0010206629	WSBG440	N
T-Mobile License LLC	D23021	PISCATAQUIS, ME	3	0010206629	WSBG441	N
T-Mobile License LLC	D23023	SAGADAHOC, ME	1	0010206629	WSBG442	N
T-Mobile License LLC	D23023	SAGADAHOC, ME	2	0010206629	WSBG443	N
T-Mobile License LLC	D23023	SAGADAHOC, ME	3	0010206629	WSBG444	N
T-Mobile License LLC	D23025	SOMERSET, ME	1	0010206629	WSBG445	N
T-Mobile License LLC	D23025	SOMERSET, ME	2	0010206629	WSBG446	N
T-Mobile License LLC	D23025	SOMERSET, ME	3	0010206629	WSBG447	N
T-Mobile License LLC	D23027	WALDO, ME	1	0010206629	WSBG448	N
T-Mobile License LLC	D23027	WALDO, ME	2	0010206629	WSBG449	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D23027	WALDO, ME	3	0010206629	WSBG450	N
T-Mobile License LLC	D23029	WASHINGTON, ME	1	0010206629	WSBG451	N
T-Mobile License LLC	D23029	WASHINGTON, ME	2	0010206629	WSBG452	N
T-Mobile License LLC	D23029	WASHINGTON, ME	3	0010206629	WSBG453	N
T-Mobile License LLC	D23031	YORK, ME	2	0010206629	WSBG454	N
T-Mobile License LLC	D23031	YORK, ME	3	0010206629	WSBG455	N
T-Mobile License LLC	D24001	ALLEGANY, MD	2	0010206629	WSBG456	N
T-Mobile License LLC	D24001	ALLEGANY, MD	3	0010206629	WSBG457	N
T-Mobile License LLC	D24003	ANNE ARUNDEL, MD	1	0010206629	WSBG458	N
T-Mobile License LLC	D24003	ANNE ARUNDEL, MD	2	0010206629	WSBG459	N
T-Mobile License LLC	D24003	ANNE ARUNDEL, MD	3	0010206629	WSBG460	N
T-Mobile License LLC	D24009	CALVERT, MD	1	0010206629	WSBG461	N
T-Mobile License LLC	D24009	CALVERT, MD	2	0010206629	WSBG462	N
T-Mobile License LLC	D24009	CALVERT, MD	3	0010206629	WSBG463	N
T-Mobile License LLC	D24011	CAROLINE, MD	1	0010206629	WSBG464	N
T-Mobile License LLC	D24011	CAROLINE, MD	2	0010206629	WSBG465	N
T-Mobile License LLC	D24011	CAROLINE, MD	3	0010206629	WSBG466	N
T-Mobile License LLC	D24013	CARROLL, MD	1	0010206629	WSBG467	N
T-Mobile License LLC	D24013	CARROLL, MD	2	0010206629	WSBG468	N
T-Mobile License LLC	D24013	CARROLL, MD	3	0010206629	WSBG469	N
T-Mobile License LLC	D24015	CECIL, MD	1	0010206629	WSBG470	N
T-Mobile License LLC	D24015	CECIL, MD	2	0010206629	WSBG471	N
T-Mobile License LLC	D24015	CECIL, MD	3	0010206629	WSBG472	N
T-Mobile License LLC	D24017	CHARLES, MD	1	0010206629	WSBG473	N
T-Mobile License LLC	D24017	CHARLES, MD	2	0010206629	WSBG474	N
T-Mobile License LLC	D24017	CHARLES, MD	3	0010206629	WSBG475	N
T-Mobile License LLC	D24019	DORCHESTER, MD	1	0010206629	WSBG476	N
T-Mobile License LLC	D24019	DORCHESTER, MD	2	0010206629	WSBG477	N
T-Mobile License LLC	D24019	DORCHESTER, MD	3	0010206629	WSBG478	N
T-Mobile License LLC	D24021	FREDERICK, MD	1	0010206629	WSBG479	N
T-Mobile License LLC	D24021	FREDERICK, MD	2	0010206629	WSBG480	N
T-Mobile License LLC	D24021	FREDERICK, MD	3	0010206629	WSBG481	N
T-Mobile License LLC	D24023	GARRETT, MD	1	0010206629	WSBG482	N
T-Mobile License LLC	D24023	GARRETT, MD	2	0010206629	WSBG483	N
T-Mobile License LLC	D24023	GARRETT, MD	3	0010206629	WSBG484	N
T-Mobile License LLC	D24029	KENT, MD	1	0010206629	WSBG485	N
T-Mobile License LLC	D24029	KENT, MD	2	0010206629	WSBG486	N
T-Mobile License LLC	D24029	KENT, MD	3	0010206629	WSBG487	N
T-Mobile License LLC	D24033	PRINCE GEORGE'S, MD	1	0010206629	WSBG488	N
T-Mobile License LLC	D24033	PRINCE GEORGE'S, MD	2	0010206629	WSBG489	N
T-Mobile License LLC	D24033	PRINCE GEORGE'S, MD	3	0010206629	WSBG490	N
T-Mobile License LLC	D24035	QUEEN ANNE'S, MD	1	0010206629	WSBG491	N
T-Mobile License LLC	D24035	QUEEN ANNE'S, MD	2	0010206629	WSBG492	N
T-Mobile License LLC	D24035	QUEEN ANNE'S, MD	3	0010206629	WSBG493	N
T-Mobile License LLC	D24037	ST. MARY'S, MD	1	0010206629	WSBG494	N
T-Mobile License LLC	D24037	ST. MARY'S, MD	2	0010206629	WSBG495	N
T-Mobile License LLC	D24037	ST. MARY'S, MD	3	0010206629	WSBG496	N
T-Mobile License LLC	D24039	SOMERSET, MD	1	0010206629	WSBG497	N
T-Mobile License LLC	D24039	SOMERSET, MD	2	0010206629	WSBG498	N
T-Mobile License LLC	D24039	SOMERSET, MD	3	0010206629	WSBG499	N
T-Mobile License LLC	D24041	TALBOT, MD	1	0010206629	WSBG500	N
T-Mobile License LLC	D24041	TALBOT, MD	2	0010206629	WSBG501	N
T-Mobile License LLC	D24041	TALBOT, MD	3	0010206629	WSBG502	N
T-Mobile License LLC	D24043	WASHINGTON, MD	1	0010206629	WSBG503	N
T-Mobile License LLC	D24043	WASHINGTON, MD	2	0010206629	WSBG504	N
T-Mobile License LLC	D24043	WASHINGTON, MD	3	0010206629	WSBG505	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D24045	WICOMICO, MD	2	0010206629	WSBG506	N
T-Mobile License LLC	D24045	WICOMICO, MD	3	0010206629	WSBG507	N
T-Mobile License LLC	D24047	WORCESTER, MD	2	0010206629	WSBG508	N
T-Mobile License LLC	D24047	WORCESTER, MD	3	0010206629	WSBG509	N
T-Mobile License LLC	D25001	BARNSTABLE, MA	1	0010206629	WSBG510	N
T-Mobile License LLC	D25001	BARNSTABLE, MA	2	0010206629	WSBG511	N
T-Mobile License LLC	D25001	BARNSTABLE, MA	3	0010206629	WSBG512	N
T-Mobile License LLC	D25003	BERKSHIRE, MA	1	0010206629	WSBG513	N
T-Mobile License LLC	D25003	BERKSHIRE, MA	2	0010206629	WSBG514	N
T-Mobile License LLC	D25007	DUKES, MA	1	0010206629	WSBG515	N
T-Mobile License LLC	D25007	DUKES, MA	2	0010206629	WSBG516	N
T-Mobile License LLC	D25009	ESSEX, MA	1	0010206629	WSBG517	N
T-Mobile License LLC	D25009	ESSEX, MA	2	0010206629	WSBG518	N
T-Mobile License LLC	D25009	ESSEX, MA	3	0010206629	WSBG519	N
T-Mobile License LLC	D25011	FRANKLIN, MA	1	0010206629	WSBG520	N
T-Mobile License LLC	D25011	FRANKLIN, MA	2	0010206629	WSBG521	N
T-Mobile License LLC	D25011	FRANKLIN, MA	3	0010206629	WSBG522	N
T-Mobile License LLC	D25013	HAMPDEN, MA	1	0010206629	WSBG523	N
T-Mobile License LLC	D25013	HAMPDEN, MA	2	0010206629	WSBG524	N
T-Mobile License LLC	D25015	HAMPSHIRE, MA	1	0010206629	WSBG525	N
T-Mobile License LLC	D25015	HAMPSHIRE, MA	2	0010206629	WSBG526	N
T-Mobile License LLC	D25017	MIDDLESEX, MA	3	0010206629	WSBG527	N
T-Mobile License LLC	D25019	NANTUCKET, MA	1	0010206629	WSBG528	N
T-Mobile License LLC	D25019	NANTUCKET, MA	2	0010206629	WSBG529	N
T-Mobile License LLC	D25019	NANTUCKET, MA	3	0010206629	WSBG530	N
T-Mobile License LLC	D25023	PLYMOUTH, MA	1	0010206629	WSBG531	N
T-Mobile License LLC	D25023	PLYMOUTH, MA	2	0010206629	WSBG532	N
T-Mobile License LLC	D25027	WORCESTER, MA	1	0010206629	WSBG533	N
T-Mobile License LLC	D25027	WORCESTER, MA	2	0010206629	WSBG534	N
T-Mobile License LLC	D25027	WORCESTER, MA	3	0010206629	WSBG535	N
T-Mobile License LLC	D26003	ALGER, MI	2	0010206629	WSBG536	N
T-Mobile License LLC	D26003	ALGER, MI	3	0010206629	WSBG537	N
T-Mobile License LLC	D26005	ALLEGAN, MI	1	0010206629	WSBG538	N
T-Mobile License LLC	D26005	ALLEGAN, MI	2	0010206629	WSBG539	N
T-Mobile License LLC	D26007	ALPENA, MI	1	0010206629	WSBG540	N
T-Mobile License LLC	D26007	ALPENA, MI	2	0010206629	WSBG541	N
T-Mobile License LLC	D26007	ALPENA, MI	3	0010206629	WSBG542	N
T-Mobile License LLC	D26009	ANTRIM, MI	1	0010206629	WSBG543	N
T-Mobile License LLC	D26009	ANTRIM, MI	2	0010206629	WSBG544	N
T-Mobile License LLC	D26009	ANTRIM, MI	3	0010206629	WSBG545	N
T-Mobile License LLC	D26011	ARENAC, MI	1	0010206629	WSBG546	N
T-Mobile License LLC	D26011	ARENAC, MI	2	0010206629	WSBG547	N
T-Mobile License LLC	D26011	ARENAC, MI	3	0010206629	WSBG548	N
T-Mobile License LLC	D26013	BARAGA, MI	1	0010206629	WSBG549	N
T-Mobile License LLC	D26013	BARAGA, MI	3	0010206629	WSBG550	N
T-Mobile License LLC	D26015	BARRY, MI	2	0010206629	WSBG551	N
T-Mobile License LLC	D26015	BARRY, MI	3	0010206629	WSBG552	N
T-Mobile License LLC	D26017	BAY, MI	1	0010206629	WSBG553	N
T-Mobile License LLC	D26017	BAY, MI	2	0010206629	WSBG554	N
T-Mobile License LLC	D26017	BAY, MI	3	0010206629	WSBG555	N
T-Mobile License LLC	D26019	BENZIE, MI	1	0010206629	WSBG556	N
T-Mobile License LLC	D26019	BENZIE, MI	2	0010206629	WSBG557	N
T-Mobile License LLC	D26019	BENZIE, MI	3	0010206629	WSBG558	N
T-Mobile License LLC	D26023	BRANCH, MI	1	0010206629	WSBG559	N
T-Mobile License LLC	D26023	BRANCH, MI	2	0010206629	WSBG560	N
T-Mobile License LLC	D26023	BRANCH, MI	3	0010206629	WSBG561	N

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T-Mobile License LLC	D26025	CALHOUN, MI	1	0010206629	WSBG562	N
T-Mobile License LLC	D26025	CALHOUN, MI	2	0010206629	WSBG563	N
T-Mobile License LLC	D26025	CALHOUN, MI	3	0010206629	WSBG564	N
T-Mobile License LLC	D26029	CHARLEVOIX, MI	3	0010206629	WSBG565	N
T-Mobile License LLC	D26031	CHEBOYGAN, MI	1	0010206629	WSBG566	N
T-Mobile License LLC	D26033	CHIPPEWA, MI	1	0010206629	WSBG567	N
T-Mobile License LLC	D26033	CHIPPEWA, MI	2	0010206629	WSBG568	N
T-Mobile License LLC	D26033	CHIPPEWA, MI	3	0010206629	WSBG569	N
T-Mobile License LLC	D26035	CLARE, MI	2	0010206629	WSBG570	N
T-Mobile License LLC	D26035	CLARE, MI	3	0010206629	WSBG571	N
T-Mobile License LLC	D26039	CRAWFORD, MI	2	0010206629	WSBG572	N
T-Mobile License LLC	D26039	CRAWFORD, MI	3	0010206629	WSBG573	N
T-Mobile License LLC	D26041	DELTA, MI	2	0010206629	WSBG574	N
T-Mobile License LLC	D26041	DELTA, MI	3	0010206629	WSBG575	N
T-Mobile License LLC	D26047	EMMET, MI	1	0010206629	WSBG576	N
T-Mobile License LLC	D26047	EMMET, MI	2	0010206629	WSBG577	N
T-Mobile License LLC	D26049	GENESEE, MI	1	0010206629	WSBG578	N
T-Mobile License LLC	D26049	GENESEE, MI	2	0010206629	WSBG579	N
T-Mobile License LLC	D26049	GENESEE, MI	3	0010206629	WSBG580	N
T-Mobile License LLC	D26051	GLADWIN, MI	2	0010206629	WSBG581	N
T-Mobile License LLC	D26051	GLADWIN, MI	3	0010206629	WSBG582	N
T-Mobile License LLC	D26053	GOGEBIC, MI	1	0010206629	WSBG583	N
T-Mobile License LLC	D26053	GOGEBIC, MI	2	0010206629	WSBG584	N
T-Mobile License LLC	D26055	GRAND TRAVERSE, MI	1	0010206629	WSBG585	N
T-Mobile License LLC	D26055	GRAND TRAVERSE, MI	2	0010206629	WSBG586	N
T-Mobile License LLC	D26055	GRAND TRAVERSE, MI	3	0010206629	WSBG587	N
T-Mobile License LLC	D26057	GRATIOT, MI	1	0010206629	WSBG588	N
T-Mobile License LLC	D26057	GRATIOT, MI	2	0010206629	WSBG589	N
T-Mobile License LLC	D26059	HILLSDALE, MI	1	0010206629	WSBG590	N
T-Mobile License LLC	D26059	HILLSDALE, MI	2	0010206629	WSBG591	N
T-Mobile License LLC	D26059	HILLSDALE, MI	3	0010206629	WSBG592	N
T-Mobile License LLC	D26061	HOUGHTON, MI	1	0010206629	WSBG593	N
T-Mobile License LLC	D26061	HOUGHTON, MI	2	0010206629	WSBG594	N
T-Mobile License LLC	D26061	HOUGHTON, MI	3	0010206629	WSBG595	N
T-Mobile License LLC	D26063	HURON, MI	2	0010206629	WSBG596	N
T-Mobile License LLC	D26063	HURON, MI	3	0010206629	WSBG597	N
T-Mobile License LLC	D26067	IONIA, MI	1	0010206629	WSBG598	N
T-Mobile License LLC	D26067	IONIA, MI	2	0010206629	WSBG599	N
T-Mobile License LLC	D26067	IONIA, MI	3	0010206629	WSBG600	N
T-Mobile License LLC	D26071	IRON, MI	3	0010206629	WSBG601	N
T-Mobile License LLC	D26073	ISABELLA, MI	1	0010206629	WSBG602	N
T-Mobile License LLC	D26073	ISABELLA, MI	2	0010206629	WSBG603	N
T-Mobile License LLC	D26075	JACKSON, MI	1	0010206629	WSBG604	N
T-Mobile License LLC	D26075	JACKSON, MI	2	0010206629	WSBG605	N
T-Mobile License LLC	D26077	KALAMAZOO, MI	1	0010206629	WSBG606	N
T-Mobile License LLC	D26077	KALAMAZOO, MI	2	0010206629	WSBG607	N
T-Mobile License LLC	D26077	KALAMAZOO, MI	3	0010206629	WSBG608	N
T-Mobile License LLC	D26079	KALKASKA, MI	1	0010206629	WSBG609	N
T-Mobile License LLC	D26079	KALKASKA, MI	2	0010206629	WSBG610	N
T-Mobile License LLC	D26079	KALKASKA, MI	3	0010206629	WSBG611	N
T-Mobile License LLC	D26081	KENT, MI	1	0010206629	WSBG612	N
T-Mobile License LLC	D26081	KENT, MI	2	0010206629	WSBG613	N
T-Mobile License LLC	D26083	KEWEENAW, MI	2	0010206629	WSBG614	N
T-Mobile License LLC	D26083	KEWEENAW, MI	3	0010206629	WSBG615	N
T-Mobile License LLC	D26085	LAKE, MI	1	0010206629	WSBG616	N
T-Mobile License LLC	D26085	LAKE, MI	2	0010206629	WSBG617	N

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T-Mobile License LLC	D26085	LAKE, MI	3	0010206629	WSBG618	N
T-Mobile License LLC	D26087	LAPEER, MI	1	0010206629	WSBG619	N
T-Mobile License LLC	D26087	LAPEER, MI	2	0010206629	WSBG620	N
T-Mobile License LLC	D26087	LAPEER, MI	3	0010206629	WSBG621	N
T-Mobile License LLC	D26089	LEELANAU, MI	1	0010206629	WSBG622	N
T-Mobile License LLC	D26089	LEELANAU, MI	2	0010206629	WSBG623	N
T-Mobile License LLC	D26089	LEELANAU, MI	3	0010206629	WSBG624	N
T-Mobile License LLC	D26091	LENAWEE, MI	1	0010206629	WSBG625	N
T-Mobile License LLC	D26091	LENAWEE, MI	2	0010206629	WSBG626	N
T-Mobile License LLC	D26093	LIVINGSTON, MI	1	0010206629	WSBG627	N
T-Mobile License LLC	D26093	LIVINGSTON, MI	2	0010206629	WSBG628	N
T-Mobile License LLC	D26093	LIVINGSTON, MI	3	0010206629	WSBG629	N
T-Mobile License LLC	D26095	LUCE, MI	1	0010206629	WSBG630	N
T-Mobile License LLC	D26095	LUCE, MI	2	0010206629	WSBG631	N
T-Mobile License LLC	D26095	LUCE, MI	3	0010206629	WSBG632	N
T-Mobile License LLC	D26097	MACKINAC, MI	1	0010206629	WSBG633	N
T-Mobile License LLC	D26097	MACKINAC, MI	2	0010206629	WSBG634	N
T-Mobile License LLC	D26097	MACKINAC, MI	3	0010206629	WSBG635	N
T-Mobile License LLC	D26099	MACOMB, MI	1	0010206629	WSBG636	N
T-Mobile License LLC	D26099	MACOMB, MI	2	0010206629	WSBG637	N
T-Mobile License LLC	D26099	MACOMB, MI	3	0010206629	WSBG638	N
T-Mobile License LLC	D26101	MANISTEE, MI	1	0010206629	WSBG639	N
T-Mobile License LLC	D26101	MANISTEE, MI	2	0010206629	WSBG640	N
T-Mobile License LLC	D26101	MANISTEE, MI	3	0010206629	WSBG641	N
T-Mobile License LLC	D26103	MARQUETTE, MI	1	0010206629	WSBG642	N
T-Mobile License LLC	D26103	MARQUETTE, MI	2	0010206629	WSBG643	N
T-Mobile License LLC	D26103	MARQUETTE, MI	3	0010206629	WSBG644	N
T-Mobile License LLC	D26105	MASON, MI	1	0010206629	WSBG645	N
T-Mobile License LLC	D26105	MASON, MI	2	0010206629	WSBG646	N
T-Mobile License LLC	D26105	MASON, MI	3	0010206629	WSBG647	N
T-Mobile License LLC	D26107	MECOSTA, MI	1	0010206629	WSBG648	N
T-Mobile License LLC	D26107	MECOSTA, MI	2	0010206629	WSBG649	N
T-Mobile License LLC	D26109	MENOMINEE, MI	1	0010206629	WSBG650	N
T-Mobile License LLC	D26109	MENOMINEE, MI	2	0010206629	WSBG651	N
T-Mobile License LLC	D26109	MENOMINEE, MI	3	0010206629	WSBG652	N
T-Mobile License LLC	D26111	MIDLAND, MI	1	0010206629	WSBG653	N
T-Mobile License LLC	D26111	MIDLAND, MI	2	0010206629	WSBG654	N
T-Mobile License LLC	D26113	MISSAUKEE, MI	2	0010206629	WSBG655	N
T-Mobile License LLC	D26113	MISSAUKEE, MI	3	0010206629	WSBG656	N
T-Mobile License LLC	D26117	MONTCALM, MI	1	0010206629	WSBG657	N
T-Mobile License LLC	D26117	MONTCALM, MI	2	0010206629	WSBG658	N
T-Mobile License LLC	D26117	MONTCALM, MI	3	0010206629	WSBG659	N
T-Mobile License LLC	D26119	MONTMORENCY, MI	1	0010206629	WSBG660	N
T-Mobile License LLC	D26119	MONTMORENCY, MI	2	0010206629	WSBG661	N
T-Mobile License LLC	D26121	MUSKEGON, MI	1	0010206629	WSBG662	N
T-Mobile License LLC	D26121	MUSKEGON, MI	2	0010206629	WSBG663	N
T-Mobile License LLC	D26121	MUSKEGON, MI	3	0010206629	WSBG664	N
T-Mobile License LLC	D26123	NEWAYGO, MI	1	0010206629	WSBG665	N
T-Mobile License LLC	D26123	NEWAYGO, MI	2	0010206629	WSBG666	N
T-Mobile License LLC	D26123	NEWAYGO, MI	3	0010206629	WSBG667	N
T-Mobile License LLC	D26125	OAKLAND, MI	1	0010206629	WSBG668	N
T-Mobile License LLC	D26125	OAKLAND, MI	2	0010206629	WSBG669	N
T-Mobile License LLC	D26125	OAKLAND, MI	3	0010206629	WSBG670	N
T-Mobile License LLC	D26127	OCEANA, MI	1	0010206629	WSBG671	N
T-Mobile License LLC	D26127	OCEANA, MI	2	0010206629	WSBG672	N
T-Mobile License LLC	D26127	OCEANA, MI	3	0010206629	WSBG673	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D26129	OGEMAW, MI	2	0010206629	WSBG674	N
T-Mobile License LLC	D26131	ONTONAGON, MI	1	0010206629	WSBG675	N
T-Mobile License LLC	D26131	ONTONAGON, MI	2	0010206629	WSBG676	N
T-Mobile License LLC	D26131	ONTONAGON, MI	3	0010206629	WSBG677	N
T-Mobile License LLC	D26133	OSCEOLA, MI	2	0010206629	WSBG678	N
T-Mobile License LLC	D26133	OSCEOLA, MI	3	0010206629	WSBG679	N
T-Mobile License LLC	D26137	OTSEGO, MI	1	0010206629	WSBG680	N
T-Mobile License LLC	D26137	OTSEGO, MI	2	0010206629	WSBG681	N
T-Mobile License LLC	D26137	OTSEGO, MI	3	0010206629	WSBG682	N
T-Mobile License LLC	D26139	OTTAWA, MI	1	0010206629	WSBG683	N
T-Mobile License LLC	D26139	OTTAWA, MI	2	0010206629	WSBG684	N
T-Mobile License LLC	D26139	OTTAWA, MI	3	0010206629	WSBG685	N
T-Mobile License LLC	D26141	PRESQUE ISLE, MI	2	0010206629	WSBG686	N
T-Mobile License LLC	D26141	PRESQUE ISLE, MI	3	0010206629	WSBG687	N
T-Mobile License LLC	D26143	ROSCOMMON, MI	2	0010206629	WSBG688	N
T-Mobile License LLC	D26143	ROSCOMMON, MI	3	0010206629	WSBG689	N
T-Mobile License LLC	D26147	ST. CLAIR, MI	1	0010206629	WSBG690	N
T-Mobile License LLC	D26147	ST. CLAIR, MI	2	0010206629	WSBG691	N
T-Mobile License LLC	D26147	ST. CLAIR, MI	3	0010206629	WSBG692	N
T-Mobile License LLC	D26149	ST. JOSEPH, MI	1	0010206629	WSBG693	N
T-Mobile License LLC	D26149	ST. JOSEPH, MI	2	0010206629	WSBG694	N
T-Mobile License LLC	D26149	ST. JOSEPH, MI	3	0010206629	WSBG695	N
T-Mobile License LLC	D26151	SANILAC, MI	2	0010206629	WSBG696	N
T-Mobile License LLC	D26151	SANILAC, MI	3	0010206629	WSBG697	N
T-Mobile License LLC	D26153	SCHOOLCRAFT, MI	3	0010206629	WSBG698	N
T-Mobile License LLC	D26155	SHIAWASSEE, MI	1	0010206629	WSBG699	N
T-Mobile License LLC	D26155	SHIAWASSEE, MI	2	0010206629	WSBG700	N
T-Mobile License LLC	D26157	TUSCOLA, MI	1	0010206629	WSBG701	N
T-Mobile License LLC	D26157	TUSCOLA, MI	2	0010206629	WSBG702	N
T-Mobile License LLC	D26161	WASHTENAW, MI	1	0010206629	WSBG703	N
T-Mobile License LLC	D26161	WASHTENAW, MI	2	0010206629	WSBG704	N
T-Mobile License LLC	D26161	WASHTENAW, MI	3	0010206629	WSBG705	N
T-Mobile License LLC	D26165	WEXFORD, MI	2	0010206629	WSBG706	N
T-Mobile License LLC	D26165	WEXFORD, MI	3	0010206629	WSBG707	N
T-Mobile License LLC	D27001	AITKIN, MN	1	0010206629	WSBG708	N
T-Mobile License LLC	D27001	AITKIN, MN	2	0010206629	WSBG709	N
T-Mobile License LLC	D27001	AITKIN, MN	3	0010206629	WSBG710	N
T-Mobile License LLC	D27005	BECKER, MN	1	0010206629	WSBG711	N
T-Mobile License LLC	D27005	BECKER, MN	2	0010206629	WSBG712	N
T-Mobile License LLC	D27005	BECKER, MN	3	0010206629	WSBG713	N
T-Mobile License LLC	D27007	BELTRAMI, MN	1	0010206629	WSBG714	N
T-Mobile License LLC	D27007	BELTRAMI, MN	2	0010206629	WSBG715	N
T-Mobile License LLC	D27007	BELTRAMI, MN	3	0010206629	WSBG716	N
T-Mobile License LLC	D27009	BENTON, MN	1	0010206629	WSBG717	N
T-Mobile License LLC	D27009	BENTON, MN	2	0010206629	WSBG718	N
T-Mobile License LLC	D27009	BENTON, MN	3	0010206629	WSBG719	N
T-Mobile License LLC	D27011	BIG STONE, MN	1	0010206629	WSBG720	N
T-Mobile License LLC	D27011	BIG STONE, MN	2	0010206629	WSBG721	N
T-Mobile License LLC	D27011	BIG STONE, MN	3	0010206629	WSBG722	N
T-Mobile License LLC	D27015	BROWN, MN	1	0010206629	WSBG723	N
T-Mobile License LLC	D27015	BROWN, MN	2	0010206629	WSBG724	N
T-Mobile License LLC	D27015	BROWN, MN	3	0010206629	WSBG725	N
T-Mobile License LLC	D27017	CARLTON, MN	1	0010206629	WSBG726	N
T-Mobile License LLC	D27017	CARLTON, MN	2	0010206629	WSBG727	N
T-Mobile License LLC	D27017	CARLTON, MN	3	0010206629	WSBG728	N
T-Mobile License LLC	D27019	CARVER, MN	1	0010206629	WSBG729	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D27019	CARVER, MN	2	0010206629	WSBG730	N
T-Mobile License LLC	D27019	CARVER, MN	3	0010206629	WSBG731	N
T-Mobile License LLC	D27021	CASS, MN	1	0010206629	WSBG732	N
T-Mobile License LLC	D27021	CASS, MN	2	0010206629	WSBG733	N
T-Mobile License LLC	D27021	CASS, MN	3	0010206629	WSBG734	N
T-Mobile License LLC	D27023	CHIPPEWA, MN	1	0010206629	WSBG735	N
T-Mobile License LLC	D27023	CHIPPEWA, MN	2	0010206629	WSBG736	N
T-Mobile License LLC	D27023	CHIPPEWA, MN	3	0010206629	WSBG737	N
T-Mobile License LLC	D27025	CHISAGO, MN	1	0010206629	WSBG738	N
T-Mobile License LLC	D27025	CHISAGO, MN	2	0010206629	WSBG739	N
T-Mobile License LLC	D27025	CHISAGO, MN	3	0010206629	WSBG740	N
T-Mobile License LLC	D27027	CLAY, MN	1	0010206629	WSBG741	N
T-Mobile License LLC	D27027	CLAY, MN	2	0010206629	WSBG742	N
T-Mobile License LLC	D27029	CLEARWATER, MN	1	0010206629	WSBG743	N
T-Mobile License LLC	D27029	CLEARWATER, MN	2	0010206629	WSBG744	N
T-Mobile License LLC	D27029	CLEARWATER, MN	3	0010206629	WSBG745	N
T-Mobile License LLC	D27031	COOK, MN	1	0010206629	WSBG746	N
T-Mobile License LLC	D27031	COOK, MN	2	0010206629	WSBG747	N
T-Mobile License LLC	D27031	COOK, MN	3	0010206629	WSBG748	N
T-Mobile License LLC	D27033	COTTONWOOD, MN	2	0010206629	WSBG749	N
T-Mobile License LLC	D27033	COTTONWOOD, MN	3	0010206629	WSBG750	N
T-Mobile License LLC	D27035	CROW WING, MN	1	0010206629	WSBG751	N
T-Mobile License LLC	D27035	CROW WING, MN	2	0010206629	WSBG752	N
T-Mobile License LLC	D27035	CROW WING, MN	3	0010206629	WSBG753	N
T-Mobile License LLC	D27037	DAKOTA, MN	1	0010206629	WSBG754	N
T-Mobile License LLC	D27037	DAKOTA, MN	2	0010206629	WSBG755	N
T-Mobile License LLC	D27039	DODGE, MN	1	0010206629	WSBG756	N
T-Mobile License LLC	D27039	DODGE, MN	2	0010206629	WSBG757	N
T-Mobile License LLC	D27039	DODGE, MN	3	0010206629	WSBG758	N
T-Mobile License LLC	D27041	DOUGLAS, MN	1	0010206629	WSBG759	N
T-Mobile License LLC	D27041	DOUGLAS, MN	2	0010206629	WSBG760	N
T-Mobile License LLC	D27041	DOUGLAS, MN	3	0010206629	WSBG761	N
T-Mobile License LLC	D27043	FARIBAULT, MN	1	0010206629	WSBG762	N
T-Mobile License LLC	D27043	FARIBAULT, MN	2	0010206629	WSBG763	N
T-Mobile License LLC	D27043	FARIBAULT, MN	3	0010206629	WSBG764	N
T-Mobile License LLC	D27045	FILLMORE, MN	1	0010206629	WSBG765	N
T-Mobile License LLC	D27045	FILLMORE, MN	2	0010206629	WSBG766	N
T-Mobile License LLC	D27045	FILLMORE, MN	3	0010206629	WSBG767	N
T-Mobile License LLC	D27047	FREEBORN, MN	1	0010206629	WSBG768	N
T-Mobile License LLC	D27047	FREEBORN, MN	2	0010206629	WSBG769	N
T-Mobile License LLC	D27047	FREEBORN, MN	3	0010206629	WSBG770	N
T-Mobile License LLC	D27049	GOODHUE, MN	1	0010206629	WSBG771	N
T-Mobile License LLC	D27049	GOODHUE, MN	2	0010206629	WSBG772	N
T-Mobile License LLC	D27051	GRANT, MN	1	0010206629	WSBG773	N
T-Mobile License LLC	D27051	GRANT, MN	2	0010206629	WSBG774	N
T-Mobile License LLC	D27051	GRANT, MN	3	0010206629	WSBG775	N
T-Mobile License LLC	D27055	HOUSTON, MN	2	0010206629	WSBG776	N
T-Mobile License LLC	D27055	HOUSTON, MN	3	0010206629	WSBG777	N
T-Mobile License LLC	D27057	HUBBARD, MN	1	0010206629	WSBG778	N
T-Mobile License LLC	D27057	HUBBARD, MN	2	0010206629	WSBG779	N
T-Mobile License LLC	D27057	HUBBARD, MN	3	0010206629	WSBG780	N
T-Mobile License LLC	D27059	ISANTI, MN	1	0010206629	WSBG781	N
T-Mobile License LLC	D27059	ISANTI, MN	2	0010206629	WSBG782	N
T-Mobile License LLC	D27059	ISANTI, MN	3	0010206629	WSBG783	N
T-Mobile License LLC	D27061	ITASCA, MN	1	0010206629	WSBG784	N
T-Mobile License LLC	D27061	ITASCA, MN	2	0010206629	WSBG785	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D27061	ITASCA, MN	3	0010206629	WSBG786	N
T-Mobile License LLC	D27063	JACKSON, MN	1	0010206629	WSBG787	N
T-Mobile License LLC	D27063	JACKSON, MN	2	0010206629	WSBG788	N
T-Mobile License LLC	D27065	KANABEC, MN	1	0010206629	WSBG789	N
T-Mobile License LLC	D27065	KANABEC, MN	2	0010206629	WSBG790	N
T-Mobile License LLC	D27065	KANABEC, MN	3	0010206629	WSBG791	N
T-Mobile License LLC	D27067	KANDIYOHI, MN	1	0010206629	WSBG792	N
T-Mobile License LLC	D27067	KANDIYOHI, MN	2	0010206629	WSBG793	N
T-Mobile License LLC	D27069	KITTSON, MN	1	0010206629	WSBG794	N
T-Mobile License LLC	D27069	KITTSON, MN	2	0010206629	WSBG795	N
T-Mobile License LLC	D27069	KITTSON, MN	3	0010206629	WSBG796	N
T-Mobile License LLC	D27071	KOOCHICHING, MN	1	0010206629	WSBG797	N
T-Mobile License LLC	D27071	KOOCHICHING, MN	2	0010206629	WSBG798	N
T-Mobile License LLC	D27071	KOOCHICHING, MN	3	0010206629	WSBG799	N
T-Mobile License LLC	D27073	LAC QUI PARLE, MN	1	0010206629	WSBG800	N
T-Mobile License LLC	D27073	LAC QUI PARLE, MN	2	0010206629	WSBG801	N
T-Mobile License LLC	D27073	LAC QUI PARLE, MN	3	0010206629	WSBG802	N
T-Mobile License LLC	D27075	LAKE, MN	1	0010206629	WSBG803	N
T-Mobile License LLC	D27075	LAKE, MN	2	0010206629	WSBG804	N
T-Mobile License LLC	D27075	LAKE, MN	3	0010206629	WSBG805	N
T-Mobile License LLC	D27077	LAKE OF THE WOODS, MN	1	0010206629	WSBG806	N
T-Mobile License LLC	D27077	LAKE OF THE WOODS, MN	2	0010206629	WSBG807	N
T-Mobile License LLC	D27077	LAKE OF THE WOODS, MN	3	0010206629	WSBG808	N
T-Mobile License LLC	D27081	LINCOLN, MN	1	0010206629	WSBG809	N
T-Mobile License LLC	D27081	LINCOLN, MN	2	0010206629	WSBG810	N
T-Mobile License LLC	D27081	LINCOLN, MN	3	0010206629	WSBG811	N
T-Mobile License LLC	D27083	LYON, MN	1	0010206629	WSBG812	N
T-Mobile License LLC	D27083	LYON, MN	2	0010206629	WSBG813	N
T-Mobile License LLC	D27083	LYON, MN	3	0010206629	WSBG814	N
T-Mobile License LLC	D27085	MCLEOD, MN	1	0010206629	WSBG815	N
T-Mobile License LLC	D27085	MCLEOD, MN	2	0010206629	WSBG816	N
T-Mobile License LLC	D27085	MCLEOD, MN	3	0010206629	WSBG817	N
T-Mobile License LLC	D27087	MAHNOMEN, MN	1	0010206629	WSBG818	N
T-Mobile License LLC	D27087	MAHNOMEN, MN	2	0010206629	WSBG819	N
T-Mobile License LLC	D27087	MAHNOMEN, MN	3	0010206629	WSBG820	N
T-Mobile License LLC	D27089	MARSHALL, MN	1	0010206629	WSBG821	N
T-Mobile License LLC	D27089	MARSHALL, MN	2	0010206629	WSBG822	N
T-Mobile License LLC	D27089	MARSHALL, MN	3	0010206629	WSBG823	N
T-Mobile License LLC	D27091	MARTIN, MN	1	0010206629	WSBG824	N
T-Mobile License LLC	D27091	MARTIN, MN	2	0010206629	WSBG825	N
T-Mobile License LLC	D27093	MEEKER, MN	1	0010206629	WSBG826	N
T-Mobile License LLC	D27093	MEEKER, MN	2	0010206629	WSBG827	N
T-Mobile License LLC	D27095	MILLE LACS, MN	1	0010206629	WSBG828	N
T-Mobile License LLC	D27095	MILLE LACS, MN	2	0010206629	WSBG829	N
T-Mobile License LLC	D27095	MILLE LACS, MN	3	0010206629	WSBG830	N
T-Mobile License LLC	D27097	MORRISON, MN	1	0010206629	WSBG831	N
T-Mobile License LLC	D27097	MORRISON, MN	2	0010206629	WSBG832	N
T-Mobile License LLC	D27097	MORRISON, MN	3	0010206629	WSBG833	N
T-Mobile License LLC	D27099	MOWER, MN	1	0010206629	WSBG834	N
T-Mobile License LLC	D27099	MOWER, MN	2	0010206629	WSBG835	N
T-Mobile License LLC	D27099	MOWER, MN	3	0010206629	WSBG836	N
T-Mobile License LLC	D27101	MURRAY, MN	1	0010206629	WSBG837	N
T-Mobile License LLC	D27101	MURRAY, MN	2	0010206629	WSBG838	N
T-Mobile License LLC	D27101	MURRAY, MN	3	0010206629	WSBG839	N
T-Mobile License LLC	D27103	NICOLLET, MN	1	0010206629	WSBG840	N
T-Mobile License LLC	D27103	NICOLLET, MN	2	0010206629	WSBG841	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D27103	NICOLLET, MN	3	0010206629	WSBG842	N
T-Mobile License LLC	D27105	NOBLES, MN	1	0010206629	WSBG843	N
T-Mobile License LLC	D27105	NOBLES, MN	2	0010206629	WSBG844	N
T-Mobile License LLC	D27105	NOBLES, MN	3	0010206629	WSBG845	N
T-Mobile License LLC	D27107	NORMAN, MN	1	0010206629	WSBG846	N
T-Mobile License LLC	D27107	NORMAN, MN	2	0010206629	WSBG847	N
T-Mobile License LLC	D27107	NORMAN, MN	3	0010206629	WSBG848	N
T-Mobile License LLC	D27109	OLMSTED, MN	1	0010206629	WSBG849	N
T-Mobile License LLC	D27109	OLMSTED, MN	2	0010206629	WSBG850	N
T-Mobile License LLC	D27109	OLMSTED, MN	3	0010206629	WSBG851	N
T-Mobile License LLC	D27111	OTTER TAIL, MN	1	0010206629	WSBG852	N
T-Mobile License LLC	D27111	OTTER TAIL, MN	2	0010206629	WSBG853	N
T-Mobile License LLC	D27111	OTTER TAIL, MN	3	0010206629	WSBG854	N
T-Mobile License LLC	D27113	PENNINGTON, MN	1	0010206629	WSBG855	N
T-Mobile License LLC	D27113	PENNINGTON, MN	2	0010206629	WSBG856	N
T-Mobile License LLC	D27113	PENNINGTON, MN	3	0010206629	WSBG857	N
T-Mobile License LLC	D27115	PINE, MN	1	0010206629	WSBG858	N
T-Mobile License LLC	D27115	PINE, MN	2	0010206629	WSBG859	N
T-Mobile License LLC	D27115	PINE, MN	3	0010206629	WSBG860	N
T-Mobile License LLC	D27117	PIPESTONE, MN	1	0010206629	WSBG861	N
T-Mobile License LLC	D27117	PIPESTONE, MN	2	0010206629	WSBG862	N
T-Mobile License LLC	D27117	PIPESTONE, MN	3	0010206629	WSBG863	N
T-Mobile License LLC	D27119	POLK, MN	1	0010206629	WSBG864	N
T-Mobile License LLC	D27119	POLK, MN	2	0010206629	WSBG865	N
T-Mobile License LLC	D27119	POLK, MN	3	0010206629	WSBG866	N
T-Mobile License LLC	D27121	POPE, MN	1	0010206629	WSBG867	N
T-Mobile License LLC	D27121	POPE, MN	2	0010206629	WSBG868	N
T-Mobile License LLC	D27121	POPE, MN	3	0010206629	WSBG869	N
T-Mobile License LLC	D27125	RED LAKE, MN	1	0010206629	WSBG870	N
T-Mobile License LLC	D27125	RED LAKE, MN	2	0010206629	WSBG871	N
T-Mobile License LLC	D27125	RED LAKE, MN	3	0010206629	WSBG872	N
T-Mobile License LLC	D27127	REDWOOD, MN	1	0010206629	WSBG873	N
T-Mobile License LLC	D27127	REDWOOD, MN	2	0010206629	WSBG874	N
T-Mobile License LLC	D27127	REDWOOD, MN	3	0010206629	WSBG875	N
T-Mobile License LLC	D27129	RENVILLE, MN	1	0010206629	WSBG876	N
T-Mobile License LLC	D27129	RENVILLE, MN	2	0010206629	WSBG877	N
T-Mobile License LLC	D27129	RENVILLE, MN	3	0010206629	WSBG878	N
T-Mobile License LLC	D27131	RICE, MN	1	0010206629	WSBG879	N
T-Mobile License LLC	D27131	RICE, MN	2	0010206629	WSBG880	N
T-Mobile License LLC	D27131	RICE, MN	3	0010206629	WSBG881	N
T-Mobile License LLC	D27133	ROCK, MN	1	0010206629	WSBG882	N
T-Mobile License LLC	D27133	ROCK, MN	2	0010206629	WSBG883	N
T-Mobile License LLC	D27133	ROCK, MN	3	0010206629	WSBG884	N
T-Mobile License LLC	D27135	ROSEAU, MN	1	0010206629	WSBG885	N
T-Mobile License LLC	D27135	ROSEAU, MN	2	0010206629	WSBG886	N
T-Mobile License LLC	D27135	ROSEAU, MN	3	0010206629	WSBG887	N
T-Mobile License LLC	D27137	ST. LOUIS, MN	1	0010206629	WSBG888	N
T-Mobile License LLC	D27137	ST. LOUIS, MN	2	0010206629	WSBG889	N
T-Mobile License LLC	D27137	ST. LOUIS, MN	3	0010206629	WSBG890	N
T-Mobile License LLC	D27139	SCOTT, MN	1	0010206629	WSBG891	N
T-Mobile License LLC	D27139	SCOTT, MN	2	0010206629	WSBG892	N
T-Mobile License LLC	D27139	SCOTT, MN	3	0010206629	WSBG893	N
T-Mobile License LLC	D27141	SHERBURNE, MN	1	0010206629	WSBG894	N
T-Mobile License LLC	D27141	SHERBURNE, MN	2	0010206629	WSBG895	N
T-Mobile License LLC	D27143	SIBLEY, MN	1	0010206629	WSBG896	N
T-Mobile License LLC	D27143	SIBLEY, MN	2	0010206629	WSBG897	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D27143	SIBLEY, MN	3	0010206629	WSBG898	N
T-Mobile License LLC	D27145	STEARNS, MN	1	0010206629	WSBG899	N
T-Mobile License LLC	D27145	STEARNS, MN	2	0010206629	WSBG900	N
T-Mobile License LLC	D27147	STEELE, MN	1	0010206629	WSBG901	N
T-Mobile License LLC	D27147	STEELE, MN	2	0010206629	WSBG902	N
T-Mobile License LLC	D27147	STEELE, MN	3	0010206629	WSBG903	N
T-Mobile License LLC	D27149	STEVENS, MN	1	0010206629	WSBG904	N
T-Mobile License LLC	D27149	STEVENS, MN	2	0010206629	WSBG905	N
T-Mobile License LLC	D27149	STEVENS, MN	3	0010206629	WSBG906	N
T-Mobile License LLC	D27151	SWIFT, MN	1	0010206629	WSBG907	N
T-Mobile License LLC	D27151	SWIFT, MN	2	0010206629	WSBG908	N
T-Mobile License LLC	D27151	SWIFT, MN	3	0010206629	WSBG909	N
T-Mobile License LLC	D27153	TODD, MN	2	0010206629	WSBG910	N
T-Mobile License LLC	D27153	TODD, MN	3	0010206629	WSBG911	N
T-Mobile License LLC	D27155	TRAVERSE, MN	1	0010206629	WSBG912	N
T-Mobile License LLC	D27155	TRAVERSE, MN	2	0010206629	WSBG913	N
T-Mobile License LLC	D27155	TRAVERSE, MN	3	0010206629	WSBG914	N
T-Mobile License LLC	D27157	WABASHA, MN	1	0010206629	WSBG915	N
T-Mobile License LLC	D27157	WABASHA, MN	2	0010206629	WSBG916	N
T-Mobile License LLC	D27157	WABASHA, MN	3	0010206629	WSBG917	N
T-Mobile License LLC	D27159	WADENA, MN	1	0010206629	WSBG918	N
T-Mobile License LLC	D27159	WADENA, MN	2	0010206629	WSBG919	N
T-Mobile License LLC	D27159	WADENA, MN	3	0010206629	WSBG920	N
T-Mobile License LLC	D27161	WASECA, MN	1	0010206629	WSBG921	N
T-Mobile License LLC	D27161	WASECA, MN	2	0010206629	WSBG922	N
T-Mobile License LLC	D27161	WASECA, MN	3	0010206629	WSBG923	N
T-Mobile License LLC	D27165	WATONWAN, MN	2	0010206629	WSBG924	N
T-Mobile License LLC	D27165	WATONWAN, MN	3	0010206629	WSBG925	N
T-Mobile License LLC	D27167	WILKIN, MN	1	0010206629	WSBG926	N
T-Mobile License LLC	D27167	WILKIN, MN	2	0010206629	WSBG927	N
T-Mobile License LLC	D27167	WILKIN, MN	3	0010206629	WSBG928	N
T-Mobile License LLC	D27169	WINONA, MN	1	0010206629	WSBG929	N
T-Mobile License LLC	D27169	WINONA, MN	2	0010206629	WSBG930	N
T-Mobile License LLC	D27169	WINONA, MN	3	0010206629	WSBG931	N
T-Mobile License LLC	D27171	WRIGHT, MN	1	0010206629	WSBG932	N
T-Mobile License LLC	D27171	WRIGHT, MN	2	0010206629	WSBG933	N
T-Mobile License LLC	D27173	YELLOW MEDICINE, MN	1	0010206629	WSBG934	N
T-Mobile License LLC	D27173	YELLOW MEDICINE, MN	2	0010206629	WSBG935	N
T-Mobile License LLC	D27173	YELLOW MEDICINE, MN	3	0010206629	WSBG936	N
T-Mobile License LLC	D28001	ADAMS, MS	1	0010206629	WSBG937	N
T-Mobile License LLC	D28003	ALCORN, MS	2	0010206629	WSBG938	N
T-Mobile License LLC	D28003	ALCORN, MS	3	0010206629	WSBG939	N
T-Mobile License LLC	D28009	BENTON, MS	2	0010206629	WSBG940	N
T-Mobile License LLC	D28009	BENTON, MS	3	0010206629	WSBG941	N
T-Mobile License LLC	D28011	BOLIVAR, MS	2	0010206629	WSBG942	N
T-Mobile License LLC	D28011	BOLIVAR, MS	3	0010206629	WSBG943	N
T-Mobile License LLC	D28015	CARROLL, MS	1	0010206629	WSBG944	N
T-Mobile License LLC	D28015	CARROLL, MS	2	0010206629	WSBG945	N
T-Mobile License LLC	D28015	CARROLL, MS	3	0010206629	WSBG946	N
T-Mobile License LLC	D28017	CHICKASAW, MS	1	0010206629	WSBG947	N
T-Mobile License LLC	D28017	CHICKASAW, MS	2	0010206629	WSBG948	N
T-Mobile License LLC	D28017	CHICKASAW, MS	3	0010206629	WSBG949	N
T-Mobile License LLC	D28021	CLAIBORNE, MS	2	0010206629	WSBG950	N
T-Mobile License LLC	D28021	CLAIBORNE, MS	3	0010206629	WSBG951	N
T-Mobile License LLC	D28027	COAHOMA, MS	1	0010206629	WSBG952	N
T-Mobile License LLC	D28027	COAHOMA, MS	3	0010206629	WSBG953	N

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T-Mobile License LLC	D28029	COPIAH, MS	1	0010206629	WSBG954	N
T-Mobile License LLC	D28029	COPIAH, MS	2	0010206629	WSBG955	N
T-Mobile License LLC	D28029	COPIAH, MS	3	0010206629	WSBG956	N
T-Mobile License LLC	D28031	COVINGTON, MS	1	0010206629	WSBG957	N
T-Mobile License LLC	D28031	COVINGTON, MS	2	0010206629	WSBG958	N
T-Mobile License LLC	D28031	COVINGTON, MS	3	0010206629	WSBG959	N
T-Mobile License LLC	D28039	GEORGE, MS	1	0010206629	WSBG960	N
T-Mobile License LLC	D28039	GEORGE, MS	2	0010206629	WSBG961	N
T-Mobile License LLC	D28041	GREENE, MS	2	0010206629	WSBG962	N
T-Mobile License LLC	D28041	GREENE, MS	3	0010206629	WSBG963	N
T-Mobile License LLC	D28043	GRENADA, MS	2	0010206629	WSBG964	N
T-Mobile License LLC	D28043	GRENADA, MS	3	0010206629	WSBG965	N
T-Mobile License LLC	D28045	HANCOCK, MS	1	0010206629	WSBG966	N
T-Mobile License LLC	D28045	HANCOCK, MS	3	0010206629	WSBG967	N
T-Mobile License LLC	D28047	HARRISON, MS	3	0010206629	WSBG968	N
T-Mobile License LLC	D28051	HOLMES, MS	1	0010206629	WSBG969	N
T-Mobile License LLC	D28051	HOLMES, MS	2	0010206629	WSBG970	N
T-Mobile License LLC	D28055	ISSAQUENA, MS	3	0010206629	WSBG971	N
T-Mobile License LLC	D28059	JACKSON, MS	1	0010206629	WSBG972	N
T-Mobile License LLC	D28059	JACKSON, MS	3	0010206629	WSBG973	N
T-Mobile License LLC	D28061	JASPER, MS	2	0010206629	WSBG974	N
T-Mobile License LLC	D28061	JASPER, MS	3	0010206629	WSBG975	N
T-Mobile License LLC	D28063	JEFFERSON, MS	1	0010206629	WSBG976	N
T-Mobile License LLC	D28063	JEFFERSON, MS	2	0010206629	WSBG977	N
T-Mobile License LLC	D28063	JEFFERSON, MS	3	0010206629	WSBG978	N
T-Mobile License LLC	D28065	JEFFERSON DAVIS, MS	2	0010206629	WSBG979	N
T-Mobile License LLC	D28065	JEFFERSON DAVIS, MS	3	0010206629	WSBG980	N
T-Mobile License LLC	D28069	KEMPER, MS	1	0010206629	WSBG981	N
T-Mobile License LLC	D28069	KEMPER, MS	2	0010206629	WSBG982	N
T-Mobile License LLC	D28069	KEMPER, MS	3	0010206629	WSBG983	N
T-Mobile License LLC	D28073	LAMAR, MS	3	0010206629	WSBG984	N
T-Mobile License LLC	D28077	LAWRENCE, MS	2	0010206629	WSBG985	N
T-Mobile License LLC	D28077	LAWRENCE, MS	3	0010206629	WSBG986	N
T-Mobile License LLC	D28079	LEAKE, MS	1	0010206629	WSBG987	N
T-Mobile License LLC	D28079	LEAKE, MS	2	0010206629	WSBG988	N
T-Mobile License LLC	D28079	LEAKE, MS	3	0010206629	WSBG989	N
T-Mobile License LLC	D28083	LEFLORE, MS	1	0010206629	WSBG990	N
T-Mobile License LLC	D28083	LEFLORE, MS	2	0010206629	WSBG991	N
T-Mobile License LLC	D28083	LEFLORE, MS	3	0010206629	WSBG992	N
T-Mobile License LLC	D28085	LINCOLN, MS	1	0010206629	WSBG993	N
T-Mobile License LLC	D28085	LINCOLN, MS	2	0010206629	WSBG994	N
T-Mobile License LLC	D28085	LINCOLN, MS	3	0010206629	WSBG995	N
T-Mobile License LLC	D28091	MARION, MS	1	0010206629	WSBG996	N
T-Mobile License LLC	D28091	MARION, MS	3	0010206629	WSBG997	N
T-Mobile License LLC	D28093	MARSHALL, MS	1	0010206629	WSBG998	N
T-Mobile License LLC	D28093	MARSHALL, MS	2	0010206629	WSBG999	N
T-Mobile License LLC	D28093	MARSHALL, MS	3	0010206629	WSBH200	N
T-Mobile License LLC	D28095	MONROE, MS	1	0010206629	WSBH201	N
T-Mobile License LLC	D28095	MONROE, MS	2	0010206629	WSBH202	N
T-Mobile License LLC	D28095	MONROE, MS	3	0010206629	WSBH203	N
T-Mobile License LLC	D28099	NESHOBA, MS	1	0010206629	WSBH204	N
T-Mobile License LLC	D28099	NESHOBA, MS	3	0010206629	WSBH205	N
T-Mobile License LLC	D28101	NEWTON, MS	2	0010206629	WSBH206	N
T-Mobile License LLC	D28101	NEWTON, MS	3	0010206629	WSBH207	N
T-Mobile License LLC	D28109	PEARL RIVER, MS	3	0010206629	WSBH208	N
T-Mobile License LLC	D28117	PRENTISS, MS	1	0010206629	WSBH209	N

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T-Mobile License LLC	D28117	PRENTISS, MS	2	0010206629	WSBH210	N
T-Mobile License LLC	D28117	PRENTISS, MS	3	0010206629	WSBH211	N
T-Mobile License LLC	D28119	QUITMAN, MS	3	0010206629	WSBH212	N
T-Mobile License LLC	D28121	RANKIN, MS	1	0010206629	WSBH213	N
T-Mobile License LLC	D28121	RANKIN, MS	2	0010206629	WSBH214	N
T-Mobile License LLC	D28121	RANKIN, MS	3	0010206629	WSBH215	N
T-Mobile License LLC	D28123	SCOTT, MS	2	0010206629	WSBH216	N
T-Mobile License LLC	D28123	SCOTT, MS	3	0010206629	WSBH217	N
T-Mobile License LLC	D28125	SHARKEY, MS	2	0010206629	WSBH218	N
T-Mobile License LLC	D28125	SHARKEY, MS	3	0010206629	WSBH219	N
T-Mobile License LLC	D28127	SIMPSON, MS	3	0010206629	WSBH220	N
T-Mobile License LLC	D28129	SMITH, MS	2	0010206629	WSBH221	N
T-Mobile License LLC	D28129	SMITH, MS	3	0010206629	WSBH222	N
T-Mobile License LLC	D28133	SUNFLOWER, MS	3	0010206629	WSBH223	N
T-Mobile License LLC	D28135	TALLAHATCHIE, MS	2	0010206629	WSBH224	N
T-Mobile License LLC	D28135	TALLAHATCHIE, MS	3	0010206629	WSBH225	N
T-Mobile License LLC	D28137	TATE, MS	1	0010206629	WSBH226	N
T-Mobile License LLC	D28137	TATE, MS	2	0010206629	WSBH227	N
T-Mobile License LLC	D28137	TATE, MS	3	0010206629	WSBH228	N
T-Mobile License LLC	D28139	TIPPAH, MS	1	0010206629	WSBH229	N
T-Mobile License LLC	D28139	TIPPAH, MS	2	0010206629	WSBH230	N
T-Mobile License LLC	D28139	TIPPAH, MS	3	0010206629	WSBH231	N
T-Mobile License LLC	D28141	TISHOMINGO, MS	1	0010206629	WSBH232	N
T-Mobile License LLC	D28141	TISHOMINGO, MS	2	0010206629	WSBH233	N
T-Mobile License LLC	D28141	TISHOMINGO, MS	3	0010206629	WSBH234	N
T-Mobile License LLC	D28143	TUNICA, MS	1	0010206629	WSBH235	N
T-Mobile License LLC	D28143	TUNICA, MS	2	0010206629	WSBH236	N
T-Mobile License LLC	D28143	TUNICA, MS	3	0010206629	WSBH237	N
T-Mobile License LLC	D28147	WALTHALL, MS	1	0010206629	WSBH238	N
T-Mobile License LLC	D28147	WALTHALL, MS	2	0010206629	WSBH239	N
T-Mobile License LLC	D28147	WALTHALL, MS	3	0010206629	WSBH240	N
T-Mobile License LLC	D28149	WARREN, MS	2	0010206629	WSBH241	N
T-Mobile License LLC	D28149	WARREN, MS	3	0010206629	WSBH242	N
T-Mobile License LLC	D28151	WASHINGTON, MS	1	0010206629	WSBH243	N
T-Mobile License LLC	D28151	WASHINGTON, MS	2	0010206629	WSBH244	N
T-Mobile License LLC	D28151	WASHINGTON, MS	3	0010206629	WSBH245	N
T-Mobile License LLC	D28153	WAYNE, MS	3	0010206629	WSBH246	N
T-Mobile License LLC	D28157	WILKINSON, MS	1	0010206629	WSBH247	N
T-Mobile License LLC	D28157	WILKINSON, MS	2	0010206629	WSBH248	N
T-Mobile License LLC	D28157	WILKINSON, MS	3	0010206629	WSBH249	N
T-Mobile License LLC	D28159	WINSTON, MS	1	0010206629	WSBH250	N
T-Mobile License LLC	D28159	WINSTON, MS	2	0010206629	WSBH251	N
T-Mobile License LLC	D28159	WINSTON, MS	3	0010206629	WSBH252	N
T-Mobile License LLC	D28163	YAZOO, MS	1	0010206629	WSBH253	N
T-Mobile License LLC	D28163	YAZOO, MS	3	0010206629	WSBH254	N
T-Mobile License LLC	D29001	ADAIR, MO	2	0010206629	WSBH255	N
T-Mobile License LLC	D29001	ADAIR, MO	3	0010206629	WSBH256	N
T-Mobile License LLC	D29003	ANDREW, MO	1	0010206629	WSBH257	N
T-Mobile License LLC	D29003	ANDREW, MO	2	0010206629	WSBH258	N
T-Mobile License LLC	D29003	ANDREW, MO	3	0010206629	WSBH259	N
T-Mobile License LLC	D29005	ATCHISON, MO	1	0010206629	WSBH260	N
T-Mobile License LLC	D29005	ATCHISON, MO	2	0010206629	WSBH261	N
T-Mobile License LLC	D29007	AUDRAIN, MO	1	0010206629	WSBH262	N
T-Mobile License LLC	D29007	AUDRAIN, MO	2	0010206629	WSBH263	N
T-Mobile License LLC	D29007	AUDRAIN, MO	3	0010206629	WSBH264	N
T-Mobile License LLC	D29009	BARRY, MO	1	0010206629	WSBH265	N

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T-Mobile License LLC	D29009	BARRY, MO	2	0010206629	WSBH266	N
T-Mobile License LLC	D29009	BARRY, MO	3	0010206629	WSBH267	N
T-Mobile License LLC	D29011	BARTON, MO	1	0010206629	WSBH268	N
T-Mobile License LLC	D29011	BARTON, MO	2	0010206629	WSBH269	N
T-Mobile License LLC	D29011	BARTON, MO	3	0010206629	WSBH270	N
T-Mobile License LLC	D29013	BATES, MO	1	0010206629	WSBH271	N
T-Mobile License LLC	D29013	BATES, MO	2	0010206629	WSBH272	N
T-Mobile License LLC	D29015	BENTON, MO	1	0010206629	WSBH273	N
T-Mobile License LLC	D29015	BENTON, MO	2	0010206629	WSBH274	N
T-Mobile License LLC	D29017	BOLLINGER, MO	1	0010206629	WSBH275	N
T-Mobile License LLC	D29017	BOLLINGER, MO	2	0010206629	WSBH276	N
T-Mobile License LLC	D29017	BOLLINGER, MO	3	0010206629	WSBH277	N
T-Mobile License LLC	D29019	BOONE, MO	1	0010206629	WSBH278	N
T-Mobile License LLC	D29019	BOONE, MO	2	0010206629	WSBH279	N
T-Mobile License LLC	D29019	BOONE, MO	3	0010206629	WSBH280	N
T-Mobile License LLC	D29023	BUTLER, MO	1	0010206629	WSBH281	N
T-Mobile License LLC	D29023	BUTLER, MO	2	0010206629	WSBH282	N
T-Mobile License LLC	D29023	BUTLER, MO	3	0010206629	WSBH283	N
T-Mobile License LLC	D29025	CALDWELL, MO	1	0010206629	WSBH284	N
T-Mobile License LLC	D29025	CALDWELL, MO	2	0010206629	WSBH285	N
T-Mobile License LLC	D29025	CALDWELL, MO	3	0010206629	WSBH286	N
T-Mobile License LLC	D29027	CALLAWAY, MO	1	0010206629	WSBH287	N
T-Mobile License LLC	D29027	CALLAWAY, MO	2	0010206629	WSBH288	N
T-Mobile License LLC	D29027	CALLAWAY, MO	3	0010206629	WSBH289	N
T-Mobile License LLC	D29029	CAMDEN, MO	1	0010206629	WSBH290	N
T-Mobile License LLC	D29029	CAMDEN, MO	2	0010206629	WSBH291	N
T-Mobile License LLC	D29029	CAMDEN, MO	3	0010206629	WSBH292	N
T-Mobile License LLC	D29031	CAPE GIRARDEAU, MO	1	0010206629	WSBH293	N
T-Mobile License LLC	D29031	CAPE GIRARDEAU, MO	2	0010206629	WSBH294	N
T-Mobile License LLC	D29031	CAPE GIRARDEAU, MO	3	0010206629	WSBH295	N
T-Mobile License LLC	D29033	CARROLL, MO	3	0010206629	WSBH296	N
T-Mobile License LLC	D29035	CARTER, MO	1	0010206629	WSBH297	N
T-Mobile License LLC	D29035	CARTER, MO	2	0010206629	WSBH298	N
T-Mobile License LLC	D29035	CARTER, MO	3	0010206629	WSBH299	N
T-Mobile License LLC	D29037	CASS, MO	2	0010206629	WSBH300	N
T-Mobile License LLC	D29037	CASS, MO	3	0010206629	WSBH301	N
T-Mobile License LLC	D29039	CEDAR, MO	2	0010206629	WSBH302	N
T-Mobile License LLC	D29039	CEDAR, MO	3	0010206629	WSBH303	N
T-Mobile License LLC	D29041	CHARITON, MO	2	0010206629	WSBH304	N
T-Mobile License LLC	D29041	CHARITON, MO	3	0010206629	WSBH305	N
T-Mobile License LLC	D29043	CHRISTIAN, MO	2	0010206629	WSBH306	N
T-Mobile License LLC	D29043	CHRISTIAN, MO	3	0010206629	WSBH307	N
T-Mobile License LLC	D29045	CLARK, MO	2	0010206629	WSBH308	N
T-Mobile License LLC	D29045	CLARK, MO	3	0010206629	WSBH309	N
T-Mobile License LLC	D29051	COLE, MO	1	0010206629	WSBH310	N
T-Mobile License LLC	D29051	COLE, MO	2	0010206629	WSBH311	N
T-Mobile License LLC	D29051	COLE, MO	3	0010206629	WSBH312	N
T-Mobile License LLC	D29053	COOPER, MO	1	0010206629	WSBH313	N
T-Mobile License LLC	D29053	COOPER, MO	2	0010206629	WSBH314	N
T-Mobile License LLC	D29055	CRAWFORD, MO	1	0010206629	WSBH315	N
T-Mobile License LLC	D29055	CRAWFORD, MO	2	0010206629	WSBH316	N
T-Mobile License LLC	D29055	CRAWFORD, MO	3	0010206629	WSBH317	N
T-Mobile License LLC	D29057	DADE, MO	1	0010206629	WSBH318	N
T-Mobile License LLC	D29057	DADE, MO	2	0010206629	WSBH319	N
T-Mobile License LLC	D29057	DADE, MO	3	0010206629	WSBH320	N
T-Mobile License LLC	D29059	DALLAS, MO	1	0010206629	WSBH321	N

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T-Mobile License LLC	D29059	DALLAS, MO	2	0010206629	WSBH322	N
T-Mobile License LLC	D29059	DALLAS, MO	3	0010206629	WSBH323	N
T-Mobile License LLC	D29061	DAVIESS, MO	1	0010206629	WSBH324	N
T-Mobile License LLC	D29061	DAVIESS, MO	2	0010206629	WSBH325	N
T-Mobile License LLC	D29061	DAVIESS, MO	3	0010206629	WSBH326	N
T-Mobile License LLC	D29065	DENT, MO	1	0010206629	WSBH327	N
T-Mobile License LLC	D29065	DENT, MO	2	0010206629	WSBH328	N
T-Mobile License LLC	D29065	DENT, MO	3	0010206629	WSBH329	N
T-Mobile License LLC	D29067	DOUGLAS, MO	1	0010206629	WSBH330	N
T-Mobile License LLC	D29067	DOUGLAS, MO	2	0010206629	WSBH331	N
T-Mobile License LLC	D29067	DOUGLAS, MO	3	0010206629	WSBH332	N
T-Mobile License LLC	D29069	DUNKLIN, MO	1	0010206629	WSBH333	N
T-Mobile License LLC	D29069	DUNKLIN, MO	2	0010206629	WSBH334	N
T-Mobile License LLC	D29069	DUNKLIN, MO	3	0010206629	WSBH335	N
T-Mobile License LLC	D29071	FRANKLIN, MO	1	0010206629	WSBH336	N
T-Mobile License LLC	D29071	FRANKLIN, MO	2	0010206629	WSBH337	N
T-Mobile License LLC	D29071	FRANKLIN, MO	3	0010206629	WSBH338	N
T-Mobile License LLC	D29073	GASCONADE, MO	1	0010206629	WSBH339	N
T-Mobile License LLC	D29073	GASCONADE, MO	2	0010206629	WSBH340	N
T-Mobile License LLC	D29073	GASCONADE, MO	3	0010206629	WSBH341	N
T-Mobile License LLC	D29075	GENTRY, MO	1	0010206629	WSBH342	N
T-Mobile License LLC	D29075	GENTRY, MO	2	0010206629	WSBH343	N
T-Mobile License LLC	D29075	GENTRY, MO	3	0010206629	WSBH344	N
T-Mobile License LLC	D29077	GREENE, MO	2	0010206629	WSBH345	N
T-Mobile License LLC	D29077	GREENE, MO	3	0010206629	WSBH346	N
T-Mobile License LLC	D29079	GRUNDY, MO	2	0010206629	WSBH347	N
T-Mobile License LLC	D29079	GRUNDY, MO	3	0010206629	WSBH348	N
T-Mobile License LLC	D29081	HARRISON, MO	2	0010206629	WSBH349	N
T-Mobile License LLC	D29081	HARRISON, MO	3	0010206629	WSBH350	N
T-Mobile License LLC	D29083	HENRY, MO	2	0010206629	WSBH351	N
T-Mobile License LLC	D29083	HENRY, MO	3	0010206629	WSBH352	N
T-Mobile License LLC	D29085	HICKORY, MO	1	0010206629	WSBH353	N
T-Mobile License LLC	D29085	HICKORY, MO	2	0010206629	WSBH354	N
T-Mobile License LLC	D29085	HICKORY, MO	3	0010206629	WSBH355	N
T-Mobile License LLC	D29087	HOLT, MO	1	0010206629	WSBH356	N
T-Mobile License LLC	D29087	HOLT, MO	2	0010206629	WSBH357	N
T-Mobile License LLC	D29089	HOWARD, MO	1	0010206629	WSBH358	N
T-Mobile License LLC	D29089	HOWARD, MO	2	0010206629	WSBH359	N
T-Mobile License LLC	D29089	HOWARD, MO	3	0010206629	WSBH360	N
T-Mobile License LLC	D29091	HOWELL, MO	2	0010206629	WSBH361	N
T-Mobile License LLC	D29091	HOWELL, MO	3	0010206629	WSBH362	N
T-Mobile License LLC	D29093	IRON, MO	1	0010206629	WSBH363	N
T-Mobile License LLC	D29093	IRON, MO	2	0010206629	WSBH364	N
T-Mobile License LLC	D29093	IRON, MO	3	0010206629	WSBH365	N
T-Mobile License LLC	D29099	JEFFERSON, MO	1	0010206629	WSBH366	N
T-Mobile License LLC	D29099	JEFFERSON, MO	2	0010206629	WSBH367	N
T-Mobile License LLC	D29099	JEFFERSON, MO	3	0010206629	WSBH368	N
T-Mobile License LLC	D29101	JOHNSON, MO	1	0010206629	WSBH369	N
T-Mobile License LLC	D29101	JOHNSON, MO	2	0010206629	WSBH370	N
T-Mobile License LLC	D29101	JOHNSON, MO	3	0010206629	WSBH371	N
T-Mobile License LLC	D29103	KNOX, MO	2	0010206629	WSBH372	N
T-Mobile License LLC	D29103	KNOX, MO	3	0010206629	WSBH373	N
T-Mobile License LLC	D29105	LACLEDE, MO	1	0010206629	WSBH374	N
T-Mobile License LLC	D29105	LACLEDE, MO	2	0010206629	WSBH375	N
T-Mobile License LLC	D29105	LACLEDE, MO	3	0010206629	WSBH376	N
T-Mobile License LLC	D29109	LAWRENCE, MO	1	0010206629	WSBH377	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D29109	LAWRENCE, MO	2	0010206629	WSBH378	N
T-Mobile License LLC	D29109	LAWRENCE, MO	3	0010206629	WSBH379	N
T-Mobile License LLC	D29111	LEWIS, MO	2	0010206629	WSBH380	N
T-Mobile License LLC	D29113	LINCOLN, MO	2	0010206629	WSBH381	N
T-Mobile License LLC	D29113	LINCOLN, MO	3	0010206629	WSBH382	N
T-Mobile License LLC	D29115	LINN, MO	1	0010206629	WSBH383	N
T-Mobile License LLC	D29115	LINN, MO	2	0010206629	WSBH384	N
T-Mobile License LLC	D29117	LIVINGSTON, MO	2	0010206629	WSBH385	N
T-Mobile License LLC	D29117	LIVINGSTON, MO	3	0010206629	WSBH386	N
T-Mobile License LLC	D29119	MCDONALD, MO	1	0010206629	WSBH387	N
T-Mobile License LLC	D29119	MCDONALD, MO	2	0010206629	WSBH388	N
T-Mobile License LLC	D29119	MCDONALD, MO	3	0010206629	WSBH389	N
T-Mobile License LLC	D29121	MACON, MO	2	0010206629	WSBH390	N
T-Mobile License LLC	D29121	MACON, MO	3	0010206629	WSBH391	N
T-Mobile License LLC	D29123	MADISON, MO	1	0010206629	WSBH392	N
T-Mobile License LLC	D29123	MADISON, MO	2	0010206629	WSBH393	N
T-Mobile License LLC	D29123	MADISON, MO	3	0010206629	WSBH394	N
T-Mobile License LLC	D29125	MARIES, MO	1	0010206629	WSBH395	N
T-Mobile License LLC	D29125	MARIES, MO	2	0010206629	WSBH396	N
T-Mobile License LLC	D29125	MARIES, MO	3	0010206629	WSBH397	N
T-Mobile License LLC	D29127	MARION, MO	2	0010206629	WSBH398	N
T-Mobile License LLC	D29129	MERCER, MO	2	0010206629	WSBH399	N
T-Mobile License LLC	D29129	MERCER, MO	3	0010206629	WSBH400	N
T-Mobile License LLC	D29131	MILLER, MO	1	0010206629	WSBH401	N
T-Mobile License LLC	D29131	MILLER, MO	2	0010206629	WSBH402	N
T-Mobile License LLC	D29131	MILLER, MO	3	0010206629	WSBH403	N
T-Mobile License LLC	D29135	MONITEAU, MO	1	0010206629	WSBH404	N
T-Mobile License LLC	D29135	MONITEAU, MO	2	0010206629	WSBH405	N
T-Mobile License LLC	D29137	MONROE, MO	2	0010206629	WSBH406	N
T-Mobile License LLC	D29141	MORGAN, MO	1	0010206629	WSBH407	N
T-Mobile License LLC	D29141	MORGAN, MO	2	0010206629	WSBH408	N
T-Mobile License LLC	D29141	MORGAN, MO	3	0010206629	WSBH409	N
T-Mobile License LLC	D29143	NEW MADRID, MO	1	0010206629	WSBH410	N
T-Mobile License LLC	D29143	NEW MADRID, MO	2	0010206629	WSBH411	N
T-Mobile License LLC	D29143	NEW MADRID, MO	3	0010206629	WSBH412	N
T-Mobile License LLC	D29145	NEWTON, MO	1	0010206629	WSBH413	N
T-Mobile License LLC	D29145	NEWTON, MO	2	0010206629	WSBH414	N
T-Mobile License LLC	D29147	NODAWAY, MO	1	0010206629	WSBH415	N
T-Mobile License LLC	D29147	NODAWAY, MO	2	0010206629	WSBH416	N
T-Mobile License LLC	D29149	OREGON, MO	1	0010206629	WSBH417	N
T-Mobile License LLC	D29149	OREGON, MO	2	0010206629	WSBH418	N
T-Mobile License LLC	D29149	OREGON, MO	3	0010206629	WSBH419	N
T-Mobile License LLC	D29151	OSAGE, MO	1	0010206629	WSBH420	N
T-Mobile License LLC	D29151	OSAGE, MO	2	0010206629	WSBH421	N
T-Mobile License LLC	D29151	OSAGE, MO	3	0010206629	WSBH422	N
T-Mobile License LLC	D29153	OZARK, MO	1	0010206629	WSBH423	N
T-Mobile License LLC	D29153	OZARK, MO	2	0010206629	WSBH424	N
T-Mobile License LLC	D29153	OZARK, MO	3	0010206629	WSBH425	N
T-Mobile License LLC	D29155	PEMISCOT, MO	1	0010206629	WSBH426	N
T-Mobile License LLC	D29155	PEMISCOT, MO	2	0010206629	WSBH427	N
T-Mobile License LLC	D29155	PEMISCOT, MO	3	0010206629	WSBH428	N
T-Mobile License LLC	D29157	PERRY, MO	2	0010206629	WSBH429	N
T-Mobile License LLC	D29157	PERRY, MO	3	0010206629	WSBH430	N
T-Mobile License LLC	D29161	PHELPS, MO	1	0010206629	WSBH431	N
T-Mobile License LLC	D29161	PHELPS, MO	2	0010206629	WSBH432	N
T-Mobile License LLC	D29161	PHELPS, MO	3	0010206629	WSBH433	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D29163	PIKE, MO	1	0010206629	WSBH434	N
T-Mobile License LLC	D29163	PIKE, MO	2	0010206629	WSBH435	N
T-Mobile License LLC	D29163	PIKE, MO	3	0010206629	WSBH436	N
T-Mobile License LLC	D29167	POLK, MO	1	0010206629	WSBH437	N
T-Mobile License LLC	D29167	POLK, MO	2	0010206629	WSBH438	N
T-Mobile License LLC	D29167	POLK, MO	3	0010206629	WSBH439	N
T-Mobile License LLC	D29169	PULASKI, MO	1	0010206629	WSBH440	N
T-Mobile License LLC	D29169	PULASKI, MO	2	0010206629	WSBH441	N
T-Mobile License LLC	D29169	PULASKI, MO	3	0010206629	WSBH442	N
T-Mobile License LLC	D29171	PUTNAM, MO	2	0010206629	WSBH443	N
T-Mobile License LLC	D29171	PUTNAM, MO	3	0010206629	WSBH444	N
T-Mobile License LLC	D29173	RALLS, MO	1	0010206629	WSBH445	N
T-Mobile License LLC	D29173	RALLS, MO	2	0010206629	WSBH446	N
T-Mobile License LLC	D29173	RALLS, MO	3	0010206629	WSBH447	N
T-Mobile License LLC	D29175	RANDOLPH, MO	2	0010206629	WSBH448	N
T-Mobile License LLC	D29175	RANDOLPH, MO	3	0010206629	WSBH449	N
T-Mobile License LLC	D29177	RAY, MO	2	0010206629	WSBH450	N
T-Mobile License LLC	D29177	RAY, MO	3	0010206629	WSBH451	N
T-Mobile License LLC	D29179	REYNOLDS, MO	1	0010206629	WSBH452	N
T-Mobile License LLC	D29179	REYNOLDS, MO	2	0010206629	WSBH453	N
T-Mobile License LLC	D29179	REYNOLDS, MO	3	0010206629	WSBH454	N
T-Mobile License LLC	D29181	RIPLEY, MO	1	0010206629	WSBH455	N
T-Mobile License LLC	D29181	RIPLEY, MO	2	0010206629	WSBH456	N
T-Mobile License LLC	D29181	RIPLEY, MO	3	0010206629	WSBH457	N
T-Mobile License LLC	D29185	ST. CLAIR, MO	2	0010206629	WSBH458	N
T-Mobile License LLC	D29185	ST. CLAIR, MO	3	0010206629	WSBH459	N
T-Mobile License LLC	D29186	STE. GENEVIEVE, MO	1	0010206629	WSBH460	N
T-Mobile License LLC	D29186	STE. GENEVIEVE, MO	2	0010206629	WSBH461	N
T-Mobile License LLC	D29186	STE. GENEVIEVE, MO	3	0010206629	WSBH462	N
T-Mobile License LLC	D29187	ST. FRANCOIS, MO	1	0010206629	WSBH463	N
T-Mobile License LLC	D29187	ST. FRANCOIS, MO	2	0010206629	WSBH464	N
T-Mobile License LLC	D29187	ST. FRANCOIS, MO	3	0010206629	WSBH465	N
T-Mobile License LLC	D29195	SALINE, MO	1	0010206629	WSBH466	N
T-Mobile License LLC	D29195	SALINE, MO	2	0010206629	WSBH467	N
T-Mobile License LLC	D29195	SALINE, MO	3	0010206629	WSBH468	N
T-Mobile License LLC	D29197	SCHUYLER, MO	2	0010206629	WSBH469	N
T-Mobile License LLC	D29197	SCHUYLER, MO	3	0010206629	WSBH470	N
T-Mobile License LLC	D29203	SHANNON, MO	1	0010206629	WSBH471	N
T-Mobile License LLC	D29203	SHANNON, MO	2	0010206629	WSBH472	N
T-Mobile License LLC	D29203	SHANNON, MO	3	0010206629	WSBH473	N
T-Mobile License LLC	D29205	SHELBY, MO	2	0010206629	WSBH474	N
T-Mobile License LLC	D29207	STODDARD, MO	1	0010206629	WSBH475	N
T-Mobile License LLC	D29207	STODDARD, MO	2	0010206629	WSBH476	N
T-Mobile License LLC	D29207	STODDARD, MO	3	0010206629	WSBH477	N
T-Mobile License LLC	D29209	STONE, MO	1	0010206629	WSBH478	N
T-Mobile License LLC	D29209	STONE, MO	2	0010206629	WSBH479	N
T-Mobile License LLC	D29209	STONE, MO	3	0010206629	WSBH480	N
T-Mobile License LLC	D29211	SULLIVAN, MO	2	0010206629	WSBH481	N
T-Mobile License LLC	D29213	TANEY, MO	1	0010206629	WSBH482	N
T-Mobile License LLC	D29213	TANEY, MO	2	0010206629	WSBH483	N
T-Mobile License LLC	D29213	TANEY, MO	3	0010206629	WSBH484	N
T-Mobile License LLC	D29215	TEXAS, MO	1	0010206629	WSBH485	N
T-Mobile License LLC	D29215	TEXAS, MO	2	0010206629	WSBH486	N
T-Mobile License LLC	D29215	TEXAS, MO	3	0010206629	WSBH487	N
T-Mobile License LLC	D29217	VERNON, MO	1	0010206629	WSBH488	N
T-Mobile License LLC	D29217	VERNON, MO	2	0010206629	WSBH489	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D29221	WASHINGTON, MO	1	0010206629	WSBH490	N
T-Mobile License LLC	D29221	WASHINGTON, MO	2	0010206629	WSBH491	N
T-Mobile License LLC	D29221	WASHINGTON, MO	3	0010206629	WSBH492	N
T-Mobile License LLC	D29223	WAYNE, MO	1	0010206629	WSBH493	N
T-Mobile License LLC	D29223	WAYNE, MO	2	0010206629	WSBH494	N
T-Mobile License LLC	D29223	WAYNE, MO	3	0010206629	WSBH495	N
T-Mobile License LLC	D29225	WEBSTER, MO	1	0010206629	WSBH496	N
T-Mobile License LLC	D29225	WEBSTER, MO	2	0010206629	WSBH497	N
T-Mobile License LLC	D29227	WORTH, MO	2	0010206629	WSBH498	N
T-Mobile License LLC	D29227	WORTH, MO	3	0010206629	WSBH499	N
T-Mobile License LLC	D29229	WRIGHT, MO	1	0010206629	WSBH500	N
T-Mobile License LLC	D29229	WRIGHT, MO	2	0010206629	WSBH501	N
T-Mobile License LLC	D29229	WRIGHT, MO	3	0010206629	WSBH502	N
T-Mobile License LLC	D30001	BEAVERHEAD, MT	1	0010206629	WSBH503	N
T-Mobile License LLC	D30001	BEAVERHEAD, MT	2	0010206629	WSBH504	N
T-Mobile License LLC	D30001	BEAVERHEAD, MT	3	0010206629	WSBH505	N
T-Mobile License LLC	D30003	BIG HORN, MT	1	0010206629	WSBH506	N
T-Mobile License LLC	D30003	BIG HORN, MT	2	0010206629	WSBH507	N
T-Mobile License LLC	D30003	BIG HORN, MT	3	0010206629	WSBH508	N
T-Mobile License LLC	D30005	BLAINE, MT	1	0010206629	WSBH509	N
T-Mobile License LLC	D30005	BLAINE, MT	2	0010206629	WSBH510	N
T-Mobile License LLC	D30005	BLAINE, MT	3	0010206629	WSBH511	N
T-Mobile License LLC	D30007	BROADWATER, MT	1	0010206629	WSBH512	N
T-Mobile License LLC	D30007	BROADWATER, MT	2	0010206629	WSBH513	N
T-Mobile License LLC	D30007	BROADWATER, MT	3	0010206629	WSBH514	N
T-Mobile License LLC	D30009	CARBON, MT	1	0010206629	WSBH515	N
T-Mobile License LLC	D30009	CARBON, MT	2	0010206629	WSBH516	N
T-Mobile License LLC	D30009	CARBON, MT	3	0010206629	WSBH517	N
T-Mobile License LLC	D30011	CARTER, MT	1	0010206629	WSBH518	N
T-Mobile License LLC	D30011	CARTER, MT	2	0010206629	WSBH519	N
T-Mobile License LLC	D30011	CARTER, MT	3	0010206629	WSBH520	N
T-Mobile License LLC	D30013	CASCADE, MT	1	0010206629	WSBH521	N
T-Mobile License LLC	D30013	CASCADE, MT	2	0010206629	WSBH522	N
T-Mobile License LLC	D30013	CASCADE, MT	3	0010206629	WSBH523	N
T-Mobile License LLC	D30015	CHOUTEAU, MT	1	0010206629	WSBH524	N
T-Mobile License LLC	D30015	CHOUTEAU, MT	2	0010206629	WSBH525	N
T-Mobile License LLC	D30015	CHOUTEAU, MT	3	0010206629	WSBH526	N
T-Mobile License LLC	D30017	CUSTER, MT	1	0010206629	WSBH527	N
T-Mobile License LLC	D30017	CUSTER, MT	2	0010206629	WSBH528	N
T-Mobile License LLC	D30017	CUSTER, MT	3	0010206629	WSBH529	N
T-Mobile License LLC	D30019	DANIELS, MT	2	0010206629	WSBH530	N
T-Mobile License LLC	D30019	DANIELS, MT	3	0010206629	WSBH531	N
T-Mobile License LLC	D30021	DAWSON, MT	1	0010206629	WSBH532	N
T-Mobile License LLC	D30021	DAWSON, MT	2	0010206629	WSBH533	N
T-Mobile License LLC	D30021	DAWSON, MT	3	0010206629	WSBH534	N
T-Mobile License LLC	D30023	DEER LODGE, MT	1	0010206629	WSBH535	N
T-Mobile License LLC	D30023	DEER LODGE, MT	2	0010206629	WSBH536	N
T-Mobile License LLC	D30023	DEER LODGE, MT	3	0010206629	WSBH537	N
T-Mobile License LLC	D30025	FALLON, MT	1	0010206629	WSBH538	N
T-Mobile License LLC	D30025	FALLON, MT	2	0010206629	WSBH539	N
T-Mobile License LLC	D30025	FALLON, MT	3	0010206629	WSBH540	N
T-Mobile License LLC	D30027	FERGUS, MT	2	0010206629	WSBH541	N
T-Mobile License LLC	D30027	FERGUS, MT	3	0010206629	WSBH542	N
T-Mobile License LLC	D30029	FLATHEAD, MT	2	0010206629	WSBH543	N
T-Mobile License LLC	D30029	FLATHEAD, MT	3	0010206629	WSBH544	N
T-Mobile License LLC	D30031	GALLATIN, MT	1	0010206629	WSBH545	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D30031	GALLATIN, MT	2	0010206629	WSBH546	N
T-Mobile License LLC	D30031	GALLATIN, MT	3	0010206629	WSBH547	N
T-Mobile License LLC	D30033	GARFIELD, MT	1	0010206629	WSBH548	N
T-Mobile License LLC	D30033	GARFIELD, MT	2	0010206629	WSBH549	N
T-Mobile License LLC	D30033	GARFIELD, MT	3	0010206629	WSBH550	N
T-Mobile License LLC	D30035	GLACIER, MT	2	0010206629	WSBH551	N
T-Mobile License LLC	D30035	GLACIER, MT	3	0010206629	WSBH552	N
T-Mobile License LLC	D30037	GOLDEN VALLEY, MT	1	0010206629	WSBH553	N
T-Mobile License LLC	D30037	GOLDEN VALLEY, MT	2	0010206629	WSBH554	N
T-Mobile License LLC	D30037	GOLDEN VALLEY, MT	3	0010206629	WSBH555	N
T-Mobile License LLC	D30039	GRANITE, MT	1	0010206629	WSBH556	N
T-Mobile License LLC	D30039	GRANITE, MT	2	0010206629	WSBH557	N
T-Mobile License LLC	D30039	GRANITE, MT	3	0010206629	WSBH558	N
T-Mobile License LLC	D30041	HILL, MT	1	0010206629	WSBH559	N
T-Mobile License LLC	D30041	HILL, MT	2	0010206629	WSBH560	N
T-Mobile License LLC	D30041	HILL, MT	3	0010206629	WSBH561	N
T-Mobile License LLC	D30043	JEFFERSON, MT	1	0010206629	WSBH562	N
T-Mobile License LLC	D30043	JEFFERSON, MT	2	0010206629	WSBH563	N
T-Mobile License LLC	D30043	JEFFERSON, MT	3	0010206629	WSBH564	N
T-Mobile License LLC	D30045	JUDITH BASIN, MT	1	0010206629	WSBH565	N
T-Mobile License LLC	D30045	JUDITH BASIN, MT	2	0010206629	WSBH566	N
T-Mobile License LLC	D30045	JUDITH BASIN, MT	3	0010206629	WSBH567	N
T-Mobile License LLC	D30047	LAKE, MT	3	0010206629	WSBH568	N
T-Mobile License LLC	D30049	LEWIS AND CLARK, MT	1	0010206629	WSBH569	N
T-Mobile License LLC	D30049	LEWIS AND CLARK, MT	2	0010206629	WSBH570	N
T-Mobile License LLC	D30049	LEWIS AND CLARK, MT	3	0010206629	WSBH571	N
T-Mobile License LLC	D30051	LIBERTY, MT	1	0010206629	WSBH572	N
T-Mobile License LLC	D30051	LIBERTY, MT	2	0010206629	WSBH573	N
T-Mobile License LLC	D30051	LIBERTY, MT	3	0010206629	WSBH574	N
T-Mobile License LLC	D30053	LINCOLN, MT	1	0010206629	WSBH575	N
T-Mobile License LLC	D30053	LINCOLN, MT	2	0010206629	WSBH576	N
T-Mobile License LLC	D30053	LINCOLN, MT	3	0010206629	WSBH577	N
T-Mobile License LLC	D30055	MCCONE, MT	1	0010206629	WSBH578	N
T-Mobile License LLC	D30055	MCCONE, MT	2	0010206629	WSBH579	N
T-Mobile License LLC	D30055	MCCONE, MT	3	0010206629	WSBH580	N
T-Mobile License LLC	D30057	MADISON, MT	1	0010206629	WSBH581	N
T-Mobile License LLC	D30057	MADISON, MT	2	0010206629	WSBH582	N
T-Mobile License LLC	D30057	MADISON, MT	3	0010206629	WSBH583	N
T-Mobile License LLC	D30059	MEAGHER, MT	1	0010206629	WSBH584	N
T-Mobile License LLC	D30059	MEAGHER, MT	2	0010206629	WSBH585	N
T-Mobile License LLC	D30059	MEAGHER, MT	3	0010206629	WSBH586	N
T-Mobile License LLC	D30061	MINERAL, MT	2	0010206629	WSBH587	N
T-Mobile License LLC	D30061	MINERAL, MT	3	0010206629	WSBH588	N
T-Mobile License LLC	D30063	MISSOULA, MT	1	0010206629	WSBH589	N
T-Mobile License LLC	D30063	MISSOULA, MT	3	0010206629	WSBH590	N
T-Mobile License LLC	D30065	MUSSELSHELL, MT	1	0010206629	WSBH591	N
T-Mobile License LLC	D30065	MUSSELSHELL, MT	2	0010206629	WSBH592	N
T-Mobile License LLC	D30065	MUSSELSHELL, MT	3	0010206629	WSBH593	N
T-Mobile License LLC	D30067	PARK, MT	2	0010206629	WSBH594	N
T-Mobile License LLC	D30067	PARK, MT	3	0010206629	WSBH595	N
T-Mobile License LLC	D30069	PETROLEUM, MT	1	0010206629	WSBH596	N
T-Mobile License LLC	D30069	PETROLEUM, MT	2	0010206629	WSBH597	N
T-Mobile License LLC	D30069	PETROLEUM, MT	3	0010206629	WSBH598	N
T-Mobile License LLC	D30071	PHILLIPS, MT	1	0010206629	WSBH599	N
T-Mobile License LLC	D30071	PHILLIPS, MT	2	0010206629	WSBH600	N
T-Mobile License LLC	D30071	PHILLIPS, MT	3	0010206629	WSBH601	N

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AUCTION ID: 108
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D30073	PONDERA, MT	2	0010206629	WSBH602	N
T-Mobile License LLC	D30073	PONDERA, MT	3	0010206629	WSBH603	N
T-Mobile License LLC	D30075	POWDER RIVER, MT	1	0010206629	WSBH604	N
T-Mobile License LLC	D30075	POWDER RIVER, MT	2	0010206629	WSBH605	N
T-Mobile License LLC	D30075	POWDER RIVER, MT	3	0010206629	WSBH606	N
T-Mobile License LLC	D30077	POWELL, MT	2	0010206629	WSBH607	N
T-Mobile License LLC	D30077	POWELL, MT	3	0010206629	WSBH608	N
T-Mobile License LLC	D30079	PRAIRIE, MT	1	0010206629	WSBH609	N
T-Mobile License LLC	D30079	PRAIRIE, MT	2	0010206629	WSBH610	N
T-Mobile License LLC	D30079	PRAIRIE, MT	3	0010206629	WSBH611	N
T-Mobile License LLC	D30081	RAVALLI, MT	1	0010206629	WSBH612	N
T-Mobile License LLC	D30081	RAVALLI, MT	2	0010206629	WSBH613	N
T-Mobile License LLC	D30081	RAVALLI, MT	3	0010206629	WSBH614	N
T-Mobile License LLC	D30083	RICHLAND, MT	1	0010206629	WSBH615	N
T-Mobile License LLC	D30083	RICHLAND, MT	2	0010206629	WSBH616	N
T-Mobile License LLC	D30083	RICHLAND, MT	3	0010206629	WSBH617	N
T-Mobile License LLC	D30085	ROOSEVELT, MT	2	0010206629	WSBH618	N
T-Mobile License LLC	D30085	ROOSEVELT, MT	3	0010206629	WSBH619	N
T-Mobile License LLC	D30087	ROSEBUD, MT	1	0010206629	WSBH620	N
T-Mobile License LLC	D30087	ROSEBUD, MT	2	0010206629	WSBH621	N
T-Mobile License LLC	D30087	ROSEBUD, MT	3	0010206629	WSBH622	N
T-Mobile License LLC	D30089	SANDERS, MT	1	0010206629	WSBH623	N
T-Mobile License LLC	D30089	SANDERS, MT	2	0010206629	WSBH624	N
T-Mobile License LLC	D30089	SANDERS, MT	3	0010206629	WSBH625	N
T-Mobile License LLC	D30091	SHERIDAN, MT	2	0010206629	WSBH626	N
T-Mobile License LLC	D30091	SHERIDAN, MT	3	0010206629	WSBH627	N
T-Mobile License LLC	D30093	SILVER BOW, MT	1	0010206629	WSBH628	N
T-Mobile License LLC	D30093	SILVER BOW, MT	2	0010206629	WSBH629	N
T-Mobile License LLC	D30093	SILVER BOW, MT	3	0010206629	WSBH630	N
T-Mobile License LLC	D30095	STILLWATER, MT	1	0010206629	WSBH631	N
T-Mobile License LLC	D30095	STILLWATER, MT	2	0010206629	WSBH632	N
T-Mobile License LLC	D30095	STILLWATER, MT	3	0010206629	WSBH633	N
T-Mobile License LLC	D30097	SWEET GRASS, MT	1	0010206629	WSBH634	N
T-Mobile License LLC	D30097	SWEET GRASS, MT	2	0010206629	WSBH635	N
T-Mobile License LLC	D30097	SWEET GRASS, MT	3	0010206629	WSBH636	N
T-Mobile License LLC	D30099	TETON, MT	1	0010206629	WSBH637	N
T-Mobile License LLC	D30099	TETON, MT	2	0010206629	WSBH638	N
T-Mobile License LLC	D30099	TETON, MT	3	0010206629	WSBH639	N
T-Mobile License LLC	D30101	TOOLE, MT	1	0010206629	WSBH640	N
T-Mobile License LLC	D30101	TOOLE, MT	2	0010206629	WSBH641	N
T-Mobile License LLC	D30101	TOOLE, MT	3	0010206629	WSBH642	N
T-Mobile License LLC	D30103	TREASURE, MT	1	0010206629	WSBH643	N
T-Mobile License LLC	D30103	TREASURE, MT	2	0010206629	WSBH644	N
T-Mobile License LLC	D30103	TREASURE, MT	3	0010206629	WSBH645	N
T-Mobile License LLC	D30105	VALLEY, MT	2	0010206629	WSBH646	N
T-Mobile License LLC	D30105	VALLEY, MT	3	0010206629	WSBH647	N
T-Mobile License LLC	D30107	WHEATLAND, MT	1	0010206629	WSBH648	N
T-Mobile License LLC	D30107	WHEATLAND, MT	2	0010206629	WSBH649	N
T-Mobile License LLC	D30107	WHEATLAND, MT	3	0010206629	WSBH650	N
T-Mobile License LLC	D30109	WIBAUX, MT	1	0010206629	WSBH651	N
T-Mobile License LLC	D30109	WIBAUX, MT	2	0010206629	WSBH652	N
T-Mobile License LLC	D30109	WIBAUX, MT	3	0010206629	WSBH653	N
T-Mobile License LLC	D30111	YELLOWSTONE, MT	1	0010206629	WSBH654	N
T-Mobile License LLC	D30111	YELLOWSTONE, MT	2	0010206629	WSBH655	N
T-Mobile License LLC	D30111	YELLOWSTONE, MT	3	0010206629	WSBH656	N
T-Mobile License LLC	D31003	ANTELOPE, NE	1	0010206629	WSBH657	N

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T-Mobile License LLC	D31003	ANTELOPE, NE	2	0010206629	WSBH658	N
T-Mobile License LLC	D31003	ANTELOPE, NE	3	0010206629	WSBH659	N
T-Mobile License LLC	D31005	ARTHUR, NE	1	0010206629	WSBH660	N
T-Mobile License LLC	D31005	ARTHUR, NE	2	0010206629	WSBH661	N
T-Mobile License LLC	D31005	ARTHUR, NE	3	0010206629	WSBH662	N
T-Mobile License LLC	D31007	BANNER, NE	1	0010206629	WSBH663	N
T-Mobile License LLC	D31007	BANNER, NE	2	0010206629	WSBH664	N
T-Mobile License LLC	D31007	BANNER, NE	3	0010206629	WSBH665	N
T-Mobile License LLC	D31009	BLAINE, NE	1	0010206629	WSBH666	N
T-Mobile License LLC	D31009	BLAINE, NE	2	0010206629	WSBH667	N
T-Mobile License LLC	D31009	BLAINE, NE	3	0010206629	WSBH668	N
T-Mobile License LLC	D31011	BOONE, NE	1	0010206629	WSBH669	N
T-Mobile License LLC	D31011	BOONE, NE	2	0010206629	WSBH670	N
T-Mobile License LLC	D31011	BOONE, NE	3	0010206629	WSBH671	N
T-Mobile License LLC	D31013	BOX BUTTE, NE	1	0010206629	WSBH672	N
T-Mobile License LLC	D31013	BOX BUTTE, NE	2	0010206629	WSBH673	N
T-Mobile License LLC	D31013	BOX BUTTE, NE	3	0010206629	WSBH674	N
T-Mobile License LLC	D31015	BOYD, NE	1	0010206629	WSBH675	N
T-Mobile License LLC	D31015	BOYD, NE	2	0010206629	WSBH676	N
T-Mobile License LLC	D31015	BOYD, NE	3	0010206629	WSBH677	N
T-Mobile License LLC	D31017	BROWN, NE	1	0010206629	WSBH678	N
T-Mobile License LLC	D31017	BROWN, NE	2	0010206629	WSBH679	N
T-Mobile License LLC	D31017	BROWN, NE	3	0010206629	WSBH680	N
T-Mobile License LLC	D31021	BURT, NE	2	0010206629	WSBH681	N
T-Mobile License LLC	D31021	BURT, NE	3	0010206629	WSBH682	N
T-Mobile License LLC	D31023	BUTLER, NE	1	0010206629	WSBH683	N
T-Mobile License LLC	D31023	BUTLER, NE	2	0010206629	WSBH684	N
T-Mobile License LLC	D31023	BUTLER, NE	3	0010206629	WSBH685	N
T-Mobile License LLC	D31025	CASS, NE	2	0010206629	WSBH686	N
T-Mobile License LLC	D31025	CASS, NE	3	0010206629	WSBH687	N
T-Mobile License LLC	D31027	CEDAR, NE	2	0010206629	WSBH688	N
T-Mobile License LLC	D31027	CEDAR, NE	3	0010206629	WSBH689	N
T-Mobile License LLC	D31029	CHASE, NE	1	0010206629	WSBH690	N
T-Mobile License LLC	D31029	CHASE, NE	2	0010206629	WSBH691	N
T-Mobile License LLC	D31029	CHASE, NE	3	0010206629	WSBH692	N
T-Mobile License LLC	D31031	CHERRY, NE	2	0010206629	WSBH693	N
T-Mobile License LLC	D31031	CHERRY, NE	3	0010206629	WSBH694	N
T-Mobile License LLC	D31033	CHEYENNE, NE	1	0010206629	WSBH695	N
T-Mobile License LLC	D31033	CHEYENNE, NE	2	0010206629	WSBH696	N
T-Mobile License LLC	D31033	CHEYENNE, NE	3	0010206629	WSBH697	N
T-Mobile License LLC	D31035	CLAY, NE	1	0010206629	WSBH698	N
T-Mobile License LLC	D31035	CLAY, NE	2	0010206629	WSBH699	N
T-Mobile License LLC	D31035	CLAY, NE	3	0010206629	WSBH700	N
T-Mobile License LLC	D31037	COLFAX, NE	1	0010206629	WSBH701	N
T-Mobile License LLC	D31037	COLFAX, NE	2	0010206629	WSBH702	N
T-Mobile License LLC	D31037	COLFAX, NE	3	0010206629	WSBH703	N
T-Mobile License LLC	D31039	CUMING, NE	2	0010206629	WSBH704	N
T-Mobile License LLC	D31039	CUMING, NE	3	0010206629	WSBH705	N
T-Mobile License LLC	D31041	CUSTER, NE	1	0010206629	WSBH706	N
T-Mobile License LLC	D31041	CUSTER, NE	2	0010206629	WSBH707	N
T-Mobile License LLC	D31041	CUSTER, NE	3	0010206629	WSBH708	N
T-Mobile License LLC	D31043	DAKOTA, NE	2	0010206629	WSBH709	N
T-Mobile License LLC	D31045	DAWES, NE	1	0010206629	WSBH710	N
T-Mobile License LLC	D31045	DAWES, NE	2	0010206629	WSBH711	N
T-Mobile License LLC	D31045	DAWES, NE	3	0010206629	WSBH712	N
T-Mobile License LLC	D31047	DAWSON, NE	1	0010206629	WSBH713	N

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T-Mobile License LLC	D31047	DAWSON, NE	2	0010206629	WSBH714	N
T-Mobile License LLC	D31047	DAWSON, NE	3	0010206629	WSBH715	N
T-Mobile License LLC	D31049	DEUEL, NE	1	0010206629	WSBH716	N
T-Mobile License LLC	D31049	DEUEL, NE	2	0010206629	WSBH717	N
T-Mobile License LLC	D31049	DEUEL, NE	3	0010206629	WSBH718	N
T-Mobile License LLC	D31051	DIXON, NE	1	0010206629	WSBH719	N
T-Mobile License LLC	D31051	DIXON, NE	2	0010206629	WSBH720	N
T-Mobile License LLC	D31053	DODGE, NE	1	0010206629	WSBH721	N
T-Mobile License LLC	D31053	DODGE, NE	2	0010206629	WSBH722	N
T-Mobile License LLC	D31053	DODGE, NE	3	0010206629	WSBH723	N
T-Mobile License LLC	D31055	DOUGLAS, NE	2	0010206629	WSBH724	N
T-Mobile License LLC	D31057	DUNDY, NE	1	0010206629	WSBH725	N
T-Mobile License LLC	D31057	DUNDY, NE	2	0010206629	WSBH726	N
T-Mobile License LLC	D31057	DUNDY, NE	3	0010206629	WSBH727	N
T-Mobile License LLC	D31059	FILLMORE, NE	1	0010206629	WSBH728	N
T-Mobile License LLC	D31059	FILLMORE, NE	2	0010206629	WSBH729	N
T-Mobile License LLC	D31059	FILLMORE, NE	3	0010206629	WSBH730	N
T-Mobile License LLC	D31061	FRANKLIN, NE	2	0010206629	WSBH731	N
T-Mobile License LLC	D31061	FRANKLIN, NE	3	0010206629	WSBH732	N
T-Mobile License LLC	D31063	FRONTIER, NE	1	0010206629	WSBH733	N
T-Mobile License LLC	D31063	FRONTIER, NE	2	0010206629	WSBH734	N
T-Mobile License LLC	D31063	FRONTIER, NE	3	0010206629	WSBH735	N
T-Mobile License LLC	D31065	FURNAS, NE	1	0010206629	WSBH736	N
T-Mobile License LLC	D31065	FURNAS, NE	2	0010206629	WSBH737	N
T-Mobile License LLC	D31065	FURNAS, NE	3	0010206629	WSBH738	N
T-Mobile License LLC	D31067	GAGE, NE	1	0010206629	WSBH739	N
T-Mobile License LLC	D31067	GAGE, NE	2	0010206629	WSBH740	N
T-Mobile License LLC	D31067	GAGE, NE	3	0010206629	WSBH741	N
T-Mobile License LLC	D31069	GARDEN, NE	1	0010206629	WSBH742	N
T-Mobile License LLC	D31069	GARDEN, NE	2	0010206629	WSBH743	N
T-Mobile License LLC	D31069	GARDEN, NE	3	0010206629	WSBH744	N
T-Mobile License LLC	D31071	GARFIELD, NE	1	0010206629	WSBH745	N
T-Mobile License LLC	D31071	GARFIELD, NE	2	0010206629	WSBH746	N
T-Mobile License LLC	D31071	GARFIELD, NE	3	0010206629	WSBH747	N
T-Mobile License LLC	D31073	GOSPER, NE	1	0010206629	WSBH748	N
T-Mobile License LLC	D31073	GOSPER, NE	2	0010206629	WSBH749	N
T-Mobile License LLC	D31073	GOSPER, NE	3	0010206629	WSBH750	N
T-Mobile License LLC	D31075	GRANT, NE	1	0010206629	WSBH751	N
T-Mobile License LLC	D31075	GRANT, NE	2	0010206629	WSBH752	N
T-Mobile License LLC	D31075	GRANT, NE	3	0010206629	WSBH753	N
T-Mobile License LLC	D31077	GREELEY, NE	1	0010206629	WSBH754	N
T-Mobile License LLC	D31077	GREELEY, NE	2	0010206629	WSBH755	N
T-Mobile License LLC	D31077	GREELEY, NE	3	0010206629	WSBH756	N
T-Mobile License LLC	D31081	HAMILTON, NE	1	0010206629	WSBH757	N
T-Mobile License LLC	D31081	HAMILTON, NE	2	0010206629	WSBH758	N
T-Mobile License LLC	D31083	HARLAN, NE	2	0010206629	WSBH759	N
T-Mobile License LLC	D31083	HARLAN, NE	3	0010206629	WSBH760	N
T-Mobile License LLC	D31085	HAYES, NE	1	0010206629	WSBH761	N
T-Mobile License LLC	D31085	HAYES, NE	2	0010206629	WSBH762	N
T-Mobile License LLC	D31085	HAYES, NE	3	0010206629	WSBH763	N
T-Mobile License LLC	D31087	HITCHCOCK, NE	1	0010206629	WSBH764	N
T-Mobile License LLC	D31087	HITCHCOCK, NE	2	0010206629	WSBH765	N
T-Mobile License LLC	D31087	HITCHCOCK, NE	3	0010206629	WSBH766	N
T-Mobile License LLC	D31089	HOLT, NE	1	0010206629	WSBH767	N
T-Mobile License LLC	D31089	HOLT, NE	2	0010206629	WSBH768	N
T-Mobile License LLC	D31089	HOLT, NE	3	0010206629	WSBH769	N

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T-Mobile License LLC	D31091	HOOKER, NE	1	0010206629	WSBH770	N
T-Mobile License LLC	D31091	HOOKER, NE	2	0010206629	WSBH771	N
T-Mobile License LLC	D31091	HOOKER, NE	3	0010206629	WSBH772	N
T-Mobile License LLC	D31093	HOWARD, NE	1	0010206629	WSBH773	N
T-Mobile License LLC	D31093	HOWARD, NE	2	0010206629	WSBH774	N
T-Mobile License LLC	D31093	HOWARD, NE	3	0010206629	WSBH775	N
T-Mobile License LLC	D31095	JEFFERSON, NE	1	0010206629	WSBH776	N
T-Mobile License LLC	D31095	JEFFERSON, NE	2	0010206629	WSBH777	N
T-Mobile License LLC	D31095	JEFFERSON, NE	3	0010206629	WSBH778	N
T-Mobile License LLC	D31097	JOHNSON, NE	1	0010206629	WSBH779	N
T-Mobile License LLC	D31097	JOHNSON, NE	2	0010206629	WSBH780	N
T-Mobile License LLC	D31097	JOHNSON, NE	3	0010206629	WSBH781	N
T-Mobile License LLC	D31099	KEARNEY, NE	1	0010206629	WSBH782	N
T-Mobile License LLC	D31099	KEARNEY, NE	2	0010206629	WSBH783	N
T-Mobile License LLC	D31099	KEARNEY, NE	3	0010206629	WSBH784	N
T-Mobile License LLC	D31101	KEITH, NE	1	0010206629	WSBH785	N
T-Mobile License LLC	D31101	KEITH, NE	2	0010206629	WSBH786	N
T-Mobile License LLC	D31101	KEITH, NE	3	0010206629	WSBH787	N
T-Mobile License LLC	D31103	KEYA PAHA, NE	1	0010206629	WSBH788	N
T-Mobile License LLC	D31103	KEYA PAHA, NE	2	0010206629	WSBH789	N
T-Mobile License LLC	D31103	KEYA PAHA, NE	3	0010206629	WSBH790	N
T-Mobile License LLC	D31105	KIMBALL, NE	1	0010206629	WSBH791	N
T-Mobile License LLC	D31105	KIMBALL, NE	2	0010206629	WSBH792	N
T-Mobile License LLC	D31105	KIMBALL, NE	3	0010206629	WSBH793	N
T-Mobile License LLC	D31107	KNOX, NE	2	0010206629	WSBH794	N
T-Mobile License LLC	D31107	KNOX, NE	3	0010206629	WSBH795	N
T-Mobile License LLC	D31109	LANCASTER, NE	1	0010206629	WSBH796	N
T-Mobile License LLC	D31109	LANCASTER, NE	2	0010206629	WSBH797	N
T-Mobile License LLC	D31111	LINCOLN, NE	1	0010206629	WSBH798	N
T-Mobile License LLC	D31111	LINCOLN, NE	2	0010206629	WSBH799	N
T-Mobile License LLC	D31111	LINCOLN, NE	3	0010206629	WSBH800	N
T-Mobile License LLC	D31113	LOGAN, NE	1	0010206629	WSBH801	N
T-Mobile License LLC	D31113	LOGAN, NE	2	0010206629	WSBH802	N
T-Mobile License LLC	D31113	LOGAN, NE	3	0010206629	WSBH803	N
T-Mobile License LLC	D31115	LOUP, NE	1	0010206629	WSBH804	N
T-Mobile License LLC	D31115	LOUP, NE	2	0010206629	WSBH805	N
T-Mobile License LLC	D31115	LOUP, NE	3	0010206629	WSBH806	N
T-Mobile License LLC	D31117	MCPHERSON, NE	1	0010206629	WSBH807	N
T-Mobile License LLC	D31117	MCPHERSON, NE	2	0010206629	WSBH808	N
T-Mobile License LLC	D31117	MCPHERSON, NE	3	0010206629	WSBH809	N
T-Mobile License LLC	D31119	MADISON, NE	1	0010206629	WSBH810	N
T-Mobile License LLC	D31119	MADISON, NE	2	0010206629	WSBH811	N
T-Mobile License LLC	D31119	MADISON, NE	3	0010206629	WSBH812	N
T-Mobile License LLC	D31121	MERRICK, NE	1	0010206629	WSBH813	N
T-Mobile License LLC	D31121	MERRICK, NE	2	0010206629	WSBH814	N
T-Mobile License LLC	D31121	MERRICK, NE	3	0010206629	WSBH815	N
T-Mobile License LLC	D31123	MORRILL, NE	1	0010206629	WSBH816	N
T-Mobile License LLC	D31123	MORRILL, NE	2	0010206629	WSBH817	N
T-Mobile License LLC	D31123	MORRILL, NE	3	0010206629	WSBH818	N
T-Mobile License LLC	D31125	NANCE, NE	1	0010206629	WSBH819	N
T-Mobile License LLC	D31125	NANCE, NE	2	0010206629	WSBH820	N
T-Mobile License LLC	D31125	NANCE, NE	3	0010206629	WSBH821	N
T-Mobile License LLC	D31127	NEMAHA, NE	1	0010206629	WSBH822	N
T-Mobile License LLC	D31127	NEMAHA, NE	2	0010206629	WSBH823	N
T-Mobile License LLC	D31127	NEMAHA, NE	3	0010206629	WSBH824	N
T-Mobile License LLC	D31129	NUCKOLLS, NE	1	0010206629	WSBH825	N

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T-Mobile License LLC	D31129	NUCKOLLS, NE	2	0010206629	WSBH826	N
T-Mobile License LLC	D31129	NUCKOLLS, NE	3	0010206629	WSBH827	N
T-Mobile License LLC	D31131	OTOE, NE	1	0010206629	WSBH828	N
T-Mobile License LLC	D31131	OTOE, NE	2	0010206629	WSBH829	N
T-Mobile License LLC	D31131	OTOE, NE	3	0010206629	WSBH830	N
T-Mobile License LLC	D31133	PAWNEE, NE	1	0010206629	WSBH831	N
T-Mobile License LLC	D31133	PAWNEE, NE	2	0010206629	WSBH832	N
T-Mobile License LLC	D31133	PAWNEE, NE	3	0010206629	WSBH833	N
T-Mobile License LLC	D31135	PERKINS, NE	1	0010206629	WSBH834	N
T-Mobile License LLC	D31135	PERKINS, NE	2	0010206629	WSBH835	N
T-Mobile License LLC	D31135	PERKINS, NE	3	0010206629	WSBH836	N
T-Mobile License LLC	D31139	PIERCE, NE	1	0010206629	WSBH837	N
T-Mobile License LLC	D31139	PIERCE, NE	2	0010206629	WSBH838	N
T-Mobile License LLC	D31139	PIERCE, NE	3	0010206629	WSBH839	N
T-Mobile License LLC	D31141	PLATTE, NE	1	0010206629	WSBH840	N
T-Mobile License LLC	D31141	PLATTE, NE	2	0010206629	WSBH841	N
T-Mobile License LLC	D31141	PLATTE, NE	3	0010206629	WSBH842	N
T-Mobile License LLC	D31143	POLK, NE	1	0010206629	WSBH843	N
T-Mobile License LLC	D31143	POLK, NE	2	0010206629	WSBH844	N
T-Mobile License LLC	D31145	RED WILLOW, NE	1	0010206629	WSBH845	N
T-Mobile License LLC	D31145	RED WILLOW, NE	2	0010206629	WSBH846	N
T-Mobile License LLC	D31145	RED WILLOW, NE	3	0010206629	WSBH847	N
T-Mobile License LLC	D31147	RICHARDSON, NE	2	0010206629	WSBH848	N
T-Mobile License LLC	D31147	RICHARDSON, NE	3	0010206629	WSBH849	N
T-Mobile License LLC	D31149	ROCK, NE	1	0010206629	WSBH850	N
T-Mobile License LLC	D31149	ROCK, NE	2	0010206629	WSBH851	N
T-Mobile License LLC	D31149	ROCK, NE	3	0010206629	WSBH852	N
T-Mobile License LLC	D31151	SALINE, NE	1	0010206629	WSBH853	N
T-Mobile License LLC	D31151	SALINE, NE	2	0010206629	WSBH854	N
T-Mobile License LLC	D31151	SALINE, NE	3	0010206629	WSBH855	N
T-Mobile License LLC	D31153	SARPY, NE	2	0010206629	WSBH856	N
T-Mobile License LLC	D31155	SAUNDERS, NE	1	0010206629	WSBH857	N
T-Mobile License LLC	D31155	SAUNDERS, NE	2	0010206629	WSBH858	N
T-Mobile License LLC	D31155	SAUNDERS, NE	3	0010206629	WSBH859	N
T-Mobile License LLC	D31157	SCOTTS BLUFF, NE	1	0010206629	WSBH860	N
T-Mobile License LLC	D31157	SCOTTS BLUFF, NE	2	0010206629	WSBH861	N
T-Mobile License LLC	D31157	SCOTTS BLUFF, NE	3	0010206629	WSBH862	N
T-Mobile License LLC	D31159	SEWARD, NE	1	0010206629	WSBH863	N
T-Mobile License LLC	D31159	SEWARD, NE	2	0010206629	WSBH864	N
T-Mobile License LLC	D31159	SEWARD, NE	3	0010206629	WSBH865	N
T-Mobile License LLC	D31161	SHERIDAN, NE	1	0010206629	WSBH866	N
T-Mobile License LLC	D31161	SHERIDAN, NE	2	0010206629	WSBH867	N
T-Mobile License LLC	D31161	SHERIDAN, NE	3	0010206629	WSBH868	N
T-Mobile License LLC	D31163	SHERMAN, NE	1	0010206629	WSBH869	N
T-Mobile License LLC	D31163	SHERMAN, NE	2	0010206629	WSBH870	N
T-Mobile License LLC	D31163	SHERMAN, NE	3	0010206629	WSBH871	N
T-Mobile License LLC	D31165	SIOUX, NE	1	0010206629	WSBH872	N
T-Mobile License LLC	D31165	SIOUX, NE	2	0010206629	WSBH873	N
T-Mobile License LLC	D31165	SIOUX, NE	3	0010206629	WSBH874	N
T-Mobile License LLC	D31167	STANTON, NE	1	0010206629	WSBH875	N
T-Mobile License LLC	D31167	STANTON, NE	2	0010206629	WSBH876	N
T-Mobile License LLC	D31167	STANTON, NE	3	0010206629	WSBH877	N
T-Mobile License LLC	D31169	THAYER, NE	1	0010206629	WSBH878	N
T-Mobile License LLC	D31169	THAYER, NE	2	0010206629	WSBH879	N
T-Mobile License LLC	D31169	THAYER, NE	3	0010206629	WSBH880	N
T-Mobile License LLC	D31171	THOMAS, NE	1	0010206629	WSBH881	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D31171	THOMAS, NE	2	0010206629	WSBH882	N
T-Mobile License LLC	D31171	THOMAS, NE	3	0010206629	WSBH883	N
T-Mobile License LLC	D31175	VALLEY, NE	1	0010206629	WSBH884	N
T-Mobile License LLC	D31175	VALLEY, NE	2	0010206629	WSBH885	N
T-Mobile License LLC	D31175	VALLEY, NE	3	0010206629	WSBH886	N
T-Mobile License LLC	D31177	WASHINGTON, NE	1	0010206629	WSBH887	N
T-Mobile License LLC	D31177	WASHINGTON, NE	2	0010206629	WSBH888	N
T-Mobile License LLC	D31179	WAYNE, NE	2	0010206629	WSBH889	N
T-Mobile License LLC	D31179	WAYNE, NE	3	0010206629	WSBH890	N
T-Mobile License LLC	D31181	WEBSTER, NE	1	0010206629	WSBH891	N
T-Mobile License LLC	D31181	WEBSTER, NE	2	0010206629	WSBH892	N
T-Mobile License LLC	D31181	WEBSTER, NE	3	0010206629	WSBH893	N
T-Mobile License LLC	D31183	WHEELER, NE	1	0010206629	WSBH894	N
T-Mobile License LLC	D31183	WHEELER, NE	2	0010206629	WSBH895	N
T-Mobile License LLC	D31183	WHEELER, NE	3	0010206629	WSBH896	N
T-Mobile License LLC	D31185	YORK, NE	1	0010206629	WSBH897	N
T-Mobile License LLC	D31185	YORK, NE	2	0010206629	WSBH898	N
T-Mobile License LLC	D31185	YORK, NE	3	0010206629	WSBH899	N
T-Mobile License LLC	D32001	CHURCHILL, NV	2	0010206629	WSBH900	N
T-Mobile License LLC	D32001	CHURCHILL, NV	3	0010206629	WSBH901	N
T-Mobile License LLC	D32003	CLARK, NV	1	0010206629	WSBH902	N
T-Mobile License LLC	D32003	CLARK, NV	2	0010206629	WSBH903	N
T-Mobile License LLC	D32003	CLARK, NV	3	0010206629	WSBH904	N
T-Mobile License LLC	D32005	DOUGLAS, NV	3	0010206629	WSBH905	N
T-Mobile License LLC	D32007	ELKO, NV	2	0010206629	WSBH906	N
T-Mobile License LLC	D32007	ELKO, NV	3	0010206629	WSBH907	N
T-Mobile License LLC	D32009	ESMERALDA, NV	2	0010206629	WSBH908	N
T-Mobile License LLC	D32009	ESMERALDA, NV	3	0010206629	WSBH909	N
T-Mobile License LLC	D32011	EUREKA, NV	2	0010206629	WSBH910	N
T-Mobile License LLC	D32011	EUREKA, NV	3	0010206629	WSBH911	N
T-Mobile License LLC	D32013	HUMBOLDT, NV	1	0010206629	WSBH912	N
T-Mobile License LLC	D32013	HUMBOLDT, NV	2	0010206629	WSBH913	N
T-Mobile License LLC	D32015	LANDER, NV	2	0010206629	WSBH914	N
T-Mobile License LLC	D32015	LANDER, NV	3	0010206629	WSBH915	N
T-Mobile License LLC	D32017	LINCOLN, NV	3	0010206629	WSBH916	N
T-Mobile License LLC	D32019	LYON, NV	2	0010206629	WSBH917	N
T-Mobile License LLC	D32019	LYON, NV	3	0010206629	WSBH918	N
T-Mobile License LLC	D32021	MINERAL, NV	2	0010206629	WSBH919	N
T-Mobile License LLC	D32021	MINERAL, NV	3	0010206629	WSBH920	N
T-Mobile License LLC	D32023	NYE, NV	1	0010206629	WSBH921	N
T-Mobile License LLC	D32023	NYE, NV	2	0010206629	WSBH922	N
T-Mobile License LLC	D32023	NYE, NV	3	0010206629	WSBH923	N
T-Mobile License LLC	D32027	PERSHING, NV	2	0010206629	WSBH924	N
T-Mobile License LLC	D32027	PERSHING, NV	3	0010206629	WSBH925	N
T-Mobile License LLC	D32029	STOREY, NV	1	0010206629	WSBH926	N
T-Mobile License LLC	D32029	STOREY, NV	2	0010206629	WSBH927	N
T-Mobile License LLC	D32031	WASHOE, NV	1	0010206629	WSBH928	N
T-Mobile License LLC	D32031	WASHOE, NV	2	0010206629	WSBH929	N
T-Mobile License LLC	D32031	WASHOE, NV	3	0010206629	WSBH930	N
T-Mobile License LLC	D32033	WHITE PINE, NV	2	0010206629	WSBH931	N
T-Mobile License LLC	D32033	WHITE PINE, NV	3	0010206629	WSBH932	N
T-Mobile License LLC	D33001	BELKNAP, NH	2	0010206629	WSBH933	N
T-Mobile License LLC	D33001	BELKNAP, NH	3	0010206629	WSBH934	N
T-Mobile License LLC	D33003	CARROLL, NH	1	0010206629	WSBH935	N
T-Mobile License LLC	D33003	CARROLL, NH	2	0010206629	WSBH936	N
T-Mobile License LLC	D33003	CARROLL, NH	3	0010206629	WSBH937	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D33005	CHESHIRE, NH	1	0010206629	WSBH938	N
T-Mobile License LLC	D33005	CHESHIRE, NH	2	0010206629	WSBH939	N
T-Mobile License LLC	D33005	CHESHIRE, NH	3	0010206629	WSBH940	N
T-Mobile License LLC	D33007	COOS, NH	1	0010206629	WSBH941	N
T-Mobile License LLC	D33007	COOS, NH	2	0010206629	WSBH942	N
T-Mobile License LLC	D33007	COOS, NH	3	0010206629	WSBH943	N
T-Mobile License LLC	D33009	GRAFTON, NH	1	0010206629	WSBH944	N
T-Mobile License LLC	D33009	GRAFTON, NH	2	0010206629	WSBH945	N
T-Mobile License LLC	D33009	GRAFTON, NH	3	0010206629	WSBH946	N
T-Mobile License LLC	D33011	HILLSBOROUGH, NH	1	0010206629	WSBH947	N
T-Mobile License LLC	D33011	HILLSBOROUGH, NH	2	0010206629	WSBH948	N
T-Mobile License LLC	D33011	HILLSBOROUGH, NH	3	0010206629	WSBH949	N
T-Mobile License LLC	D33013	MERRIMACK, NH	2	0010206629	WSBH950	N
T-Mobile License LLC	D33013	MERRIMACK, NH	3	0010206629	WSBH951	N
T-Mobile License LLC	D33015	ROCKINGHAM, NH	1	0010206629	WSBH952	N
T-Mobile License LLC	D33015	ROCKINGHAM, NH	2	0010206629	WSBH953	N
T-Mobile License LLC	D33015	ROCKINGHAM, NH	3	0010206629	WSBH954	N
T-Mobile License LLC	D33017	STRAFFORD, NH	1	0010206629	WSBH955	N
T-Mobile License LLC	D33017	STRAFFORD, NH	2	0010206629	WSBH956	N
T-Mobile License LLC	D33017	STRAFFORD, NH	3	0010206629	WSBH957	N
T-Mobile License LLC	D34001	ATLANTIC, NJ	2	0010206629	WSBH958	N
T-Mobile License LLC	D34001	ATLANTIC, NJ	3	0010206629	WSBH959	N
T-Mobile License LLC	D34005	BURLINGTON, NJ	1	0010206629	WSBH960	N
T-Mobile License LLC	D34005	BURLINGTON, NJ	2	0010206629	WSBH961	N
T-Mobile License LLC	D34007	CAMDEN, NJ	2	0010206629	WSBH962	N
T-Mobile License LLC	D34007	CAMDEN, NJ	3	0010206629	WSBH963	N
T-Mobile License LLC	D34009	CAPE MAY, NJ	2	0010206629	WSBH964	N
T-Mobile License LLC	D34009	CAPE MAY, NJ	3	0010206629	WSBH965	N
T-Mobile License LLC	D34011	CUMBERLAND, NJ	1	0010206629	WSBH966	N
T-Mobile License LLC	D34011	CUMBERLAND, NJ	2	0010206629	WSBH967	N
T-Mobile License LLC	D34011	CUMBERLAND, NJ	3	0010206629	WSBH968	N
T-Mobile License LLC	D34015	GLOUCESTER, NJ	2	0010206629	WSBH969	N
T-Mobile License LLC	D34015	GLOUCESTER, NJ	3	0010206629	WSBH970	N
T-Mobile License LLC	D34019	HUNTERDON, NJ	1	0010206629	WSBH971	N
T-Mobile License LLC	D34019	HUNTERDON, NJ	2	0010206629	WSBH972	N
T-Mobile License LLC	D34019	HUNTERDON, NJ	3	0010206629	WSBH973	N
T-Mobile License LLC	D34025	MONMOUTH, NJ	1	0010206629	WSBH974	N
T-Mobile License LLC	D34025	MONMOUTH, NJ	2	0010206629	WSBH975	N
T-Mobile License LLC	D34027	MORRIS, NJ	1	0010206629	WSBH976	N
T-Mobile License LLC	D34027	MORRIS, NJ	2	0010206629	WSBH977	N
T-Mobile License LLC	D34029	OCEAN, NJ	1	0010206629	WSBH978	N
T-Mobile License LLC	D34029	OCEAN, NJ	2	0010206629	WSBH979	N
T-Mobile License LLC	D34031	PASSAIC, NJ	1	0010206629	WSBH980	N
T-Mobile License LLC	D34031	PASSAIC, NJ	2	0010206629	WSBH981	N
T-Mobile License LLC	D34033	SALEM, NJ	1	0010206629	WSBH982	N
T-Mobile License LLC	D34033	SALEM, NJ	2	0010206629	WSBH983	N
T-Mobile License LLC	D34033	SALEM, NJ	3	0010206629	WSBH984	N
T-Mobile License LLC	D34035	SOMERSET, NJ	1	0010206629	WSBH985	N
T-Mobile License LLC	D34035	SOMERSET, NJ	2	0010206629	WSBH986	N
T-Mobile License LLC	D34037	SUSSEX, NJ	1	0010206629	WSBH987	N
T-Mobile License LLC	D34037	SUSSEX, NJ	2	0010206629	WSBH988	N
T-Mobile License LLC	D34037	SUSSEX, NJ	3	0010206629	WSBH989	N
T-Mobile License LLC	D34041	WARREN, NJ	1	0010206629	WSBH990	N
T-Mobile License LLC	D34041	WARREN, NJ	2	0010206629	WSBH991	N
T-Mobile License LLC	D34041	WARREN, NJ	3	0010206629	WSBH992	N
T-Mobile License LLC	D35001	BERNALILLO, NM	1	0010206629	WSBH993	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D35001	BERNALILLO, NM	2	0010206629	WSBH994	N
T-Mobile License LLC	D35001	BERNALILLO, NM	3	0010206629	WSBH995	N
T-Mobile License LLC	D35003	CATRON, NM	2	0010206629	WSBH996	N
T-Mobile License LLC	D35003	CATRON, NM	3	0010206629	WSBH997	N
T-Mobile License LLC	D35005	CHAVES, NM	1	0010206629	WSBH998	N
T-Mobile License LLC	D35005	CHAVES, NM	2	0010206629	WSBH999	N
T-Mobile License LLC	D35005	CHAVES, NM	3	0010206629	WSBI200	N
T-Mobile License LLC	D35006	CIBOLA, NM	2	0010206629	WSBI201	N
T-Mobile License LLC	D35006	CIBOLA, NM	3	0010206629	WSBI202	N
T-Mobile License LLC	D35007	COLFAX, NM	1	0010206629	WSBI203	N
T-Mobile License LLC	D35007	COLFAX, NM	2	0010206629	WSBI204	N
T-Mobile License LLC	D35007	COLFAX, NM	3	0010206629	WSBI205	N
T-Mobile License LLC	D35009	CURRY, NM	1	0010206629	WSBI206	N
T-Mobile License LLC	D35009	CURRY, NM	2	0010206629	WSBI207	N
T-Mobile License LLC	D35009	CURRY, NM	3	0010206629	WSBI208	N
T-Mobile License LLC	D35011	DE BACA, NM	1	0010206629	WSBI209	N
T-Mobile License LLC	D35011	DE BACA, NM	2	0010206629	WSBI210	N
T-Mobile License LLC	D35011	DE BACA, NM	3	0010206629	WSBI211	N
T-Mobile License LLC	D35013	DOÑA ANA, NM	1	0010206629	WSBI212	N
T-Mobile License LLC	D35013	DOÑA ANA, NM	2	0010206629	WSBI213	N
T-Mobile License LLC	D35013	DOÑA ANA, NM	3	0010206629	WSBI214	N
T-Mobile License LLC	D35015	EDDY, NM	1	0010206629	WSBI215	N
T-Mobile License LLC	D35015	EDDY, NM	2	0010206629	WSBI216	N
T-Mobile License LLC	D35015	EDDY, NM	3	0010206629	WSBI217	N
T-Mobile License LLC	D35017	GRANT, NM	1	0010206629	WSBI218	N
T-Mobile License LLC	D35017	GRANT, NM	2	0010206629	WSBI219	N
T-Mobile License LLC	D35019	GUADALUPE, NM	1	0010206629	WSBI220	N
T-Mobile License LLC	D35019	GUADALUPE, NM	2	0010206629	WSBI221	N
T-Mobile License LLC	D35019	GUADALUPE, NM	3	0010206629	WSBI222	N
T-Mobile License LLC	D35021	HARDING, NM	1	0010206629	WSBI223	N
T-Mobile License LLC	D35021	HARDING, NM	2	0010206629	WSBI224	N
T-Mobile License LLC	D35021	HARDING, NM	3	0010206629	WSBI225	N
T-Mobile License LLC	D35023	HIDALGO, NM	1	0010206629	WSBI226	N
T-Mobile License LLC	D35023	HIDALGO, NM	2	0010206629	WSBI227	N
T-Mobile License LLC	D35023	HIDALGO, NM	3	0010206629	WSBI228	N
T-Mobile License LLC	D35025	LEA, NM	1	0010206629	WSBI229	N
T-Mobile License LLC	D35025	LEA, NM	2	0010206629	WSBI230	N
T-Mobile License LLC	D35025	LEA, NM	3	0010206629	WSBI231	N
T-Mobile License LLC	D35027	LINCOLN, NM	1	0010206629	WSBI232	N
T-Mobile License LLC	D35027	LINCOLN, NM	2	0010206629	WSBI233	N
T-Mobile License LLC	D35027	LINCOLN, NM	3	0010206629	WSBI234	N
T-Mobile License LLC	D35028	LOS ALAMOS, NM	1	0010206629	WSBI235	N
T-Mobile License LLC	D35028	LOS ALAMOS, NM	2	0010206629	WSBI236	N
T-Mobile License LLC	D35028	LOS ALAMOS, NM	3	0010206629	WSBI237	N
T-Mobile License LLC	D35029	LUNA, NM	1	0010206629	WSBI238	N
T-Mobile License LLC	D35029	LUNA, NM	2	0010206629	WSBI239	N
T-Mobile License LLC	D35031	MCKINLEY, NM	2	0010206629	WSBI240	N
T-Mobile License LLC	D35033	MORA, NM	1	0010206629	WSBI241	N
T-Mobile License LLC	D35033	MORA, NM	2	0010206629	WSBI242	N
T-Mobile License LLC	D35033	MORA, NM	3	0010206629	WSBI243	N
T-Mobile License LLC	D35035	OTERO, NM	1	0010206629	WSBI244	N
T-Mobile License LLC	D35035	OTERO, NM	2	0010206629	WSBI245	N
T-Mobile License LLC	D35035	OTERO, NM	3	0010206629	WSBI246	N
T-Mobile License LLC	D35037	QUAY, NM	1	0010206629	WSBI247	N
T-Mobile License LLC	D35037	QUAY, NM	2	0010206629	WSBI248	N
T-Mobile License LLC	D35037	QUAY, NM	3	0010206629	WSBI249	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D35039	RIO ARRIBA, NM	1	0010206629	WSBI250	N
T-Mobile License LLC	D35039	RIO ARRIBA, NM	2	0010206629	WSBI251	N
T-Mobile License LLC	D35039	RIO ARRIBA, NM	3	0010206629	WSBI252	N
T-Mobile License LLC	D35041	ROOSEVELT, NM	1	0010206629	WSBI253	N
T-Mobile License LLC	D35041	ROOSEVELT, NM	2	0010206629	WSBI254	N
T-Mobile License LLC	D35041	ROOSEVELT, NM	3	0010206629	WSBI255	N
T-Mobile License LLC	D35043	SANDOVAL, NM	1	0010206629	WSBI256	N
T-Mobile License LLC	D35043	SANDOVAL, NM	3	0010206629	WSBI257	N
T-Mobile License LLC	D35045	SAN JUAN, NM	2	0010206629	WSBI258	N
T-Mobile License LLC	D35045	SAN JUAN, NM	3	0010206629	WSBI259	N
T-Mobile License LLC	D35047	SAN MIGUEL, NM	1	0010206629	WSBI260	N
T-Mobile License LLC	D35047	SAN MIGUEL, NM	2	0010206629	WSBI261	N
T-Mobile License LLC	D35047	SAN MIGUEL, NM	3	0010206629	WSBI262	N
T-Mobile License LLC	D35049	SANTA FE, NM	1	0010206629	WSBI263	N
T-Mobile License LLC	D35049	SANTA FE, NM	2	0010206629	WSBI264	N
T-Mobile License LLC	D35049	SANTA FE, NM	3	0010206629	WSBI265	N
T-Mobile License LLC	D35051	SIERRA, NM	2	0010206629	WSBI266	N
T-Mobile License LLC	D35051	SIERRA, NM	3	0010206629	WSBI267	N
T-Mobile License LLC	D35053	SOCORRO, NM	1	0010206629	WSBI268	N
T-Mobile License LLC	D35053	SOCORRO, NM	2	0010206629	WSBI269	N
T-Mobile License LLC	D35055	TAOS, NM	1	0010206629	WSBI270	N
T-Mobile License LLC	D35055	TAOS, NM	2	0010206629	WSBI271	N
T-Mobile License LLC	D35055	TAOS, NM	3	0010206629	WSBI272	N
T-Mobile License LLC	D35057	TORRANCE, NM	1	0010206629	WSBI273	N
T-Mobile License LLC	D35057	TORRANCE, NM	2	0010206629	WSBI274	N
T-Mobile License LLC	D35059	UNION, NM	1	0010206629	WSBI275	N
T-Mobile License LLC	D35059	UNION, NM	2	0010206629	WSBI276	N
T-Mobile License LLC	D35059	UNION, NM	3	0010206629	WSBI277	N
T-Mobile License LLC	D35061	VALENCIA, NM	2	0010206629	WSBI278	N
T-Mobile License LLC	D35061	VALENCIA, NM	3	0010206629	WSBI279	N
T-Mobile License LLC	D36003	ALLEGANY, NY	1	0010206629	WSBI280	N
T-Mobile License LLC	D36003	ALLEGANY, NY	2	0010206629	WSBI281	N
T-Mobile License LLC	D36003	ALLEGANY, NY	3	0010206629	WSBI282	N
T-Mobile License LLC	D36007	BROOME, NY	1	0010206629	WSBI283	N
T-Mobile License LLC	D36007	BROOME, NY	2	0010206629	WSBI284	N
T-Mobile License LLC	D36009	CATTARAUGUS, NY	1	0010206629	WSBI285	N
T-Mobile License LLC	D36009	CATTARAUGUS, NY	2	0010206629	WSBI286	N
T-Mobile License LLC	D36009	CATTARAUGUS, NY	3	0010206629	WSBI287	N
T-Mobile License LLC	D36011	CAYUGA, NY	1	0010206629	WSBI288	N
T-Mobile License LLC	D36011	CAYUGA, NY	2	0010206629	WSBI289	N
T-Mobile License LLC	D36011	CAYUGA, NY	3	0010206629	WSBI290	N
T-Mobile License LLC	D36013	CHAUTAUQUA, NY	1	0010206629	WSBI291	N
T-Mobile License LLC	D36013	CHAUTAUQUA, NY	2	0010206629	WSBI292	N
T-Mobile License LLC	D36013	CHAUTAUQUA, NY	3	0010206629	WSBI293	N
T-Mobile License LLC	D36015	CHEMUNG, NY	1	0010206629	WSBI294	N
T-Mobile License LLC	D36015	CHEMUNG, NY	2	0010206629	WSBI295	N
T-Mobile License LLC	D36015	CHEMUNG, NY	3	0010206629	WSBI296	N
T-Mobile License LLC	D36017	CHENANGO, NY	1	0010206629	WSBI297	N
T-Mobile License LLC	D36017	CHENANGO, NY	2	0010206629	WSBI298	N
T-Mobile License LLC	D36017	CHENANGO, NY	3	0010206629	WSBI299	N
T-Mobile License LLC	D36019	CLINTON, NY	2	0010206629	WSBI300	N
T-Mobile License LLC	D36019	CLINTON, NY	3	0010206629	WSBI301	N
T-Mobile License LLC	D36021	COLUMBIA, NY	1	0010206629	WSBI302	N
T-Mobile License LLC	D36021	COLUMBIA, NY	2	0010206629	WSBI303	N
T-Mobile License LLC	D36021	COLUMBIA, NY	3	0010206629	WSBI304	N
T-Mobile License LLC	D36023	CORTLAND, NY	1	0010206629	WSBI305	N

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T-Mobile License LLC	D36023	CORTLAND, NY	2	0010206629	WSBI306	N
T-Mobile License LLC	D36025	DELAWARE, NY	1	0010206629	WSBI307	N
T-Mobile License LLC	D36025	DELAWARE, NY	2	0010206629	WSBI308	N
T-Mobile License LLC	D36025	DELAWARE, NY	3	0010206629	WSBI309	N
T-Mobile License LLC	D36027	DUTCHESS, NY	2	0010206629	WSBI310	N
T-Mobile License LLC	D36027	DUTCHESS, NY	3	0010206629	WSBI311	N
T-Mobile License LLC	D36029	ERIE, NY	1	0010206629	WSBI312	N
T-Mobile License LLC	D36029	ERIE, NY	2	0010206629	WSBI313	N
T-Mobile License LLC	D36031	ESSEX, NY	1	0010206629	WSBI314	N
T-Mobile License LLC	D36031	ESSEX, NY	2	0010206629	WSBI315	N
T-Mobile License LLC	D36033	FRANKLIN, NY	1	0010206629	WSBI316	N
T-Mobile License LLC	D36033	FRANKLIN, NY	2	0010206629	WSBI317	N
T-Mobile License LLC	D36033	FRANKLIN, NY	3	0010206629	WSBI318	N
T-Mobile License LLC	D36035	FULTON, NY	1	0010206629	WSBI319	N
T-Mobile License LLC	D36035	FULTON, NY	2	0010206629	WSBI320	N
T-Mobile License LLC	D36035	FULTON, NY	3	0010206629	WSBI321	N
T-Mobile License LLC	D36037	GENESEE, NY	1	0010206629	WSBI322	N
T-Mobile License LLC	D36037	GENESEE, NY	2	0010206629	WSBI323	N
T-Mobile License LLC	D36037	GENESEE, NY	3	0010206629	WSBI324	N
T-Mobile License LLC	D36039	GREENE, NY	1	0010206629	WSBI325	N
T-Mobile License LLC	D36039	GREENE, NY	2	0010206629	WSBI326	N
T-Mobile License LLC	D36039	GREENE, NY	3	0010206629	WSBI327	N
T-Mobile License LLC	D36041	HAMILTON, NY	1	0010206629	WSBI328	N
T-Mobile License LLC	D36041	HAMILTON, NY	2	0010206629	WSBI329	N
T-Mobile License LLC	D36041	HAMILTON, NY	3	0010206629	WSBI330	N
T-Mobile License LLC	D36043	HERKIMER, NY	1	0010206629	WSBI331	N
T-Mobile License LLC	D36043	HERKIMER, NY	2	0010206629	WSBI332	N
T-Mobile License LLC	D36043	HERKIMER, NY	3	0010206629	WSBI333	N
T-Mobile License LLC	D36045	JEFFERSON, NY	1	0010206629	WSBI334	N
T-Mobile License LLC	D36045	JEFFERSON, NY	2	0010206629	WSBI335	N
T-Mobile License LLC	D36045	JEFFERSON, NY	3	0010206629	WSBI336	N
T-Mobile License LLC	D36049	LEWIS, NY	1	0010206629	WSBI337	N
T-Mobile License LLC	D36049	LEWIS, NY	2	0010206629	WSBI338	N
T-Mobile License LLC	D36049	LEWIS, NY	3	0010206629	WSBI339	N
T-Mobile License LLC	D36051	LIVINGSTON, NY	1	0010206629	WSBI340	N
T-Mobile License LLC	D36051	LIVINGSTON, NY	2	0010206629	WSBI341	N
T-Mobile License LLC	D36051	LIVINGSTON, NY	3	0010206629	WSBI342	N
T-Mobile License LLC	D36053	MADISON, NY	2	0010206629	WSBI343	N
T-Mobile License LLC	D36053	MADISON, NY	3	0010206629	WSBI344	N
T-Mobile License LLC	D36055	MONROE, NY	1	0010206629	WSBI345	N
T-Mobile License LLC	D36055	MONROE, NY	2	0010206629	WSBI346	N
T-Mobile License LLC	D36055	MONROE, NY	3	0010206629	WSBI347	N
T-Mobile License LLC	D36057	MONTGOMERY, NY	1	0010206629	WSBI348	N
T-Mobile License LLC	D36057	MONTGOMERY, NY	2	0010206629	WSBI349	N
T-Mobile License LLC	D36057	MONTGOMERY, NY	3	0010206629	WSBI350	N
T-Mobile License LLC	D36063	NIAGARA, NY	2	0010206629	WSBI351	N
T-Mobile License LLC	D36063	NIAGARA, NY	3	0010206629	WSBI352	N
T-Mobile License LLC	D36065	ONEIDA, NY	1	0010206629	WSBI353	N
T-Mobile License LLC	D36065	ONEIDA, NY	2	0010206629	WSBI354	N
T-Mobile License LLC	D36065	ONEIDA, NY	3	0010206629	WSBI355	N
T-Mobile License LLC	D36071	ORANGE, NY	1	0010206629	WSBI356	N
T-Mobile License LLC	D36071	ORANGE, NY	2	0010206629	WSBI357	N
T-Mobile License LLC	D36071	ORANGE, NY	3	0010206629	WSBI358	N
T-Mobile License LLC	D36073	ORLEANS, NY	1	0010206629	WSBI359	N
T-Mobile License LLC	D36073	ORLEANS, NY	2	0010206629	WSBI360	N
T-Mobile License LLC	D36073	ORLEANS, NY	3	0010206629	WSBI361	N

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T-Mobile License LLC	D36075	OSWEGO, NY	1	0010206629	WSBI362	N
T-Mobile License LLC	D36075	OSWEGO, NY	2	0010206629	WSBI363	N
T-Mobile License LLC	D36075	OSWEGO, NY	3	0010206629	WSBI364	N
T-Mobile License LLC	D36077	OTSEGO, NY	1	0010206629	WSBI365	N
T-Mobile License LLC	D36077	OTSEGO, NY	2	0010206629	WSBI366	N
T-Mobile License LLC	D36077	OTSEGO, NY	3	0010206629	WSBI367	N
T-Mobile License LLC	D36079	PUTNAM, NY	2	0010206629	WSBI368	N
T-Mobile License LLC	D36079	PUTNAM, NY	3	0010206629	WSBI369	N
T-Mobile License LLC	D36083	RENSSELAER, NY	1	0010206629	WSBI370	N
T-Mobile License LLC	D36083	RENSSELAER, NY	2	0010206629	WSBI371	N
T-Mobile License LLC	D36083	RENSSELAER, NY	3	0010206629	WSBI372	N
T-Mobile License LLC	D36087	ROCKLAND, NY	2	0010206629	WSBI373	N
T-Mobile License LLC	D36089	ST. LAWRENCE, NY	1	0010206629	WSBI374	N
T-Mobile License LLC	D36089	ST. LAWRENCE, NY	2	0010206629	WSBI375	N
T-Mobile License LLC	D36089	ST. LAWRENCE, NY	3	0010206629	WSBI376	N
T-Mobile License LLC	D36091	SARATOGA, NY	1	0010206629	WSBI377	N
T-Mobile License LLC	D36091	SARATOGA, NY	2	0010206629	WSBI378	N
T-Mobile License LLC	D36091	SARATOGA, NY	3	0010206629	WSBI379	N
T-Mobile License LLC	D36095	SCHOHARIE, NY	1	0010206629	WSBI380	N
T-Mobile License LLC	D36095	SCHOHARIE, NY	2	0010206629	WSBI381	N
T-Mobile License LLC	D36095	SCHOHARIE, NY	3	0010206629	WSBI382	N
T-Mobile License LLC	D36097	SCHUYLER, NY	1	0010206629	WSBI383	N
T-Mobile License LLC	D36097	SCHUYLER, NY	2	0010206629	WSBI384	N
T-Mobile License LLC	D36097	SCHUYLER, NY	3	0010206629	WSBI385	N
T-Mobile License LLC	D36099	SENECA, NY	1	0010206629	WSBI386	N
T-Mobile License LLC	D36099	SENECA, NY	2	0010206629	WSBI387	N
T-Mobile License LLC	D36099	SENECA, NY	3	0010206629	WSBI388	N
T-Mobile License LLC	D36101	STEUBEN, NY	1	0010206629	WSBI389	N
T-Mobile License LLC	D36101	STEUBEN, NY	2	0010206629	WSBI390	N
T-Mobile License LLC	D36101	STEUBEN, NY	3	0010206629	WSBI391	N
T-Mobile License LLC	D36103	SUFFOLK, NY	1	0010206629	WSBI392	N
T-Mobile License LLC	D36103	SUFFOLK, NY	2	0010206629	WSBI393	N
T-Mobile License LLC	D36103	SUFFOLK, NY	3	0010206629	WSBI394	N
T-Mobile License LLC	D36105	SULLIVAN, NY	1	0010206629	WSBI395	N
T-Mobile License LLC	D36105	SULLIVAN, NY	2	0010206629	WSBI396	N
T-Mobile License LLC	D36105	SULLIVAN, NY	3	0010206629	WSBI397	N
T-Mobile License LLC	D36107	TIOGA, NY	1	0010206629	WSBI398	N
T-Mobile License LLC	D36107	TIOGA, NY	2	0010206629	WSBI399	N
T-Mobile License LLC	D36109	TOMPKINS, NY	1	0010206629	WSBI400	N
T-Mobile License LLC	D36109	TOMPKINS, NY	2	0010206629	WSBI401	N
T-Mobile License LLC	D36109	TOMPKINS, NY	3	0010206629	WSBI402	N
T-Mobile License LLC	D36111	ULSTER, NY	1	0010206629	WSBI403	N
T-Mobile License LLC	D36111	ULSTER, NY	2	0010206629	WSBI404	N
T-Mobile License LLC	D36111	ULSTER, NY	3	0010206629	WSBI405	N
T-Mobile License LLC	D36113	WARREN, NY	1	0010206629	WSBI406	N
T-Mobile License LLC	D36113	WARREN, NY	2	0010206629	WSBI407	N
T-Mobile License LLC	D36113	WARREN, NY	3	0010206629	WSBI408	N
T-Mobile License LLC	D36115	WASHINGTON, NY	1	0010206629	WSBI409	N
T-Mobile License LLC	D36115	WASHINGTON, NY	2	0010206629	WSBI410	N
T-Mobile License LLC	D36115	WASHINGTON, NY	3	0010206629	WSBI411	N
T-Mobile License LLC	D36117	WAYNE, NY	2	0010206629	WSBI412	N
T-Mobile License LLC	D36117	WAYNE, NY	3	0010206629	WSBI413	N
T-Mobile License LLC	D36119	WESTCHESTER, NY	1	0010206629	WSBI414	N
T-Mobile License LLC	D36119	WESTCHESTER, NY	2	0010206629	WSBI415	N
T-Mobile License LLC	D36119	WESTCHESTER, NY	3	0010206629	WSBI416	N
T-Mobile License LLC	D36121	WYOMING, NY	1	0010206629	WSBI417	N

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T-Mobile License LLC	D36121	WYOMING, NY	2	0010206629	WSBI418	N
T-Mobile License LLC	D36121	WYOMING, NY	3	0010206629	WSBI419	N
T-Mobile License LLC	D36123	YATES, NY	1	0010206629	WSBI420	N
T-Mobile License LLC	D36123	YATES, NY	2	0010206629	WSBI421	N
T-Mobile License LLC	D36123	YATES, NY	3	0010206629	WSBI422	N
T-Mobile License LLC	D37005	ALLEGHANY, NC	2	0010206629	WSBI423	N
T-Mobile License LLC	D37005	ALLEGHANY, NC	3	0010206629	WSBI424	N
T-Mobile License LLC	D37007	ANSON, NC	1	0010206629	WSBI425	N
T-Mobile License LLC	D37007	ANSON, NC	2	0010206629	WSBI426	N
T-Mobile License LLC	D37007	ANSON, NC	3	0010206629	WSBI427	N
T-Mobile License LLC	D37009	ASHE, NC	2	0010206629	WSBI428	N
T-Mobile License LLC	D37009	ASHE, NC	3	0010206629	WSBI429	N
T-Mobile License LLC	D37011	AVERY, NC	1	0010206629	WSBI430	N
T-Mobile License LLC	D37011	AVERY, NC	2	0010206629	WSBI431	N
T-Mobile License LLC	D37011	AVERY, NC	3	0010206629	WSBI432	N
T-Mobile License LLC	D37013	BEAUFORT, NC	2	0010206629	WSBI433	N
T-Mobile License LLC	D37013	BEAUFORT, NC	3	0010206629	WSBI434	N
T-Mobile License LLC	D37015	BERTIE, NC	1	0010206629	WSBI435	N
T-Mobile License LLC	D37015	BERTIE, NC	2	0010206629	WSBI436	N
T-Mobile License LLC	D37015	BERTIE, NC	3	0010206629	WSBI437	N
T-Mobile License LLC	D37017	BLADEN, NC	1	0010206629	WSBI438	N
T-Mobile License LLC	D37017	BLADEN, NC	2	0010206629	WSBI439	N
T-Mobile License LLC	D37017	BLADEN, NC	3	0010206629	WSBI440	N
T-Mobile License LLC	D37019	BRUNSWICK, NC	1	0010206629	WSBI441	N
T-Mobile License LLC	D37019	BRUNSWICK, NC	2	0010206629	WSBI442	N
T-Mobile License LLC	D37019	BRUNSWICK, NC	3	0010206629	WSBI443	N
T-Mobile License LLC	D37023	BURKE, NC	1	0010206629	WSBI444	N
T-Mobile License LLC	D37023	BURKE, NC	2	0010206629	WSBI445	N
T-Mobile License LLC	D37023	BURKE, NC	3	0010206629	WSBI446	N
T-Mobile License LLC	D37027	CALDWELL, NC	1	0010206629	WSBI447	N
T-Mobile License LLC	D37027	CALDWELL, NC	2	0010206629	WSBI448	N
T-Mobile License LLC	D37027	CALDWELL, NC	3	0010206629	WSBI449	N
T-Mobile License LLC	D37029	CAMDEN, NC	1	0010206629	WSBI450	N
T-Mobile License LLC	D37029	CAMDEN, NC	2	0010206629	WSBI451	N
T-Mobile License LLC	D37029	CAMDEN, NC	3	0010206629	WSBI452	N
T-Mobile License LLC	D37031	CARTERET, NC	1	0010206629	WSBI453	N
T-Mobile License LLC	D37031	CARTERET, NC	2	0010206629	WSBI454	N
T-Mobile License LLC	D37031	CARTERET, NC	3	0010206629	WSBI455	N
T-Mobile License LLC	D37033	CASWELL, NC	1	0010206629	WSBI456	N
T-Mobile License LLC	D37033	CASWELL, NC	2	0010206629	WSBI457	N
T-Mobile License LLC	D37033	CASWELL, NC	3	0010206629	WSBI458	N
T-Mobile License LLC	D37037	CHATHAM, NC	1	0010206629	WSBI459	N
T-Mobile License LLC	D37037	CHATHAM, NC	2	0010206629	WSBI460	N
T-Mobile License LLC	D37037	CHATHAM, NC	3	0010206629	WSBI461	N
T-Mobile License LLC	D37039	CHEROKEE, NC	1	0010206629	WSBI462	N
T-Mobile License LLC	D37039	CHEROKEE, NC	2	0010206629	WSBI463	N
T-Mobile License LLC	D37039	CHEROKEE, NC	3	0010206629	WSBI464	N
T-Mobile License LLC	D37041	CHOWAN, NC	1	0010206629	WSBI465	N
T-Mobile License LLC	D37041	CHOWAN, NC	2	0010206629	WSBI466	N
T-Mobile License LLC	D37041	CHOWAN, NC	3	0010206629	WSBI467	N
T-Mobile License LLC	D37043	CLAY, NC	1	0010206629	WSBI468	N
T-Mobile License LLC	D37043	CLAY, NC	2	0010206629	WSBI469	N
T-Mobile License LLC	D37043	CLAY, NC	3	0010206629	WSBI470	N
T-Mobile License LLC	D37045	CLEVELAND, NC	2	0010206629	WSBI471	N
T-Mobile License LLC	D37047	COLUMBUS, NC	1	0010206629	WSBI472	N
T-Mobile License LLC	D37047	COLUMBUS, NC	2	0010206629	WSBI473	N

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T-Mobile License LLC	D37047	COLUMBUS, NC	3	0010206629	WSBI474	N
T-Mobile License LLC	D37049	CRAVEN, NC	1	0010206629	WSBI475	N
T-Mobile License LLC	D37049	CRAVEN, NC	2	0010206629	WSBI476	N
T-Mobile License LLC	D37049	CRAVEN, NC	3	0010206629	WSBI477	N
T-Mobile License LLC	D37053	CURRITUCK, NC	1	0010206629	WSBI478	N
T-Mobile License LLC	D37053	CURRITUCK, NC	2	0010206629	WSBI479	N
T-Mobile License LLC	D37053	CURRITUCK, NC	3	0010206629	WSBI480	N
T-Mobile License LLC	D37055	DARE, NC	1	0010206629	WSBI481	N
T-Mobile License LLC	D37055	DARE, NC	2	0010206629	WSBI482	N
T-Mobile License LLC	D37055	DARE, NC	3	0010206629	WSBI483	N
T-Mobile License LLC	D37057	DAVIDSON, NC	1	0010206629	WSBI484	N
T-Mobile License LLC	D37057	DAVIDSON, NC	2	0010206629	WSBI485	N
T-Mobile License LLC	D37057	DAVIDSON, NC	3	0010206629	WSBI486	N
T-Mobile License LLC	D37059	DAVIE, NC	1	0010206629	WSBI487	N
T-Mobile License LLC	D37059	DAVIE, NC	2	0010206629	WSBI488	N
T-Mobile License LLC	D37059	DAVIE, NC	3	0010206629	WSBI489	N
T-Mobile License LLC	D37061	DUPLIN, NC	1	0010206629	WSBI490	N
T-Mobile License LLC	D37061	DUPLIN, NC	2	0010206629	WSBI491	N
T-Mobile License LLC	D37061	DUPLIN, NC	3	0010206629	WSBI492	N
T-Mobile License LLC	D37063	DURHAM, NC	1	0010206629	WSBI493	N
T-Mobile License LLC	D37063	DURHAM, NC	2	0010206629	WSBI494	N
T-Mobile License LLC	D37063	DURHAM, NC	3	0010206629	WSBI495	N
T-Mobile License LLC	D37065	EDGECOMBE, NC	2	0010206629	WSBI496	N
T-Mobile License LLC	D37065	EDGECOMBE, NC	3	0010206629	WSBI497	N
T-Mobile License LLC	D37067	FORSYTH, NC	1	0010206629	WSBI498	N
T-Mobile License LLC	D37067	FORSYTH, NC	2	0010206629	WSBI499	N
T-Mobile License LLC	D37067	FORSYTH, NC	3	0010206629	WSBI500	N
T-Mobile License LLC	D37069	FRANKLIN, NC	1	0010206629	WSBI501	N
T-Mobile License LLC	D37069	FRANKLIN, NC	2	0010206629	WSBI502	N
T-Mobile License LLC	D37069	FRANKLIN, NC	3	0010206629	WSBI503	N
T-Mobile License LLC	D37073	GATES, NC	1	0010206629	WSBI504	N
T-Mobile License LLC	D37073	GATES, NC	2	0010206629	WSBI505	N
T-Mobile License LLC	D37073	GATES, NC	3	0010206629	WSBI506	N
T-Mobile License LLC	D37075	GRAHAM, NC	1	0010206629	WSBI507	N
T-Mobile License LLC	D37075	GRAHAM, NC	2	0010206629	WSBI508	N
T-Mobile License LLC	D37075	GRAHAM, NC	3	0010206629	WSBI509	N
T-Mobile License LLC	D37077	GRANVILLE, NC	1	0010206629	WSBI510	N
T-Mobile License LLC	D37077	GRANVILLE, NC	2	0010206629	WSBI511	N
T-Mobile License LLC	D37077	GRANVILLE, NC	3	0010206629	WSBI512	N
T-Mobile License LLC	D37083	HALIFAX, NC	1	0010206629	WSBI513	N
T-Mobile License LLC	D37083	HALIFAX, NC	2	0010206629	WSBI514	N
T-Mobile License LLC	D37083	HALIFAX, NC	3	0010206629	WSBI515	N
T-Mobile License LLC	D37085	HARNETT, NC	1	0010206629	WSBI516	N
T-Mobile License LLC	D37085	HARNETT, NC	2	0010206629	WSBI517	N
T-Mobile License LLC	D37085	HARNETT, NC	3	0010206629	WSBI518	N
T-Mobile License LLC	D37087	HAYWOOD, NC	2	0010206629	WSBI519	N
T-Mobile License LLC	D37091	HERTFORD, NC	1	0010206629	WSBI520	N
T-Mobile License LLC	D37091	HERTFORD, NC	2	0010206629	WSBI521	N
T-Mobile License LLC	D37091	HERTFORD, NC	3	0010206629	WSBI522	N
T-Mobile License LLC	D37093	HOKE, NC	2	0010206629	WSBI523	N
T-Mobile License LLC	D37093	HOKE, NC	3	0010206629	WSBI524	N
T-Mobile License LLC	D37095	HYDE, NC	1	0010206629	WSBI525	N
T-Mobile License LLC	D37095	HYDE, NC	2	0010206629	WSBI526	N
T-Mobile License LLC	D37095	HYDE, NC	3	0010206629	WSBI527	N
T-Mobile License LLC	D37097	IREDELL, NC	1	0010206629	WSBI528	N
T-Mobile License LLC	D37097	IREDELL, NC	2	0010206629	WSBI529	N

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T-Mobile License LLC	D37097	IREDELL, NC	3	0010206629	WSBI530	N
T-Mobile License LLC	D37099	JACKSON, NC	1	0010206629	WSBI531	N
T-Mobile License LLC	D37099	JACKSON, NC	2	0010206629	WSBI532	N
T-Mobile License LLC	D37099	JACKSON, NC	3	0010206629	WSBI533	N
T-Mobile License LLC	D37101	JOHNSTON, NC	1	0010206629	WSBI534	N
T-Mobile License LLC	D37101	JOHNSTON, NC	2	0010206629	WSBI535	N
T-Mobile License LLC	D37101	JOHNSTON, NC	3	0010206629	WSBI536	N
T-Mobile License LLC	D37103	JONES, NC	1	0010206629	WSBI537	N
T-Mobile License LLC	D37103	JONES, NC	2	0010206629	WSBI538	N
T-Mobile License LLC	D37103	JONES, NC	3	0010206629	WSBI539	N
T-Mobile License LLC	D37105	LEE, NC	1	0010206629	WSBI540	N
T-Mobile License LLC	D37105	LEE, NC	2	0010206629	WSBI541	N
T-Mobile License LLC	D37105	LEE, NC	3	0010206629	WSBI542	N
T-Mobile License LLC	D37107	LENOIR, NC	1	0010206629	WSBI543	N
T-Mobile License LLC	D37107	LENOIR, NC	2	0010206629	WSBI544	N
T-Mobile License LLC	D37107	LENOIR, NC	3	0010206629	WSBI545	N
T-Mobile License LLC	D37111	MCDOWELL, NC	1	0010206629	WSBI546	N
T-Mobile License LLC	D37111	MCDOWELL, NC	2	0010206629	WSBI547	N
T-Mobile License LLC	D37111	MCDOWELL, NC	3	0010206629	WSBI548	N
T-Mobile License LLC	D37113	MACON, NC	1	0010206629	WSBI549	N
T-Mobile License LLC	D37113	MACON, NC	2	0010206629	WSBI550	N
T-Mobile License LLC	D37113	MACON, NC	3	0010206629	WSBI551	N
T-Mobile License LLC	D37117	MARTIN, NC	1	0010206629	WSBI552	N
T-Mobile License LLC	D37117	MARTIN, NC	2	0010206629	WSBI553	N
T-Mobile License LLC	D37117	MARTIN, NC	3	0010206629	WSBI554	N
T-Mobile License LLC	D37121	MITCHELL, NC	1	0010206629	WSBI555	N
T-Mobile License LLC	D37121	MITCHELL, NC	2	0010206629	WSBI556	N
T-Mobile License LLC	D37121	MITCHELL, NC	3	0010206629	WSBI557	N
T-Mobile License LLC	D37123	MONTGOMERY, NC	1	0010206629	WSBI558	N
T-Mobile License LLC	D37123	MONTGOMERY, NC	2	0010206629	WSBI559	N
T-Mobile License LLC	D37123	MONTGOMERY, NC	3	0010206629	WSBI560	N
T-Mobile License LLC	D37125	MOORE, NC	1	0010206629	WSBI561	N
T-Mobile License LLC	D37125	MOORE, NC	2	0010206629	WSBI562	N
T-Mobile License LLC	D37125	MOORE, NC	3	0010206629	WSBI563	N
T-Mobile License LLC	D37127	NASH, NC	1	0010206629	WSBI564	N
T-Mobile License LLC	D37127	NASH, NC	2	0010206629	WSBI565	N
T-Mobile License LLC	D37127	NASH, NC	3	0010206629	WSBI566	N
T-Mobile License LLC	D37129	NEW HANOVER, NC	1	0010206629	WSBI567	N
T-Mobile License LLC	D37129	NEW HANOVER, NC	2	0010206629	WSBI568	N
T-Mobile License LLC	D37131	NORTHAMPTON, NC	1	0010206629	WSBI569	N
T-Mobile License LLC	D37131	NORTHAMPTON, NC	2	0010206629	WSBI570	N
T-Mobile License LLC	D37131	NORTHAMPTON, NC	3	0010206629	WSBI571	N
T-Mobile License LLC	D37133	ONSLOW, NC	1	0010206629	WSBI572	N
T-Mobile License LLC	D37133	ONSLOW, NC	2	0010206629	WSBI573	N
T-Mobile License LLC	D37133	ONSLOW, NC	3	0010206629	WSBI574	N
T-Mobile License LLC	D37135	ORANGE, NC	1	0010206629	WSBI575	N
T-Mobile License LLC	D37135	ORANGE, NC	2	0010206629	WSBI576	N
T-Mobile License LLC	D37135	ORANGE, NC	3	0010206629	WSBI577	N
T-Mobile License LLC	D37137	PAMLICO, NC	1	0010206629	WSBI578	N
T-Mobile License LLC	D37137	PAMLICO, NC	2	0010206629	WSBI579	N
T-Mobile License LLC	D37137	PAMLICO, NC	3	0010206629	WSBI580	N
T-Mobile License LLC	D37139	PASQUOTANK, NC	1	0010206629	WSBI581	N
T-Mobile License LLC	D37139	PASQUOTANK, NC	2	0010206629	WSBI582	N
T-Mobile License LLC	D37139	PASQUOTANK, NC	3	0010206629	WSBI583	N
T-Mobile License LLC	D37141	PENDER, NC	1	0010206629	WSBI584	N
T-Mobile License LLC	D37141	PENDER, NC	2	0010206629	WSBI585	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D37141	PENDER, NC	3	0010206629	WSBI586	N
T-Mobile License LLC	D37143	PERQUIMANS, NC	1	0010206629	WSBI587	N
T-Mobile License LLC	D37143	PERQUIMANS, NC	2	0010206629	WSBI588	N
T-Mobile License LLC	D37143	PERQUIMANS, NC	3	0010206629	WSBI589	N
T-Mobile License LLC	D37145	PERSON, NC	1	0010206629	WSBI590	N
T-Mobile License LLC	D37145	PERSON, NC	2	0010206629	WSBI591	N
T-Mobile License LLC	D37145	PERSON, NC	3	0010206629	WSBI592	N
T-Mobile License LLC	D37147	PITT, NC	1	0010206629	WSBI593	N
T-Mobile License LLC	D37147	PITT, NC	2	0010206629	WSBI594	N
T-Mobile License LLC	D37151	RANDOLPH, NC	1	0010206629	WSBI595	N
T-Mobile License LLC	D37151	RANDOLPH, NC	2	0010206629	WSBI596	N
T-Mobile License LLC	D37151	RANDOLPH, NC	3	0010206629	WSBI597	N
T-Mobile License LLC	D37153	RICHMOND, NC	1	0010206629	WSBI598	N
T-Mobile License LLC	D37153	RICHMOND, NC	2	0010206629	WSBI599	N
T-Mobile License LLC	D37153	RICHMOND, NC	3	0010206629	WSBI600	N
T-Mobile License LLC	D37155	ROBESON, NC	1	0010206629	WSBI601	N
T-Mobile License LLC	D37155	ROBESON, NC	2	0010206629	WSBI602	N
T-Mobile License LLC	D37155	ROBESON, NC	3	0010206629	WSBI603	N
T-Mobile License LLC	D37157	ROCKINGHAM, NC	1	0010206629	WSBI604	N
T-Mobile License LLC	D37157	ROCKINGHAM, NC	2	0010206629	WSBI605	N
T-Mobile License LLC	D37157	ROCKINGHAM, NC	3	0010206629	WSBI606	N
T-Mobile License LLC	D37159	ROWAN, NC	1	0010206629	WSBI607	N
T-Mobile License LLC	D37159	ROWAN, NC	2	0010206629	WSBI608	N
T-Mobile License LLC	D37159	ROWAN, NC	3	0010206629	WSBI609	N
T-Mobile License LLC	D37161	RUTHERFORD, NC	1	0010206629	WSBI610	N
T-Mobile License LLC	D37161	RUTHERFORD, NC	2	0010206629	WSBI611	N
T-Mobile License LLC	D37161	RUTHERFORD, NC	3	0010206629	WSBI612	N
T-Mobile License LLC	D37163	SAMPSON, NC	1	0010206629	WSBI613	N
T-Mobile License LLC	D37163	SAMPSON, NC	2	0010206629	WSBI614	N
T-Mobile License LLC	D37163	SAMPSON, NC	3	0010206629	WSBI615	N
T-Mobile License LLC	D37165	SCOTLAND, NC	2	0010206629	WSBI616	N
T-Mobile License LLC	D37165	SCOTLAND, NC	3	0010206629	WSBI617	N
T-Mobile License LLC	D37167	STANLY, NC	1	0010206629	WSBI618	N
T-Mobile License LLC	D37167	STANLY, NC	2	0010206629	WSBI619	N
T-Mobile License LLC	D37167	STANLY, NC	3	0010206629	WSBI620	N
T-Mobile License LLC	D37169	STOKES, NC	1	0010206629	WSBI621	N
T-Mobile License LLC	D37169	STOKES, NC	2	0010206629	WSBI622	N
T-Mobile License LLC	D37169	STOKES, NC	3	0010206629	WSBI623	N
T-Mobile License LLC	D37171	SURRY, NC	2	0010206629	WSBI624	N
T-Mobile License LLC	D37171	SURRY, NC	3	0010206629	WSBI625	N
T-Mobile License LLC	D37173	SWAIN, NC	1	0010206629	WSBI626	N
T-Mobile License LLC	D37173	SWAIN, NC	2	0010206629	WSBI627	N
T-Mobile License LLC	D37173	SWAIN, NC	3	0010206629	WSBI628	N
T-Mobile License LLC	D37175	TRANSYLVANIA, NC	1	0010206629	WSBI629	N
T-Mobile License LLC	D37175	TRANSYLVANIA, NC	2	0010206629	WSBI630	N
T-Mobile License LLC	D37175	TRANSYLVANIA, NC	3	0010206629	WSBI631	N
T-Mobile License LLC	D37177	TYRRELL, NC	2	0010206629	WSBI632	N
T-Mobile License LLC	D37177	TYRRELL, NC	3	0010206629	WSBI633	N
T-Mobile License LLC	D37179	UNION, NC	1	0010206629	WSBI634	N
T-Mobile License LLC	D37179	UNION, NC	2	0010206629	WSBI635	N
T-Mobile License LLC	D37179	UNION, NC	3	0010206629	WSBI636	N
T-Mobile License LLC	D37181	VANCE, NC	1	0010206629	WSBI637	N
T-Mobile License LLC	D37181	VANCE, NC	2	0010206629	WSBI638	N
T-Mobile License LLC	D37181	VANCE, NC	3	0010206629	WSBI639	N
T-Mobile License LLC	D37183	WAKE, NC	1	0010206629	WSBI640	N
T-Mobile License LLC	D37183	WAKE, NC	2	0010206629	WSBI641	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D37185	WARREN, NC	1	0010206629	WSBI642	N
T-Mobile License LLC	D37185	WARREN, NC	2	0010206629	WSBI643	N
T-Mobile License LLC	D37185	WARREN, NC	3	0010206629	WSBI644	N
T-Mobile License LLC	D37187	WASHINGTON, NC	1	0010206629	WSBI645	N
T-Mobile License LLC	D37187	WASHINGTON, NC	2	0010206629	WSBI646	N
T-Mobile License LLC	D37187	WASHINGTON, NC	3	0010206629	WSBI647	N
T-Mobile License LLC	D37189	WATAUGA, NC	1	0010206629	WSBI648	N
T-Mobile License LLC	D37189	WATAUGA, NC	2	0010206629	WSBI649	N
T-Mobile License LLC	D37189	WATAUGA, NC	3	0010206629	WSBI650	N
T-Mobile License LLC	D37191	WAYNE, NC	1	0010206629	WSBI651	N
T-Mobile License LLC	D37191	WAYNE, NC	2	0010206629	WSBI652	N
T-Mobile License LLC	D37191	WAYNE, NC	3	0010206629	WSBI653	N
T-Mobile License LLC	D37193	WILKES, NC	2	0010206629	WSBI654	N
T-Mobile License LLC	D37193	WILKES, NC	3	0010206629	WSBI655	N
T-Mobile License LLC	D37195	WILSON, NC	1	0010206629	WSBI656	N
T-Mobile License LLC	D37195	WILSON, NC	2	0010206629	WSBI657	N
T-Mobile License LLC	D37195	WILSON, NC	3	0010206629	WSBI658	N
T-Mobile License LLC	D37197	YADKIN, NC	1	0010206629	WSBI659	N
T-Mobile License LLC	D37197	YADKIN, NC	2	0010206629	WSBI660	N
T-Mobile License LLC	D37197	YADKIN, NC	3	0010206629	WSBI661	N
T-Mobile License LLC	D37199	YANCEY, NC	1	0010206629	WSBI662	N
T-Mobile License LLC	D37199	YANCEY, NC	2	0010206629	WSBI663	N
T-Mobile License LLC	D37199	YANCEY, NC	3	0010206629	WSBI664	N
T-Mobile License LLC	D38001	ADAMS, ND	1	0010206629	WSBI665	N
T-Mobile License LLC	D38001	ADAMS, ND	2	0010206629	WSBI666	N
T-Mobile License LLC	D38001	ADAMS, ND	3	0010206629	WSBI667	N
T-Mobile License LLC	D38003	BARNES, ND	2	0010206629	WSBI668	N
T-Mobile License LLC	D38003	BARNES, ND	3	0010206629	WSBI669	N
T-Mobile License LLC	D38005	BENSON, ND	1	0010206629	WSBI670	N
T-Mobile License LLC	D38005	BENSON, ND	2	0010206629	WSBI671	N
T-Mobile License LLC	D38005	BENSON, ND	3	0010206629	WSBI672	N
T-Mobile License LLC	D38007	BILLINGS, ND	1	0010206629	WSBI673	N
T-Mobile License LLC	D38007	BILLINGS, ND	2	0010206629	WSBI674	N
T-Mobile License LLC	D38007	BILLINGS, ND	3	0010206629	WSBI675	N
T-Mobile License LLC	D38009	BOTTINEAU, ND	1	0010206629	WSBI676	N
T-Mobile License LLC	D38009	BOTTINEAU, ND	2	0010206629	WSBI677	N
T-Mobile License LLC	D38009	BOTTINEAU, ND	3	0010206629	WSBI678	N
T-Mobile License LLC	D38011	BOWMAN, ND	1	0010206629	WSBI679	N
T-Mobile License LLC	D38011	BOWMAN, ND	2	0010206629	WSBI680	N
T-Mobile License LLC	D38011	BOWMAN, ND	3	0010206629	WSBI681	N
T-Mobile License LLC	D38013	BURKE, ND	1	0010206629	WSBI682	N
T-Mobile License LLC	D38013	BURKE, ND	2	0010206629	WSBI683	N
T-Mobile License LLC	D38013	BURKE, ND	3	0010206629	WSBI684	N
T-Mobile License LLC	D38015	BURLEIGH, ND	2	0010206629	WSBI685	N
T-Mobile License LLC	D38015	BURLEIGH, ND	3	0010206629	WSBI686	N
T-Mobile License LLC	D38017	CASS, ND	1	0010206629	WSBI687	N
T-Mobile License LLC	D38017	CASS, ND	2	0010206629	WSBI688	N
T-Mobile License LLC	D38019	CAVALIER, ND	1	0010206629	WSBI689	N
T-Mobile License LLC	D38019	CAVALIER, ND	2	0010206629	WSBI690	N
T-Mobile License LLC	D38019	CAVALIER, ND	3	0010206629	WSBI691	N
T-Mobile License LLC	D38021	DICKEY, ND	1	0010206629	WSBI692	N
T-Mobile License LLC	D38021	DICKEY, ND	2	0010206629	WSBI693	N
T-Mobile License LLC	D38021	DICKEY, ND	3	0010206629	WSBI694	N
T-Mobile License LLC	D38023	DIVIDE, ND	1	0010206629	WSBI695	N
T-Mobile License LLC	D38023	DIVIDE, ND	2	0010206629	WSBI696	N
T-Mobile License LLC	D38023	DIVIDE, ND	3	0010206629	WSBI697	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D38025	DUNN, ND	1	0010206629	WSBI698	N
T-Mobile License LLC	D38025	DUNN, ND	2	0010206629	WSBI699	N
T-Mobile License LLC	D38025	DUNN, ND	3	0010206629	WSBI700	N
T-Mobile License LLC	D38027	EDDY, ND	1	0010206629	WSBI701	N
T-Mobile License LLC	D38027	EDDY, ND	2	0010206629	WSBI702	N
T-Mobile License LLC	D38027	EDDY, ND	3	0010206629	WSBI703	N
T-Mobile License LLC	D38029	EMMONS, ND	2	0010206629	WSBI704	N
T-Mobile License LLC	D38029	EMMONS, ND	3	0010206629	WSBI705	N
T-Mobile License LLC	D38031	FOSTER, ND	1	0010206629	WSBI706	N
T-Mobile License LLC	D38031	FOSTER, ND	2	0010206629	WSBI707	N
T-Mobile License LLC	D38031	FOSTER, ND	3	0010206629	WSBI708	N
T-Mobile License LLC	D38033	GOLDEN VALLEY, ND	1	0010206629	WSBI709	N
T-Mobile License LLC	D38033	GOLDEN VALLEY, ND	2	0010206629	WSBI710	N
T-Mobile License LLC	D38033	GOLDEN VALLEY, ND	3	0010206629	WSBI711	N
T-Mobile License LLC	D38035	GRAND FORKS, ND	1	0010206629	WSBI712	N
T-Mobile License LLC	D38035	GRAND FORKS, ND	2	0010206629	WSBI713	N
T-Mobile License LLC	D38035	GRAND FORKS, ND	3	0010206629	WSBI714	N
T-Mobile License LLC	D38037	GRANT, ND	2	0010206629	WSBI715	N
T-Mobile License LLC	D38037	GRANT, ND	3	0010206629	WSBI716	N
T-Mobile License LLC	D38039	GRIGGS, ND	2	0010206629	WSBI717	N
T-Mobile License LLC	D38039	GRIGGS, ND	3	0010206629	WSBI718	N
T-Mobile License LLC	D38041	HETTINGER, ND	1	0010206629	WSBI719	N
T-Mobile License LLC	D38041	HETTINGER, ND	2	0010206629	WSBI720	N
T-Mobile License LLC	D38041	HETTINGER, ND	3	0010206629	WSBI721	N
T-Mobile License LLC	D38043	KIDDER, ND	2	0010206629	WSBI722	N
T-Mobile License LLC	D38043	KIDDER, ND	3	0010206629	WSBI723	N
T-Mobile License LLC	D38045	LAMOURE, ND	1	0010206629	WSBI724	N
T-Mobile License LLC	D38045	LAMOURE, ND	2	0010206629	WSBI725	N
T-Mobile License LLC	D38045	LAMOURE, ND	3	0010206629	WSBI726	N
T-Mobile License LLC	D38047	LOGAN, ND	2	0010206629	WSBI727	N
T-Mobile License LLC	D38047	LOGAN, ND	3	0010206629	WSBI728	N
T-Mobile License LLC	D38049	MCHENRY, ND	1	0010206629	WSBI729	N
T-Mobile License LLC	D38049	MCHENRY, ND	2	0010206629	WSBI730	N
T-Mobile License LLC	D38049	MCHENRY, ND	3	0010206629	WSBI731	N
T-Mobile License LLC	D38051	MCINTOSH, ND	2	0010206629	WSBI732	N
T-Mobile License LLC	D38051	MCINTOSH, ND	3	0010206629	WSBI733	N
T-Mobile License LLC	D38053	MCKENZIE, ND	1	0010206629	WSBI734	N
T-Mobile License LLC	D38053	MCKENZIE, ND	2	0010206629	WSBI735	N
T-Mobile License LLC	D38053	MCKENZIE, ND	3	0010206629	WSBI736	N
T-Mobile License LLC	D38055	MCLEAN, ND	1	0010206629	WSBI737	N
T-Mobile License LLC	D38055	MCLEAN, ND	2	0010206629	WSBI738	N
T-Mobile License LLC	D38055	MCLEAN, ND	3	0010206629	WSBI739	N
T-Mobile License LLC	D38057	MERCER, ND	2	0010206629	WSBI740	N
T-Mobile License LLC	D38057	MERCER, ND	3	0010206629	WSBI741	N
T-Mobile License LLC	D38059	MORTON, ND	1	0010206629	WSBI742	N
T-Mobile License LLC	D38059	MORTON, ND	2	0010206629	WSBI743	N
T-Mobile License LLC	D38061	MOUNTRAIL, ND	1	0010206629	WSBI744	N
T-Mobile License LLC	D38061	MOUNTRAIL, ND	2	0010206629	WSBI745	N
T-Mobile License LLC	D38061	MOUNTRAIL, ND	3	0010206629	WSBI746	N
T-Mobile License LLC	D38063	NELSON, ND	1	0010206629	WSBI747	N
T-Mobile License LLC	D38063	NELSON, ND	2	0010206629	WSBI748	N
T-Mobile License LLC	D38063	NELSON, ND	3	0010206629	WSBI749	N
T-Mobile License LLC	D38065	OLIVER, ND	2	0010206629	WSBI750	N
T-Mobile License LLC	D38065	OLIVER, ND	3	0010206629	WSBI751	N
T-Mobile License LLC	D38067	PEMBINA, ND	1	0010206629	WSBI752	N
T-Mobile License LLC	D38067	PEMBINA, ND	2	0010206629	WSBI753	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D38067	PEMBINA, ND	3	0010206629	WSBI754	N
T-Mobile License LLC	D38069	PIERCE, ND	1	0010206629	WSBI755	N
T-Mobile License LLC	D38069	PIERCE, ND	2	0010206629	WSBI756	N
T-Mobile License LLC	D38069	PIERCE, ND	3	0010206629	WSBI757	N
T-Mobile License LLC	D38071	RAMSEY, ND	1	0010206629	WSBI758	N
T-Mobile License LLC	D38071	RAMSEY, ND	2	0010206629	WSBI759	N
T-Mobile License LLC	D38071	RAMSEY, ND	3	0010206629	WSBI760	N
T-Mobile License LLC	D38073	RANSOM, ND	1	0010206629	WSBI761	N
T-Mobile License LLC	D38073	RANSOM, ND	2	0010206629	WSBI762	N
T-Mobile License LLC	D38073	RANSOM, ND	3	0010206629	WSBI763	N
T-Mobile License LLC	D38075	RENVILLE, ND	1	0010206629	WSBI764	N
T-Mobile License LLC	D38075	RENVILLE, ND	2	0010206629	WSBI765	N
T-Mobile License LLC	D38075	RENVILLE, ND	3	0010206629	WSBI766	N
T-Mobile License LLC	D38077	RICHLAND, ND	1	0010206629	WSBI767	N
T-Mobile License LLC	D38077	RICHLAND, ND	2	0010206629	WSBI768	N
T-Mobile License LLC	D38077	RICHLAND, ND	3	0010206629	WSBI769	N
T-Mobile License LLC	D38079	ROLETTE, ND	1	0010206629	WSBI770	N
T-Mobile License LLC	D38079	ROLETTE, ND	2	0010206629	WSBI771	N
T-Mobile License LLC	D38079	ROLETTE, ND	3	0010206629	WSBI772	N
T-Mobile License LLC	D38081	SARGENT, ND	1	0010206629	WSBI773	N
T-Mobile License LLC	D38081	SARGENT, ND	2	0010206629	WSBI774	N
T-Mobile License LLC	D38081	SARGENT, ND	3	0010206629	WSBI775	N
T-Mobile License LLC	D38083	SHERIDAN, ND	1	0010206629	WSBI776	N
T-Mobile License LLC	D38083	SHERIDAN, ND	2	0010206629	WSBI777	N
T-Mobile License LLC	D38083	SHERIDAN, ND	3	0010206629	WSBI778	N
T-Mobile License LLC	D38087	SLOPE, ND	1	0010206629	WSBI779	N
T-Mobile License LLC	D38087	SLOPE, ND	2	0010206629	WSBI780	N
T-Mobile License LLC	D38087	SLOPE, ND	3	0010206629	WSBI781	N
T-Mobile License LLC	D38089	STARK, ND	1	0010206629	WSBI782	N
T-Mobile License LLC	D38089	STARK, ND	2	0010206629	WSBI783	N
T-Mobile License LLC	D38089	STARK, ND	3	0010206629	WSBI784	N
T-Mobile License LLC	D38091	STEELE, ND	2	0010206629	WSBI785	N
T-Mobile License LLC	D38091	STEELE, ND	3	0010206629	WSBI786	N
T-Mobile License LLC	D38093	STUTSMAN, ND	1	0010206629	WSBI787	N
T-Mobile License LLC	D38093	STUTSMAN, ND	2	0010206629	WSBI788	N
T-Mobile License LLC	D38093	STUTSMAN, ND	3	0010206629	WSBI789	N
T-Mobile License LLC	D38095	TOWNER, ND	1	0010206629	WSBI790	N
T-Mobile License LLC	D38095	TOWNER, ND	2	0010206629	WSBI791	N
T-Mobile License LLC	D38095	TOWNER, ND	3	0010206629	WSBI792	N
T-Mobile License LLC	D38097	TRAILL, ND	2	0010206629	WSBI793	N
T-Mobile License LLC	D38097	TRAILL, ND	3	0010206629	WSBI794	N
T-Mobile License LLC	D38099	WALSH, ND	2	0010206629	WSBI795	N
T-Mobile License LLC	D38099	WALSH, ND	3	0010206629	WSBI796	N
T-Mobile License LLC	D38101	WARD, ND	1	0010206629	WSBI797	N
T-Mobile License LLC	D38101	WARD, ND	2	0010206629	WSBI798	N
T-Mobile License LLC	D38101	WARD, ND	3	0010206629	WSBI799	N
T-Mobile License LLC	D38103	WELLS, ND	1	0010206629	WSBI800	N
T-Mobile License LLC	D38103	WELLS, ND	2	0010206629	WSBI801	N
T-Mobile License LLC	D38103	WELLS, ND	3	0010206629	WSBI802	N
T-Mobile License LLC	D38105	WILLIAMS, ND	1	0010206629	WSBI803	N
T-Mobile License LLC	D38105	WILLIAMS, ND	2	0010206629	WSBI804	N
T-Mobile License LLC	D38105	WILLIAMS, ND	3	0010206629	WSBI805	N
T-Mobile License LLC	D39001	ADAMS, OH	1	0010206629	WSBI806	N
T-Mobile License LLC	D39001	ADAMS, OH	2	0010206629	WSBI807	N
T-Mobile License LLC	D39001	ADAMS, OH	3	0010206629	WSBI808	N
T-Mobile License LLC	D39005	ASHLAND, OH	1	0010206629	WSBI809	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D39005	ASHLAND, OH	2	0010206629	WSBI810	N
T-Mobile License LLC	D39005	ASHLAND, OH	3	0010206629	WSBI811	N
T-Mobile License LLC	D39009	ATHENS, OH	2	0010206629	WSBI812	N
T-Mobile License LLC	D39009	ATHENS, OH	3	0010206629	WSBI813	N
T-Mobile License LLC	D39013	BELMONT, OH	2	0010206629	WSBI814	N
T-Mobile License LLC	D39013	BELMONT, OH	3	0010206629	WSBI815	N
T-Mobile License LLC	D39015	BROWN, OH	1	0010206629	WSBI816	N
T-Mobile License LLC	D39015	BROWN, OH	2	0010206629	WSBI817	N
T-Mobile License LLC	D39015	BROWN, OH	3	0010206629	WSBI818	N
T-Mobile License LLC	D39019	CARROLL, OH	1	0010206629	WSBI819	N
T-Mobile License LLC	D39019	CARROLL, OH	2	0010206629	WSBI820	N
T-Mobile License LLC	D39019	CARROLL, OH	3	0010206629	WSBI821	N
T-Mobile License LLC	D39025	CLERMONT, OH	1	0010206629	WSBI822	N
T-Mobile License LLC	D39025	CLERMONT, OH	2	0010206629	WSBI823	N
T-Mobile License LLC	D39025	CLERMONT, OH	3	0010206629	WSBI824	N
T-Mobile License LLC	D39027	CLINTON, OH	1	0010206629	WSBI825	N
T-Mobile License LLC	D39027	CLINTON, OH	2	0010206629	WSBI826	N
T-Mobile License LLC	D39027	CLINTON, OH	3	0010206629	WSBI827	N
T-Mobile License LLC	D39031	COSHOCTON, OH	2	0010206629	WSBI828	N
T-Mobile License LLC	D39031	COSHOCTON, OH	3	0010206629	WSBI829	N
T-Mobile License LLC	D39037	DARKE, OH	1	0010206629	WSBI830	N
T-Mobile License LLC	D39037	DARKE, OH	2	0010206629	WSBI831	N
T-Mobile License LLC	D39037	DARKE, OH	3	0010206629	WSBI832	N
T-Mobile License LLC	D39039	DEFIANCE, OH	2	0010206629	WSBI833	N
T-Mobile License LLC	D39039	DEFIANCE, OH	3	0010206629	WSBI834	N
T-Mobile License LLC	D39043	ERIE, OH	2	0010206629	WSBI835	N
T-Mobile License LLC	D39043	ERIE, OH	3	0010206629	WSBI836	N
T-Mobile License LLC	D39045	FAIRFIELD, OH	1	0010206629	WSBI837	N
T-Mobile License LLC	D39045	FAIRFIELD, OH	2	0010206629	WSBI838	N
T-Mobile License LLC	D39045	FAIRFIELD, OH	3	0010206629	WSBI839	N
T-Mobile License LLC	D39047	FAYETTE, OH	1	0010206629	WSBI840	N
T-Mobile License LLC	D39047	FAYETTE, OH	2	0010206629	WSBI841	N
T-Mobile License LLC	D39047	FAYETTE, OH	3	0010206629	WSBI842	N
T-Mobile License LLC	D39051	FULTON, OH	1	0010206629	WSBI843	N
T-Mobile License LLC	D39051	FULTON, OH	2	0010206629	WSBI844	N
T-Mobile License LLC	D39051	FULTON, OH	3	0010206629	WSBI845	N
T-Mobile License LLC	D39053	GALLIA, OH	1	0010206629	WSBI846	N
T-Mobile License LLC	D39053	GALLIA, OH	2	0010206629	WSBI847	N
T-Mobile License LLC	D39053	GALLIA, OH	3	0010206629	WSBI848	N
T-Mobile License LLC	D39059	GUERNSEY, OH	2	0010206629	WSBI849	N
T-Mobile License LLC	D39059	GUERNSEY, OH	3	0010206629	WSBI850	N
T-Mobile License LLC	D39061	HAMILTON, OH	1	0010206629	WSBI851	N
T-Mobile License LLC	D39061	HAMILTON, OH	2	0010206629	WSBI852	N
T-Mobile License LLC	D39063	HANCOCK, OH	2	0010206629	WSBI853	N
T-Mobile License LLC	D39063	HANCOCK, OH	3	0010206629	WSBI854	N
T-Mobile License LLC	D39067	HARRISON, OH	2	0010206629	WSBI855	N
T-Mobile License LLC	D39067	HARRISON, OH	3	0010206629	WSBI856	N
T-Mobile License LLC	D39069	HENRY, OH	1	0010206629	WSBI857	N
T-Mobile License LLC	D39069	HENRY, OH	2	0010206629	WSBI858	N
T-Mobile License LLC	D39069	HENRY, OH	3	0010206629	WSBI859	N
T-Mobile License LLC	D39071	HIGHLAND, OH	1	0010206629	WSBI860	N
T-Mobile License LLC	D39071	HIGHLAND, OH	2	0010206629	WSBI861	N
T-Mobile License LLC	D39071	HIGHLAND, OH	3	0010206629	WSBI862	N
T-Mobile License LLC	D39073	HOCKING, OH	2	0010206629	WSBI863	N
T-Mobile License LLC	D39073	HOCKING, OH	3	0010206629	WSBI864	N
T-Mobile License LLC	D39075	HOLMES, OH	2	0010206629	WSBI865	N

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T-Mobile License LLC	D39075	HOLMES, OH	3	0010206629	WSBI866	N
T-Mobile License LLC	D39077	HURON, OH	1	0010206629	WSBI867	N
T-Mobile License LLC	D39077	HURON, OH	2	0010206629	WSBI868	N
T-Mobile License LLC	D39077	HURON, OH	3	0010206629	WSBI869	N
T-Mobile License LLC	D39079	JACKSON, OH	1	0010206629	WSBI870	N
T-Mobile License LLC	D39079	JACKSON, OH	2	0010206629	WSBI871	N
T-Mobile License LLC	D39079	JACKSON, OH	3	0010206629	WSBI872	N
T-Mobile License LLC	D39081	JEFFERSON, OH	1	0010206629	WSBI873	N
T-Mobile License LLC	D39081	JEFFERSON, OH	2	0010206629	WSBI874	N
T-Mobile License LLC	D39081	JEFFERSON, OH	3	0010206629	WSBI875	N
T-Mobile License LLC	D39083	KNOX, OH	1	0010206629	WSBI876	N
T-Mobile License LLC	D39083	KNOX, OH	2	0010206629	WSBI877	N
T-Mobile License LLC	D39083	KNOX, OH	3	0010206629	WSBI878	N
T-Mobile License LLC	D39085	LAKE, OH	1	0010206629	WSBI879	N
T-Mobile License LLC	D39085	LAKE, OH	2	0010206629	WSBI880	N
T-Mobile License LLC	D39085	LAKE, OH	3	0010206629	WSBI881	N
T-Mobile License LLC	D39087	LAWRENCE, OH	1	0010206629	WSBI882	N
T-Mobile License LLC	D39087	LAWRENCE, OH	2	0010206629	WSBI883	N
T-Mobile License LLC	D39087	LAWRENCE, OH	3	0010206629	WSBI884	N
T-Mobile License LLC	D39089	LICKING, OH	1	0010206629	WSBI885	N
T-Mobile License LLC	D39089	LICKING, OH	2	0010206629	WSBI886	N
T-Mobile License LLC	D39089	LICKING, OH	3	0010206629	WSBI887	N
T-Mobile License LLC	D39093	LORAIN, OH	1	0010206629	WSBI888	N
T-Mobile License LLC	D39093	LORAIN, OH	2	0010206629	WSBI889	N
T-Mobile License LLC	D39093	LORAIN, OH	3	0010206629	WSBI890	N
T-Mobile License LLC	D39097	MADISON, OH	1	0010206629	WSBI891	N
T-Mobile License LLC	D39097	MADISON, OH	2	0010206629	WSBI892	N
T-Mobile License LLC	D39097	MADISON, OH	3	0010206629	WSBI893	N
T-Mobile License LLC	D39103	MEDINA, OH	1	0010206629	WSBI894	N
T-Mobile License LLC	D39103	MEDINA, OH	2	0010206629	WSBI895	N
T-Mobile License LLC	D39105	MEIGS, OH	1	0010206629	WSBI896	N
T-Mobile License LLC	D39105	MEIGS, OH	2	0010206629	WSBI897	N
T-Mobile License LLC	D39105	MEIGS, OH	3	0010206629	WSBI898	N
T-Mobile License LLC	D39107	MERCER, OH	1	0010206629	WSBI899	N
T-Mobile License LLC	D39107	MERCER, OH	2	0010206629	WSBI900	N
T-Mobile License LLC	D39107	MERCER, OH	3	0010206629	WSBI901	N
T-Mobile License LLC	D39111	MONROE, OH	1	0010206629	WSBI902	N
T-Mobile License LLC	D39111	MONROE, OH	2	0010206629	WSBI903	N
T-Mobile License LLC	D39111	MONROE, OH	3	0010206629	WSBI904	N
T-Mobile License LLC	D39115	MORGAN, OH	1	0010206629	WSBI905	N
T-Mobile License LLC	D39115	MORGAN, OH	2	0010206629	WSBI906	N
T-Mobile License LLC	D39115	MORGAN, OH	3	0010206629	WSBI907	N
T-Mobile License LLC	D39117	MORROW, OH	1	0010206629	WSBI908	N
T-Mobile License LLC	D39117	MORROW, OH	2	0010206629	WSBI909	N
T-Mobile License LLC	D39117	MORROW, OH	3	0010206629	WSBI910	N
T-Mobile License LLC	D39119	MUSKINGUM, OH	2	0010206629	WSBI911	N
T-Mobile License LLC	D39119	MUSKINGUM, OH	3	0010206629	WSBI912	N
T-Mobile License LLC	D39121	NOBLE, OH	1	0010206629	WSBI913	N
T-Mobile License LLC	D39121	NOBLE, OH	2	0010206629	WSBI914	N
T-Mobile License LLC	D39121	NOBLE, OH	3	0010206629	WSBI915	N
T-Mobile License LLC	D39123	OTTAWA, OH	1	0010206629	WSBI916	N
T-Mobile License LLC	D39123	OTTAWA, OH	2	0010206629	WSBI917	N
T-Mobile License LLC	D39123	OTTAWA, OH	3	0010206629	WSBI918	N
T-Mobile License LLC	D39125	PAULDING, OH	2	0010206629	WSBI919	N
T-Mobile License LLC	D39125	PAULDING, OH	3	0010206629	WSBI920	N
T-Mobile License LLC	D39127	PERRY, OH	2	0010206629	WSBI921	N

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T-Mobile License LLC	D39127	PERRY, OH	3	0010206629	WSBI922	N
T-Mobile License LLC	D39129	PICKAWAY, OH	1	0010206629	WSBI923	N
T-Mobile License LLC	D39129	PICKAWAY, OH	2	0010206629	WSBI924	N
T-Mobile License LLC	D39129	PICKAWAY, OH	3	0010206629	WSBI925	N
T-Mobile License LLC	D39131	PIKE, OH	1	0010206629	WSBI926	N
T-Mobile License LLC	D39131	PIKE, OH	2	0010206629	WSBI927	N
T-Mobile License LLC	D39131	PIKE, OH	3	0010206629	WSBI928	N
T-Mobile License LLC	D39139	RICHLAND, OH	1	0010206629	WSBI929	N
T-Mobile License LLC	D39139	RICHLAND, OH	2	0010206629	WSBI930	N
T-Mobile License LLC	D39139	RICHLAND, OH	3	0010206629	WSBI931	N
T-Mobile License LLC	D39141	ROSS, OH	1	0010206629	WSBI932	N
T-Mobile License LLC	D39141	ROSS, OH	2	0010206629	WSBI933	N
T-Mobile License LLC	D39141	ROSS, OH	3	0010206629	WSBI934	N
T-Mobile License LLC	D39143	SANDUSKY, OH	3	0010206629	WSBI935	N
T-Mobile License LLC	D39145	SCIOTO, OH	1	0010206629	WSBI936	N
T-Mobile License LLC	D39145	SCIOTO, OH	2	0010206629	WSBI937	N
T-Mobile License LLC	D39145	SCIOTO, OH	3	0010206629	WSBI938	N
T-Mobile License LLC	D39151	STARK, OH	2	0010206629	WSBI939	N
T-Mobile License LLC	D39151	STARK, OH	3	0010206629	WSBI940	N
T-Mobile License LLC	D39157	TUSCARAWAS, OH	1	0010206629	WSBI941	N
T-Mobile License LLC	D39157	TUSCARAWAS, OH	2	0010206629	WSBI942	N
T-Mobile License LLC	D39157	TUSCARAWAS, OH	3	0010206629	WSBI943	N
T-Mobile License LLC	D39163	VINTON, OH	2	0010206629	WSBI944	N
T-Mobile License LLC	D39163	VINTON, OH	3	0010206629	WSBI945	N
T-Mobile License LLC	D39167	WASHINGTON, OH	1	0010206629	WSBI946	N
T-Mobile License LLC	D39167	WASHINGTON, OH	2	0010206629	WSBI947	N
T-Mobile License LLC	D39167	WASHINGTON, OH	3	0010206629	WSBI948	N
T-Mobile License LLC	D39169	WAYNE, OH	1	0010206629	WSBI949	N
T-Mobile License LLC	D39169	WAYNE, OH	2	0010206629	WSBI950	N
T-Mobile License LLC	D39169	WAYNE, OH	3	0010206629	WSBI951	N
T-Mobile License LLC	D39171	WILLIAMS, OH	1	0010206629	WSBI952	N
T-Mobile License LLC	D39171	WILLIAMS, OH	2	0010206629	WSBI953	N
T-Mobile License LLC	D39171	WILLIAMS, OH	3	0010206629	WSBI954	N
T-Mobile License LLC	D39173	WOOD, OH	1	0010206629	WSBI955	N
T-Mobile License LLC	D39173	WOOD, OH	2	0010206629	WSBI956	N
T-Mobile License LLC	D39173	WOOD, OH	3	0010206629	WSBI957	N
T-Mobile License LLC	D40001	ADAIR, OK	1	0010206629	WSBI958	N
T-Mobile License LLC	D40001	ADAIR, OK	2	0010206629	WSBI959	N
T-Mobile License LLC	D40001	ADAIR, OK	3	0010206629	WSBI960	N
T-Mobile License LLC	D40007	BEAVER, OK	1	0010206629	WSBI961	N
T-Mobile License LLC	D40007	BEAVER, OK	2	0010206629	WSBI962	N
T-Mobile License LLC	D40009	BECKHAM, OK	1	0010206629	WSBI963	N
T-Mobile License LLC	D40009	BECKHAM, OK	2	0010206629	WSBI964	N
T-Mobile License LLC	D40009	BECKHAM, OK	3	0010206629	WSBI965	N
T-Mobile License LLC	D40013	BRYAN, OK	2	0010206629	WSBI966	N
T-Mobile License LLC	D40013	BRYAN, OK	3	0010206629	WSBI967	N
T-Mobile License LLC	D40015	CADDO, OK	1	0010206629	WSBI968	N
T-Mobile License LLC	D40015	CADDO, OK	2	0010206629	WSBI969	N
T-Mobile License LLC	D40015	CADDO, OK	3	0010206629	WSBI970	N
T-Mobile License LLC	D40021	CHEROKEE, OK	1	0010206629	WSBI971	N
T-Mobile License LLC	D40021	CHEROKEE, OK	2	0010206629	WSBI972	N
T-Mobile License LLC	D40021	CHEROKEE, OK	3	0010206629	WSBI973	N
T-Mobile License LLC	D40023	CHOCTAW, OK	2	0010206629	WSBI974	N
T-Mobile License LLC	D40023	CHOCTAW, OK	3	0010206629	WSBI975	N
T-Mobile License LLC	D40025	CIMARRON, OK	1	0010206629	WSBI976	N
T-Mobile License LLC	D40025	CIMARRON, OK	2	0010206629	WSBI977	N

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T-Mobile License LLC	D40031	COMANCHE, OK	1	0010206629	WSBI978	N
T-Mobile License LLC	D40031	COMANCHE, OK	2	0010206629	WSBI979	N
T-Mobile License LLC	D40031	COMANCHE, OK	3	0010206629	WSBI980	N
T-Mobile License LLC	D40033	COTTON, OK	1	0010206629	WSBI981	N
T-Mobile License LLC	D40033	COTTON, OK	2	0010206629	WSBI982	N
T-Mobile License LLC	D40033	COTTON, OK	3	0010206629	WSBI983	N
T-Mobile License LLC	D40035	CRAIG, OK	1	0010206629	WSBI984	N
T-Mobile License LLC	D40035	CRAIG, OK	2	0010206629	WSBI985	N
T-Mobile License LLC	D40035	CRAIG, OK	3	0010206629	WSBI986	N
T-Mobile License LLC	D40041	DELAWARE, OK	3	0010206629	WSBI987	N
T-Mobile License LLC	D40045	ELLIS, OK	1	0010206629	WSBI988	N
T-Mobile License LLC	D40045	ELLIS, OK	2	0010206629	WSBI989	N
T-Mobile License LLC	D40051	GRADY, OK	1	0010206629	WSBI990	N
T-Mobile License LLC	D40051	GRADY, OK	2	0010206629	WSBI991	N
T-Mobile License LLC	D40051	GRADY, OK	3	0010206629	WSBI992	N
T-Mobile License LLC	D40055	GREER, OK	1	0010206629	WSBI993	N
T-Mobile License LLC	D40055	GREER, OK	2	0010206629	WSBI994	N
T-Mobile License LLC	D40055	GREER, OK	3	0010206629	WSBI995	N
T-Mobile License LLC	D40057	HARMON, OK	1	0010206629	WSBI996	N
T-Mobile License LLC	D40057	HARMON, OK	2	0010206629	WSBI997	N
T-Mobile License LLC	D40057	HARMON, OK	3	0010206629	WSBI998	N
T-Mobile License LLC	D40065	JACKSON, OK	1	0010206629	WSBI999	N
T-Mobile License LLC	D40065	JACKSON, OK	2	0010206629	WSBJ200	N
T-Mobile License LLC	D40065	JACKSON, OK	3	0010206629	WSBJ201	N
T-Mobile License LLC	D40067	JEFFERSON, OK	3	0010206629	WSBJ202	N
T-Mobile License LLC	D40071	KAY, OK	1	0010206629	WSBJ203	N
T-Mobile License LLC	D40071	KAY, OK	2	0010206629	WSBJ204	N
T-Mobile License LLC	D40071	KAY, OK	3	0010206629	WSBJ205	N
T-Mobile License LLC	D40073	KINGFISHER, OK	1	0010206629	WSBJ206	N
T-Mobile License LLC	D40073	KINGFISHER, OK	2	0010206629	WSBJ207	N
T-Mobile License LLC	D40073	KINGFISHER, OK	3	0010206629	WSBJ208	N
T-Mobile License LLC	D40075	KIOWA, OK	1	0010206629	WSBJ209	N
T-Mobile License LLC	D40075	KIOWA, OK	2	0010206629	WSBJ210	N
T-Mobile License LLC	D40075	KIOWA, OK	3	0010206629	WSBJ211	N
T-Mobile License LLC	D40081	LINCOLN, OK	1	0010206629	WSBJ212	N
T-Mobile License LLC	D40081	LINCOLN, OK	2	0010206629	WSBJ213	N
T-Mobile License LLC	D40081	LINCOLN, OK	3	0010206629	WSBJ214	N
T-Mobile License LLC	D40083	LOGAN, OK	1	0010206629	WSBJ215	N
T-Mobile License LLC	D40083	LOGAN, OK	2	0010206629	WSBJ216	N
T-Mobile License LLC	D40083	LOGAN, OK	3	0010206629	WSBJ217	N
T-Mobile License LLC	D40091	MCINTOSH, OK	2	0010206629	WSBJ218	N
T-Mobile License LLC	D40091	MCINTOSH, OK	3	0010206629	WSBJ219	N
T-Mobile License LLC	D40097	MAYES, OK	1	0010206629	WSBJ220	N
T-Mobile License LLC	D40097	MAYES, OK	2	0010206629	WSBJ221	N
T-Mobile License LLC	D40097	MAYES, OK	3	0010206629	WSBJ222	N
T-Mobile License LLC	D40101	MUSKOGEE, OK	1	0010206629	WSBJ223	N
T-Mobile License LLC	D40101	MUSKOGEE, OK	2	0010206629	WSBJ224	N
T-Mobile License LLC	D40101	MUSKOGEE, OK	3	0010206629	WSBJ225	N
T-Mobile License LLC	D40103	NOBLE, OK	1	0010206629	WSBJ226	N
T-Mobile License LLC	D40103	NOBLE, OK	2	0010206629	WSBJ227	N
T-Mobile License LLC	D40103	NOBLE, OK	3	0010206629	WSBJ228	N
T-Mobile License LLC	D40105	NOWATA, OK	1	0010206629	WSBJ229	N
T-Mobile License LLC	D40105	NOWATA, OK	2	0010206629	WSBJ230	N
T-Mobile License LLC	D40115	OTTAWA, OK	1	0010206629	WSBJ231	N
T-Mobile License LLC	D40115	OTTAWA, OK	2	0010206629	WSBJ232	N
T-Mobile License LLC	D40115	OTTAWA, OK	3	0010206629	WSBJ233	N

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T-Mobile License LLC	D40117	PAWNEE, OK	2	0010206629	WSBJ234	N
T-Mobile License LLC	D40117	PAWNEE, OK	3	0010206629	WSBJ235	N
T-Mobile License LLC	D40131	ROGERS, OK	1	0010206629	WSBJ236	N
T-Mobile License LLC	D40131	ROGERS, OK	2	0010206629	WSBJ237	N
T-Mobile License LLC	D40131	ROGERS, OK	3	0010206629	WSBJ238	N
T-Mobile License LLC	D40133	SEMINOLE, OK	1	0010206629	WSBJ239	N
T-Mobile License LLC	D40133	SEMINOLE, OK	2	0010206629	WSBJ240	N
T-Mobile License LLC	D40135	SEQUOYAH, OK	2	0010206629	WSBJ241	N
T-Mobile License LLC	D40135	SEQUOYAH, OK	3	0010206629	WSBJ242	N
T-Mobile License LLC	D40137	STEPHENS, OK	1	0010206629	WSBJ243	N
T-Mobile License LLC	D40137	STEPHENS, OK	2	0010206629	WSBJ244	N
T-Mobile License LLC	D40137	STEPHENS, OK	3	0010206629	WSBJ245	N
T-Mobile License LLC	D40139	TEXAS, OK	1	0010206629	WSBJ246	N
T-Mobile License LLC	D40141	TILLMAN, OK	1	0010206629	WSBJ247	N
T-Mobile License LLC	D40141	TILLMAN, OK	2	0010206629	WSBJ248	N
T-Mobile License LLC	D40141	TILLMAN, OK	3	0010206629	WSBJ249	N
T-Mobile License LLC	D40145	WAGONER, OK	1	0010206629	WSBJ250	N
T-Mobile License LLC	D40145	WAGONER, OK	2	0010206629	WSBJ251	N
T-Mobile License LLC	D40145	WAGONER, OK	3	0010206629	WSBJ252	N
T-Mobile License LLC	D40147	WASHINGTON, OK	1	0010206629	WSBJ253	N
T-Mobile License LLC	D40147	WASHINGTON, OK	2	0010206629	WSBJ254	N
T-Mobile License LLC	D40149	WASHITA, OK	1	0010206629	WSBJ255	N
T-Mobile License LLC	D40149	WASHITA, OK	2	0010206629	WSBJ256	N
T-Mobile License LLC	D40149	WASHITA, OK	3	0010206629	WSBJ257	N
T-Mobile License LLC	D41001	BAKER, OR	1	0010206629	WSBJ258	N
T-Mobile License LLC	D41001	BAKER, OR	2	0010206629	WSBJ259	N
T-Mobile License LLC	D41001	BAKER, OR	3	0010206629	WSBJ260	N
T-Mobile License LLC	D41003	BENTON, OR	1	0010206629	WSBJ261	N
T-Mobile License LLC	D41003	BENTON, OR	2	0010206629	WSBJ262	N
T-Mobile License LLC	D41003	BENTON, OR	3	0010206629	WSBJ263	N
T-Mobile License LLC	D41005	CLACKAMAS, OR	1	0010206629	WSBJ264	N
T-Mobile License LLC	D41005	CLACKAMAS, OR	2	0010206629	WSBJ265	N
T-Mobile License LLC	D41005	CLACKAMAS, OR	3	0010206629	WSBJ266	N
T-Mobile License LLC	D41007	CLATSOP, OR	2	0010206629	WSBJ267	N
T-Mobile License LLC	D41007	CLATSOP, OR	3	0010206629	WSBJ268	N
T-Mobile License LLC	D41009	COLUMBIA, OR	1	0010206629	WSBJ269	N
T-Mobile License LLC	D41009	COLUMBIA, OR	2	0010206629	WSBJ270	N
T-Mobile License LLC	D41009	COLUMBIA, OR	3	0010206629	WSBJ271	N
T-Mobile License LLC	D41011	COOS, OR	2	0010206629	WSBJ272	N
T-Mobile License LLC	D41011	COOS, OR	3	0010206629	WSBJ273	N
T-Mobile License LLC	D41013	CROOK, OR	1	0010206629	WSBJ274	N
T-Mobile License LLC	D41013	CROOK, OR	2	0010206629	WSBJ275	N
T-Mobile License LLC	D41013	CROOK, OR	3	0010206629	WSBJ276	N
T-Mobile License LLC	D41015	CURRY, OR	1	0010206629	WSBJ277	N
T-Mobile License LLC	D41015	CURRY, OR	2	0010206629	WSBJ278	N
T-Mobile License LLC	D41015	CURRY, OR	3	0010206629	WSBJ279	N
T-Mobile License LLC	D41017	DESCHUTES, OR	1	0010206629	WSBJ280	N
T-Mobile License LLC	D41017	DESCHUTES, OR	2	0010206629	WSBJ281	N
T-Mobile License LLC	D41017	DESCHUTES, OR	3	0010206629	WSBJ282	N
T-Mobile License LLC	D41019	DOUGLAS, OR	2	0010206629	WSBJ283	N
T-Mobile License LLC	D41019	DOUGLAS, OR	3	0010206629	WSBJ284	N
T-Mobile License LLC	D41021	GILLIAM, OR	1	0010206629	WSBJ285	N
T-Mobile License LLC	D41021	GILLIAM, OR	2	0010206629	WSBJ286	N
T-Mobile License LLC	D41021	GILLIAM, OR	3	0010206629	WSBJ287	N
T-Mobile License LLC	D41023	GRANT, OR	1	0010206629	WSBJ288	N
T-Mobile License LLC	D41023	GRANT, OR	2	0010206629	WSBJ289	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D41023	GRANT, OR	3	0010206629	WSBJ290	N
T-Mobile License LLC	D41025	HARNEY, OR	2	0010206629	WSBJ291	N
T-Mobile License LLC	D41025	HARNEY, OR	3	0010206629	WSBJ292	N
T-Mobile License LLC	D41027	HOOD RIVER, OR	1	0010206629	WSBJ293	N
T-Mobile License LLC	D41027	HOOD RIVER, OR	2	0010206629	WSBJ294	N
T-Mobile License LLC	D41027	HOOD RIVER, OR	3	0010206629	WSBJ295	N
T-Mobile License LLC	D41029	JACKSON, OR	1	0010206629	WSBJ296	N
T-Mobile License LLC	D41029	JACKSON, OR	2	0010206629	WSBJ297	N
T-Mobile License LLC	D41029	JACKSON, OR	3	0010206629	WSBJ298	N
T-Mobile License LLC	D41031	JEFFERSON, OR	1	0010206629	WSBJ299	N
T-Mobile License LLC	D41031	JEFFERSON, OR	2	0010206629	WSBJ300	N
T-Mobile License LLC	D41031	JEFFERSON, OR	3	0010206629	WSBJ301	N
T-Mobile License LLC	D41033	JOSEPHINE, OR	1	0010206629	WSBJ302	N
T-Mobile License LLC	D41033	JOSEPHINE, OR	2	0010206629	WSBJ303	N
T-Mobile License LLC	D41033	JOSEPHINE, OR	3	0010206629	WSBJ304	N
T-Mobile License LLC	D41035	KLAMATH, OR	2	0010206629	WSBJ305	N
T-Mobile License LLC	D41035	KLAMATH, OR	3	0010206629	WSBJ306	N
T-Mobile License LLC	D41037	LAKE, OR	1	0010206629	WSBJ307	N
T-Mobile License LLC	D41037	LAKE, OR	2	0010206629	WSBJ308	N
T-Mobile License LLC	D41037	LAKE, OR	3	0010206629	WSBJ309	N
T-Mobile License LLC	D41039	LANE, OR	1	0010206629	WSBJ310	N
T-Mobile License LLC	D41039	LANE, OR	2	0010206629	WSBJ311	N
T-Mobile License LLC	D41039	LANE, OR	3	0010206629	WSBJ312	N
T-Mobile License LLC	D41041	LINCOLN, OR	1	0010206629	WSBJ313	N
T-Mobile License LLC	D41041	LINCOLN, OR	2	0010206629	WSBJ314	N
T-Mobile License LLC	D41041	LINCOLN, OR	3	0010206629	WSBJ315	N
T-Mobile License LLC	D41043	LINN, OR	1	0010206629	WSBJ316	N
T-Mobile License LLC	D41043	LINN, OR	2	0010206629	WSBJ317	N
T-Mobile License LLC	D41043	LINN, OR	3	0010206629	WSBJ318	N
T-Mobile License LLC	D41045	MALHEUR, OR	2	0010206629	WSBJ319	N
T-Mobile License LLC	D41045	MALHEUR, OR	3	0010206629	WSBJ320	N
T-Mobile License LLC	D41047	MARION, OR	1	0010206629	WSBJ321	N
T-Mobile License LLC	D41047	MARION, OR	2	0010206629	WSBJ322	N
T-Mobile License LLC	D41047	MARION, OR	3	0010206629	WSBJ323	N
T-Mobile License LLC	D41049	MORROW, OR	1	0010206629	WSBJ324	N
T-Mobile License LLC	D41049	MORROW, OR	2	0010206629	WSBJ325	N
T-Mobile License LLC	D41049	MORROW, OR	3	0010206629	WSBJ326	N
T-Mobile License LLC	D41051	MULTNOMAH, OR	1	0010206629	WSBJ327	N
T-Mobile License LLC	D41051	MULTNOMAH, OR	2	0010206629	WSBJ328	N
T-Mobile License LLC	D41051	MULTNOMAH, OR	3	0010206629	WSBJ329	N
T-Mobile License LLC	D41055	SHERMAN, OR	1	0010206629	WSBJ330	N
T-Mobile License LLC	D41055	SHERMAN, OR	2	0010206629	WSBJ331	N
T-Mobile License LLC	D41055	SHERMAN, OR	3	0010206629	WSBJ332	N
T-Mobile License LLC	D41057	TILLAMOOK, OR	2	0010206629	WSBJ333	N
T-Mobile License LLC	D41057	TILLAMOOK, OR	3	0010206629	WSBJ334	N
T-Mobile License LLC	D41059	UMATILLA, OR	1	0010206629	WSBJ335	N
T-Mobile License LLC	D41059	UMATILLA, OR	2	0010206629	WSBJ336	N
T-Mobile License LLC	D41059	UMATILLA, OR	3	0010206629	WSBJ337	N
T-Mobile License LLC	D41061	UNION, OR	1	0010206629	WSBJ338	N
T-Mobile License LLC	D41061	UNION, OR	2	0010206629	WSBJ339	N
T-Mobile License LLC	D41061	UNION, OR	3	0010206629	WSBJ340	N
T-Mobile License LLC	D41063	WALLOWA, OR	1	0010206629	WSBJ341	N
T-Mobile License LLC	D41063	WALLOWA, OR	2	0010206629	WSBJ342	N
T-Mobile License LLC	D41063	WALLOWA, OR	3	0010206629	WSBJ343	N
T-Mobile License LLC	D41065	WASCO, OR	1	0010206629	WSBJ344	N
T-Mobile License LLC	D41065	WASCO, OR	2	0010206629	WSBJ345	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D41065	WASCO, OR	3	0010206629	WSBJ346	N
T-Mobile License LLC	D41067	WASHINGTON, OR	1	0010206629	WSBJ347	N
T-Mobile License LLC	D41067	WASHINGTON, OR	2	0010206629	WSBJ348	N
T-Mobile License LLC	D41067	WASHINGTON, OR	3	0010206629	WSBJ349	N
T-Mobile License LLC	D41069	WHEELER, OR	1	0010206629	WSBJ350	N
T-Mobile License LLC	D41069	WHEELER, OR	2	0010206629	WSBJ351	N
T-Mobile License LLC	D41069	WHEELER, OR	3	0010206629	WSBJ352	N
T-Mobile License LLC	D41071	YAMHILL, OR	1	0010206629	WSBJ353	N
T-Mobile License LLC	D41071	YAMHILL, OR	2	0010206629	WSBJ354	N
T-Mobile License LLC	D41071	YAMHILL, OR	3	0010206629	WSBJ355	N
T-Mobile License LLC	D42001	ADAMS, PA	1	0010206629	WSBJ356	N
T-Mobile License LLC	D42001	ADAMS, PA	2	0010206629	WSBJ357	N
T-Mobile License LLC	D42001	ADAMS, PA	3	0010206629	WSBJ358	N
T-Mobile License LLC	D42005	ARMSTRONG, PA	1	0010206629	WSBJ359	N
T-Mobile License LLC	D42005	ARMSTRONG, PA	2	0010206629	WSBJ360	N
T-Mobile License LLC	D42005	ARMSTRONG, PA	3	0010206629	WSBJ361	N
T-Mobile License LLC	D42009	BEDFORD, PA	1	0010206629	WSBJ362	N
T-Mobile License LLC	D42009	BEDFORD, PA	2	0010206629	WSBJ363	N
T-Mobile License LLC	D42009	BEDFORD, PA	3	0010206629	WSBJ364	N
T-Mobile License LLC	D42011	BERKS, PA	1	0010206629	WSBJ365	N
T-Mobile License LLC	D42011	BERKS, PA	2	0010206629	WSBJ366	N
T-Mobile License LLC	D42011	BERKS, PA	3	0010206629	WSBJ367	N
T-Mobile License LLC	D42013	BLAIR, PA	1	0010206629	WSBJ368	N
T-Mobile License LLC	D42013	BLAIR, PA	2	0010206629	WSBJ369	N
T-Mobile License LLC	D42015	BRADFORD, PA	1	0010206629	WSBJ370	N
T-Mobile License LLC	D42015	BRADFORD, PA	2	0010206629	WSBJ371	N
T-Mobile License LLC	D42015	BRADFORD, PA	3	0010206629	WSBJ372	N
T-Mobile License LLC	D42017	BUCKS, PA	1	0010206629	WSBJ373	N
T-Mobile License LLC	D42017	BUCKS, PA	2	0010206629	WSBJ374	N
T-Mobile License LLC	D42017	BUCKS, PA	3	0010206629	WSBJ375	N
T-Mobile License LLC	D42019	BUTLER, PA	1	0010206629	WSBJ376	N
T-Mobile License LLC	D42019	BUTLER, PA	2	0010206629	WSBJ377	N
T-Mobile License LLC	D42019	BUTLER, PA	3	0010206629	WSBJ378	N
T-Mobile License LLC	D42021	CAMBRIA, PA	2	0010206629	WSBJ379	N
T-Mobile License LLC	D42021	CAMBRIA, PA	3	0010206629	WSBJ380	N
T-Mobile License LLC	D42023	CAMERON, PA	1	0010206629	WSBJ381	N
T-Mobile License LLC	D42023	CAMERON, PA	2	0010206629	WSBJ382	N
T-Mobile License LLC	D42023	CAMERON, PA	3	0010206629	WSBJ383	N
T-Mobile License LLC	D42027	CENTRE, PA	1	0010206629	WSBJ384	N
T-Mobile License LLC	D42027	CENTRE, PA	2	0010206629	WSBJ385	N
T-Mobile License LLC	D42027	CENTRE, PA	3	0010206629	WSBJ386	N
T-Mobile License LLC	D42029	CHESTER, PA	1	0010206629	WSBJ387	N
T-Mobile License LLC	D42029	CHESTER, PA	2	0010206629	WSBJ388	N
T-Mobile License LLC	D42029	CHESTER, PA	3	0010206629	WSBJ389	N
T-Mobile License LLC	D42031	CLARION, PA	1	0010206629	WSBJ390	N
T-Mobile License LLC	D42031	CLARION, PA	2	0010206629	WSBJ391	N
T-Mobile License LLC	D42031	CLARION, PA	3	0010206629	WSBJ392	N
T-Mobile License LLC	D42033	CLEARFIELD, PA	1	0010206629	WSBJ393	N
T-Mobile License LLC	D42033	CLEARFIELD, PA	2	0010206629	WSBJ394	N
T-Mobile License LLC	D42033	CLEARFIELD, PA	3	0010206629	WSBJ395	N
T-Mobile License LLC	D42035	CLINTON, PA	1	0010206629	WSBJ396	N
T-Mobile License LLC	D42035	CLINTON, PA	2	0010206629	WSBJ397	N
T-Mobile License LLC	D42035	CLINTON, PA	3	0010206629	WSBJ398	N
T-Mobile License LLC	D42037	COLUMBIA, PA	1	0010206629	WSBJ399	N
T-Mobile License LLC	D42037	COLUMBIA, PA	2	0010206629	WSBJ400	N
T-Mobile License LLC	D42037	COLUMBIA, PA	3	0010206629	WSBJ401	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D42039	CRAWFORD, PA	1	0010206629	WSBJ402	N
T-Mobile License LLC	D42039	CRAWFORD, PA	2	0010206629	WSBJ403	N
T-Mobile License LLC	D42039	CRAWFORD, PA	3	0010206629	WSBJ404	N
T-Mobile License LLC	D42041	CUMBERLAND, PA	1	0010206629	WSBJ405	N
T-Mobile License LLC	D42041	CUMBERLAND, PA	2	0010206629	WSBJ406	N
T-Mobile License LLC	D42041	CUMBERLAND, PA	3	0010206629	WSBJ407	N
T-Mobile License LLC	D42043	DAUPHIN, PA	2	0010206629	WSBJ408	N
T-Mobile License LLC	D42043	DAUPHIN, PA	3	0010206629	WSBJ409	N
T-Mobile License LLC	D42047	ELK, PA	1	0010206629	WSBJ410	N
T-Mobile License LLC	D42047	ELK, PA	2	0010206629	WSBJ411	N
T-Mobile License LLC	D42047	ELK, PA	3	0010206629	WSBJ412	N
T-Mobile License LLC	D42051	FAYETTE, PA	1	0010206629	WSBJ413	N
T-Mobile License LLC	D42051	FAYETTE, PA	2	0010206629	WSBJ414	N
T-Mobile License LLC	D42051	FAYETTE, PA	3	0010206629	WSBJ415	N
T-Mobile License LLC	D42053	FOREST, PA	1	0010206629	WSBJ416	N
T-Mobile License LLC	D42053	FOREST, PA	2	0010206629	WSBJ417	N
T-Mobile License LLC	D42053	FOREST, PA	3	0010206629	WSBJ418	N
T-Mobile License LLC	D42055	FRANKLIN, PA	1	0010206629	WSBJ419	N
T-Mobile License LLC	D42055	FRANKLIN, PA	2	0010206629	WSBJ420	N
T-Mobile License LLC	D42055	FRANKLIN, PA	3	0010206629	WSBJ421	N
T-Mobile License LLC	D42057	FULTON, PA	1	0010206629	WSBJ422	N
T-Mobile License LLC	D42057	FULTON, PA	2	0010206629	WSBJ423	N
T-Mobile License LLC	D42057	FULTON, PA	3	0010206629	WSBJ424	N
T-Mobile License LLC	D42059	GREENE, PA	1	0010206629	WSBJ425	N
T-Mobile License LLC	D42059	GREENE, PA	2	0010206629	WSBJ426	N
T-Mobile License LLC	D42059	GREENE, PA	3	0010206629	WSBJ427	N
T-Mobile License LLC	D42061	HUNTINGDON, PA	1	0010206629	WSBJ428	N
T-Mobile License LLC	D42061	HUNTINGDON, PA	2	0010206629	WSBJ429	N
T-Mobile License LLC	D42061	HUNTINGDON, PA	3	0010206629	WSBJ430	N
T-Mobile License LLC	D42063	INDIANA, PA	2	0010206629	WSBJ431	N
T-Mobile License LLC	D42063	INDIANA, PA	3	0010206629	WSBJ432	N
T-Mobile License LLC	D42065	JEFFERSON, PA	1	0010206629	WSBJ433	N
T-Mobile License LLC	D42065	JEFFERSON, PA	2	0010206629	WSBJ434	N
T-Mobile License LLC	D42065	JEFFERSON, PA	3	0010206629	WSBJ435	N
T-Mobile License LLC	D42067	JUNIATA, PA	2	0010206629	WSBJ436	N
T-Mobile License LLC	D42067	JUNIATA, PA	3	0010206629	WSBJ437	N
T-Mobile License LLC	D42069	LACKAWANNA, PA	1	0010206629	WSBJ438	N
T-Mobile License LLC	D42069	LACKAWANNA, PA	2	0010206629	WSBJ439	N
T-Mobile License LLC	D42069	LACKAWANNA, PA	3	0010206629	WSBJ440	N
T-Mobile License LLC	D42071	LANCASTER, PA	1	0010206629	WSBJ441	N
T-Mobile License LLC	D42071	LANCASTER, PA	2	0010206629	WSBJ442	N
T-Mobile License LLC	D42071	LANCASTER, PA	3	0010206629	WSBJ443	N
T-Mobile License LLC	D42075	LEBANON, PA	1	0010206629	WSBJ444	N
T-Mobile License LLC	D42075	LEBANON, PA	2	0010206629	WSBJ445	N
T-Mobile License LLC	D42075	LEBANON, PA	3	0010206629	WSBJ446	N
T-Mobile License LLC	D42077	LEHIGH, PA	1	0010206629	WSBJ447	N
T-Mobile License LLC	D42077	LEHIGH, PA	2	0010206629	WSBJ448	N
T-Mobile License LLC	D42077	LEHIGH, PA	3	0010206629	WSBJ449	N
T-Mobile License LLC	D42081	LYCOMING, PA	2	0010206629	WSBJ450	N
T-Mobile License LLC	D42081	LYCOMING, PA	3	0010206629	WSBJ451	N
T-Mobile License LLC	D42083	MCKEAN, PA	1	0010206629	WSBJ452	N
T-Mobile License LLC	D42083	MCKEAN, PA	2	0010206629	WSBJ453	N
T-Mobile License LLC	D42083	MCKEAN, PA	3	0010206629	WSBJ454	N
T-Mobile License LLC	D42085	MERCER, PA	1	0010206629	WSBJ455	N
T-Mobile License LLC	D42085	MERCER, PA	2	0010206629	WSBJ456	N
T-Mobile License LLC	D42089	MONROE, PA	1	0010206629	WSBJ457	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D42089	MONROE, PA	2	0010206629	WSBJ458	N
T-Mobile License LLC	D42089	MONROE, PA	3	0010206629	WSBJ459	N
T-Mobile License LLC	D42093	MONTOUR, PA	1	0010206629	WSBJ460	N
T-Mobile License LLC	D42093	MONTOUR, PA	2	0010206629	WSBJ461	N
T-Mobile License LLC	D42093	MONTOUR, PA	3	0010206629	WSBJ462	N
T-Mobile License LLC	D42095	NORTHAMPTON, PA	1	0010206629	WSBJ463	N
T-Mobile License LLC	D42095	NORTHAMPTON, PA	2	0010206629	WSBJ464	N
T-Mobile License LLC	D42095	NORTHAMPTON, PA	3	0010206629	WSBJ465	N
T-Mobile License LLC	D42097	NORTHUMBERLAND, PA	1	0010206629	WSBJ466	N
T-Mobile License LLC	D42097	NORTHUMBERLAND, PA	2	0010206629	WSBJ467	N
T-Mobile License LLC	D42097	NORTHUMBERLAND, PA	3	0010206629	WSBJ468	N
T-Mobile License LLC	D42099	PERRY, PA	1	0010206629	WSBJ469	N
T-Mobile License LLC	D42099	PERRY, PA	2	0010206629	WSBJ470	N
T-Mobile License LLC	D42099	PERRY, PA	3	0010206629	WSBJ471	N
T-Mobile License LLC	D42103	PIKE, PA	1	0010206629	WSBJ472	N
T-Mobile License LLC	D42103	PIKE, PA	2	0010206629	WSBJ473	N
T-Mobile License LLC	D42103	PIKE, PA	3	0010206629	WSBJ474	N
T-Mobile License LLC	D42105	POTTER, PA	2	0010206629	WSBJ475	N
T-Mobile License LLC	D42105	POTTER, PA	3	0010206629	WSBJ476	N
T-Mobile License LLC	D42107	SCHUYLKILL, PA	1	0010206629	WSBJ477	N
T-Mobile License LLC	D42107	SCHUYLKILL, PA	2	0010206629	WSBJ478	N
T-Mobile License LLC	D42107	SCHUYLKILL, PA	3	0010206629	WSBJ479	N
T-Mobile License LLC	D42109	SNYDER, PA	1	0010206629	WSBJ480	N
T-Mobile License LLC	D42109	SNYDER, PA	2	0010206629	WSBJ481	N
T-Mobile License LLC	D42109	SNYDER, PA	3	0010206629	WSBJ482	N
T-Mobile License LLC	D42111	SOMERSET, PA	1	0010206629	WSBJ483	N
T-Mobile License LLC	D42111	SOMERSET, PA	2	0010206629	WSBJ484	N
T-Mobile License LLC	D42111	SOMERSET, PA	3	0010206629	WSBJ485	N
T-Mobile License LLC	D42113	SULLIVAN, PA	1	0010206629	WSBJ486	N
T-Mobile License LLC	D42113	SULLIVAN, PA	2	0010206629	WSBJ487	N
T-Mobile License LLC	D42113	SULLIVAN, PA	3	0010206629	WSBJ488	N
T-Mobile License LLC	D42115	SUSQUEHANNA, PA	1	0010206629	WSBJ489	N
T-Mobile License LLC	D42115	SUSQUEHANNA, PA	2	0010206629	WSBJ490	N
T-Mobile License LLC	D42115	SUSQUEHANNA, PA	3	0010206629	WSBJ491	N
T-Mobile License LLC	D42117	TIOGA, PA	2	0010206629	WSBJ492	N
T-Mobile License LLC	D42117	TIOGA, PA	3	0010206629	WSBJ493	N
T-Mobile License LLC	D42119	UNION, PA	1	0010206629	WSBJ494	N
T-Mobile License LLC	D42119	UNION, PA	2	0010206629	WSBJ495	N
T-Mobile License LLC	D42119	UNION, PA	3	0010206629	WSBJ496	N
T-Mobile License LLC	D42121	VENANGO, PA	1	0010206629	WSBJ497	N
T-Mobile License LLC	D42121	VENANGO, PA	2	0010206629	WSBJ498	N
T-Mobile License LLC	D42121	VENANGO, PA	3	0010206629	WSBJ499	N
T-Mobile License LLC	D42123	WARREN, PA	1	0010206629	WSBJ500	N
T-Mobile License LLC	D42123	WARREN, PA	2	0010206629	WSBJ501	N
T-Mobile License LLC	D42123	WARREN, PA	3	0010206629	WSBJ502	N
T-Mobile License LLC	D42125	WASHINGTON, PA	1	0010206629	WSBJ503	N
T-Mobile License LLC	D42125	WASHINGTON, PA	2	0010206629	WSBJ504	N
T-Mobile License LLC	D42125	WASHINGTON, PA	3	0010206629	WSBJ505	N
T-Mobile License LLC	D42127	WAYNE, PA	1	0010206629	WSBJ506	N
T-Mobile License LLC	D42127	WAYNE, PA	2	0010206629	WSBJ507	N
T-Mobile License LLC	D42127	WAYNE, PA	3	0010206629	WSBJ508	N
T-Mobile License LLC	D42129	WESTMORELAND, PA	1	0010206629	WSBJ509	N
T-Mobile License LLC	D42129	WESTMORELAND, PA	2	0010206629	WSBJ510	N
T-Mobile License LLC	D42129	WESTMORELAND, PA	3	0010206629	WSBJ511	N
T-Mobile License LLC	D42131	WYOMING, PA	1	0010206629	WSBJ512	N
T-Mobile License LLC	D42131	WYOMING, PA	2	0010206629	WSBJ513	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D42133	YORK, PA	1	0010206629	WSBJ514	N
T-Mobile License LLC	D42133	YORK, PA	2	0010206629	WSBJ515	N
T-Mobile License LLC	D44007	PROVIDENCE, RI	1	0010206629	WSBJ516	N
T-Mobile License LLC	D44007	PROVIDENCE, RI	2	0010206629	WSBJ517	N
T-Mobile License LLC	D44009	WASHINGTON, RI	1	0010206629	WSBJ518	N
T-Mobile License LLC	D44009	WASHINGTON, RI	2	0010206629	WSBJ519	N
T-Mobile License LLC	D44009	WASHINGTON, RI	3	0010206629	WSBJ520	N
T-Mobile License LLC	D45001	ABBEVILLE, SC	1	0010206629	WSBJ521	N
T-Mobile License LLC	D45001	ABBEVILLE, SC	2	0010206629	WSBJ522	N
T-Mobile License LLC	D45003	AIKEN, SC	1	0010206629	WSBJ523	N
T-Mobile License LLC	D45003	AIKEN, SC	2	0010206629	WSBJ524	N
T-Mobile License LLC	D45003	AIKEN, SC	3	0010206629	WSBJ525	N
T-Mobile License LLC	D45005	ALLENDALE, SC	1	0010206629	WSBJ526	N
T-Mobile License LLC	D45005	ALLENDALE, SC	2	0010206629	WSBJ527	N
T-Mobile License LLC	D45005	ALLENDALE, SC	3	0010206629	WSBJ528	N
T-Mobile License LLC	D45007	ANDERSON, SC	1	0010206629	WSBJ529	N
T-Mobile License LLC	D45007	ANDERSON, SC	2	0010206629	WSBJ530	N
T-Mobile License LLC	D45007	ANDERSON, SC	3	0010206629	WSBJ531	N
T-Mobile License LLC	D45009	BAMBERG, SC	1	0010206629	WSBJ532	N
T-Mobile License LLC	D45009	BAMBERG, SC	2	0010206629	WSBJ533	N
T-Mobile License LLC	D45009	BAMBERG, SC	3	0010206629	WSBJ534	N
T-Mobile License LLC	D45011	BARNWELL, SC	1	0010206629	WSBJ535	N
T-Mobile License LLC	D45011	BARNWELL, SC	2	0010206629	WSBJ536	N
T-Mobile License LLC	D45011	BARNWELL, SC	3	0010206629	WSBJ537	N
T-Mobile License LLC	D45013	BEAUFORT, SC	1	0010206629	WSBJ538	N
T-Mobile License LLC	D45013	BEAUFORT, SC	2	0010206629	WSBJ539	N
T-Mobile License LLC	D45013	BEAUFORT, SC	3	0010206629	WSBJ540	N
T-Mobile License LLC	D45015	BERKELEY, SC	1	0010206629	WSBJ541	N
T-Mobile License LLC	D45015	BERKELEY, SC	2	0010206629	WSBJ542	N
T-Mobile License LLC	D45015	BERKELEY, SC	3	0010206629	WSBJ543	N
T-Mobile License LLC	D45017	CALHOUN, SC	1	0010206629	WSBJ544	N
T-Mobile License LLC	D45017	CALHOUN, SC	2	0010206629	WSBJ545	N
T-Mobile License LLC	D45017	CALHOUN, SC	3	0010206629	WSBJ546	N
T-Mobile License LLC	D45019	CHARLESTON, SC	1	0010206629	WSBJ547	N
T-Mobile License LLC	D45019	CHARLESTON, SC	2	0010206629	WSBJ548	N
T-Mobile License LLC	D45021	CHEROKEE, SC	1	0010206629	WSBJ549	N
T-Mobile License LLC	D45021	CHEROKEE, SC	2	0010206629	WSBJ550	N
T-Mobile License LLC	D45023	CHESTER, SC	1	0010206629	WSBJ551	N
T-Mobile License LLC	D45023	CHESTER, SC	2	0010206629	WSBJ552	N
T-Mobile License LLC	D45023	CHESTER, SC	3	0010206629	WSBJ553	N
T-Mobile License LLC	D45025	CHESTERFIELD, SC	1	0010206629	WSBJ554	N
T-Mobile License LLC	D45025	CHESTERFIELD, SC	2	0010206629	WSBJ555	N
T-Mobile License LLC	D45025	CHESTERFIELD, SC	3	0010206629	WSBJ556	N
T-Mobile License LLC	D45027	CLARENDON, SC	1	0010206629	WSBJ557	N
T-Mobile License LLC	D45027	CLARENDON, SC	2	0010206629	WSBJ558	N
T-Mobile License LLC	D45029	COLLETON, SC	1	0010206629	WSBJ559	N
T-Mobile License LLC	D45029	COLLETON, SC	2	0010206629	WSBJ560	N
T-Mobile License LLC	D45029	COLLETON, SC	3	0010206629	WSBJ561	N
T-Mobile License LLC	D45031	DARLINGTON, SC	1	0010206629	WSBJ562	N
T-Mobile License LLC	D45031	DARLINGTON, SC	2	0010206629	WSBJ563	N
T-Mobile License LLC	D45033	DILLON, SC	1	0010206629	WSBJ564	N
T-Mobile License LLC	D45033	DILLON, SC	2	0010206629	WSBJ565	N
T-Mobile License LLC	D45033	DILLON, SC	3	0010206629	WSBJ566	N
T-Mobile License LLC	D45035	DORCHESTER, SC	1	0010206629	WSBJ567	N
T-Mobile License LLC	D45035	DORCHESTER, SC	2	0010206629	WSBJ568	N
T-Mobile License LLC	D45035	DORCHESTER, SC	3	0010206629	WSBJ569	N

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T-Mobile License LLC	D45037	EDGEFIELD, SC	1	0010206629	WSBJ570	N
T-Mobile License LLC	D45037	EDGEFIELD, SC	2	0010206629	WSBJ571	N
T-Mobile License LLC	D45037	EDGEFIELD, SC	3	0010206629	WSBJ572	N
T-Mobile License LLC	D45039	FAIRFIELD, SC	1	0010206629	WSBJ573	N
T-Mobile License LLC	D45039	FAIRFIELD, SC	2	0010206629	WSBJ574	N
T-Mobile License LLC	D45039	FAIRFIELD, SC	3	0010206629	WSBJ575	N
T-Mobile License LLC	D45041	FLORENCE, SC	1	0010206629	WSBJ576	N
T-Mobile License LLC	D45041	FLORENCE, SC	2	0010206629	WSBJ577	N
T-Mobile License LLC	D45043	GEORGETOWN, SC	1	0010206629	WSBJ578	N
T-Mobile License LLC	D45043	GEORGETOWN, SC	2	0010206629	WSBJ579	N
T-Mobile License LLC	D45045	GREENVILLE, SC	3	0010206629	WSBJ580	N
T-Mobile License LLC	D45047	GREENWOOD, SC	1	0010206629	WSBJ581	N
T-Mobile License LLC	D45047	GREENWOOD, SC	2	0010206629	WSBJ582	N
T-Mobile License LLC	D45049	HAMPTON, SC	1	0010206629	WSBJ583	N
T-Mobile License LLC	D45049	HAMPTON, SC	2	0010206629	WSBJ584	N
T-Mobile License LLC	D45049	HAMPTON, SC	3	0010206629	WSBJ585	N
T-Mobile License LLC	D45051	HORRY, SC	1	0010206629	WSBJ586	N
T-Mobile License LLC	D45051	HORRY, SC	2	0010206629	WSBJ587	N
T-Mobile License LLC	D45051	HORRY, SC	3	0010206629	WSBJ588	N
T-Mobile License LLC	D45053	JASPER, SC	1	0010206629	WSBJ589	N
T-Mobile License LLC	D45053	JASPER, SC	2	0010206629	WSBJ590	N
T-Mobile License LLC	D45053	JASPER, SC	3	0010206629	WSBJ591	N
T-Mobile License LLC	D45055	KERSHAW, SC	1	0010206629	WSBJ592	N
T-Mobile License LLC	D45055	KERSHAW, SC	2	0010206629	WSBJ593	N
T-Mobile License LLC	D45055	KERSHAW, SC	3	0010206629	WSBJ594	N
T-Mobile License LLC	D45057	LANCASTER, SC	1	0010206629	WSBJ595	N
T-Mobile License LLC	D45057	LANCASTER, SC	2	0010206629	WSBJ596	N
T-Mobile License LLC	D45057	LANCASTER, SC	3	0010206629	WSBJ597	N
T-Mobile License LLC	D45059	LAURENS, SC	1	0010206629	WSBJ598	N
T-Mobile License LLC	D45059	LAURENS, SC	2	0010206629	WSBJ599	N
T-Mobile License LLC	D45059	LAURENS, SC	3	0010206629	WSBJ600	N
T-Mobile License LLC	D45061	LEE, SC	1	0010206629	WSBJ601	N
T-Mobile License LLC	D45061	LEE, SC	2	0010206629	WSBJ602	N
T-Mobile License LLC	D45063	LEXINGTON, SC	1	0010206629	WSBJ603	N
T-Mobile License LLC	D45063	LEXINGTON, SC	2	0010206629	WSBJ604	N
T-Mobile License LLC	D45065	MCCORMICK, SC	1	0010206629	WSBJ605	N
T-Mobile License LLC	D45065	MCCORMICK, SC	2	0010206629	WSBJ606	N
T-Mobile License LLC	D45065	MCCORMICK, SC	3	0010206629	WSBJ607	N
T-Mobile License LLC	D45067	MARION, SC	1	0010206629	WSBJ608	N
T-Mobile License LLC	D45067	MARION, SC	2	0010206629	WSBJ609	N
T-Mobile License LLC	D45067	MARION, SC	3	0010206629	WSBJ610	N
T-Mobile License LLC	D45069	MARLBORO, SC	1	0010206629	WSBJ611	N
T-Mobile License LLC	D45069	MARLBORO, SC	2	0010206629	WSBJ612	N
T-Mobile License LLC	D45069	MARLBORO, SC	3	0010206629	WSBJ613	N
T-Mobile License LLC	D45071	NEWBERRY, SC	1	0010206629	WSBJ614	N
T-Mobile License LLC	D45071	NEWBERRY, SC	2	0010206629	WSBJ615	N
T-Mobile License LLC	D45071	NEWBERRY, SC	3	0010206629	WSBJ616	N
T-Mobile License LLC	D45073	OCONEE, SC	1	0010206629	WSBJ617	N
T-Mobile License LLC	D45073	OCONEE, SC	2	0010206629	WSBJ618	N
T-Mobile License LLC	D45073	OCONEE, SC	3	0010206629	WSBJ619	N
T-Mobile License LLC	D45075	ORANGEBURG, SC	1	0010206629	WSBJ620	N
T-Mobile License LLC	D45075	ORANGEBURG, SC	2	0010206629	WSBJ621	N
T-Mobile License LLC	D45075	ORANGEBURG, SC	3	0010206629	WSBJ622	N
T-Mobile License LLC	D45077	PICKENS, SC	2	0010206629	WSBJ623	N
T-Mobile License LLC	D45077	PICKENS, SC	3	0010206629	WSBJ624	N
T-Mobile License LLC	D45079	RICHLAND, SC	1	0010206629	WSBJ625	N

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T-Mobile License LLC	D45079	RICHLAND, SC	2	0010206629	WSBJ626	N
T-Mobile License LLC	D45081	SALUDA, SC	1	0010206629	WSBJ627	N
T-Mobile License LLC	D45081	SALUDA, SC	2	0010206629	WSBJ628	N
T-Mobile License LLC	D45081	SALUDA, SC	3	0010206629	WSBJ629	N
T-Mobile License LLC	D45083	SPARTANBURG, SC	1	0010206629	WSBJ630	N
T-Mobile License LLC	D45083	SPARTANBURG, SC	2	0010206629	WSBJ631	N
T-Mobile License LLC	D45083	SPARTANBURG, SC	3	0010206629	WSBJ632	N
T-Mobile License LLC	D45085	SUMTER, SC	1	0010206629	WSBJ633	N
T-Mobile License LLC	D45085	SUMTER, SC	2	0010206629	WSBJ634	N
T-Mobile License LLC	D45087	UNION, SC	1	0010206629	WSBJ635	N
T-Mobile License LLC	D45087	UNION, SC	2	0010206629	WSBJ636	N
T-Mobile License LLC	D45087	UNION, SC	3	0010206629	WSBJ637	N
T-Mobile License LLC	D45089	WILLIAMSBURG, SC	1	0010206629	WSBJ638	N
T-Mobile License LLC	D45089	WILLIAMSBURG, SC	2	0010206629	WSBJ639	N
T-Mobile License LLC	D45089	WILLIAMSBURG, SC	3	0010206629	WSBJ640	N
T-Mobile License LLC	D45091	YORK, SC	1	0010206629	WSBJ641	N
T-Mobile License LLC	D45091	YORK, SC	2	0010206629	WSBJ642	N
T-Mobile License LLC	D45091	YORK, SC	3	0010206629	WSBJ643	N
T-Mobile License LLC	D46003	AURORA, SD	2	0010206629	WSBJ644	N
T-Mobile License LLC	D46003	AURORA, SD	3	0010206629	WSBJ645	N
T-Mobile License LLC	D46005	BEADLE, SD	2	0010206629	WSBJ646	N
T-Mobile License LLC	D46005	BEADLE, SD	3	0010206629	WSBJ647	N
T-Mobile License LLC	D46007	BENNETT, SD	1	0010206629	WSBJ648	N
T-Mobile License LLC	D46007	BENNETT, SD	2	0010206629	WSBJ649	N
T-Mobile License LLC	D46007	BENNETT, SD	3	0010206629	WSBJ650	N
T-Mobile License LLC	D46009	BON HOMME, SD	1	0010206629	WSBJ651	N
T-Mobile License LLC	D46009	BON HOMME, SD	2	0010206629	WSBJ652	N
T-Mobile License LLC	D46009	BON HOMME, SD	3	0010206629	WSBJ653	N
T-Mobile License LLC	D46011	BROOKINGS, SD	1	0010206629	WSBJ654	N
T-Mobile License LLC	D46011	BROOKINGS, SD	2	0010206629	WSBJ655	N
T-Mobile License LLC	D46011	BROOKINGS, SD	3	0010206629	WSBJ656	N
T-Mobile License LLC	D46013	BROWN, SD	1	0010206629	WSBJ657	N
T-Mobile License LLC	D46013	BROWN, SD	2	0010206629	WSBJ658	N
T-Mobile License LLC	D46013	BROWN, SD	3	0010206629	WSBJ659	N
T-Mobile License LLC	D46015	BRULE, SD	2	0010206629	WSBJ660	N
T-Mobile License LLC	D46015	BRULE, SD	3	0010206629	WSBJ661	N
T-Mobile License LLC	D46017	BUFFALO, SD	2	0010206629	WSBJ662	N
T-Mobile License LLC	D46017	BUFFALO, SD	3	0010206629	WSBJ663	N
T-Mobile License LLC	D46019	BUTTE, SD	1	0010206629	WSBJ664	N
T-Mobile License LLC	D46019	BUTTE, SD	2	0010206629	WSBJ665	N
T-Mobile License LLC	D46019	BUTTE, SD	3	0010206629	WSBJ666	N
T-Mobile License LLC	D46021	CAMPBELL, SD	1	0010206629	WSBJ667	N
T-Mobile License LLC	D46021	CAMPBELL, SD	2	0010206629	WSBJ668	N
T-Mobile License LLC	D46023	CHARLES MIX, SD	1	0010206629	WSBJ669	N
T-Mobile License LLC	D46023	CHARLES MIX, SD	2	0010206629	WSBJ670	N
T-Mobile License LLC	D46023	CHARLES MIX, SD	3	0010206629	WSBJ671	N
T-Mobile License LLC	D46025	CLARK, SD	1	0010206629	WSBJ672	N
T-Mobile License LLC	D46025	CLARK, SD	2	0010206629	WSBJ673	N
T-Mobile License LLC	D46027	CLAY, SD	1	0010206629	WSBJ674	N
T-Mobile License LLC	D46027	CLAY, SD	2	0010206629	WSBJ675	N
T-Mobile License LLC	D46027	CLAY, SD	3	0010206629	WSBJ676	N
T-Mobile License LLC	D46029	CODINGTON, SD	1	0010206629	WSBJ677	N
T-Mobile License LLC	D46029	CODINGTON, SD	2	0010206629	WSBJ678	N
T-Mobile License LLC	D46033	CUSTER, SD	1	0010206629	WSBJ679	N
T-Mobile License LLC	D46033	CUSTER, SD	2	0010206629	WSBJ680	N
T-Mobile License LLC	D46033	CUSTER, SD	3	0010206629	WSBJ681	N

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T-Mobile License LLC	D46035	DAVISON, SD	2	0010206629	WSBJ682	N
T-Mobile License LLC	D46035	DAVISON, SD	3	0010206629	WSBJ683	N
T-Mobile License LLC	D46037	DAY, SD	1	0010206629	WSBJ684	N
T-Mobile License LLC	D46037	DAY, SD	2	0010206629	WSBJ685	N
T-Mobile License LLC	D46037	DAY, SD	3	0010206629	WSBJ686	N
T-Mobile License LLC	D46039	DEUEL, SD	1	0010206629	WSBJ687	N
T-Mobile License LLC	D46039	DEUEL, SD	2	0010206629	WSBJ688	N
T-Mobile License LLC	D46043	DOUGLAS, SD	1	0010206629	WSBJ689	N
T-Mobile License LLC	D46043	DOUGLAS, SD	2	0010206629	WSBJ690	N
T-Mobile License LLC	D46043	DOUGLAS, SD	3	0010206629	WSBJ691	N
T-Mobile License LLC	D46045	EDMUNDS, SD	1	0010206629	WSBJ692	N
T-Mobile License LLC	D46045	EDMUNDS, SD	2	0010206629	WSBJ693	N
T-Mobile License LLC	D46047	FALL RIVER, SD	1	0010206629	WSBJ694	N
T-Mobile License LLC	D46047	FALL RIVER, SD	2	0010206629	WSBJ695	N
T-Mobile License LLC	D46047	FALL RIVER, SD	3	0010206629	WSBJ696	N
T-Mobile License LLC	D46049	FAULK, SD	1	0010206629	WSBJ697	N
T-Mobile License LLC	D46049	FAULK, SD	2	0010206629	WSBJ698	N
T-Mobile License LLC	D46051	GRANT, SD	1	0010206629	WSBJ699	N
T-Mobile License LLC	D46051	GRANT, SD	2	0010206629	WSBJ700	N
T-Mobile License LLC	D46053	GREGORY, SD	1	0010206629	WSBJ701	N
T-Mobile License LLC	D46053	GREGORY, SD	2	0010206629	WSBJ702	N
T-Mobile License LLC	D46053	GREGORY, SD	3	0010206629	WSBJ703	N
T-Mobile License LLC	D46055	HAAKON, SD	1	0010206629	WSBJ704	N
T-Mobile License LLC	D46055	HAAKON, SD	2	0010206629	WSBJ705	N
T-Mobile License LLC	D46055	HAAKON, SD	3	0010206629	WSBJ706	N
T-Mobile License LLC	D46057	HAMLIN, SD	1	0010206629	WSBJ707	N
T-Mobile License LLC	D46057	HAMLIN, SD	2	0010206629	WSBJ708	N
T-Mobile License LLC	D46059	HAND, SD	2	0010206629	WSBJ709	N
T-Mobile License LLC	D46059	HAND, SD	3	0010206629	WSBJ710	N
T-Mobile License LLC	D46061	HANSON, SD	2	0010206629	WSBJ711	N
T-Mobile License LLC	D46061	HANSON, SD	3	0010206629	WSBJ712	N
T-Mobile License LLC	D46063	HARDING, SD	1	0010206629	WSBJ713	N
T-Mobile License LLC	D46063	HARDING, SD	2	0010206629	WSBJ714	N
T-Mobile License LLC	D46063	HARDING, SD	3	0010206629	WSBJ715	N
T-Mobile License LLC	D46065	HUGHES, SD	2	0010206629	WSBJ716	N
T-Mobile License LLC	D46065	HUGHES, SD	3	0010206629	WSBJ717	N
T-Mobile License LLC	D46067	HUTCHINSON, SD	1	0010206629	WSBJ718	N
T-Mobile License LLC	D46067	HUTCHINSON, SD	2	0010206629	WSBJ719	N
T-Mobile License LLC	D46067	HUTCHINSON, SD	3	0010206629	WSBJ720	N
T-Mobile License LLC	D46069	HYDE, SD	2	0010206629	WSBJ721	N
T-Mobile License LLC	D46069	HYDE, SD	3	0010206629	WSBJ722	N
T-Mobile License LLC	D46071	JACKSON, SD	1	0010206629	WSBJ723	N
T-Mobile License LLC	D46071	JACKSON, SD	2	0010206629	WSBJ724	N
T-Mobile License LLC	D46071	JACKSON, SD	3	0010206629	WSBJ725	N
T-Mobile License LLC	D46073	JERAULD, SD	2	0010206629	WSBJ726	N
T-Mobile License LLC	D46073	JERAULD, SD	3	0010206629	WSBJ727	N
T-Mobile License LLC	D46075	JONES, SD	2	0010206629	WSBJ728	N
T-Mobile License LLC	D46075	JONES, SD	3	0010206629	WSBJ729	N
T-Mobile License LLC	D46077	KINGSBURY, SD	1	0010206629	WSBJ730	N
T-Mobile License LLC	D46077	KINGSBURY, SD	2	0010206629	WSBJ731	N
T-Mobile License LLC	D46081	LAWRENCE, SD	1	0010206629	WSBJ732	N
T-Mobile License LLC	D46081	LAWRENCE, SD	2	0010206629	WSBJ733	N
T-Mobile License LLC	D46081	LAWRENCE, SD	3	0010206629	WSBJ734	N
T-Mobile License LLC	D46085	LYMAN, SD	2	0010206629	WSBJ735	N
T-Mobile License LLC	D46085	LYMAN, SD	3	0010206629	WSBJ736	N
T-Mobile License LLC	D46087	MCCOOK, SD	1	0010206629	WSBJ737	N

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T-Mobile License LLC	D46087	MCCOOK, SD	2	0010206629	WSBJ738	N
T-Mobile License LLC	D46087	MCCOOK, SD	3	0010206629	WSBJ739	N
T-Mobile License LLC	D46089	MCPHERSON, SD	1	0010206629	WSBJ740	N
T-Mobile License LLC	D46089	MCPHERSON, SD	2	0010206629	WSBJ741	N
T-Mobile License LLC	D46091	MARSHALL, SD	1	0010206629	WSBJ742	N
T-Mobile License LLC	D46091	MARSHALL, SD	2	0010206629	WSBJ743	N
T-Mobile License LLC	D46091	MARSHALL, SD	3	0010206629	WSBJ744	N
T-Mobile License LLC	D46093	MEADE, SD	1	0010206629	WSBJ745	N
T-Mobile License LLC	D46093	MEADE, SD	2	0010206629	WSBJ746	N
T-Mobile License LLC	D46093	MEADE, SD	3	0010206629	WSBJ747	N
T-Mobile License LLC	D46095	MELLETTE, SD	1	0010206629	WSBJ748	N
T-Mobile License LLC	D46095	MELLETTE, SD	2	0010206629	WSBJ749	N
T-Mobile License LLC	D46095	MELLETTE, SD	3	0010206629	WSBJ750	N
T-Mobile License LLC	D46097	MINER, SD	2	0010206629	WSBJ751	N
T-Mobile License LLC	D46097	MINER, SD	3	0010206629	WSBJ752	N
T-Mobile License LLC	D46103	PENNINGTON, SD	1	0010206629	WSBJ753	N
T-Mobile License LLC	D46103	PENNINGTON, SD	2	0010206629	WSBJ754	N
T-Mobile License LLC	D46103	PENNINGTON, SD	3	0010206629	WSBJ755	N
T-Mobile License LLC	D46105	PERKINS, SD	1	0010206629	WSBJ756	N
T-Mobile License LLC	D46105	PERKINS, SD	2	0010206629	WSBJ757	N
T-Mobile License LLC	D46105	PERKINS, SD	3	0010206629	WSBJ758	N
T-Mobile License LLC	D46107	POTTER, SD	1	0010206629	WSBJ759	N
T-Mobile License LLC	D46107	POTTER, SD	2	0010206629	WSBJ760	N
T-Mobile License LLC	D46109	ROBERTS, SD	1	0010206629	WSBJ761	N
T-Mobile License LLC	D46109	ROBERTS, SD	2	0010206629	WSBJ762	N
T-Mobile License LLC	D46109	ROBERTS, SD	3	0010206629	WSBJ763	N
T-Mobile License LLC	D46111	SANBORN, SD	2	0010206629	WSBJ764	N
T-Mobile License LLC	D46111	SANBORN, SD	3	0010206629	WSBJ765	N
T-Mobile License LLC	D46115	SPINK, SD	1	0010206629	WSBJ766	N
T-Mobile License LLC	D46115	SPINK, SD	2	0010206629	WSBJ767	N
T-Mobile License LLC	D46117	STANLEY, SD	2	0010206629	WSBJ768	N
T-Mobile License LLC	D46117	STANLEY, SD	3	0010206629	WSBJ769	N
T-Mobile License LLC	D46119	SULLY, SD	2	0010206629	WSBJ770	N
T-Mobile License LLC	D46119	SULLY, SD	3	0010206629	WSBJ771	N
T-Mobile License LLC	D46123	TRIPP, SD	1	0010206629	WSBJ772	N
T-Mobile License LLC	D46123	TRIPP, SD	2	0010206629	WSBJ773	N
T-Mobile License LLC	D46123	TRIPP, SD	3	0010206629	WSBJ774	N
T-Mobile License LLC	D46125	TURNER, SD	1	0010206629	WSBJ775	N
T-Mobile License LLC	D46125	TURNER, SD	2	0010206629	WSBJ776	N
T-Mobile License LLC	D46125	TURNER, SD	3	0010206629	WSBJ777	N
T-Mobile License LLC	D46127	UNION, SD	1	0010206629	WSBJ778	N
T-Mobile License LLC	D46127	UNION, SD	2	0010206629	WSBJ779	N
T-Mobile License LLC	D46127	UNION, SD	3	0010206629	WSBJ780	N
T-Mobile License LLC	D46129	WALWORTH, SD	1	0010206629	WSBJ781	N
T-Mobile License LLC	D46129	WALWORTH, SD	2	0010206629	WSBJ782	N
T-Mobile License LLC	D46135	YANKTON, SD	1	0010206629	WSBJ783	N
T-Mobile License LLC	D46135	YANKTON, SD	2	0010206629	WSBJ784	N
T-Mobile License LLC	D46135	YANKTON, SD	3	0010206629	WSBJ785	N
T-Mobile License LLC	D47003	BEDFORD, TN	1	0010206629	WSBJ786	N
T-Mobile License LLC	D47003	BEDFORD, TN	2	0010206629	WSBJ787	N
T-Mobile License LLC	D47005	BENTON, TN	2	0010206629	WSBJ788	N
T-Mobile License LLC	D47005	BENTON, TN	3	0010206629	WSBJ789	N
T-Mobile License LLC	D47007	BLEDSOE, TN	1	0010206629	WSBJ790	N
T-Mobile License LLC	D47007	BLEDSOE, TN	2	0010206629	WSBJ791	N
T-Mobile License LLC	D47007	BLEDSOE, TN	3	0010206629	WSBJ792	N
T-Mobile License LLC	D47009	BLOUNT, TN	1	0010206629	WSBJ793	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D47009	BLOUNT, TN	2	0010206629	WSBJ794	N
T-Mobile License LLC	D47009	BLOUNT, TN	3	0010206629	WSBJ795	N
T-Mobile License LLC	D47011	BRADLEY, TN	1	0010206629	WSBJ796	N
T-Mobile License LLC	D47011	BRADLEY, TN	2	0010206629	WSBJ797	N
T-Mobile License LLC	D47013	CAMPBELL, TN	1	0010206629	WSBJ798	N
T-Mobile License LLC	D47013	CAMPBELL, TN	2	0010206629	WSBJ799	N
T-Mobile License LLC	D47013	CAMPBELL, TN	3	0010206629	WSBJ800	N
T-Mobile License LLC	D47015	CANNON, TN	1	0010206629	WSBJ801	N
T-Mobile License LLC	D47015	CANNON, TN	2	0010206629	WSBJ802	N
T-Mobile License LLC	D47015	CANNON, TN	3	0010206629	WSBJ803	N
T-Mobile License LLC	D47017	CARROLL, TN	1	0010206629	WSBJ804	N
T-Mobile License LLC	D47017	CARROLL, TN	2	0010206629	WSBJ805	N
T-Mobile License LLC	D47017	CARROLL, TN	3	0010206629	WSBJ806	N
T-Mobile License LLC	D47019	CARTER, TN	1	0010206629	WSBJ807	N
T-Mobile License LLC	D47019	CARTER, TN	2	0010206629	WSBJ808	N
T-Mobile License LLC	D47019	CARTER, TN	3	0010206629	WSBJ809	N
T-Mobile License LLC	D47021	CHEATHAM, TN	1	0010206629	WSBJ810	N
T-Mobile License LLC	D47021	CHEATHAM, TN	2	0010206629	WSBJ811	N
T-Mobile License LLC	D47023	CHESTER, TN	2	0010206629	WSBJ812	N
T-Mobile License LLC	D47025	CLAIBORNE, TN	2	0010206629	WSBJ813	N
T-Mobile License LLC	D47025	CLAIBORNE, TN	3	0010206629	WSBJ814	N
T-Mobile License LLC	D47027	CLAY, TN	3	0010206629	WSBJ815	N
T-Mobile License LLC	D47029	COCKE, TN	1	0010206629	WSBJ816	N
T-Mobile License LLC	D47029	COCKE, TN	2	0010206629	WSBJ817	N
T-Mobile License LLC	D47029	COCKE, TN	3	0010206629	WSBJ818	N
T-Mobile License LLC	D47031	COFFEE, TN	1	0010206629	WSBJ819	N
T-Mobile License LLC	D47031	COFFEE, TN	2	0010206629	WSBJ820	N
T-Mobile License LLC	D47035	CUMBERLAND, TN	1	0010206629	WSBJ821	N
T-Mobile License LLC	D47035	CUMBERLAND, TN	2	0010206629	WSBJ822	N
T-Mobile License LLC	D47035	CUMBERLAND, TN	3	0010206629	WSBJ823	N
T-Mobile License LLC	D47037	DAVIDSON, TN	1	0010206629	WSBJ824	N
T-Mobile License LLC	D47037	DAVIDSON, TN	2	0010206629	WSBJ825	N
T-Mobile License LLC	D47039	DECATUR, TN	2	0010206629	WSBJ826	N
T-Mobile License LLC	D47039	DECATUR, TN	3	0010206629	WSBJ827	N
T-Mobile License LLC	D47041	DEKALB, TN	2	0010206629	WSBJ828	N
T-Mobile License LLC	D47041	DEKALB, TN	3	0010206629	WSBJ829	N
T-Mobile License LLC	D47043	DICKSON, TN	1	0010206629	WSBJ830	N
T-Mobile License LLC	D47043	DICKSON, TN	2	0010206629	WSBJ831	N
T-Mobile License LLC	D47045	DYER, TN	1	0010206629	WSBJ832	N
T-Mobile License LLC	D47045	DYER, TN	2	0010206629	WSBJ833	N
T-Mobile License LLC	D47047	FAYETTE, TN	1	0010206629	WSBJ834	N
T-Mobile License LLC	D47047	FAYETTE, TN	2	0010206629	WSBJ835	N
T-Mobile License LLC	D47047	FAYETTE, TN	3	0010206629	WSBJ836	N
T-Mobile License LLC	D47049	FENTRESS, TN	2	0010206629	WSBJ837	N
T-Mobile License LLC	D47049	FENTRESS, TN	3	0010206629	WSBJ838	N
T-Mobile License LLC	D47051	FRANKLIN, TN	1	0010206629	WSBJ839	N
T-Mobile License LLC	D47051	FRANKLIN, TN	2	0010206629	WSBJ840	N
T-Mobile License LLC	D47051	FRANKLIN, TN	3	0010206629	WSBJ841	N
T-Mobile License LLC	D47053	GIBSON, TN	1	0010206629	WSBJ842	N
T-Mobile License LLC	D47053	GIBSON, TN	2	0010206629	WSBJ843	N
T-Mobile License LLC	D47053	GIBSON, TN	3	0010206629	WSBJ844	N
T-Mobile License LLC	D47055	GILES, TN	1	0010206629	WSBJ845	N
T-Mobile License LLC	D47055	GILES, TN	2	0010206629	WSBJ846	N
T-Mobile License LLC	D47055	GILES, TN	3	0010206629	WSBJ847	N
T-Mobile License LLC	D47057	GRAINGER, TN	1	0010206629	WSBJ848	N
T-Mobile License LLC	D47057	GRAINGER, TN	2	0010206629	WSBJ849	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D47057	GRAINGER, TN	3	0010206629	WSBJ850	N
T-Mobile License LLC	D47059	GREENE, TN	1	0010206629	WSBJ851	N
T-Mobile License LLC	D47059	GREENE, TN	2	0010206629	WSBJ852	N
T-Mobile License LLC	D47059	GREENE, TN	3	0010206629	WSBJ853	N
T-Mobile License LLC	D47061	GRUNDY, TN	1	0010206629	WSBJ854	N
T-Mobile License LLC	D47061	GRUNDY, TN	2	0010206629	WSBJ855	N
T-Mobile License LLC	D47063	HAMBLEN, TN	1	0010206629	WSBJ856	N
T-Mobile License LLC	D47063	HAMBLEN, TN	2	0010206629	WSBJ857	N
T-Mobile License LLC	D47063	HAMBLEN, TN	3	0010206629	WSBJ858	N
T-Mobile License LLC	D47065	HAMILTON, TN	1	0010206629	WSBJ859	N
T-Mobile License LLC	D47065	HAMILTON, TN	2	0010206629	WSBJ860	N
T-Mobile License LLC	D47067	HANCOCK, TN	1	0010206629	WSBJ861	N
T-Mobile License LLC	D47067	HANCOCK, TN	2	0010206629	WSBJ862	N
T-Mobile License LLC	D47067	HANCOCK, TN	3	0010206629	WSBJ863	N
T-Mobile License LLC	D47069	HARDEMAN, TN	1	0010206629	WSBJ864	N
T-Mobile License LLC	D47069	HARDEMAN, TN	2	0010206629	WSBJ865	N
T-Mobile License LLC	D47069	HARDEMAN, TN	3	0010206629	WSBJ866	N
T-Mobile License LLC	D47071	HARDIN, TN	2	0010206629	WSBJ867	N
T-Mobile License LLC	D47071	HARDIN, TN	3	0010206629	WSBJ868	N
T-Mobile License LLC	D47073	HAWKINS, TN	1	0010206629	WSBJ869	N
T-Mobile License LLC	D47073	HAWKINS, TN	2	0010206629	WSBJ870	N
T-Mobile License LLC	D47073	HAWKINS, TN	3	0010206629	WSBJ871	N
T-Mobile License LLC	D47075	HAYWOOD, TN	1	0010206629	WSBJ872	N
T-Mobile License LLC	D47075	HAYWOOD, TN	2	0010206629	WSBJ873	N
T-Mobile License LLC	D47077	HENDERSON, TN	1	0010206629	WSBJ874	N
T-Mobile License LLC	D47077	HENDERSON, TN	2	0010206629	WSBJ875	N
T-Mobile License LLC	D47079	HENRY, TN	2	0010206629	WSBJ876	N
T-Mobile License LLC	D47079	HENRY, TN	3	0010206629	WSBJ877	N
T-Mobile License LLC	D47081	HICKMAN, TN	2	0010206629	WSBJ878	N
T-Mobile License LLC	D47081	HICKMAN, TN	3	0010206629	WSBJ879	N
T-Mobile License LLC	D47083	HOUSTON, TN	1	0010206629	WSBJ880	N
T-Mobile License LLC	D47083	HOUSTON, TN	2	0010206629	WSBJ881	N
T-Mobile License LLC	D47085	HUMPHREYS, TN	2	0010206629	WSBJ882	N
T-Mobile License LLC	D47085	HUMPHREYS, TN	3	0010206629	WSBJ883	N
T-Mobile License LLC	D47087	JACKSON, TN	2	0010206629	WSBJ884	N
T-Mobile License LLC	D47087	JACKSON, TN	3	0010206629	WSBJ885	N
T-Mobile License LLC	D47089	JEFFERSON, TN	1	0010206629	WSBJ886	N
T-Mobile License LLC	D47089	JEFFERSON, TN	2	0010206629	WSBJ887	N
T-Mobile License LLC	D47089	JEFFERSON, TN	3	0010206629	WSBJ888	N
T-Mobile License LLC	D47091	JOHNSON, TN	1	0010206629	WSBJ889	N
T-Mobile License LLC	D47091	JOHNSON, TN	2	0010206629	WSBJ890	N
T-Mobile License LLC	D47091	JOHNSON, TN	3	0010206629	WSBJ891	N
T-Mobile License LLC	D47095	LAKE, TN	1	0010206629	WSBJ892	N
T-Mobile License LLC	D47095	LAKE, TN	2	0010206629	WSBJ893	N
T-Mobile License LLC	D47097	LAUDERDALE, TN	1	0010206629	WSBJ894	N
T-Mobile License LLC	D47097	LAUDERDALE, TN	2	0010206629	WSBJ895	N
T-Mobile License LLC	D47099	LAWRENCE, TN	1	0010206629	WSBJ896	N
T-Mobile License LLC	D47099	LAWRENCE, TN	2	0010206629	WSBJ897	N
T-Mobile License LLC	D47099	LAWRENCE, TN	3	0010206629	WSBJ898	N
T-Mobile License LLC	D47101	LEWIS, TN	1	0010206629	WSBJ899	N
T-Mobile License LLC	D47101	LEWIS, TN	2	0010206629	WSBJ900	N
T-Mobile License LLC	D47101	LEWIS, TN	3	0010206629	WSBJ901	N
T-Mobile License LLC	D47103	LINCOLN, TN	1	0010206629	WSBJ902	N
T-Mobile License LLC	D47103	LINCOLN, TN	2	0010206629	WSBJ903	N
T-Mobile License LLC	D47105	LOUDON, TN	1	0010206629	WSBJ904	N
T-Mobile License LLC	D47105	LOUDON, TN	2	0010206629	WSBJ905	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D47105	LOUDON, TN	3	0010206629	WSBJ906	N
T-Mobile License LLC	D47107	MCMINN, TN	1	0010206629	WSBJ907	N
T-Mobile License LLC	D47107	MCMINN, TN	2	0010206629	WSBJ908	N
T-Mobile License LLC	D47107	MCMINN, TN	3	0010206629	WSBJ909	N
T-Mobile License LLC	D47109	MCNAIRY, TN	2	0010206629	WSBJ910	N
T-Mobile License LLC	D47109	MCNAIRY, TN	3	0010206629	WSBJ911	N
T-Mobile License LLC	D47111	MACON, TN	1	0010206629	WSBJ912	N
T-Mobile License LLC	D47111	MACON, TN	2	0010206629	WSBJ913	N
T-Mobile License LLC	D47111	MACON, TN	3	0010206629	WSBJ914	N
T-Mobile License LLC	D47115	MARION, TN	1	0010206629	WSBJ915	N
T-Mobile License LLC	D47115	MARION, TN	2	0010206629	WSBJ916	N
T-Mobile License LLC	D47115	MARION, TN	3	0010206629	WSBJ917	N
T-Mobile License LLC	D47117	MARSHALL, TN	1	0010206629	WSBJ918	N
T-Mobile License LLC	D47117	MARSHALL, TN	2	0010206629	WSBJ919	N
T-Mobile License LLC	D47117	MARSHALL, TN	3	0010206629	WSBJ920	N
T-Mobile License LLC	D47119	MAURY, TN	1	0010206629	WSBJ921	N
T-Mobile License LLC	D47119	MAURY, TN	2	0010206629	WSBJ922	N
T-Mobile License LLC	D47119	MAURY, TN	3	0010206629	WSBJ923	N
T-Mobile License LLC	D47121	MEIGS, TN	1	0010206629	WSBJ924	N
T-Mobile License LLC	D47121	MEIGS, TN	2	0010206629	WSBJ925	N
T-Mobile License LLC	D47121	MEIGS, TN	3	0010206629	WSBJ926	N
T-Mobile License LLC	D47123	MONROE, TN	2	0010206629	WSBJ927	N
T-Mobile License LLC	D47123	MONROE, TN	3	0010206629	WSBJ928	N
T-Mobile License LLC	D47125	MONTGOMERY, TN	1	0010206629	WSBJ929	N
T-Mobile License LLC	D47125	MONTGOMERY, TN	2	0010206629	WSBJ930	N
T-Mobile License LLC	D47127	MOORE, TN	1	0010206629	WSBJ931	N
T-Mobile License LLC	D47127	MOORE, TN	2	0010206629	WSBJ932	N
T-Mobile License LLC	D47129	MORGAN, TN	2	0010206629	WSBJ933	N
T-Mobile License LLC	D47129	MORGAN, TN	3	0010206629	WSBJ934	N
T-Mobile License LLC	D47131	OBION, TN	2	0010206629	WSBJ935	N
T-Mobile License LLC	D47131	OBION, TN	3	0010206629	WSBJ936	N
T-Mobile License LLC	D47133	OVERTON, TN	1	0010206629	WSBJ937	N
T-Mobile License LLC	D47133	OVERTON, TN	3	0010206629	WSBJ938	N
T-Mobile License LLC	D47135	PERRY, TN	2	0010206629	WSBJ939	N
T-Mobile License LLC	D47135	PERRY, TN	3	0010206629	WSBJ940	N
T-Mobile License LLC	D47137	PICKETT, TN	2	0010206629	WSBJ941	N
T-Mobile License LLC	D47137	PICKETT, TN	3	0010206629	WSBJ942	N
T-Mobile License LLC	D47139	POLK, TN	1	0010206629	WSBJ943	N
T-Mobile License LLC	D47139	POLK, TN	2	0010206629	WSBJ944	N
T-Mobile License LLC	D47139	POLK, TN	3	0010206629	WSBJ945	N
T-Mobile License LLC	D47141	PUTNAM, TN	2	0010206629	WSBJ946	N
T-Mobile License LLC	D47141	PUTNAM, TN	3	0010206629	WSBJ947	N
T-Mobile License LLC	D47143	RHEA, TN	1	0010206629	WSBJ948	N
T-Mobile License LLC	D47143	RHEA, TN	2	0010206629	WSBJ949	N
T-Mobile License LLC	D47143	RHEA, TN	3	0010206629	WSBJ950	N
T-Mobile License LLC	D47145	ROANE, TN	1	0010206629	WSBJ951	N
T-Mobile License LLC	D47145	ROANE, TN	2	0010206629	WSBJ952	N
T-Mobile License LLC	D47145	ROANE, TN	3	0010206629	WSBJ953	N
T-Mobile License LLC	D47147	ROBERTSON, TN	1	0010206629	WSBJ954	N
T-Mobile License LLC	D47147	ROBERTSON, TN	2	0010206629	WSBJ955	N
T-Mobile License LLC	D47147	ROBERTSON, TN	3	0010206629	WSBJ956	N
T-Mobile License LLC	D47149	RUTHERFORD, TN	2	0010206629	WSBJ957	N
T-Mobile License LLC	D47151	SCOTT, TN	1	0010206629	WSBJ958	N
T-Mobile License LLC	D47151	SCOTT, TN	2	0010206629	WSBJ959	N
T-Mobile License LLC	D47151	SCOTT, TN	3	0010206629	WSBJ960	N
T-Mobile License LLC	D47153	SEQUATCHIE, TN	1	0010206629	WSBJ961	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D47153	SEQUATCHIE, TN	2	0010206629	WSBJ962	N
T-Mobile License LLC	D47155	SEVIER, TN	1	0010206629	WSBJ963	N
T-Mobile License LLC	D47155	SEVIER, TN	2	0010206629	WSBJ964	N
T-Mobile License LLC	D47155	SEVIER, TN	3	0010206629	WSBJ965	N
T-Mobile License LLC	D47159	SMITH, TN	2	0010206629	WSBJ966	N
T-Mobile License LLC	D47159	SMITH, TN	3	0010206629	WSBJ967	N
T-Mobile License LLC	D47161	STEWART, TN	1	0010206629	WSBJ968	N
T-Mobile License LLC	D47161	STEWART, TN	2	0010206629	WSBJ969	N
T-Mobile License LLC	D47161	STEWART, TN	3	0010206629	WSBJ970	N
T-Mobile License LLC	D47163	SULLIVAN, TN	1	0010206629	WSBJ971	N
T-Mobile License LLC	D47163	SULLIVAN, TN	2	0010206629	WSBJ972	N
T-Mobile License LLC	D47163	SULLIVAN, TN	3	0010206629	WSBJ973	N
T-Mobile License LLC	D47165	SUMNER, TN	1	0010206629	WSBJ974	N
T-Mobile License LLC	D47165	SUMNER, TN	2	0010206629	WSBJ975	N
T-Mobile License LLC	D47165	SUMNER, TN	3	0010206629	WSBJ976	N
T-Mobile License LLC	D47167	TIPTON, TN	1	0010206629	WSBJ977	N
T-Mobile License LLC	D47167	TIPTON, TN	2	0010206629	WSBJ978	N
T-Mobile License LLC	D47169	TROUSDALE, TN	1	0010206629	WSBJ979	N
T-Mobile License LLC	D47169	TROUSDALE, TN	2	0010206629	WSBJ980	N
T-Mobile License LLC	D47169	TROUSDALE, TN	3	0010206629	WSBJ981	N
T-Mobile License LLC	D47171	UNICOI, TN	1	0010206629	WSBJ982	N
T-Mobile License LLC	D47171	UNICOI, TN	2	0010206629	WSBJ983	N
T-Mobile License LLC	D47171	UNICOI, TN	3	0010206629	WSBJ984	N
T-Mobile License LLC	D47175	VAN BUREN, TN	1	0010206629	WSBJ985	N
T-Mobile License LLC	D47175	VAN BUREN, TN	2	0010206629	WSBJ986	N
T-Mobile License LLC	D47175	VAN BUREN, TN	3	0010206629	WSBJ987	N
T-Mobile License LLC	D47177	WARREN, TN	1	0010206629	WSBJ988	N
T-Mobile License LLC	D47177	WARREN, TN	2	0010206629	WSBJ989	N
T-Mobile License LLC	D47177	WARREN, TN	3	0010206629	WSBJ990	N
T-Mobile License LLC	D47179	WASHINGTON, TN	1	0010206629	WSBJ991	N
T-Mobile License LLC	D47179	WASHINGTON, TN	2	0010206629	WSBJ992	N
T-Mobile License LLC	D47179	WASHINGTON, TN	3	0010206629	WSBJ993	N
T-Mobile License LLC	D47181	WAYNE, TN	2	0010206629	WSBJ994	N
T-Mobile License LLC	D47181	WAYNE, TN	3	0010206629	WSBJ995	N
T-Mobile License LLC	D47183	WEAKLEY, TN	2	0010206629	WSBJ996	N
T-Mobile License LLC	D47183	WEAKLEY, TN	3	0010206629	WSBJ997	N
T-Mobile License LLC	D47185	WHITE, TN	1	0010206629	WSBJ998	N
T-Mobile License LLC	D47185	WHITE, TN	2	0010206629	WSBJ999	N
T-Mobile License LLC	D47185	WHITE, TN	3	0010206629	WSBK200	N
T-Mobile License LLC	D47189	WILSON, TN	1	0010206629	WSBK201	N
T-Mobile License LLC	D47189	WILSON, TN	2	0010206629	WSBK202	N
T-Mobile License LLC	D47189	WILSON, TN	3	0010206629	WSBK203	N
T-Mobile License LLC	D48001	ANDERSON, TX	2	0010206629	WSBK204	N
T-Mobile License LLC	D48001	ANDERSON, TX	3	0010206629	WSBK205	N
T-Mobile License LLC	D48003	ANDREWS, TX	1	0010206629	WSBK206	N
T-Mobile License LLC	D48003	ANDREWS, TX	2	0010206629	WSBK207	N
T-Mobile License LLC	D48003	ANDREWS, TX	3	0010206629	WSBK208	N
T-Mobile License LLC	D48005	ANGELINA, TX	1	0010206629	WSBK209	N
T-Mobile License LLC	D48005	ANGELINA, TX	2	0010206629	WSBK210	N
T-Mobile License LLC	D48005	ANGELINA, TX	3	0010206629	WSBK211	N
T-Mobile License LLC	D48007	ARANSAS, TX	1	0010206629	WSBK212	N
T-Mobile License LLC	D48007	ARANSAS, TX	2	0010206629	WSBK213	N
T-Mobile License LLC	D48007	ARANSAS, TX	3	0010206629	WSBK214	N
T-Mobile License LLC	D48009	ARCHER, TX	1	0010206629	WSBK215	N
T-Mobile License LLC	D48009	ARCHER, TX	2	0010206629	WSBK216	N
T-Mobile License LLC	D48009	ARCHER, TX	3	0010206629	WSBK217	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48011	ARMSTRONG, TX	1	0010206629	WSBK218	N
T-Mobile License LLC	D48011	ARMSTRONG, TX	2	0010206629	WSBK219	N
T-Mobile License LLC	D48011	ARMSTRONG, TX	3	0010206629	WSBK220	N
T-Mobile License LLC	D48013	ATASCOSA, TX	1	0010206629	WSBK221	N
T-Mobile License LLC	D48013	ATASCOSA, TX	2	0010206629	WSBK222	N
T-Mobile License LLC	D48013	ATASCOSA, TX	3	0010206629	WSBK223	N
T-Mobile License LLC	D48015	AUSTIN, TX	1	0010206629	WSBK224	N
T-Mobile License LLC	D48015	AUSTIN, TX	2	0010206629	WSBK225	N
T-Mobile License LLC	D48017	BAILEY, TX	1	0010206629	WSBK226	N
T-Mobile License LLC	D48017	BAILEY, TX	2	0010206629	WSBK227	N
T-Mobile License LLC	D48017	BAILEY, TX	3	0010206629	WSBK228	N
T-Mobile License LLC	D48019	BANDERA, TX	1	0010206629	WSBK229	N
T-Mobile License LLC	D48019	BANDERA, TX	2	0010206629	WSBK230	N
T-Mobile License LLC	D48019	BANDERA, TX	3	0010206629	WSBK231	N
T-Mobile License LLC	D48021	BASTROP, TX	1	0010206629	WSBK232	N
T-Mobile License LLC	D48021	BASTROP, TX	2	0010206629	WSBK233	N
T-Mobile License LLC	D48021	BASTROP, TX	3	0010206629	WSBK234	N
T-Mobile License LLC	D48023	BAYLOR, TX	1	0010206629	WSBK235	N
T-Mobile License LLC	D48023	BAYLOR, TX	2	0010206629	WSBK236	N
T-Mobile License LLC	D48023	BAYLOR, TX	3	0010206629	WSBK237	N
T-Mobile License LLC	D48025	BEE, TX	1	0010206629	WSBK238	N
T-Mobile License LLC	D48025	BEE, TX	2	0010206629	WSBK239	N
T-Mobile License LLC	D48025	BEE, TX	3	0010206629	WSBK240	N
T-Mobile License LLC	D48027	BELL, TX	1	0010206629	WSBK241	N
T-Mobile License LLC	D48027	BELL, TX	2	0010206629	WSBK242	N
T-Mobile License LLC	D48027	BELL, TX	3	0010206629	WSBK243	N
T-Mobile License LLC	D48029	BEXAR, TX	3	0010206629	WSBK244	N
T-Mobile License LLC	D48031	BLANCO, TX	1	0010206629	WSBK245	N
T-Mobile License LLC	D48031	BLANCO, TX	2	0010206629	WSBK246	N
T-Mobile License LLC	D48031	BLANCO, TX	3	0010206629	WSBK247	N
T-Mobile License LLC	D48033	BORDEN, TX	3	0010206629	WSBK248	N
T-Mobile License LLC	D48035	BOSQUE, TX	1	0010206629	WSBK249	N
T-Mobile License LLC	D48035	BOSQUE, TX	2	0010206629	WSBK250	N
T-Mobile License LLC	D48037	BOWIE, TX	1	0010206629	WSBK251	N
T-Mobile License LLC	D48037	BOWIE, TX	2	0010206629	WSBK252	N
T-Mobile License LLC	D48037	BOWIE, TX	3	0010206629	WSBK253	N
T-Mobile License LLC	D48039	BRAZORIA, TX	1	0010206629	WSBK254	N
T-Mobile License LLC	D48039	BRAZORIA, TX	2	0010206629	WSBK255	N
T-Mobile License LLC	D48043	BREWSTER, TX	2	0010206629	WSBK256	N
T-Mobile License LLC	D48043	BREWSTER, TX	3	0010206629	WSBK257	N
T-Mobile License LLC	D48045	BRISCOE, TX	1	0010206629	WSBK258	N
T-Mobile License LLC	D48045	BRISCOE, TX	2	0010206629	WSBK259	N
T-Mobile License LLC	D48045	BRISCOE, TX	3	0010206629	WSBK260	N
T-Mobile License LLC	D48047	BROOKS, TX	1	0010206629	WSBK261	N
T-Mobile License LLC	D48047	BROOKS, TX	2	0010206629	WSBK262	N
T-Mobile License LLC	D48047	BROOKS, TX	3	0010206629	WSBK263	N
T-Mobile License LLC	D48049	BROWN, TX	1	0010206629	WSBK264	N
T-Mobile License LLC	D48049	BROWN, TX	2	0010206629	WSBK265	N
T-Mobile License LLC	D48049	BROWN, TX	3	0010206629	WSBK266	N
T-Mobile License LLC	D48051	BURLESON, TX	1	0010206629	WSBK267	N
T-Mobile License LLC	D48051	BURLESON, TX	2	0010206629	WSBK268	N
T-Mobile License LLC	D48051	BURLESON, TX	3	0010206629	WSBK269	N
T-Mobile License LLC	D48053	BURNET, TX	1	0010206629	WSBK270	N
T-Mobile License LLC	D48053	BURNET, TX	2	0010206629	WSBK271	N
T-Mobile License LLC	D48053	BURNET, TX	3	0010206629	WSBK272	N
T-Mobile License LLC	D48055	CALDWELL, TX	2	0010206629	WSBK273	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48055	CALDWELL, TX	3	0010206629	WSBK274	N
T-Mobile License LLC	D48057	CALHOUN, TX	1	0010206629	WSBK275	N
T-Mobile License LLC	D48057	CALHOUN, TX	2	0010206629	WSBK276	N
T-Mobile License LLC	D48057	CALHOUN, TX	3	0010206629	WSBK277	N
T-Mobile License LLC	D48059	CALLAHAN, TX	1	0010206629	WSBK278	N
T-Mobile License LLC	D48059	CALLAHAN, TX	2	0010206629	WSBK279	N
T-Mobile License LLC	D48059	CALLAHAN, TX	3	0010206629	WSBK280	N
T-Mobile License LLC	D48061	CAMERON, TX	1	0010206629	WSBK281	N
T-Mobile License LLC	D48061	CAMERON, TX	2	0010206629	WSBK282	N
T-Mobile License LLC	D48061	CAMERON, TX	3	0010206629	WSBK283	N
T-Mobile License LLC	D48063	CAMP, TX	2	0010206629	WSBK284	N
T-Mobile License LLC	D48063	CAMP, TX	3	0010206629	WSBK285	N
T-Mobile License LLC	D48065	CARSON, TX	1	0010206629	WSBK286	N
T-Mobile License LLC	D48065	CARSON, TX	2	0010206629	WSBK287	N
T-Mobile License LLC	D48065	CARSON, TX	3	0010206629	WSBK288	N
T-Mobile License LLC	D48067	CASS, TX	1	0010206629	WSBK289	N
T-Mobile License LLC	D48067	CASS, TX	2	0010206629	WSBK290	N
T-Mobile License LLC	D48067	CASS, TX	3	0010206629	WSBK291	N
T-Mobile License LLC	D48069	CASTRO, TX	1	0010206629	WSBK292	N
T-Mobile License LLC	D48069	CASTRO, TX	2	0010206629	WSBK293	N
T-Mobile License LLC	D48069	CASTRO, TX	3	0010206629	WSBK294	N
T-Mobile License LLC	D48071	CHAMBERS, TX	1	0010206629	WSBK295	N
T-Mobile License LLC	D48071	CHAMBERS, TX	2	0010206629	WSBK296	N
T-Mobile License LLC	D48071	CHAMBERS, TX	3	0010206629	WSBK297	N
T-Mobile License LLC	D48073	CHEROKEE, TX	1	0010206629	WSBK298	N
T-Mobile License LLC	D48073	CHEROKEE, TX	2	0010206629	WSBK299	N
T-Mobile License LLC	D48073	CHEROKEE, TX	3	0010206629	WSBK300	N
T-Mobile License LLC	D48075	CHILDRESS, TX	1	0010206629	WSBK301	N
T-Mobile License LLC	D48075	CHILDRESS, TX	2	0010206629	WSBK302	N
T-Mobile License LLC	D48075	CHILDRESS, TX	3	0010206629	WSBK303	N
T-Mobile License LLC	D48077	CLAY, TX	2	0010206629	WSBK304	N
T-Mobile License LLC	D48077	CLAY, TX	3	0010206629	WSBK305	N
T-Mobile License LLC	D48079	COCHRAN, TX	1	0010206629	WSBK306	N
T-Mobile License LLC	D48079	COCHRAN, TX	2	0010206629	WSBK307	N
T-Mobile License LLC	D48079	COCHRAN, TX	3	0010206629	WSBK308	N
T-Mobile License LLC	D48081	COKE, TX	1	0010206629	WSBK309	N
T-Mobile License LLC	D48081	COKE, TX	2	0010206629	WSBK310	N
T-Mobile License LLC	D48081	COKE, TX	3	0010206629	WSBK311	N
T-Mobile License LLC	D48083	COLEMAN, TX	1	0010206629	WSBK312	N
T-Mobile License LLC	D48083	COLEMAN, TX	2	0010206629	WSBK313	N
T-Mobile License LLC	D48083	COLEMAN, TX	3	0010206629	WSBK314	N
T-Mobile License LLC	D48085	COLLIN, TX	1	0010206629	WSBK315	N
T-Mobile License LLC	D48085	COLLIN, TX	2	0010206629	WSBK316	N
T-Mobile License LLC	D48087	COLLINGSWORTH, TX	3	0010206629	WSBK317	N
T-Mobile License LLC	D48089	COLORADO, TX	1	0010206629	WSBK318	N
T-Mobile License LLC	D48089	COLORADO, TX	2	0010206629	WSBK319	N
T-Mobile License LLC	D48089	COLORADO, TX	3	0010206629	WSBK320	N
T-Mobile License LLC	D48091	COMAL, TX	1	0010206629	WSBK321	N
T-Mobile License LLC	D48091	COMAL, TX	2	0010206629	WSBK322	N
T-Mobile License LLC	D48091	COMAL, TX	3	0010206629	WSBK323	N
T-Mobile License LLC	D48093	COMANCHE, TX	1	0010206629	WSBK324	N
T-Mobile License LLC	D48093	COMANCHE, TX	2	0010206629	WSBK325	N
T-Mobile License LLC	D48093	COMANCHE, TX	3	0010206629	WSBK326	N
T-Mobile License LLC	D48095	CONCHO, TX	1	0010206629	WSBK327	N
T-Mobile License LLC	D48095	CONCHO, TX	2	0010206629	WSBK328	N
T-Mobile License LLC	D48095	CONCHO, TX	3	0010206629	WSBK329	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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AUCTION ID: 108
SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48097	COOKE, TX	1	0010206629	WSBK330	N
T-Mobile License LLC	D48097	COOKE, TX	2	0010206629	WSBK331	N
T-Mobile License LLC	D48097	COOKE, TX	3	0010206629	WSBK332	N
T-Mobile License LLC	D48099	CORYELL, TX	1	0010206629	WSBK333	N
T-Mobile License LLC	D48099	CORYELL, TX	2	0010206629	WSBK334	N
T-Mobile License LLC	D48101	COTTLE, TX	1	0010206629	WSBK335	N
T-Mobile License LLC	D48101	COTTLE, TX	2	0010206629	WSBK336	N
T-Mobile License LLC	D48101	COTTLE, TX	3	0010206629	WSBK337	N
T-Mobile License LLC	D48103	CRANE, TX	1	0010206629	WSBK338	N
T-Mobile License LLC	D48103	CRANE, TX	2	0010206629	WSBK339	N
T-Mobile License LLC	D48103	CRANE, TX	3	0010206629	WSBK340	N
T-Mobile License LLC	D48105	CROCKETT, TX	1	0010206629	WSBK341	N
T-Mobile License LLC	D48105	CROCKETT, TX	2	0010206629	WSBK342	N
T-Mobile License LLC	D48105	CROCKETT, TX	3	0010206629	WSBK343	N
T-Mobile License LLC	D48107	CROSBY, TX	1	0010206629	WSBK344	N
T-Mobile License LLC	D48107	CROSBY, TX	2	0010206629	WSBK345	N
T-Mobile License LLC	D48107	CROSBY, TX	3	0010206629	WSBK346	N
T-Mobile License LLC	D48109	CULBERSON, TX	1	0010206629	WSBK347	N
T-Mobile License LLC	D48109	CULBERSON, TX	2	0010206629	WSBK348	N
T-Mobile License LLC	D48109	CULBERSON, TX	3	0010206629	WSBK349	N
T-Mobile License LLC	D48111	DALLAM, TX	1	0010206629	WSBK350	N
T-Mobile License LLC	D48111	DALLAM, TX	2	0010206629	WSBK351	N
T-Mobile License LLC	D48111	DALLAM, TX	3	0010206629	WSBK352	N
T-Mobile License LLC	D48115	DAWSON, TX	1	0010206629	WSBK353	N
T-Mobile License LLC	D48115	DAWSON, TX	2	0010206629	WSBK354	N
T-Mobile License LLC	D48115	DAWSON, TX	3	0010206629	WSBK355	N
T-Mobile License LLC	D48117	DEAF SMITH, TX	1	0010206629	WSBK356	N
T-Mobile License LLC	D48117	DEAF SMITH, TX	2	0010206629	WSBK357	N
T-Mobile License LLC	D48117	DEAF SMITH, TX	3	0010206629	WSBK358	N
T-Mobile License LLC	D48119	DELTA, TX	1	0010206629	WSBK359	N
T-Mobile License LLC	D48119	DELTA, TX	2	0010206629	WSBK360	N
T-Mobile License LLC	D48119	DELTA, TX	3	0010206629	WSBK361	N
T-Mobile License LLC	D48121	DENTON, TX	1	0010206629	WSBK362	N
T-Mobile License LLC	D48121	DENTON, TX	2	0010206629	WSBK363	N
T-Mobile License LLC	D48121	DENTON, TX	3	0010206629	WSBK364	N
T-Mobile License LLC	D48123	DEWITT, TX	1	0010206629	WSBK365	N
T-Mobile License LLC	D48123	DEWITT, TX	2	0010206629	WSBK366	N
T-Mobile License LLC	D48123	DEWITT, TX	3	0010206629	WSBK367	N
T-Mobile License LLC	D48125	DICKENS, TX	1	0010206629	WSBK368	N
T-Mobile License LLC	D48125	DICKENS, TX	2	0010206629	WSBK369	N
T-Mobile License LLC	D48125	DICKENS, TX	3	0010206629	WSBK370	N
T-Mobile License LLC	D48127	DIMMIT, TX	1	0010206629	WSBK371	N
T-Mobile License LLC	D48127	DIMMIT, TX	2	0010206629	WSBK372	N
T-Mobile License LLC	D48127	DIMMIT, TX	3	0010206629	WSBK373	N
T-Mobile License LLC	D48129	DONLEY, TX	1	0010206629	WSBK374	N
T-Mobile License LLC	D48129	DONLEY, TX	2	0010206629	WSBK375	N
T-Mobile License LLC	D48129	DONLEY, TX	3	0010206629	WSBK376	N
T-Mobile License LLC	D48131	DUVAL, TX	1	0010206629	WSBK377	N
T-Mobile License LLC	D48131	DUVAL, TX	2	0010206629	WSBK378	N
T-Mobile License LLC	D48131	DUVAL, TX	3	0010206629	WSBK379	N
T-Mobile License LLC	D48133	EASTLAND, TX	1	0010206629	WSBK380	N
T-Mobile License LLC	D48133	EASTLAND, TX	2	0010206629	WSBK381	N
T-Mobile License LLC	D48133	EASTLAND, TX	3	0010206629	WSBK382	N
T-Mobile License LLC	D48135	ECTOR, TX	1	0010206629	WSBK383	N
T-Mobile License LLC	D48135	ECTOR, TX	2	0010206629	WSBK384	N
T-Mobile License LLC	D48135	ECTOR, TX	3	0010206629	WSBK385	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48137	EDWARDS, TX	1	0010206629	WSBK386	N
T-Mobile License LLC	D48137	EDWARDS, TX	2	0010206629	WSBK387	N
T-Mobile License LLC	D48137	EDWARDS, TX	3	0010206629	WSBK388	N
T-Mobile License LLC	D48139	ELLIS, TX	1	0010206629	WSBK389	N
T-Mobile License LLC	D48139	ELLIS, TX	2	0010206629	WSBK390	N
T-Mobile License LLC	D48139	ELLIS, TX	3	0010206629	WSBK391	N
T-Mobile License LLC	D48141	EL PASO, TX	1	0010206629	WSBK392	N
T-Mobile License LLC	D48141	EL PASO, TX	2	0010206629	WSBK393	N
T-Mobile License LLC	D48141	EL PASO, TX	3	0010206629	WSBK394	N
T-Mobile License LLC	D48143	ERATH, TX	1	0010206629	WSBK395	N
T-Mobile License LLC	D48143	ERATH, TX	2	0010206629	WSBK396	N
T-Mobile License LLC	D48143	ERATH, TX	3	0010206629	WSBK397	N
T-Mobile License LLC	D48145	FALLS, TX	2	0010206629	WSBK398	N
T-Mobile License LLC	D48145	FALLS, TX	3	0010206629	WSBK399	N
T-Mobile License LLC	D48147	FANNIN, TX	1	0010206629	WSBK400	N
T-Mobile License LLC	D48147	FANNIN, TX	2	0010206629	WSBK401	N
T-Mobile License LLC	D48147	FANNIN, TX	3	0010206629	WSBK402	N
T-Mobile License LLC	D48149	FAYETTE, TX	1	0010206629	WSBK403	N
T-Mobile License LLC	D48149	FAYETTE, TX	2	0010206629	WSBK404	N
T-Mobile License LLC	D48149	FAYETTE, TX	3	0010206629	WSBK405	N
T-Mobile License LLC	D48151	FISHER, TX	1	0010206629	WSBK406	N
T-Mobile License LLC	D48151	FISHER, TX	2	0010206629	WSBK407	N
T-Mobile License LLC	D48151	FISHER, TX	3	0010206629	WSBK408	N
T-Mobile License LLC	D48153	FLOYD, TX	1	0010206629	WSBK409	N
T-Mobile License LLC	D48153	FLOYD, TX	2	0010206629	WSBK410	N
T-Mobile License LLC	D48153	FLOYD, TX	3	0010206629	WSBK411	N
T-Mobile License LLC	D48155	FOARD, TX	2	0010206629	WSBK412	N
T-Mobile License LLC	D48155	FOARD, TX	3	0010206629	WSBK413	N
T-Mobile License LLC	D48157	FORT BEND, TX	1	0010206629	WSBK414	N
T-Mobile License LLC	D48157	FORT BEND, TX	2	0010206629	WSBK415	N
T-Mobile License LLC	D48159	FRANKLIN, TX	2	0010206629	WSBK416	N
T-Mobile License LLC	D48159	FRANKLIN, TX	3	0010206629	WSBK417	N
T-Mobile License LLC	D48161	FREESTONE, TX	1	0010206629	WSBK418	N
T-Mobile License LLC	D48161	FREESTONE, TX	2	0010206629	WSBK419	N
T-Mobile License LLC	D48161	FREESTONE, TX	3	0010206629	WSBK420	N
T-Mobile License LLC	D48163	FRIO, TX	1	0010206629	WSBK421	N
T-Mobile License LLC	D48163	FRIO, TX	2	0010206629	WSBK422	N
T-Mobile License LLC	D48163	FRIO, TX	3	0010206629	WSBK423	N
T-Mobile License LLC	D48165	GAINES, TX	1	0010206629	WSBK424	N
T-Mobile License LLC	D48165	GAINES, TX	2	0010206629	WSBK425	N
T-Mobile License LLC	D48165	GAINES, TX	3	0010206629	WSBK426	N
T-Mobile License LLC	D48167	GALVESTON, TX	1	0010206629	WSBK427	N
T-Mobile License LLC	D48167	GALVESTON, TX	2	0010206629	WSBK428	N
T-Mobile License LLC	D48167	GALVESTON, TX	3	0010206629	WSBK429	N
T-Mobile License LLC	D48169	GARZA, TX	1	0010206629	WSBK430	N
T-Mobile License LLC	D48169	GARZA, TX	2	0010206629	WSBK431	N
T-Mobile License LLC	D48169	GARZA, TX	3	0010206629	WSBK432	N
T-Mobile License LLC	D48171	GILLESPIE, TX	1	0010206629	WSBK433	N
T-Mobile License LLC	D48171	GILLESPIE, TX	2	0010206629	WSBK434	N
T-Mobile License LLC	D48171	GILLESPIE, TX	3	0010206629	WSBK435	N
T-Mobile License LLC	D48173	GLASSCOCK, TX	1	0010206629	WSBK436	N
T-Mobile License LLC	D48173	GLASSCOCK, TX	2	0010206629	WSBK437	N
T-Mobile License LLC	D48173	GLASSCOCK, TX	3	0010206629	WSBK438	N
T-Mobile License LLC	D48175	GOLIAD, TX	1	0010206629	WSBK439	N
T-Mobile License LLC	D48175	GOLIAD, TX	2	0010206629	WSBK440	N
T-Mobile License LLC	D48175	GOLIAD, TX	3	0010206629	WSBK441	N

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SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48177	GONZALES, TX	1	0010206629	WSBK442	N
T-Mobile License LLC	D48177	GONZALES, TX	2	0010206629	WSBK443	N
T-Mobile License LLC	D48177	GONZALES, TX	3	0010206629	WSBK444	N
T-Mobile License LLC	D48179	GRAY, TX	1	0010206629	WSBK445	N
T-Mobile License LLC	D48179	GRAY, TX	2	0010206629	WSBK446	N
T-Mobile License LLC	D48179	GRAY, TX	3	0010206629	WSBK447	N
T-Mobile License LLC	D48183	GREGG, TX	1	0010206629	WSBK448	N
T-Mobile License LLC	D48183	GREGG, TX	2	0010206629	WSBK449	N
T-Mobile License LLC	D48183	GREGG, TX	3	0010206629	WSBK450	N
T-Mobile License LLC	D48185	GRIMES, TX	1	0010206629	WSBK451	N
T-Mobile License LLC	D48185	GRIMES, TX	2	0010206629	WSBK452	N
T-Mobile License LLC	D48185	GRIMES, TX	3	0010206629	WSBK453	N
T-Mobile License LLC	D48187	GUADALUPE, TX	1	0010206629	WSBK454	N
T-Mobile License LLC	D48187	GUADALUPE, TX	2	0010206629	WSBK455	N
T-Mobile License LLC	D48187	GUADALUPE, TX	3	0010206629	WSBK456	N
T-Mobile License LLC	D48189	HALE, TX	1	0010206629	WSBK457	N
T-Mobile License LLC	D48189	HALE, TX	2	0010206629	WSBK458	N
T-Mobile License LLC	D48189	HALE, TX	3	0010206629	WSBK459	N
T-Mobile License LLC	D48191	HALL, TX	1	0010206629	WSBK460	N
T-Mobile License LLC	D48191	HALL, TX	2	0010206629	WSBK461	N
T-Mobile License LLC	D48191	HALL, TX	3	0010206629	WSBK462	N
T-Mobile License LLC	D48193	HAMILTON, TX	1	0010206629	WSBK463	N
T-Mobile License LLC	D48193	HAMILTON, TX	2	0010206629	WSBK464	N
T-Mobile License LLC	D48195	HANSFORD, TX	1	0010206629	WSBK465	N
T-Mobile License LLC	D48195	HANSFORD, TX	2	0010206629	WSBK466	N
T-Mobile License LLC	D48195	HANSFORD, TX	3	0010206629	WSBK467	N
T-Mobile License LLC	D48197	HARDEMAN, TX	1	0010206629	WSBK468	N
T-Mobile License LLC	D48197	HARDEMAN, TX	2	0010206629	WSBK469	N
T-Mobile License LLC	D48197	HARDEMAN, TX	3	0010206629	WSBK470	N
T-Mobile License LLC	D48199	HARDIN, TX	1	0010206629	WSBK471	N
T-Mobile License LLC	D48199	HARDIN, TX	2	0010206629	WSBK472	N
T-Mobile License LLC	D48199	HARDIN, TX	3	0010206629	WSBK473	N
T-Mobile License LLC	D48203	HARRISON, TX	1	0010206629	WSBK474	N
T-Mobile License LLC	D48203	HARRISON, TX	2	0010206629	WSBK475	N
T-Mobile License LLC	D48203	HARRISON, TX	3	0010206629	WSBK476	N
T-Mobile License LLC	D48205	HARTLEY, TX	1	0010206629	WSBK477	N
T-Mobile License LLC	D48205	HARTLEY, TX	2	0010206629	WSBK478	N
T-Mobile License LLC	D48205	HARTLEY, TX	3	0010206629	WSBK479	N
T-Mobile License LLC	D48207	HASKELL, TX	2	0010206629	WSBK480	N
T-Mobile License LLC	D48207	HASKELL, TX	3	0010206629	WSBK481	N
T-Mobile License LLC	D48209	HAYS, TX	1	0010206629	WSBK482	N
T-Mobile License LLC	D48209	HAYS, TX	2	0010206629	WSBK483	N
T-Mobile License LLC	D48209	HAYS, TX	3	0010206629	WSBK484	N
T-Mobile License LLC	D48211	HEMPHILL, TX	1	0010206629	WSBK485	N
T-Mobile License LLC	D48211	HEMPHILL, TX	2	0010206629	WSBK486	N
T-Mobile License LLC	D48211	HEMPHILL, TX	3	0010206629	WSBK487	N
T-Mobile License LLC	D48213	HENDERSON, TX	2	0010206629	WSBK488	N
T-Mobile License LLC	D48213	HENDERSON, TX	3	0010206629	WSBK489	N
T-Mobile License LLC	D48215	HIDALGO, TX	1	0010206629	WSBK490	N
T-Mobile License LLC	D48215	HIDALGO, TX	2	0010206629	WSBK491	N
T-Mobile License LLC	D48215	HIDALGO, TX	3	0010206629	WSBK492	N
T-Mobile License LLC	D48217	HILL, TX	2	0010206629	WSBK493	N
T-Mobile License LLC	D48219	HOCKLEY, TX	1	0010206629	WSBK494	N
T-Mobile License LLC	D48219	HOCKLEY, TX	2	0010206629	WSBK495	N
T-Mobile License LLC	D48219	HOCKLEY, TX	3	0010206629	WSBK496	N
T-Mobile License LLC	D48221	HOOD, TX	1	0010206629	WSBK497	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48221	HOOD, TX	2	0010206629	WSBK498	N
T-Mobile License LLC	D48221	HOOD, TX	3	0010206629	WSBK499	N
T-Mobile License LLC	D48223	HOPKINS, TX	1	0010206629	WSBK500	N
T-Mobile License LLC	D48223	HOPKINS, TX	2	0010206629	WSBK501	N
T-Mobile License LLC	D48223	HOPKINS, TX	3	0010206629	WSBK502	N
T-Mobile License LLC	D48225	HOUSTON, TX	1	0010206629	WSBK503	N
T-Mobile License LLC	D48225	HOUSTON, TX	2	0010206629	WSBK504	N
T-Mobile License LLC	D48225	HOUSTON, TX	3	0010206629	WSBK505	N
T-Mobile License LLC	D48227	HOWARD, TX	1	0010206629	WSBK506	N
T-Mobile License LLC	D48227	HOWARD, TX	2	0010206629	WSBK507	N
T-Mobile License LLC	D48227	HOWARD, TX	3	0010206629	WSBK508	N
T-Mobile License LLC	D48229	HUDSPETH, TX	1	0010206629	WSBK509	N
T-Mobile License LLC	D48229	HUDSPETH, TX	2	0010206629	WSBK510	N
T-Mobile License LLC	D48229	HUDSPETH, TX	3	0010206629	WSBK511	N
T-Mobile License LLC	D48231	HUNT, TX	1	0010206629	WSBK512	N
T-Mobile License LLC	D48231	HUNT, TX	2	0010206629	WSBK513	N
T-Mobile License LLC	D48231	HUNT, TX	3	0010206629	WSBK514	N
T-Mobile License LLC	D48233	HUTCHINSON, TX	1	0010206629	WSBK515	N
T-Mobile License LLC	D48233	HUTCHINSON, TX	2	0010206629	WSBK516	N
T-Mobile License LLC	D48233	HUTCHINSON, TX	3	0010206629	WSBK517	N
T-Mobile License LLC	D48235	IRION, TX	1	0010206629	WSBK518	N
T-Mobile License LLC	D48235	IRION, TX	2	0010206629	WSBK519	N
T-Mobile License LLC	D48235	IRION, TX	3	0010206629	WSBK520	N
T-Mobile License LLC	D48237	JACK, TX	2	0010206629	WSBK521	N
T-Mobile License LLC	D48237	JACK, TX	3	0010206629	WSBK522	N
T-Mobile License LLC	D48239	JACKSON, TX	1	0010206629	WSBK523	N
T-Mobile License LLC	D48239	JACKSON, TX	2	0010206629	WSBK524	N
T-Mobile License LLC	D48239	JACKSON, TX	3	0010206629	WSBK525	N
T-Mobile License LLC	D48241	JASPER, TX	1	0010206629	WSBK526	N
T-Mobile License LLC	D48241	JASPER, TX	2	0010206629	WSBK527	N
T-Mobile License LLC	D48243	JEFF DAVIS, TX	1	0010206629	WSBK528	N
T-Mobile License LLC	D48243	JEFF DAVIS, TX	2	0010206629	WSBK529	N
T-Mobile License LLC	D48243	JEFF DAVIS, TX	3	0010206629	WSBK530	N
T-Mobile License LLC	D48245	JEFFERSON, TX	1	0010206629	WSBK531	N
T-Mobile License LLC	D48245	JEFFERSON, TX	2	0010206629	WSBK532	N
T-Mobile License LLC	D48245	JEFFERSON, TX	3	0010206629	WSBK533	N
T-Mobile License LLC	D48247	JIM HOGG, TX	1	0010206629	WSBK534	N
T-Mobile License LLC	D48247	JIM HOGG, TX	2	0010206629	WSBK535	N
T-Mobile License LLC	D48247	JIM HOGG, TX	3	0010206629	WSBK536	N
T-Mobile License LLC	D48249	JIM WELLS, TX	1	0010206629	WSBK537	N
T-Mobile License LLC	D48249	JIM WELLS, TX	2	0010206629	WSBK538	N
T-Mobile License LLC	D48249	JIM WELLS, TX	3	0010206629	WSBK539	N
T-Mobile License LLC	D48251	JOHNSON, TX	1	0010206629	WSBK540	N
T-Mobile License LLC	D48251	JOHNSON, TX	2	0010206629	WSBK541	N
T-Mobile License LLC	D48251	JOHNSON, TX	3	0010206629	WSBK542	N
T-Mobile License LLC	D48253	JONES, TX	1	0010206629	WSBK543	N
T-Mobile License LLC	D48253	JONES, TX	2	0010206629	WSBK544	N
T-Mobile License LLC	D48253	JONES, TX	3	0010206629	WSBK545	N
T-Mobile License LLC	D48255	KARNES, TX	1	0010206629	WSBK546	N
T-Mobile License LLC	D48255	KARNES, TX	2	0010206629	WSBK547	N
T-Mobile License LLC	D48255	KARNES, TX	3	0010206629	WSBK548	N
T-Mobile License LLC	D48257	KAUFMAN, TX	1	0010206629	WSBK549	N
T-Mobile License LLC	D48257	KAUFMAN, TX	2	0010206629	WSBK550	N
T-Mobile License LLC	D48257	KAUFMAN, TX	3	0010206629	WSBK551	N
T-Mobile License LLC	D48259	KENDALL, TX	1	0010206629	WSBK552	N
T-Mobile License LLC	D48259	KENDALL, TX	2	0010206629	WSBK553	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48259	KENDALL, TX	3	0010206629	WSBK554	N
T-Mobile License LLC	D48261	KENEDY, TX	1	0010206629	WSBK555	N
T-Mobile License LLC	D48261	KENEDY, TX	2	0010206629	WSBK556	N
T-Mobile License LLC	D48261	KENEDY, TX	3	0010206629	WSBK557	N
T-Mobile License LLC	D48263	KENT, TX	2	0010206629	WSBK558	N
T-Mobile License LLC	D48263	KENT, TX	3	0010206629	WSBK559	N
T-Mobile License LLC	D48265	KERR, TX	1	0010206629	WSBK560	N
T-Mobile License LLC	D48265	KERR, TX	2	0010206629	WSBK561	N
T-Mobile License LLC	D48265	KERR, TX	3	0010206629	WSBK562	N
T-Mobile License LLC	D48267	KIMBLE, TX	1	0010206629	WSBK563	N
T-Mobile License LLC	D48267	KIMBLE, TX	2	0010206629	WSBK564	N
T-Mobile License LLC	D48267	KIMBLE, TX	3	0010206629	WSBK565	N
T-Mobile License LLC	D48269	KING, TX	1	0010206629	WSBK566	N
T-Mobile License LLC	D48269	KING, TX	2	0010206629	WSBK567	N
T-Mobile License LLC	D48269	KING, TX	3	0010206629	WSBK568	N
T-Mobile License LLC	D48271	KINNEY, TX	1	0010206629	WSBK569	N
T-Mobile License LLC	D48271	KINNEY, TX	2	0010206629	WSBK570	N
T-Mobile License LLC	D48271	KINNEY, TX	3	0010206629	WSBK571	N
T-Mobile License LLC	D48273	KLEBERG, TX	1	0010206629	WSBK572	N
T-Mobile License LLC	D48273	KLEBERG, TX	2	0010206629	WSBK573	N
T-Mobile License LLC	D48273	KLEBERG, TX	3	0010206629	WSBK574	N
T-Mobile License LLC	D48275	KNOX, TX	1	0010206629	WSBK575	N
T-Mobile License LLC	D48275	KNOX, TX	2	0010206629	WSBK576	N
T-Mobile License LLC	D48275	KNOX, TX	3	0010206629	WSBK577	N
T-Mobile License LLC	D48277	LAMAR, TX	2	0010206629	WSBK578	N
T-Mobile License LLC	D48277	LAMAR, TX	3	0010206629	WSBK579	N
T-Mobile License LLC	D48279	LAMB, TX	1	0010206629	WSBK580	N
T-Mobile License LLC	D48279	LAMB, TX	2	0010206629	WSBK581	N
T-Mobile License LLC	D48279	LAMB, TX	3	0010206629	WSBK582	N
T-Mobile License LLC	D48281	LAMPASAS, TX	2	0010206629	WSBK583	N
T-Mobile License LLC	D48281	LAMPASAS, TX	3	0010206629	WSBK584	N
T-Mobile License LLC	D48283	LA SALLE, TX	1	0010206629	WSBK585	N
T-Mobile License LLC	D48283	LA SALLE, TX	2	0010206629	WSBK586	N
T-Mobile License LLC	D48283	LA SALLE, TX	3	0010206629	WSBK587	N
T-Mobile License LLC	D48285	LAVACA, TX	1	0010206629	WSBK588	N
T-Mobile License LLC	D48285	LAVACA, TX	2	0010206629	WSBK589	N
T-Mobile License LLC	D48285	LAVACA, TX	3	0010206629	WSBK590	N
T-Mobile License LLC	D48287	LEE, TX	1	0010206629	WSBK591	N
T-Mobile License LLC	D48287	LEE, TX	2	0010206629	WSBK592	N
T-Mobile License LLC	D48287	LEE, TX	3	0010206629	WSBK593	N
T-Mobile License LLC	D48289	LEON, TX	1	0010206629	WSBK594	N
T-Mobile License LLC	D48289	LEON, TX	2	0010206629	WSBK595	N
T-Mobile License LLC	D48289	LEON, TX	3	0010206629	WSBK596	N
T-Mobile License LLC	D48291	LIBERTY, TX	1	0010206629	WSBK597	N
T-Mobile License LLC	D48291	LIBERTY, TX	2	0010206629	WSBK598	N
T-Mobile License LLC	D48291	LIBERTY, TX	3	0010206629	WSBK599	N
T-Mobile License LLC	D48293	LIMESTONE, TX	1	0010206629	WSBK600	N
T-Mobile License LLC	D48293	LIMESTONE, TX	2	0010206629	WSBK601	N
T-Mobile License LLC	D48293	LIMESTONE, TX	3	0010206629	WSBK602	N
T-Mobile License LLC	D48295	LIPSCOMB, TX	1	0010206629	WSBK603	N
T-Mobile License LLC	D48295	LIPSCOMB, TX	2	0010206629	WSBK604	N
T-Mobile License LLC	D48295	LIPSCOMB, TX	3	0010206629	WSBK605	N
T-Mobile License LLC	D48297	LIVE OAK, TX	1	0010206629	WSBK606	N
T-Mobile License LLC	D48297	LIVE OAK, TX	2	0010206629	WSBK607	N
T-Mobile License LLC	D48297	LIVE OAK, TX	3	0010206629	WSBK608	N
T-Mobile License LLC	D48299	LLANO, TX	1	0010206629	WSBK609	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48299	LLANO, TX	2	0010206629	WSBK610	N
T-Mobile License LLC	D48299	LLANO, TX	3	0010206629	WSBK611	N
T-Mobile License LLC	D48301	LOVING, TX	1	0010206629	WSBK612	N
T-Mobile License LLC	D48301	LOVING, TX	2	0010206629	WSBK613	N
T-Mobile License LLC	D48301	LOVING, TX	3	0010206629	WSBK614	N
T-Mobile License LLC	D48305	LYNN, TX	1	0010206629	WSBK615	N
T-Mobile License LLC	D48305	LYNN, TX	2	0010206629	WSBK616	N
T-Mobile License LLC	D48307	MCCULLOCH, TX	1	0010206629	WSBK617	N
T-Mobile License LLC	D48307	MCCULLOCH, TX	2	0010206629	WSBK618	N
T-Mobile License LLC	D48307	MCCULLOCH, TX	3	0010206629	WSBK619	N
T-Mobile License LLC	D48311	MCMULLEN, TX	1	0010206629	WSBK620	N
T-Mobile License LLC	D48311	MCMULLEN, TX	2	0010206629	WSBK621	N
T-Mobile License LLC	D48311	MCMULLEN, TX	3	0010206629	WSBK622	N
T-Mobile License LLC	D48313	MADISON, TX	1	0010206629	WSBK623	N
T-Mobile License LLC	D48313	MADISON, TX	2	0010206629	WSBK624	N
T-Mobile License LLC	D48313	MADISON, TX	3	0010206629	WSBK625	N
T-Mobile License LLC	D48315	MARION, TX	1	0010206629	WSBK626	N
T-Mobile License LLC	D48315	MARION, TX	2	0010206629	WSBK627	N
T-Mobile License LLC	D48315	MARION, TX	3	0010206629	WSBK628	N
T-Mobile License LLC	D48317	MARTIN, TX	1	0010206629	WSBK629	N
T-Mobile License LLC	D48317	MARTIN, TX	2	0010206629	WSBK630	N
T-Mobile License LLC	D48317	MARTIN, TX	3	0010206629	WSBK631	N
T-Mobile License LLC	D48319	MASON, TX	1	0010206629	WSBK632	N
T-Mobile License LLC	D48319	MASON, TX	2	0010206629	WSBK633	N
T-Mobile License LLC	D48319	MASON, TX	3	0010206629	WSBK634	N
T-Mobile License LLC	D48321	MATAGORDA, TX	1	0010206629	WSBK635	N
T-Mobile License LLC	D48321	MATAGORDA, TX	2	0010206629	WSBK636	N
T-Mobile License LLC	D48321	MATAGORDA, TX	3	0010206629	WSBK637	N
T-Mobile License LLC	D48323	MAVERICK, TX	1	0010206629	WSBK638	N
T-Mobile License LLC	D48323	MAVERICK, TX	2	0010206629	WSBK639	N
T-Mobile License LLC	D48323	MAVERICK, TX	3	0010206629	WSBK640	N
T-Mobile License LLC	D48325	MEDINA, TX	1	0010206629	WSBK641	N
T-Mobile License LLC	D48325	MEDINA, TX	2	0010206629	WSBK642	N
T-Mobile License LLC	D48325	MEDINA, TX	3	0010206629	WSBK643	N
T-Mobile License LLC	D48327	MENARD, TX	1	0010206629	WSBK644	N
T-Mobile License LLC	D48327	MENARD, TX	2	0010206629	WSBK645	N
T-Mobile License LLC	D48327	MENARD, TX	3	0010206629	WSBK646	N
T-Mobile License LLC	D48329	MIDLAND, TX	1	0010206629	WSBK647	N
T-Mobile License LLC	D48329	MIDLAND, TX	2	0010206629	WSBK648	N
T-Mobile License LLC	D48329	MIDLAND, TX	3	0010206629	WSBK649	N
T-Mobile License LLC	D48331	MILAM, TX	1	0010206629	WSBK650	N
T-Mobile License LLC	D48331	MILAM, TX	2	0010206629	WSBK651	N
T-Mobile License LLC	D48331	MILAM, TX	3	0010206629	WSBK652	N
T-Mobile License LLC	D48335	MITCHELL, TX	1	0010206629	WSBK653	N
T-Mobile License LLC	D48335	MITCHELL, TX	2	0010206629	WSBK654	N
T-Mobile License LLC	D48335	MITCHELL, TX	3	0010206629	WSBK655	N
T-Mobile License LLC	D48337	MONTAGUE, TX	2	0010206629	WSBK656	N
T-Mobile License LLC	D48337	MONTAGUE, TX	3	0010206629	WSBK657	N
T-Mobile License LLC	D48339	MONTGOMERY, TX	1	0010206629	WSBK658	N
T-Mobile License LLC	D48339	MONTGOMERY, TX	2	0010206629	WSBK659	N
T-Mobile License LLC	D48339	MONTGOMERY, TX	3	0010206629	WSBK660	N
T-Mobile License LLC	D48341	MOORE, TX	1	0010206629	WSBK661	N
T-Mobile License LLC	D48341	MOORE, TX	2	0010206629	WSBK662	N
T-Mobile License LLC	D48341	MOORE, TX	3	0010206629	WSBK663	N
T-Mobile License LLC	D48343	MORRIS, TX	2	0010206629	WSBK664	N
T-Mobile License LLC	D48343	MORRIS, TX	3	0010206629	WSBK665	N

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SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48345	MOTLEY, TX	1	0010206629	WSBK666	N
T-Mobile License LLC	D48345	MOTLEY, TX	2	0010206629	WSBK667	N
T-Mobile License LLC	D48345	MOTLEY, TX	3	0010206629	WSBK668	N
T-Mobile License LLC	D48347	NACOGDOCHES, TX	1	0010206629	WSBK669	N
T-Mobile License LLC	D48347	NACOGDOCHES, TX	2	0010206629	WSBK670	N
T-Mobile License LLC	D48347	NACOGDOCHES, TX	3	0010206629	WSBK671	N
T-Mobile License LLC	D48349	NAVARRO, TX	2	0010206629	WSBK672	N
T-Mobile License LLC	D48351	NEWTON, TX	1	0010206629	WSBK673	N
T-Mobile License LLC	D48351	NEWTON, TX	2	0010206629	WSBK674	N
T-Mobile License LLC	D48351	NEWTON, TX	3	0010206629	WSBK675	N
T-Mobile License LLC	D48353	NOLAN, TX	1	0010206629	WSBK676	N
T-Mobile License LLC	D48353	NOLAN, TX	2	0010206629	WSBK677	N
T-Mobile License LLC	D48353	NOLAN, TX	3	0010206629	WSBK678	N
T-Mobile License LLC	D48355	NUECES, TX	1	0010206629	WSBK679	N
T-Mobile License LLC	D48355	NUECES, TX	2	0010206629	WSBK680	N
T-Mobile License LLC	D48355	NUECES, TX	3	0010206629	WSBK681	N
T-Mobile License LLC	D48357	OCHILTREE, TX	1	0010206629	WSBK682	N
T-Mobile License LLC	D48357	OCHILTREE, TX	2	0010206629	WSBK683	N
T-Mobile License LLC	D48357	OCHILTREE, TX	3	0010206629	WSBK684	N
T-Mobile License LLC	D48359	OLDHAM, TX	1	0010206629	WSBK685	N
T-Mobile License LLC	D48359	OLDHAM, TX	2	0010206629	WSBK686	N
T-Mobile License LLC	D48359	OLDHAM, TX	3	0010206629	WSBK687	N
T-Mobile License LLC	D48361	ORANGE, TX	2	0010206629	WSBK688	N
T-Mobile License LLC	D48363	PALO PINTO, TX	1	0010206629	WSBK689	N
T-Mobile License LLC	D48363	PALO PINTO, TX	2	0010206629	WSBK690	N
T-Mobile License LLC	D48363	PALO PINTO, TX	3	0010206629	WSBK691	N
T-Mobile License LLC	D48365	PANOLA, TX	1	0010206629	WSBK692	N
T-Mobile License LLC	D48365	PANOLA, TX	2	0010206629	WSBK693	N
T-Mobile License LLC	D48365	PANOLA, TX	3	0010206629	WSBK694	N
T-Mobile License LLC	D48367	PARKER, TX	1	0010206629	WSBK695	N
T-Mobile License LLC	D48367	PARKER, TX	2	0010206629	WSBK696	N
T-Mobile License LLC	D48367	PARKER, TX	3	0010206629	WSBK697	N
T-Mobile License LLC	D48369	PARMER, TX	1	0010206629	WSBK698	N
T-Mobile License LLC	D48369	PARMER, TX	2	0010206629	WSBK699	N
T-Mobile License LLC	D48369	PARMER, TX	3	0010206629	WSBK700	N
T-Mobile License LLC	D48371	PECOS, TX	1	0010206629	WSBK701	N
T-Mobile License LLC	D48371	PECOS, TX	2	0010206629	WSBK702	N
T-Mobile License LLC	D48371	PECOS, TX	3	0010206629	WSBK703	N
T-Mobile License LLC	D48373	POLK, TX	1	0010206629	WSBK704	N
T-Mobile License LLC	D48373	POLK, TX	2	0010206629	WSBK705	N
T-Mobile License LLC	D48373	POLK, TX	3	0010206629	WSBK706	N
T-Mobile License LLC	D48375	POTTER, TX	1	0010206629	WSBK707	N
T-Mobile License LLC	D48375	POTTER, TX	2	0010206629	WSBK708	N
T-Mobile License LLC	D48377	PRESIDIO, TX	1	0010206629	WSBK709	N
T-Mobile License LLC	D48377	PRESIDIO, TX	2	0010206629	WSBK710	N
T-Mobile License LLC	D48377	PRESIDIO, TX	3	0010206629	WSBK711	N
T-Mobile License LLC	D48379	RAINS, TX	1	0010206629	WSBK712	N
T-Mobile License LLC	D48379	RAINS, TX	2	0010206629	WSBK713	N
T-Mobile License LLC	D48379	RAINS, TX	3	0010206629	WSBK714	N
T-Mobile License LLC	D48381	RANDALL, TX	1	0010206629	WSBK715	N
T-Mobile License LLC	D48381	RANDALL, TX	2	0010206629	WSBK716	N
T-Mobile License LLC	D48381	RANDALL, TX	3	0010206629	WSBK717	N
T-Mobile License LLC	D48383	REAGAN, TX	1	0010206629	WSBK718	N
T-Mobile License LLC	D48383	REAGAN, TX	2	0010206629	WSBK719	N
T-Mobile License LLC	D48383	REAGAN, TX	3	0010206629	WSBK720	N
T-Mobile License LLC	D48385	REAL, TX	1	0010206629	WSBK721	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48385	REAL, TX	2	0010206629	WSBK722	N
T-Mobile License LLC	D48385	REAL, TX	3	0010206629	WSBK723	N
T-Mobile License LLC	D48387	RED RIVER, TX	1	0010206629	WSBK724	N
T-Mobile License LLC	D48387	RED RIVER, TX	2	0010206629	WSBK725	N
T-Mobile License LLC	D48387	RED RIVER, TX	3	0010206629	WSBK726	N
T-Mobile License LLC	D48389	REEVES, TX	1	0010206629	WSBK727	N
T-Mobile License LLC	D48389	REEVES, TX	2	0010206629	WSBK728	N
T-Mobile License LLC	D48389	REEVES, TX	3	0010206629	WSBK729	N
T-Mobile License LLC	D48391	REFUGIO, TX	1	0010206629	WSBK730	N
T-Mobile License LLC	D48391	REFUGIO, TX	2	0010206629	WSBK731	N
T-Mobile License LLC	D48391	REFUGIO, TX	3	0010206629	WSBK732	N
T-Mobile License LLC	D48393	ROBERTS, TX	1	0010206629	WSBK733	N
T-Mobile License LLC	D48393	ROBERTS, TX	2	0010206629	WSBK734	N
T-Mobile License LLC	D48393	ROBERTS, TX	3	0010206629	WSBK735	N
T-Mobile License LLC	D48395	ROBERTSON, TX	1	0010206629	WSBK736	N
T-Mobile License LLC	D48395	ROBERTSON, TX	2	0010206629	WSBK737	N
T-Mobile License LLC	D48395	ROBERTSON, TX	3	0010206629	WSBK738	N
T-Mobile License LLC	D48399	RUNNELS, TX	1	0010206629	WSBK739	N
T-Mobile License LLC	D48399	RUNNELS, TX	2	0010206629	WSBK740	N
T-Mobile License LLC	D48399	RUNNELS, TX	3	0010206629	WSBK741	N
T-Mobile License LLC	D48401	RUSK, TX	1	0010206629	WSBK742	N
T-Mobile License LLC	D48401	RUSK, TX	2	0010206629	WSBK743	N
T-Mobile License LLC	D48401	RUSK, TX	3	0010206629	WSBK744	N
T-Mobile License LLC	D48403	SABINE, TX	2	0010206629	WSBK745	N
T-Mobile License LLC	D48403	SABINE, TX	3	0010206629	WSBK746	N
T-Mobile License LLC	D48405	SAN AUGUSTINE, TX	1	0010206629	WSBK747	N
T-Mobile License LLC	D48405	SAN AUGUSTINE, TX	2	0010206629	WSBK748	N
T-Mobile License LLC	D48405	SAN AUGUSTINE, TX	3	0010206629	WSBK749	N
T-Mobile License LLC	D48407	SAN JACINTO, TX	1	0010206629	WSBK750	N
T-Mobile License LLC	D48407	SAN JACINTO, TX	2	0010206629	WSBK751	N
T-Mobile License LLC	D48407	SAN JACINTO, TX	3	0010206629	WSBK752	N
T-Mobile License LLC	D48409	SAN PATRICIO, TX	1	0010206629	WSBK753	N
T-Mobile License LLC	D48409	SAN PATRICIO, TX	2	0010206629	WSBK754	N
T-Mobile License LLC	D48409	SAN PATRICIO, TX	3	0010206629	WSBK755	N
T-Mobile License LLC	D48411	SAN SABA, TX	1	0010206629	WSBK756	N
T-Mobile License LLC	D48411	SAN SABA, TX	2	0010206629	WSBK757	N
T-Mobile License LLC	D48411	SAN SABA, TX	3	0010206629	WSBK758	N
T-Mobile License LLC	D48413	SCHLEICHER, TX	1	0010206629	WSBK759	N
T-Mobile License LLC	D48413	SCHLEICHER, TX	2	0010206629	WSBK760	N
T-Mobile License LLC	D48413	SCHLEICHER, TX	3	0010206629	WSBK761	N
T-Mobile License LLC	D48415	SCURRY, TX	2	0010206629	WSBK762	N
T-Mobile License LLC	D48415	SCURRY, TX	3	0010206629	WSBK763	N
T-Mobile License LLC	D48417	SHACKELFORD, TX	1	0010206629	WSBK764	N
T-Mobile License LLC	D48417	SHACKELFORD, TX	2	0010206629	WSBK765	N
T-Mobile License LLC	D48417	SHACKELFORD, TX	3	0010206629	WSBK766	N
T-Mobile License LLC	D48419	SHELBY, TX	1	0010206629	WSBK767	N
T-Mobile License LLC	D48419	SHELBY, TX	2	0010206629	WSBK768	N
T-Mobile License LLC	D48419	SHELBY, TX	3	0010206629	WSBK769	N
T-Mobile License LLC	D48421	SHERMAN, TX	1	0010206629	WSBK770	N
T-Mobile License LLC	D48421	SHERMAN, TX	2	0010206629	WSBK771	N
T-Mobile License LLC	D48421	SHERMAN, TX	3	0010206629	WSBK772	N
T-Mobile License LLC	D48423	SMITH, TX	1	0010206629	WSBK773	N
T-Mobile License LLC	D48423	SMITH, TX	2	0010206629	WSBK774	N
T-Mobile License LLC	D48423	SMITH, TX	3	0010206629	WSBK775	N
T-Mobile License LLC	D48425	SOMERVELL, TX	1	0010206629	WSBK776	N
T-Mobile License LLC	D48425	SOMERVELL, TX	2	0010206629	WSBK777	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48425	SOMERVELL, TX	3	0010206629	WSBK778	N
T-Mobile License LLC	D48427	STARR, TX	1	0010206629	WSBK779	N
T-Mobile License LLC	D48427	STARR, TX	2	0010206629	WSBK780	N
T-Mobile License LLC	D48427	STARR, TX	3	0010206629	WSBK781	N
T-Mobile License LLC	D48429	STEPHENS, TX	1	0010206629	WSBK782	N
T-Mobile License LLC	D48429	STEPHENS, TX	2	0010206629	WSBK783	N
T-Mobile License LLC	D48429	STEPHENS, TX	3	0010206629	WSBK784	N
T-Mobile License LLC	D48431	STERLING, TX	1	0010206629	WSBK785	N
T-Mobile License LLC	D48431	STERLING, TX	2	0010206629	WSBK786	N
T-Mobile License LLC	D48431	STERLING, TX	3	0010206629	WSBK787	N
T-Mobile License LLC	D48433	STONEWALL, TX	2	0010206629	WSBK788	N
T-Mobile License LLC	D48433	STONEWALL, TX	3	0010206629	WSBK789	N
T-Mobile License LLC	D48435	SUTTON, TX	1	0010206629	WSBK790	N
T-Mobile License LLC	D48435	SUTTON, TX	2	0010206629	WSBK791	N
T-Mobile License LLC	D48435	SUTTON, TX	3	0010206629	WSBK792	N
T-Mobile License LLC	D48437	SWISHER, TX	1	0010206629	WSBK793	N
T-Mobile License LLC	D48437	SWISHER, TX	2	0010206629	WSBK794	N
T-Mobile License LLC	D48437	SWISHER, TX	3	0010206629	WSBK795	N
T-Mobile License LLC	D48443	TERRELL, TX	2	0010206629	WSBK796	N
T-Mobile License LLC	D48443	TERRELL, TX	3	0010206629	WSBK797	N
T-Mobile License LLC	D48445	TERRY, TX	1	0010206629	WSBK798	N
T-Mobile License LLC	D48445	TERRY, TX	2	0010206629	WSBK799	N
T-Mobile License LLC	D48445	TERRY, TX	3	0010206629	WSBK800	N
T-Mobile License LLC	D48447	THROCKMORTON, TX	1	0010206629	WSBK801	N
T-Mobile License LLC	D48447	THROCKMORTON, TX	2	0010206629	WSBK802	N
T-Mobile License LLC	D48447	THROCKMORTON, TX	3	0010206629	WSBK803	N
T-Mobile License LLC	D48449	TITUS, TX	2	0010206629	WSBK804	N
T-Mobile License LLC	D48449	TITUS, TX	3	0010206629	WSBK805	N
T-Mobile License LLC	D48451	TOM GREEN, TX	3	0010206629	WSBK806	N
T-Mobile License LLC	D48453	TRAVIS, TX	1	0010206629	WSBK807	N
T-Mobile License LLC	D48453	TRAVIS, TX	2	0010206629	WSBK808	N
T-Mobile License LLC	D48453	TRAVIS, TX	3	0010206629	WSBK809	N
T-Mobile License LLC	D48455	TRINITY, TX	2	0010206629	WSBK810	N
T-Mobile License LLC	D48455	TRINITY, TX	3	0010206629	WSBK811	N
T-Mobile License LLC	D48457	TYLER, TX	2	0010206629	WSBK812	N
T-Mobile License LLC	D48457	TYLER, TX	3	0010206629	WSBK813	N
T-Mobile License LLC	D48459	UPSHUR, TX	1	0010206629	WSBK814	N
T-Mobile License LLC	D48459	UPSHUR, TX	2	0010206629	WSBK815	N
T-Mobile License LLC	D48459	UPSHUR, TX	3	0010206629	WSBK816	N
T-Mobile License LLC	D48461	UPTON, TX	1	0010206629	WSBK817	N
T-Mobile License LLC	D48461	UPTON, TX	2	0010206629	WSBK818	N
T-Mobile License LLC	D48461	UPTON, TX	3	0010206629	WSBK819	N
T-Mobile License LLC	D48463	UVALDE, TX	1	0010206629	WSBK820	N
T-Mobile License LLC	D48463	UVALDE, TX	2	0010206629	WSBK821	N
T-Mobile License LLC	D48463	UVALDE, TX	3	0010206629	WSBK822	N
T-Mobile License LLC	D48465	VAL VERDE, TX	1	0010206629	WSBK823	N
T-Mobile License LLC	D48465	VAL VERDE, TX	2	0010206629	WSBK824	N
T-Mobile License LLC	D48465	VAL VERDE, TX	3	0010206629	WSBK825	N
T-Mobile License LLC	D48467	VAN ZANDT, TX	1	0010206629	WSBK826	N
T-Mobile License LLC	D48467	VAN ZANDT, TX	2	0010206629	WSBK827	N
T-Mobile License LLC	D48467	VAN ZANDT, TX	3	0010206629	WSBK828	N
T-Mobile License LLC	D48469	VICTORIA, TX	1	0010206629	WSBK829	N
T-Mobile License LLC	D48469	VICTORIA, TX	2	0010206629	WSBK830	N
T-Mobile License LLC	D48469	VICTORIA, TX	3	0010206629	WSBK831	N
T-Mobile License LLC	D48471	WALKER, TX	1	0010206629	WSBK832	N
T-Mobile License LLC	D48471	WALKER, TX	2	0010206629	WSBK833	N

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T-Mobile License LLC	D48471	WALKER, TX	3	0010206629	WSBK834	N
T-Mobile License LLC	D48473	WALLER, TX	1	0010206629	WSBK835	N
T-Mobile License LLC	D48473	WALLER, TX	2	0010206629	WSBK836	N
T-Mobile License LLC	D48473	WALLER, TX	3	0010206629	WSBK837	N
T-Mobile License LLC	D48475	WARD, TX	1	0010206629	WSBK838	N
T-Mobile License LLC	D48475	WARD, TX	2	0010206629	WSBK839	N
T-Mobile License LLC	D48475	WARD, TX	3	0010206629	WSBK840	N
T-Mobile License LLC	D48479	WEBB, TX	1	0010206629	WSBK841	N
T-Mobile License LLC	D48479	WEBB, TX	2	0010206629	WSBK842	N
T-Mobile License LLC	D48479	WEBB, TX	3	0010206629	WSBK843	N
T-Mobile License LLC	D48481	WHARTON, TX	1	0010206629	WSBK844	N
T-Mobile License LLC	D48481	WHARTON, TX	2	0010206629	WSBK845	N
T-Mobile License LLC	D48481	WHARTON, TX	3	0010206629	WSBK846	N
T-Mobile License LLC	D48483	WHEELER, TX	1	0010206629	WSBK847	N
T-Mobile License LLC	D48483	WHEELER, TX	2	0010206629	WSBK848	N
T-Mobile License LLC	D48483	WHEELER, TX	3	0010206629	WSBK849	N
T-Mobile License LLC	D48487	WILBARGER, TX	1	0010206629	WSBK850	N
T-Mobile License LLC	D48487	WILBARGER, TX	2	0010206629	WSBK851	N
T-Mobile License LLC	D48487	WILBARGER, TX	3	0010206629	WSBK852	N
T-Mobile License LLC	D48489	WILLACY, TX	1	0010206629	WSBK853	N
T-Mobile License LLC	D48489	WILLACY, TX	2	0010206629	WSBK854	N
T-Mobile License LLC	D48489	WILLACY, TX	3	0010206629	WSBK855	N
T-Mobile License LLC	D48491	WILLIAMSON, TX	2	0010206629	WSBK856	N
T-Mobile License LLC	D48491	WILLIAMSON, TX	3	0010206629	WSBK857	N
T-Mobile License LLC	D48493	WILSON, TX	1	0010206629	WSBK858	N
T-Mobile License LLC	D48493	WILSON, TX	2	0010206629	WSBK859	N
T-Mobile License LLC	D48493	WILSON, TX	3	0010206629	WSBK860	N
T-Mobile License LLC	D48495	WINKLER, TX	1	0010206629	WSBK861	N
T-Mobile License LLC	D48495	WINKLER, TX	2	0010206629	WSBK862	N
T-Mobile License LLC	D48495	WINKLER, TX	3	0010206629	WSBK863	N
T-Mobile License LLC	D48497	WISE, TX	1	0010206629	WSBK864	N
T-Mobile License LLC	D48497	WISE, TX	2	0010206629	WSBK865	N
T-Mobile License LLC	D48497	WISE, TX	3	0010206629	WSBK866	N
T-Mobile License LLC	D48499	WOOD, TX	2	0010206629	WSBK867	N
T-Mobile License LLC	D48499	WOOD, TX	3	0010206629	WSBK868	N
T-Mobile License LLC	D48501	YOAKUM, TX	1	0010206629	WSBK869	N
T-Mobile License LLC	D48501	YOAKUM, TX	2	0010206629	WSBK870	N
T-Mobile License LLC	D48501	YOAKUM, TX	3	0010206629	WSBK871	N
T-Mobile License LLC	D48503	YOUNG, TX	1	0010206629	WSBK872	N
T-Mobile License LLC	D48503	YOUNG, TX	2	0010206629	WSBK873	N
T-Mobile License LLC	D48503	YOUNG, TX	3	0010206629	WSBK874	N
T-Mobile License LLC	D48505	ZAPATA, TX	1	0010206629	WSBK875	N
T-Mobile License LLC	D48505	ZAPATA, TX	2	0010206629	WSBK876	N
T-Mobile License LLC	D48505	ZAPATA, TX	3	0010206629	WSBK877	N
T-Mobile License LLC	D48507	ZAVALA, TX	1	0010206629	WSBK878	N
T-Mobile License LLC	D48507	ZAVALA, TX	2	0010206629	WSBK879	N
T-Mobile License LLC	D48507	ZAVALA, TX	3	0010206629	WSBK880	N
T-Mobile License LLC	D49001	BEAVER, UT	2	0010206629	WSBK881	N
T-Mobile License LLC	D49001	BEAVER, UT	3	0010206629	WSBK882	N
T-Mobile License LLC	D49003	BOX ELDER, UT	1	0010206629	WSBK883	N
T-Mobile License LLC	D49003	BOX ELDER, UT	2	0010206629	WSBK884	N
T-Mobile License LLC	D49005	CACHE, UT	1	0010206629	WSBK885	N
T-Mobile License LLC	D49005	CACHE, UT	2	0010206629	WSBK886	N
T-Mobile License LLC	D49005	CACHE, UT	3	0010206629	WSBK887	N
T-Mobile License LLC	D49007	CARBON, UT	2	0010206629	WSBK888	N
T-Mobile License LLC	D49007	CARBON, UT	3	0010206629	WSBK889	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D49009	DAGGETT, UT	3	0010206629	WSBK890	N
T-Mobile License LLC	D49011	DAVIS, UT	1	0010206629	WSBK891	N
T-Mobile License LLC	D49011	DAVIS, UT	2	0010206629	WSBK892	N
T-Mobile License LLC	D49011	DAVIS, UT	3	0010206629	WSBK893	N
T-Mobile License LLC	D49015	EMERY, UT	1	0010206629	WSBK894	N
T-Mobile License LLC	D49015	EMERY, UT	2	0010206629	WSBK895	N
T-Mobile License LLC	D49015	EMERY, UT	3	0010206629	WSBK896	N
T-Mobile License LLC	D49017	GARFIELD, UT	2	0010206629	WSBK897	N
T-Mobile License LLC	D49017	GARFIELD, UT	3	0010206629	WSBK898	N
T-Mobile License LLC	D49019	GRAND, UT	1	0010206629	WSBK899	N
T-Mobile License LLC	D49019	GRAND, UT	2	0010206629	WSBK900	N
T-Mobile License LLC	D49019	GRAND, UT	3	0010206629	WSBK901	N
T-Mobile License LLC	D49021	IRON, UT	1	0010206629	WSBK902	N
T-Mobile License LLC	D49021	IRON, UT	2	0010206629	WSBK903	N
T-Mobile License LLC	D49021	IRON, UT	3	0010206629	WSBK904	N
T-Mobile License LLC	D49023	JUAB, UT	2	0010206629	WSBK905	N
T-Mobile License LLC	D49023	JUAB, UT	3	0010206629	WSBK906	N
T-Mobile License LLC	D49025	KANE, UT	2	0010206629	WSBK907	N
T-Mobile License LLC	D49025	KANE, UT	3	0010206629	WSBK908	N
T-Mobile License LLC	D49027	MILLARD, UT	2	0010206629	WSBK909	N
T-Mobile License LLC	D49029	MORGAN, UT	1	0010206629	WSBK910	N
T-Mobile License LLC	D49029	MORGAN, UT	2	0010206629	WSBK911	N
T-Mobile License LLC	D49029	MORGAN, UT	3	0010206629	WSBK912	N
T-Mobile License LLC	D49031	PIUTE, UT	1	0010206629	WSBK913	N
T-Mobile License LLC	D49031	PIUTE, UT	2	0010206629	WSBK914	N
T-Mobile License LLC	D49031	PIUTE, UT	3	0010206629	WSBK915	N
T-Mobile License LLC	D49033	RICH, UT	2	0010206629	WSBK916	N
T-Mobile License LLC	D49033	RICH, UT	3	0010206629	WSBK917	N
T-Mobile License LLC	D49037	SAN JUAN, UT	2	0010206629	WSBK918	N
T-Mobile License LLC	D49037	SAN JUAN, UT	3	0010206629	WSBK919	N
T-Mobile License LLC	D49039	SANPETE, UT	1	0010206629	WSBK920	N
T-Mobile License LLC	D49039	SANPETE, UT	2	0010206629	WSBK921	N
T-Mobile License LLC	D49039	SANPETE, UT	3	0010206629	WSBK922	N
T-Mobile License LLC	D49041	SEVIER, UT	2	0010206629	WSBK923	N
T-Mobile License LLC	D49043	SUMMIT, UT	1	0010206629	WSBK924	N
T-Mobile License LLC	D49043	SUMMIT, UT	2	0010206629	WSBK925	N
T-Mobile License LLC	D49043	SUMMIT, UT	3	0010206629	WSBK926	N
T-Mobile License LLC	D49045	TOOELE, UT	2	0010206629	WSBK927	N
T-Mobile License LLC	D49045	TOOELE, UT	3	0010206629	WSBK928	N
T-Mobile License LLC	D49047	UINTAH, UT	2	0010206629	WSBK929	N
T-Mobile License LLC	D49047	UINTAH, UT	3	0010206629	WSBK930	N
T-Mobile License LLC	D49049	UTAH, UT	1	0010206629	WSBK931	N
T-Mobile License LLC	D49049	UTAH, UT	2	0010206629	WSBK932	N
T-Mobile License LLC	D49049	UTAH, UT	3	0010206629	WSBK933	N
T-Mobile License LLC	D49051	WASATCH, UT	1	0010206629	WSBK934	N
T-Mobile License LLC	D49051	WASATCH, UT	2	0010206629	WSBK935	N
T-Mobile License LLC	D49051	WASATCH, UT	3	0010206629	WSBK936	N
T-Mobile License LLC	D49053	WASHINGTON, UT	3	0010206629	WSBK937	N
T-Mobile License LLC	D49055	WAYNE, UT	1	0010206629	WSBK938	N
T-Mobile License LLC	D49055	WAYNE, UT	2	0010206629	WSBK939	N
T-Mobile License LLC	D49055	WAYNE, UT	3	0010206629	WSBK940	N
T-Mobile License LLC	D49057	WEBER, UT	1	0010206629	WSBK941	N
T-Mobile License LLC	D49057	WEBER, UT	2	0010206629	WSBK942	N
T-Mobile License LLC	D49057	WEBER, UT	3	0010206629	WSBK943	N
T-Mobile License LLC	D50001	ADDISON, VT	1	0010206629	WSBK944	N
T-Mobile License LLC	D50001	ADDISON, VT	2	0010206629	WSBK945	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D50001	ADDISON, VT	3	0010206629	WSBK946	N
T-Mobile License LLC	D50003	BENNINGTON, VT	1	0010206629	WSBK947	N
T-Mobile License LLC	D50003	BENNINGTON, VT	2	0010206629	WSBK948	N
T-Mobile License LLC	D50003	BENNINGTON, VT	3	0010206629	WSBK949	N
T-Mobile License LLC	D50005	CALEDONIA, VT	1	0010206629	WSBK950	N
T-Mobile License LLC	D50005	CALEDONIA, VT	2	0010206629	WSBK951	N
T-Mobile License LLC	D50005	CALEDONIA, VT	3	0010206629	WSBK952	N
T-Mobile License LLC	D50007	CHITTENDEN, VT	1	0010206629	WSBK953	N
T-Mobile License LLC	D50007	CHITTENDEN, VT	2	0010206629	WSBK954	N
T-Mobile License LLC	D50009	ESSEX, VT	1	0010206629	WSBK955	N
T-Mobile License LLC	D50009	ESSEX, VT	2	0010206629	WSBK956	N
T-Mobile License LLC	D50009	ESSEX, VT	3	0010206629	WSBK957	N
T-Mobile License LLC	D50011	FRANKLIN, VT	1	0010206629	WSBK958	N
T-Mobile License LLC	D50011	FRANKLIN, VT	2	0010206629	WSBK959	N
T-Mobile License LLC	D50011	FRANKLIN, VT	3	0010206629	WSBK960	N
T-Mobile License LLC	D50013	GRAND ISLE, VT	1	0010206629	WSBK961	N
T-Mobile License LLC	D50013	GRAND ISLE, VT	2	0010206629	WSBK962	N
T-Mobile License LLC	D50013	GRAND ISLE, VT	3	0010206629	WSBK963	N
T-Mobile License LLC	D50017	ORANGE, VT	1	0010206629	WSBK964	N
T-Mobile License LLC	D50017	ORANGE, VT	2	0010206629	WSBK965	N
T-Mobile License LLC	D50017	ORANGE, VT	3	0010206629	WSBK966	N
T-Mobile License LLC	D50019	ORLEANS, VT	1	0010206629	WSBK967	N
T-Mobile License LLC	D50019	ORLEANS, VT	2	0010206629	WSBK968	N
T-Mobile License LLC	D50019	ORLEANS, VT	3	0010206629	WSBK969	N
T-Mobile License LLC	D50021	RUTLAND, VT	1	0010206629	WSBK970	N
T-Mobile License LLC	D50021	RUTLAND, VT	2	0010206629	WSBK971	N
T-Mobile License LLC	D50021	RUTLAND, VT	3	0010206629	WSBK972	N
T-Mobile License LLC	D50023	WASHINGTON, VT	2	0010206629	WSBK973	N
T-Mobile License LLC	D50023	WASHINGTON, VT	3	0010206629	WSBK974	N
T-Mobile License LLC	D50025	WINDHAM, VT	1	0010206629	WSBK975	N
T-Mobile License LLC	D50025	WINDHAM, VT	2	0010206629	WSBK976	N
T-Mobile License LLC	D50025	WINDHAM, VT	3	0010206629	WSBK977	N
T-Mobile License LLC	D50027	WINDSOR, VT	2	0010206629	WSBK978	N
T-Mobile License LLC	D50027	WINDSOR, VT	3	0010206629	WSBK979	N
T-Mobile License LLC	D51001	ACCOMACK, VA	1	0010206629	WSBK980	N
T-Mobile License LLC	D51001	ACCOMACK, VA	2	0010206629	WSBK981	N
T-Mobile License LLC	D51001	ACCOMACK, VA	3	0010206629	WSBK982	N
T-Mobile License LLC	D51005	ALLEGHANY, VA	1	0010206629	WSBK983	N
T-Mobile License LLC	D51005	ALLEGHANY, VA	2	0010206629	WSBK984	N
T-Mobile License LLC	D51005	ALLEGHANY, VA	3	0010206629	WSBK985	N
T-Mobile License LLC	D51007	AMELIA, VA	1	0010206629	WSBK986	N
T-Mobile License LLC	D51007	AMELIA, VA	2	0010206629	WSBK987	N
T-Mobile License LLC	D51009	AMHERST, VA	1	0010206629	WSBK988	N
T-Mobile License LLC	D51009	AMHERST, VA	2	0010206629	WSBK989	N
T-Mobile License LLC	D51011	APPOMATTOX, VA	1	0010206629	WSBK990	N
T-Mobile License LLC	D51011	APPOMATTOX, VA	2	0010206629	WSBK991	N
T-Mobile License LLC	D51011	APPOMATTOX, VA	3	0010206629	WSBK992	N
T-Mobile License LLC	D51015	AUGUSTA, VA	1	0010206629	WSBK993	N
T-Mobile License LLC	D51015	AUGUSTA, VA	2	0010206629	WSBK994	N
T-Mobile License LLC	D51015	AUGUSTA, VA	3	0010206629	WSBK995	N
T-Mobile License LLC	D51017	BATH, VA	1	0010206629	WSBK996	N
T-Mobile License LLC	D51017	BATH, VA	2	0010206629	WSBK997	N
T-Mobile License LLC	D51017	BATH, VA	3	0010206629	WSBK998	N
T-Mobile License LLC	D51019	BEDFORD, VA	1	0010206629	WSBK999	N
T-Mobile License LLC	D51019	BEDFORD, VA	2	0010206629	WSBL200	N
T-Mobile License LLC	D51019	BEDFORD, VA	3	0010206629	WSBL201	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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SORTED BY LICENSEE
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D51021	BLAND, VA	1	0010206629	WSBL202	N
T-Mobile License LLC	D51021	BLAND, VA	2	0010206629	WSBL203	N
T-Mobile License LLC	D51021	BLAND, VA	3	0010206629	WSBL204	N
T-Mobile License LLC	D51023	BOTETOURT, VA	1	0010206629	WSBL205	N
T-Mobile License LLC	D51023	BOTETOURT, VA	2	0010206629	WSBL206	N
T-Mobile License LLC	D51025	BRUNSWICK, VA	1	0010206629	WSBL207	N
T-Mobile License LLC	D51025	BRUNSWICK, VA	2	0010206629	WSBL208	N
T-Mobile License LLC	D51025	BRUNSWICK, VA	3	0010206629	WSBL209	N
T-Mobile License LLC	D51027	BUCHANAN, VA	1	0010206629	WSBL210	N
T-Mobile License LLC	D51027	BUCHANAN, VA	3	0010206629	WSBL211	N
T-Mobile License LLC	D51029	BUCKINGHAM, VA	1	0010206629	WSBL212	N
T-Mobile License LLC	D51029	BUCKINGHAM, VA	2	0010206629	WSBL213	N
T-Mobile License LLC	D51029	BUCKINGHAM, VA	3	0010206629	WSBL214	N
T-Mobile License LLC	D51031	CAMPBELL, VA	1	0010206629	WSBL215	N
T-Mobile License LLC	D51031	CAMPBELL, VA	2	0010206629	WSBL216	N
T-Mobile License LLC	D51031	CAMPBELL, VA	3	0010206629	WSBL217	N
T-Mobile License LLC	D51033	CAROLINE, VA	1	0010206629	WSBL218	N
T-Mobile License LLC	D51033	CAROLINE, VA	2	0010206629	WSBL219	N
T-Mobile License LLC	D51033	CAROLINE, VA	3	0010206629	WSBL220	N
T-Mobile License LLC	D51035	CARROLL, VA	2	0010206629	WSBL221	N
T-Mobile License LLC	D51035	CARROLL, VA	3	0010206629	WSBL222	N
T-Mobile License LLC	D51036	CHARLES CITY, VA	1	0010206629	WSBL223	N
T-Mobile License LLC	D51036	CHARLES CITY, VA	2	0010206629	WSBL224	N
T-Mobile License LLC	D51036	CHARLES CITY, VA	3	0010206629	WSBL225	N
T-Mobile License LLC	D51037	CHARLOTTE, VA	2	0010206629	WSBL226	N
T-Mobile License LLC	D51037	CHARLOTTE, VA	3	0010206629	WSBL227	N
T-Mobile License LLC	D51041	CHESTERFIELD, VA	1	0010206629	WSBL228	N
T-Mobile License LLC	D51041	CHESTERFIELD, VA	2	0010206629	WSBL229	N
T-Mobile License LLC	D51043	CLARKE, VA	2	0010206629	WSBL230	N
T-Mobile License LLC	D51043	CLARKE, VA	3	0010206629	WSBL231	N
T-Mobile License LLC	D51047	CULPEPER, VA	1	0010206629	WSBL232	N
T-Mobile License LLC	D51047	CULPEPER, VA	2	0010206629	WSBL233	N
T-Mobile License LLC	D51047	CULPEPER, VA	3	0010206629	WSBL234	N
T-Mobile License LLC	D51049	CUMBERLAND, VA	1	0010206629	WSBL235	N
T-Mobile License LLC	D51049	CUMBERLAND, VA	2	0010206629	WSBL236	N
T-Mobile License LLC	D51049	CUMBERLAND, VA	3	0010206629	WSBL237	N
T-Mobile License LLC	D51051	DICKENSON, VA	1	0010206629	WSBL238	N
T-Mobile License LLC	D51051	DICKENSON, VA	3	0010206629	WSBL239	N
T-Mobile License LLC	D51053	DINWIDDIE, VA	1	0010206629	WSBL240	N
T-Mobile License LLC	D51053	DINWIDDIE, VA	2	0010206629	WSBL241	N
T-Mobile License LLC	D51053	DINWIDDIE, VA	3	0010206629	WSBL242	N
T-Mobile License LLC	D51057	ESSEX, VA	1	0010206629	WSBL243	N
T-Mobile License LLC	D51057	ESSEX, VA	2	0010206629	WSBL244	N
T-Mobile License LLC	D51061	FAUQUIER, VA	1	0010206629	WSBL245	N
T-Mobile License LLC	D51061	FAUQUIER, VA	2	0010206629	WSBL246	N
T-Mobile License LLC	D51061	FAUQUIER, VA	3	0010206629	WSBL247	N
T-Mobile License LLC	D51063	FLOYD, VA	1	0010206629	WSBL248	N
T-Mobile License LLC	D51063	FLOYD, VA	2	0010206629	WSBL249	N
T-Mobile License LLC	D51063	FLOYD, VA	3	0010206629	WSBL250	N
T-Mobile License LLC	D51067	FRANKLIN, VA	1	0010206629	WSBL251	N
T-Mobile License LLC	D51067	FRANKLIN, VA	2	0010206629	WSBL252	N
T-Mobile License LLC	D51067	FRANKLIN, VA	3	0010206629	WSBL253	N
T-Mobile License LLC	D51069	FREDERICK, VA	1	0010206629	WSBL254	N
T-Mobile License LLC	D51069	FREDERICK, VA	2	0010206629	WSBL255	N
T-Mobile License LLC	D51069	FREDERICK, VA	3	0010206629	WSBL256	N
T-Mobile License LLC	D51071	GILES, VA	1	0010206629	WSBL257	N

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T-Mobile License LLC	D51071	GILES, VA	2	0010206629	WSBL258	N
T-Mobile License LLC	D51071	GILES, VA	3	0010206629	WSBL259	N
T-Mobile License LLC	D51073	GLOUCESTER, VA	1	0010206629	WSBL260	N
T-Mobile License LLC	D51073	GLOUCESTER, VA	2	0010206629	WSBL261	N
T-Mobile License LLC	D51073	GLOUCESTER, VA	3	0010206629	WSBL262	N
T-Mobile License LLC	D51075	GOOCHLAND, VA	1	0010206629	WSBL263	N
T-Mobile License LLC	D51075	GOOCHLAND, VA	2	0010206629	WSBL264	N
T-Mobile License LLC	D51077	GRAYSON, VA	2	0010206629	WSBL265	N
T-Mobile License LLC	D51077	GRAYSON, VA	3	0010206629	WSBL266	N
T-Mobile License LLC	D51081	GREENSVILLE, VA	2	0010206629	WSBL267	N
T-Mobile License LLC	D51081	GREENSVILLE, VA	3	0010206629	WSBL268	N
T-Mobile License LLC	D51083	HALIFAX, VA	1	0010206629	WSBL269	N
T-Mobile License LLC	D51083	HALIFAX, VA	2	0010206629	WSBL270	N
T-Mobile License LLC	D51083	HALIFAX, VA	3	0010206629	WSBL271	N
T-Mobile License LLC	D51085	HANOVER, VA	1	0010206629	WSBL272	N
T-Mobile License LLC	D51085	HANOVER, VA	2	0010206629	WSBL273	N
T-Mobile License LLC	D51087	HENRICO, VA	1	0010206629	WSBL274	N
T-Mobile License LLC	D51087	HENRICO, VA	2	0010206629	WSBL275	N
T-Mobile License LLC	D51089	HENRY, VA	1	0010206629	WSBL276	N
T-Mobile License LLC	D51089	HENRY, VA	2	0010206629	WSBL277	N
T-Mobile License LLC	D51089	HENRY, VA	3	0010206629	WSBL278	N
T-Mobile License LLC	D51091	HIGHLAND, VA	1	0010206629	WSBL279	N
T-Mobile License LLC	D51091	HIGHLAND, VA	2	0010206629	WSBL280	N
T-Mobile License LLC	D51091	HIGHLAND, VA	3	0010206629	WSBL281	N
T-Mobile License LLC	D51093	ISLE OF WIGHT, VA	1	0010206629	WSBL282	N
T-Mobile License LLC	D51093	ISLE OF WIGHT, VA	2	0010206629	WSBL283	N
T-Mobile License LLC	D51095	JAMES CITY, VA	1	0010206629	WSBL284	N
T-Mobile License LLC	D51095	JAMES CITY, VA	2	0010206629	WSBL285	N
T-Mobile License LLC	D51095	JAMES CITY, VA	3	0010206629	WSBL286	N
T-Mobile License LLC	D51097	KING AND QUEEN, VA	1	0010206629	WSBL287	N
T-Mobile License LLC	D51097	KING AND QUEEN, VA	2	0010206629	WSBL288	N
T-Mobile License LLC	D51099	KING GEORGE, VA	1	0010206629	WSBL289	N
T-Mobile License LLC	D51099	KING GEORGE, VA	2	0010206629	WSBL290	N
T-Mobile License LLC	D51099	KING GEORGE, VA	3	0010206629	WSBL291	N
T-Mobile License LLC	D51101	KING WILLIAM, VA	1	0010206629	WSBL292	N
T-Mobile License LLC	D51101	KING WILLIAM, VA	2	0010206629	WSBL293	N
T-Mobile License LLC	D51103	LANCASTER, VA	1	0010206629	WSBL294	N
T-Mobile License LLC	D51103	LANCASTER, VA	2	0010206629	WSBL295	N
T-Mobile License LLC	D51103	LANCASTER, VA	3	0010206629	WSBL296	N
T-Mobile License LLC	D51105	LEE, VA	1	0010206629	WSBL297	N
T-Mobile License LLC	D51105	LEE, VA	2	0010206629	WSBL298	N
T-Mobile License LLC	D51105	LEE, VA	3	0010206629	WSBL299	N
T-Mobile License LLC	D51107	LOUDOUN, VA	1	0010206629	WSBL300	N
T-Mobile License LLC	D51107	LOUDOUN, VA	2	0010206629	WSBL301	N
T-Mobile License LLC	D51107	LOUDOUN, VA	3	0010206629	WSBL302	N
T-Mobile License LLC	D51109	LOUISA, VA	1	0010206629	WSBL303	N
T-Mobile License LLC	D51109	LOUISA, VA	2	0010206629	WSBL304	N
T-Mobile License LLC	D51109	LOUISA, VA	3	0010206629	WSBL305	N
T-Mobile License LLC	D51111	LUNENBURG, VA	1	0010206629	WSBL306	N
T-Mobile License LLC	D51111	LUNENBURG, VA	2	0010206629	WSBL307	N
T-Mobile License LLC	D51111	LUNENBURG, VA	3	0010206629	WSBL308	N
T-Mobile License LLC	D51113	MADISON, VA	1	0010206629	WSBL309	N
T-Mobile License LLC	D51113	MADISON, VA	2	0010206629	WSBL310	N
T-Mobile License LLC	D51113	MADISON, VA	3	0010206629	WSBL311	N
T-Mobile License LLC	D51115	MATHEWS, VA	1	0010206629	WSBL312	N
T-Mobile License LLC	D51115	MATHEWS, VA	2	0010206629	WSBL313	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D51117	MECKLENBURG, VA	1	0010206629	WSBL314	N
T-Mobile License LLC	D51117	MECKLENBURG, VA	2	0010206629	WSBL315	N
T-Mobile License LLC	D51117	MECKLENBURG, VA	3	0010206629	WSBL316	N
T-Mobile License LLC	D51119	MIDDLESEX, VA	1	0010206629	WSBL317	N
T-Mobile License LLC	D51119	MIDDLESEX, VA	2	0010206629	WSBL318	N
T-Mobile License LLC	D51119	MIDDLESEX, VA	3	0010206629	WSBL319	N
T-Mobile License LLC	D51121	MONTGOMERY, VA	1	0010206629	WSBL320	N
T-Mobile License LLC	D51121	MONTGOMERY, VA	2	0010206629	WSBL321	N
T-Mobile License LLC	D51121	MONTGOMERY, VA	3	0010206629	WSBL322	N
T-Mobile License LLC	D51125	NELSON, VA	1	0010206629	WSBL323	N
T-Mobile License LLC	D51125	NELSON, VA	2	0010206629	WSBL324	N
T-Mobile License LLC	D51127	NEW KENT, VA	1	0010206629	WSBL325	N
T-Mobile License LLC	D51127	NEW KENT, VA	2	0010206629	WSBL326	N
T-Mobile License LLC	D51131	NORTHAMPTON, VA	1	0010206629	WSBL327	N
T-Mobile License LLC	D51131	NORTHAMPTON, VA	2	0010206629	WSBL328	N
T-Mobile License LLC	D51133	NORTHUMBERLAND, VA	1	0010206629	WSBL329	N
T-Mobile License LLC	D51133	NORTHUMBERLAND, VA	2	0010206629	WSBL330	N
T-Mobile License LLC	D51133	NORTHUMBERLAND, VA	3	0010206629	WSBL331	N
T-Mobile License LLC	D51135	NOTTOWAY, VA	1	0010206629	WSBL332	N
T-Mobile License LLC	D51135	NOTTOWAY, VA	2	0010206629	WSBL333	N
T-Mobile License LLC	D51135	NOTTOWAY, VA	3	0010206629	WSBL334	N
T-Mobile License LLC	D51137	ORANGE, VA	1	0010206629	WSBL335	N
T-Mobile License LLC	D51137	ORANGE, VA	2	0010206629	WSBL336	N
T-Mobile License LLC	D51137	ORANGE, VA	3	0010206629	WSBL337	N
T-Mobile License LLC	D51139	PAGE, VA	1	0010206629	WSBL338	N
T-Mobile License LLC	D51139	PAGE, VA	2	0010206629	WSBL339	N
T-Mobile License LLC	D51139	PAGE, VA	3	0010206629	WSBL340	N
T-Mobile License LLC	D51141	PATRICK, VA	1	0010206629	WSBL341	N
T-Mobile License LLC	D51141	PATRICK, VA	2	0010206629	WSBL342	N
T-Mobile License LLC	D51141	PATRICK, VA	3	0010206629	WSBL343	N
T-Mobile License LLC	D51143	PITTSYLVANIA, VA	1	0010206629	WSBL344	N
T-Mobile License LLC	D51143	PITTSYLVANIA, VA	2	0010206629	WSBL345	N
T-Mobile License LLC	D51143	PITTSYLVANIA, VA	3	0010206629	WSBL346	N
T-Mobile License LLC	D51145	POWHATAN, VA	1	0010206629	WSBL347	N
T-Mobile License LLC	D51145	POWHATAN, VA	2	0010206629	WSBL348	N
T-Mobile License LLC	D51147	PRINCE EDWARD, VA	2	0010206629	WSBL349	N
T-Mobile License LLC	D51147	PRINCE EDWARD, VA	3	0010206629	WSBL350	N
T-Mobile License LLC	D51149	PRINCE GEORGE, VA	1	0010206629	WSBL351	N
T-Mobile License LLC	D51149	PRINCE GEORGE, VA	2	0010206629	WSBL352	N
T-Mobile License LLC	D51149	PRINCE GEORGE, VA	3	0010206629	WSBL353	N
T-Mobile License LLC	D51153	PRINCE WILLIAM, VA	1	0010206629	WSBL354	N
T-Mobile License LLC	D51153	PRINCE WILLIAM, VA	2	0010206629	WSBL355	N
T-Mobile License LLC	D51153	PRINCE WILLIAM, VA	3	0010206629	WSBL356	N
T-Mobile License LLC	D51155	PULASKI, VA	1	0010206629	WSBL357	N
T-Mobile License LLC	D51155	PULASKI, VA	2	0010206629	WSBL358	N
T-Mobile License LLC	D51155	PULASKI, VA	3	0010206629	WSBL359	N
T-Mobile License LLC	D51157	RAPPAHANNOCK, VA	1	0010206629	WSBL360	N
T-Mobile License LLC	D51157	RAPPAHANNOCK, VA	2	0010206629	WSBL361	N
T-Mobile License LLC	D51157	RAPPAHANNOCK, VA	3	0010206629	WSBL362	N
T-Mobile License LLC	D51159	RICHMOND, VA	1	0010206629	WSBL363	N
T-Mobile License LLC	D51159	RICHMOND, VA	2	0010206629	WSBL364	N
T-Mobile License LLC	D51163	ROCKBRIDGE, VA	1	0010206629	WSBL365	N
T-Mobile License LLC	D51163	ROCKBRIDGE, VA	2	0010206629	WSBL366	N
T-Mobile License LLC	D51163	ROCKBRIDGE, VA	3	0010206629	WSBL367	N
T-Mobile License LLC	D51167	RUSSELL, VA	1	0010206629	WSBL368	N
T-Mobile License LLC	D51167	RUSSELL, VA	2	0010206629	WSBL369	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D51167	RUSSELL, VA	3	0010206629	WSBL370	N
T-Mobile License LLC	D51169	SCOTT, VA	1	0010206629	WSBL371	N
T-Mobile License LLC	D51169	SCOTT, VA	2	0010206629	WSBL372	N
T-Mobile License LLC	D51169	SCOTT, VA	3	0010206629	WSBL373	N
T-Mobile License LLC	D51171	SHENANDOAH, VA	1	0010206629	WSBL374	N
T-Mobile License LLC	D51171	SHENANDOAH, VA	2	0010206629	WSBL375	N
T-Mobile License LLC	D51171	SHENANDOAH, VA	3	0010206629	WSBL376	N
T-Mobile License LLC	D51173	SMYTH, VA	2	0010206629	WSBL377	N
T-Mobile License LLC	D51173	SMYTH, VA	3	0010206629	WSBL378	N
T-Mobile License LLC	D51175	SOUTHAMPTON, VA	1	0010206629	WSBL379	N
T-Mobile License LLC	D51175	SOUTHAMPTON, VA	2	0010206629	WSBL380	N
T-Mobile License LLC	D51175	SOUTHAMPTON, VA	3	0010206629	WSBL381	N
T-Mobile License LLC	D51177	SPOTSYLVANIA, VA	2	0010206629	WSBL382	N
T-Mobile License LLC	D51177	SPOTSYLVANIA, VA	3	0010206629	WSBL383	N
T-Mobile License LLC	D51179	STAFFORD, VA	1	0010206629	WSBL384	N
T-Mobile License LLC	D51179	STAFFORD, VA	2	0010206629	WSBL385	N
T-Mobile License LLC	D51179	STAFFORD, VA	3	0010206629	WSBL386	N
T-Mobile License LLC	D51181	SURRY, VA	1	0010206629	WSBL387	N
T-Mobile License LLC	D51181	SURRY, VA	2	0010206629	WSBL388	N
T-Mobile License LLC	D51181	SURRY, VA	3	0010206629	WSBL389	N
T-Mobile License LLC	D51183	SUSSEX, VA	1	0010206629	WSBL390	N
T-Mobile License LLC	D51183	SUSSEX, VA	2	0010206629	WSBL391	N
T-Mobile License LLC	D51183	SUSSEX, VA	3	0010206629	WSBL392	N
T-Mobile License LLC	D51185	TAZEWELL, VA	1	0010206629	WSBL393	N
T-Mobile License LLC	D51185	TAZEWELL, VA	2	0010206629	WSBL394	N
T-Mobile License LLC	D51185	TAZEWELL, VA	3	0010206629	WSBL395	N
T-Mobile License LLC	D51187	WARREN, VA	1	0010206629	WSBL396	N
T-Mobile License LLC	D51187	WARREN, VA	2	0010206629	WSBL397	N
T-Mobile License LLC	D51187	WARREN, VA	3	0010206629	WSBL398	N
T-Mobile License LLC	D51191	WASHINGTON, VA	1	0010206629	WSBL399	N
T-Mobile License LLC	D51191	WASHINGTON, VA	2	0010206629	WSBL400	N
T-Mobile License LLC	D51191	WASHINGTON, VA	3	0010206629	WSBL401	N
T-Mobile License LLC	D51193	WESTMORELAND, VA	1	0010206629	WSBL402	N
T-Mobile License LLC	D51193	WESTMORELAND, VA	2	0010206629	WSBL403	N
T-Mobile License LLC	D51193	WESTMORELAND, VA	3	0010206629	WSBL404	N
T-Mobile License LLC	D51195	WISE, VA	2	0010206629	WSBL405	N
T-Mobile License LLC	D51195	WISE, VA	3	0010206629	WSBL406	N
T-Mobile License LLC	D51197	WYTHE, VA	1	0010206629	WSBL407	N
T-Mobile License LLC	D51197	WYTHE, VA	2	0010206629	WSBL408	N
T-Mobile License LLC	D51197	WYTHE, VA	3	0010206629	WSBL409	N
T-Mobile License LLC	D51199	YORK, VA	1	0010206629	WSBL410	N
T-Mobile License LLC	D51199	YORK, VA	2	0010206629	WSBL411	N
T-Mobile License LLC	D51199	YORK, VA	3	0010206629	WSBL412	N
T-Mobile License LLC	D51520	BRISTOL CITY, VA	1	0010206629	WSBL413	N
T-Mobile License LLC	D51520	BRISTOL CITY, VA	2	0010206629	WSBL414	N
T-Mobile License LLC	D51520	BRISTOL CITY, VA	3	0010206629	WSBL415	N
T-Mobile License LLC	D51530	BUENA VISTA CITY, VA	1	0010206629	WSBL416	N
T-Mobile License LLC	D51530	BUENA VISTA CITY, VA	2	0010206629	WSBL417	N
T-Mobile License LLC	D51570	COLONIAL HEIGHTS CITY, VA	1	0010206629	WSBL418	N
T-Mobile License LLC	D51570	COLONIAL HEIGHTS CITY, VA	2	0010206629	WSBL419	N
T-Mobile License LLC	D51580	COVINGTON CITY, VA	1	0010206629	WSBL420	N
T-Mobile License LLC	D51580	COVINGTON CITY, VA	2	0010206629	WSBL421	N
T-Mobile License LLC	D51590	DANVILLE CITY, VA	1	0010206629	WSBL422	N
T-Mobile License LLC	D51590	DANVILLE CITY, VA	2	0010206629	WSBL423	N
T-Mobile License LLC	D51590	DANVILLE CITY, VA	3	0010206629	WSBL424	N
T-Mobile License LLC	D51595	EMPORIA CITY, VA	2	0010206629	WSBL425	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D51595	EMPORIA CITY, VA	3	0010206629	WSBL426	N
T-Mobile License LLC	D51620	FRANKLIN CITY, VA	1	0010206629	WSBL427	N
T-Mobile License LLC	D51620	FRANKLIN CITY, VA	2	0010206629	WSBL428	N
T-Mobile License LLC	D51630	FREDERICKSBURG CITY, VA	2	0010206629	WSBL429	N
T-Mobile License LLC	D51630	FREDERICKSBURG CITY, VA	3	0010206629	WSBL430	N
T-Mobile License LLC	D51640	GALAX CITY, VA	2	0010206629	WSBL431	N
T-Mobile License LLC	D51640	GALAX CITY, VA	3	0010206629	WSBL432	N
T-Mobile License LLC	D51670	HOPEWELL CITY, VA	1	0010206629	WSBL433	N
T-Mobile License LLC	D51670	HOPEWELL CITY, VA	2	0010206629	WSBL434	N
T-Mobile License LLC	D51678	LEXINGTON CITY, VA	1	0010206629	WSBL435	N
T-Mobile License LLC	D51678	LEXINGTON CITY, VA	2	0010206629	WSBL436	N
T-Mobile License LLC	D51680	LYNCHBURG CITY, VA	1	0010206629	WSBL437	N
T-Mobile License LLC	D51680	LYNCHBURG CITY, VA	2	0010206629	WSBL438	N
T-Mobile License LLC	D51690	MARTINSVILLE CITY, VA	1	0010206629	WSBL439	N
T-Mobile License LLC	D51690	MARTINSVILLE CITY, VA	2	0010206629	WSBL440	N
T-Mobile License LLC	D51690	MARTINSVILLE CITY, VA	3	0010206629	WSBL441	N
T-Mobile License LLC	D51720	NORTON CITY, VA	1	0010206629	WSBL442	N
T-Mobile License LLC	D51720	NORTON CITY, VA	2	0010206629	WSBL443	N
T-Mobile License LLC	D51720	NORTON CITY, VA	3	0010206629	WSBL444	N
T-Mobile License LLC	D51730	PETERSBURG CITY, VA	1	0010206629	WSBL445	N
T-Mobile License LLC	D51730	PETERSBURG CITY, VA	2	0010206629	WSBL446	N
T-Mobile License LLC	D51750	RADFORD CITY, VA	1	0010206629	WSBL447	N
T-Mobile License LLC	D51750	RADFORD CITY, VA	2	0010206629	WSBL448	N
T-Mobile License LLC	D51750	RADFORD CITY, VA	3	0010206629	WSBL449	N
T-Mobile License LLC	D51760	RICHMOND CITY, VA	1	0010206629	WSBL450	N
T-Mobile License LLC	D51760	RICHMOND CITY, VA	2	0010206629	WSBL451	N
T-Mobile License LLC	D51800	SUFFOLK CITY, VA	1	0010206629	WSBL452	N
T-Mobile License LLC	D51800	SUFFOLK CITY, VA	2	0010206629	WSBL453	N
T-Mobile License LLC	D51810	VIRGINIA BEACH CITY, VA	1	0010206629	WSBL454	N
T-Mobile License LLC	D51810	VIRGINIA BEACH CITY, VA	2	0010206629	WSBL455	N
T-Mobile License LLC	D51810	VIRGINIA BEACH CITY, VA	3	0010206629	WSBL456	N
T-Mobile License LLC	D51830	WILLIAMSBURG CITY, VA	1	0010206629	WSBL457	N
T-Mobile License LLC	D51830	WILLIAMSBURG CITY, VA	2	0010206629	WSBL458	N
T-Mobile License LLC	D51830	WILLIAMSBURG CITY, VA	3	0010206629	WSBL459	N
T-Mobile License LLC	D51840	WINCHESTER CITY, VA	2	0010206629	WSBL460	N
T-Mobile License LLC	D51840	WINCHESTER CITY, VA	3	0010206629	WSBL461	N
T-Mobile License LLC	D53001	ADAMS, WA	1	0010206629	WSBL462	N
T-Mobile License LLC	D53001	ADAMS, WA	2	0010206629	WSBL463	N
T-Mobile License LLC	D53001	ADAMS, WA	3	0010206629	WSBL464	N
T-Mobile License LLC	D53003	ASOTIN, WA	1	0010206629	WSBL465	N
T-Mobile License LLC	D53003	ASOTIN, WA	2	0010206629	WSBL466	N
T-Mobile License LLC	D53003	ASOTIN, WA	3	0010206629	WSBL467	N
T-Mobile License LLC	D53005	BENTON, WA	2	0010206629	WSBL468	N
T-Mobile License LLC	D53005	BENTON, WA	3	0010206629	WSBL469	N
T-Mobile License LLC	D53007	CHELAN, WA	2	0010206629	WSBL470	N
T-Mobile License LLC	D53007	CHELAN, WA	3	0010206629	WSBL471	N
T-Mobile License LLC	D53009	CLALLAM, WA	2	0010206629	WSBL472	N
T-Mobile License LLC	D53009	CLALLAM, WA	3	0010206629	WSBL473	N
T-Mobile License LLC	D53011	CLARK, WA	1	0010206629	WSBL474	N
T-Mobile License LLC	D53011	CLARK, WA	2	0010206629	WSBL475	N
T-Mobile License LLC	D53011	CLARK, WA	3	0010206629	WSBL476	N
T-Mobile License LLC	D53013	COLUMBIA, WA	1	0010206629	WSBL477	N
T-Mobile License LLC	D53013	COLUMBIA, WA	2	0010206629	WSBL478	N
T-Mobile License LLC	D53013	COLUMBIA, WA	3	0010206629	WSBL479	N
T-Mobile License LLC	D53015	COWLITZ, WA	2	0010206629	WSBL480	N
T-Mobile License LLC	D53015	COWLITZ, WA	3	0010206629	WSBL481	N

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T-Mobile License LLC	D53017	DOUGLAS, WA	1	0010206629	WSBL482	N
T-Mobile License LLC	D53017	DOUGLAS, WA	2	0010206629	WSBL483	N
T-Mobile License LLC	D53017	DOUGLAS, WA	3	0010206629	WSBL484	N
T-Mobile License LLC	D53019	FERRY, WA	2	0010206629	WSBL485	N
T-Mobile License LLC	D53019	FERRY, WA	3	0010206629	WSBL486	N
T-Mobile License LLC	D53021	FRANKLIN, WA	2	0010206629	WSBL487	N
T-Mobile License LLC	D53021	FRANKLIN, WA	3	0010206629	WSBL488	N
T-Mobile License LLC	D53023	GARFIELD, WA	1	0010206629	WSBL489	N
T-Mobile License LLC	D53023	GARFIELD, WA	2	0010206629	WSBL490	N
T-Mobile License LLC	D53023	GARFIELD, WA	3	0010206629	WSBL491	N
T-Mobile License LLC	D53025	GRANT, WA	2	0010206629	WSBL492	N
T-Mobile License LLC	D53025	GRANT, WA	3	0010206629	WSBL493	N
T-Mobile License LLC	D53027	GRAYS HARBOR, WA	2	0010206629	WSBL494	N
T-Mobile License LLC	D53027	GRAYS HARBOR, WA	3	0010206629	WSBL495	N
T-Mobile License LLC	D53029	ISLAND, WA	1	0010206629	WSBL496	N
T-Mobile License LLC	D53029	ISLAND, WA	2	0010206629	WSBL497	N
T-Mobile License LLC	D53029	ISLAND, WA	3	0010206629	WSBL498	N
T-Mobile License LLC	D53031	JEFFERSON, WA	1	0010206629	WSBL499	N
T-Mobile License LLC	D53031	JEFFERSON, WA	2	0010206629	WSBL500	N
T-Mobile License LLC	D53031	JEFFERSON, WA	3	0010206629	WSBL501	N
T-Mobile License LLC	D53033	KING, WA	2	0010206629	WSBL502	N
T-Mobile License LLC	D53033	KING, WA	3	0010206629	WSBL503	N
T-Mobile License LLC	D53037	KITTITAS, WA	2	0010206629	WSBL504	N
T-Mobile License LLC	D53037	KITTITAS, WA	3	0010206629	WSBL505	N
T-Mobile License LLC	D53039	KLICKITAT, WA	2	0010206629	WSBL506	N
T-Mobile License LLC	D53039	KLICKITAT, WA	3	0010206629	WSBL507	N
T-Mobile License LLC	D53041	LEWIS, WA	1	0010206629	WSBL508	N
T-Mobile License LLC	D53041	LEWIS, WA	2	0010206629	WSBL509	N
T-Mobile License LLC	D53041	LEWIS, WA	3	0010206629	WSBL510	N
T-Mobile License LLC	D53043	LINCOLN, WA	1	0010206629	WSBL511	N
T-Mobile License LLC	D53043	LINCOLN, WA	2	0010206629	WSBL512	N
T-Mobile License LLC	D53043	LINCOLN, WA	3	0010206629	WSBL513	N
T-Mobile License LLC	D53045	MASON, WA	1	0010206629	WSBL514	N
T-Mobile License LLC	D53045	MASON, WA	2	0010206629	WSBL515	N
T-Mobile License LLC	D53045	MASON, WA	3	0010206629	WSBL516	N
T-Mobile License LLC	D53047	OKANOGAN, WA	1	0010206629	WSBL517	N
T-Mobile License LLC	D53047	OKANOGAN, WA	2	0010206629	WSBL518	N
T-Mobile License LLC	D53047	OKANOGAN, WA	3	0010206629	WSBL519	N
T-Mobile License LLC	D53049	PACIFIC, WA	3	0010206629	WSBL520	N
T-Mobile License LLC	D53051	PEND OREILLE, WA	1	0010206629	WSBL521	N
T-Mobile License LLC	D53051	PEND OREILLE, WA	2	0010206629	WSBL522	N
T-Mobile License LLC	D53051	PEND OREILLE, WA	3	0010206629	WSBL523	N
T-Mobile License LLC	D53053	PIERCE, WA	1	0010206629	WSBL524	N
T-Mobile License LLC	D53053	PIERCE, WA	2	0010206629	WSBL525	N
T-Mobile License LLC	D53053	PIERCE, WA	3	0010206629	WSBL526	N
T-Mobile License LLC	D53057	SKAGIT, WA	1	0010206629	WSBL527	N
T-Mobile License LLC	D53057	SKAGIT, WA	2	0010206629	WSBL528	N
T-Mobile License LLC	D53057	SKAGIT, WA	3	0010206629	WSBL529	N
T-Mobile License LLC	D53059	SKAMANIA, WA	1	0010206629	WSBL530	N
T-Mobile License LLC	D53059	SKAMANIA, WA	2	0010206629	WSBL531	N
T-Mobile License LLC	D53059	SKAMANIA, WA	3	0010206629	WSBL532	N
T-Mobile License LLC	D53061	SNOHOMISH, WA	1	0010206629	WSBL533	N
T-Mobile License LLC	D53061	SNOHOMISH, WA	2	0010206629	WSBL534	N
T-Mobile License LLC	D53061	SNOHOMISH, WA	3	0010206629	WSBL535	N
T-Mobile License LLC	D53065	STEVENS, WA	1	0010206629	WSBL536	N
T-Mobile License LLC	D53065	STEVENS, WA	2	0010206629	WSBL537	N

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T-Mobile License LLC	D53065	STEVENS, WA	3	0010206629	WSBL538	N
T-Mobile License LLC	D53067	THURSTON, WA	1	0010206629	WSBL539	N
T-Mobile License LLC	D53067	THURSTON, WA	2	0010206629	WSBL540	N
T-Mobile License LLC	D53067	THURSTON, WA	3	0010206629	WSBL541	N
T-Mobile License LLC	D53069	WAHKIAKUM, WA	2	0010206629	WSBL542	N
T-Mobile License LLC	D53069	WAHKIAKUM, WA	3	0010206629	WSBL543	N
T-Mobile License LLC	D53071	WALLA WALLA, WA	2	0010206629	WSBL544	N
T-Mobile License LLC	D53071	WALLA WALLA, WA	3	0010206629	WSBL545	N
T-Mobile License LLC	D53073	WHATCOM, WA	1	0010206629	WSBL546	N
T-Mobile License LLC	D53073	WHATCOM, WA	2	0010206629	WSBL547	N
T-Mobile License LLC	D53073	WHATCOM, WA	3	0010206629	WSBL548	N
T-Mobile License LLC	D53075	WHITMAN, WA	1	0010206629	WSBL549	N
T-Mobile License LLC	D53075	WHITMAN, WA	2	0010206629	WSBL550	N
T-Mobile License LLC	D53075	WHITMAN, WA	3	0010206629	WSBL551	N
T-Mobile License LLC	D53077	YAKIMA, WA	1	0010206629	WSBL552	N
T-Mobile License LLC	D54001	BARBOUR, WV	1	0010206629	WSBL553	N
T-Mobile License LLC	D54001	BARBOUR, WV	2	0010206629	WSBL554	N
T-Mobile License LLC	D54001	BARBOUR, WV	3	0010206629	WSBL555	N
T-Mobile License LLC	D54003	BERKELEY, WV	1	0010206629	WSBL556	N
T-Mobile License LLC	D54003	BERKELEY, WV	2	0010206629	WSBL557	N
T-Mobile License LLC	D54003	BERKELEY, WV	3	0010206629	WSBL558	N
T-Mobile License LLC	D54005	BOONE, WV	1	0010206629	WSBL559	N
T-Mobile License LLC	D54005	BOONE, WV	2	0010206629	WSBL560	N
T-Mobile License LLC	D54005	BOONE, WV	3	0010206629	WSBL561	N
T-Mobile License LLC	D54007	BRAXTON, WV	2	0010206629	WSBL562	N
T-Mobile License LLC	D54007	BRAXTON, WV	3	0010206629	WSBL563	N
T-Mobile License LLC	D54009	BROOKE, WV	1	0010206629	WSBL564	N
T-Mobile License LLC	D54009	BROOKE, WV	2	0010206629	WSBL565	N
T-Mobile License LLC	D54009	BROOKE, WV	3	0010206629	WSBL566	N
T-Mobile License LLC	D54011	CABELL, WV	1	0010206629	WSBL567	N
T-Mobile License LLC	D54011	CABELL, WV	2	0010206629	WSBL568	N
T-Mobile License LLC	D54011	CABELL, WV	3	0010206629	WSBL569	N
T-Mobile License LLC	D54013	CALHOUN, WV	1	0010206629	WSBL570	N
T-Mobile License LLC	D54013	CALHOUN, WV	2	0010206629	WSBL571	N
T-Mobile License LLC	D54013	CALHOUN, WV	3	0010206629	WSBL572	N
T-Mobile License LLC	D54015	CLAY, WV	2	0010206629	WSBL573	N
T-Mobile License LLC	D54015	CLAY, WV	3	0010206629	WSBL574	N
T-Mobile License LLC	D54017	DODDRIDGE, WV	1	0010206629	WSBL575	N
T-Mobile License LLC	D54017	DODDRIDGE, WV	2	0010206629	WSBL576	N
T-Mobile License LLC	D54017	DODDRIDGE, WV	3	0010206629	WSBL577	N
T-Mobile License LLC	D54019	FAYETTE, WV	2	0010206629	WSBL578	N
T-Mobile License LLC	D54019	FAYETTE, WV	3	0010206629	WSBL579	N
T-Mobile License LLC	D54021	GILMER, WV	1	0010206629	WSBL580	N
T-Mobile License LLC	D54021	GILMER, WV	2	0010206629	WSBL581	N
T-Mobile License LLC	D54021	GILMER, WV	3	0010206629	WSBL582	N
T-Mobile License LLC	D54023	GRANT, WV	1	0010206629	WSBL583	N
T-Mobile License LLC	D54023	GRANT, WV	2	0010206629	WSBL584	N
T-Mobile License LLC	D54023	GRANT, WV	3	0010206629	WSBL585	N
T-Mobile License LLC	D54025	GREENBRIER, WV	1	0010206629	WSBL586	N
T-Mobile License LLC	D54025	GREENBRIER, WV	2	0010206629	WSBL587	N
T-Mobile License LLC	D54025	GREENBRIER, WV	3	0010206629	WSBL588	N
T-Mobile License LLC	D54027	HAMPSHIRE, WV	1	0010206629	WSBL589	N
T-Mobile License LLC	D54027	HAMPSHIRE, WV	2	0010206629	WSBL590	N
T-Mobile License LLC	D54027	HAMPSHIRE, WV	3	0010206629	WSBL591	N
T-Mobile License LLC	D54029	HANCOCK, WV	1	0010206629	WSBL592	N
T-Mobile License LLC	D54029	HANCOCK, WV	2	0010206629	WSBL593	N

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T-Mobile License LLC	D54029	HANCOCK, WV	3	0010206629	WSBL594	N
T-Mobile License LLC	D54031	HARDY, WV	1	0010206629	WSBL595	N
T-Mobile License LLC	D54031	HARDY, WV	2	0010206629	WSBL596	N
T-Mobile License LLC	D54031	HARDY, WV	3	0010206629	WSBL597	N
T-Mobile License LLC	D54033	HARRISON, WV	1	0010206629	WSBL598	N
T-Mobile License LLC	D54033	HARRISON, WV	2	0010206629	WSBL599	N
T-Mobile License LLC	D54033	HARRISON, WV	3	0010206629	WSBL600	N
T-Mobile License LLC	D54035	JACKSON, WV	1	0010206629	WSBL601	N
T-Mobile License LLC	D54035	JACKSON, WV	2	0010206629	WSBL602	N
T-Mobile License LLC	D54035	JACKSON, WV	3	0010206629	WSBL603	N
T-Mobile License LLC	D54037	JEFFERSON, WV	1	0010206629	WSBL604	N
T-Mobile License LLC	D54037	JEFFERSON, WV	2	0010206629	WSBL605	N
T-Mobile License LLC	D54037	JEFFERSON, WV	3	0010206629	WSBL606	N
T-Mobile License LLC	D54039	KANAWHA, WV	1	0010206629	WSBL607	N
T-Mobile License LLC	D54039	KANAWHA, WV	2	0010206629	WSBL608	N
T-Mobile License LLC	D54039	KANAWHA, WV	3	0010206629	WSBL609	N
T-Mobile License LLC	D54041	LEWIS, WV	1	0010206629	WSBL610	N
T-Mobile License LLC	D54041	LEWIS, WV	2	0010206629	WSBL611	N
T-Mobile License LLC	D54041	LEWIS, WV	3	0010206629	WSBL612	N
T-Mobile License LLC	D54043	LINCOLN, WV	1	0010206629	WSBL613	N
T-Mobile License LLC	D54043	LINCOLN, WV	2	0010206629	WSBL614	N
T-Mobile License LLC	D54043	LINCOLN, WV	3	0010206629	WSBL615	N
T-Mobile License LLC	D54045	LOGAN, WV	1	0010206629	WSBL616	N
T-Mobile License LLC	D54045	LOGAN, WV	2	0010206629	WSBL617	N
T-Mobile License LLC	D54045	LOGAN, WV	3	0010206629	WSBL618	N
T-Mobile License LLC	D54047	MCDOWELL, WV	1	0010206629	WSBL619	N
T-Mobile License LLC	D54047	MCDOWELL, WV	2	0010206629	WSBL620	N
T-Mobile License LLC	D54047	MCDOWELL, WV	3	0010206629	WSBL621	N
T-Mobile License LLC	D54049	MARION, WV	1	0010206629	WSBL622	N
T-Mobile License LLC	D54049	MARION, WV	2	0010206629	WSBL623	N
T-Mobile License LLC	D54049	MARION, WV	3	0010206629	WSBL624	N
T-Mobile License LLC	D54051	MARSHALL, WV	1	0010206629	WSBL625	N
T-Mobile License LLC	D54051	MARSHALL, WV	2	0010206629	WSBL626	N
T-Mobile License LLC	D54051	MARSHALL, WV	3	0010206629	WSBL627	N
T-Mobile License LLC	D54053	MASON, WV	1	0010206629	WSBL628	N
T-Mobile License LLC	D54053	MASON, WV	2	0010206629	WSBL629	N
T-Mobile License LLC	D54053	MASON, WV	3	0010206629	WSBL630	N
T-Mobile License LLC	D54055	MERCER, WV	2	0010206629	WSBL631	N
T-Mobile License LLC	D54055	MERCER, WV	3	0010206629	WSBL632	N
T-Mobile License LLC	D54057	MINERAL, WV	2	0010206629	WSBL633	N
T-Mobile License LLC	D54057	MINERAL, WV	3	0010206629	WSBL634	N
T-Mobile License LLC	D54059	MINGO, WV	1	0010206629	WSBL635	N
T-Mobile License LLC	D54059	MINGO, WV	2	0010206629	WSBL636	N
T-Mobile License LLC	D54059	MINGO, WV	3	0010206629	WSBL637	N
T-Mobile License LLC	D54061	MONONGALIA, WV	1	0010206629	WSBL638	N
T-Mobile License LLC	D54061	MONONGALIA, WV	2	0010206629	WSBL639	N
T-Mobile License LLC	D54061	MONONGALIA, WV	3	0010206629	WSBL640	N
T-Mobile License LLC	D54063	MONROE, WV	1	0010206629	WSBL641	N
T-Mobile License LLC	D54063	MONROE, WV	2	0010206629	WSBL642	N
T-Mobile License LLC	D54063	MONROE, WV	3	0010206629	WSBL643	N
T-Mobile License LLC	D54065	MORGAN, WV	1	0010206629	WSBL644	N
T-Mobile License LLC	D54065	MORGAN, WV	2	0010206629	WSBL645	N
T-Mobile License LLC	D54065	MORGAN, WV	3	0010206629	WSBL646	N
T-Mobile License LLC	D54067	NICHOLAS, WV	2	0010206629	WSBL647	N
T-Mobile License LLC	D54067	NICHOLAS, WV	3	0010206629	WSBL648	N
T-Mobile License LLC	D54069	OHIO, WV	1	0010206629	WSBL649	N

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T-Mobile License LLC	D54069	OHIO, WV	2	0010206629	WSBL650	N
T-Mobile License LLC	D54069	OHIO, WV	3	0010206629	WSBL651	N
T-Mobile License LLC	D54071	PENDLETON, WV	1	0010206629	WSBL652	N
T-Mobile License LLC	D54071	PENDLETON, WV	2	0010206629	WSBL653	N
T-Mobile License LLC	D54071	PENDLETON, WV	3	0010206629	WSBL654	N
T-Mobile License LLC	D54073	PLEASANTS, WV	1	0010206629	WSBL655	N
T-Mobile License LLC	D54073	PLEASANTS, WV	2	0010206629	WSBL656	N
T-Mobile License LLC	D54073	PLEASANTS, WV	3	0010206629	WSBL657	N
T-Mobile License LLC	D54075	POCAHONTAS, WV	1	0010206629	WSBL658	N
T-Mobile License LLC	D54075	POCAHONTAS, WV	2	0010206629	WSBL659	N
T-Mobile License LLC	D54075	POCAHONTAS, WV	3	0010206629	WSBL660	N
T-Mobile License LLC	D54077	PRESTON, WV	1	0010206629	WSBL661	N
T-Mobile License LLC	D54077	PRESTON, WV	2	0010206629	WSBL662	N
T-Mobile License LLC	D54077	PRESTON, WV	3	0010206629	WSBL663	N
T-Mobile License LLC	D54079	PUTNAM, WV	1	0010206629	WSBL664	N
T-Mobile License LLC	D54079	PUTNAM, WV	2	0010206629	WSBL665	N
T-Mobile License LLC	D54079	PUTNAM, WV	3	0010206629	WSBL666	N
T-Mobile License LLC	D54081	RALEIGH, WV	2	0010206629	WSBL667	N
T-Mobile License LLC	D54081	RALEIGH, WV	3	0010206629	WSBL668	N
T-Mobile License LLC	D54083	RANDOLPH, WV	1	0010206629	WSBL669	N
T-Mobile License LLC	D54083	RANDOLPH, WV	2	0010206629	WSBL670	N
T-Mobile License LLC	D54083	RANDOLPH, WV	3	0010206629	WSBL671	N
T-Mobile License LLC	D54085	RITCHIE, WV	1	0010206629	WSBL672	N
T-Mobile License LLC	D54085	RITCHIE, WV	2	0010206629	WSBL673	N
T-Mobile License LLC	D54085	RITCHIE, WV	3	0010206629	WSBL674	N
T-Mobile License LLC	D54087	ROANE, WV	1	0010206629	WSBL675	N
T-Mobile License LLC	D54087	ROANE, WV	2	0010206629	WSBL676	N
T-Mobile License LLC	D54087	ROANE, WV	3	0010206629	WSBL677	N
T-Mobile License LLC	D54089	SUMMERS, WV	2	0010206629	WSBL678	N
T-Mobile License LLC	D54089	SUMMERS, WV	3	0010206629	WSBL679	N
T-Mobile License LLC	D54091	TAYLOR, WV	1	0010206629	WSBL680	N
T-Mobile License LLC	D54091	TAYLOR, WV	2	0010206629	WSBL681	N
T-Mobile License LLC	D54091	TAYLOR, WV	3	0010206629	WSBL682	N
T-Mobile License LLC	D54093	TUCKER, WV	1	0010206629	WSBL683	N
T-Mobile License LLC	D54093	TUCKER, WV	2	0010206629	WSBL684	N
T-Mobile License LLC	D54093	TUCKER, WV	3	0010206629	WSBL685	N
T-Mobile License LLC	D54095	TYLER, WV	1	0010206629	WSBL686	N
T-Mobile License LLC	D54095	TYLER, WV	2	0010206629	WSBL687	N
T-Mobile License LLC	D54095	TYLER, WV	3	0010206629	WSBL688	N
T-Mobile License LLC	D54097	UPSHUR, WV	1	0010206629	WSBL689	N
T-Mobile License LLC	D54097	UPSHUR, WV	2	0010206629	WSBL690	N
T-Mobile License LLC	D54097	UPSHUR, WV	3	0010206629	WSBL691	N
T-Mobile License LLC	D54099	WAYNE, WV	1	0010206629	WSBL692	N
T-Mobile License LLC	D54099	WAYNE, WV	2	0010206629	WSBL693	N
T-Mobile License LLC	D54099	WAYNE, WV	3	0010206629	WSBL694	N
T-Mobile License LLC	D54101	WEBSTER, WV	2	0010206629	WSBL695	N
T-Mobile License LLC	D54101	WEBSTER, WV	3	0010206629	WSBL696	N
T-Mobile License LLC	D54103	WETZEL, WV	1	0010206629	WSBL697	N
T-Mobile License LLC	D54103	WETZEL, WV	2	0010206629	WSBL698	N
T-Mobile License LLC	D54103	WETZEL, WV	3	0010206629	WSBL699	N
T-Mobile License LLC	D54105	WIRT, WV	1	0010206629	WSBL700	N
T-Mobile License LLC	D54105	WIRT, WV	2	0010206629	WSBL701	N
T-Mobile License LLC	D54105	WIRT, WV	3	0010206629	WSBL702	N
T-Mobile License LLC	D54107	WOOD, WV	1	0010206629	WSBL703	N
T-Mobile License LLC	D54107	WOOD, WV	2	0010206629	WSBL704	N
T-Mobile License LLC	D54107	WOOD, WV	3	0010206629	WSBL705	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D54109	WYOMING, WV	1	0010206629	WSBL706	N
T-Mobile License LLC	D54109	WYOMING, WV	2	0010206629	WSBL707	N
T-Mobile License LLC	D54109	WYOMING, WV	3	0010206629	WSBL708	N
T-Mobile License LLC	D55001	ADAMS, WI	2	0010206629	WSBL709	N
T-Mobile License LLC	D55001	ADAMS, WI	3	0010206629	WSBL710	N
T-Mobile License LLC	D55005	BARRON, WI	1	0010206629	WSBL711	N
T-Mobile License LLC	D55005	BARRON, WI	2	0010206629	WSBL712	N
T-Mobile License LLC	D55005	BARRON, WI	3	0010206629	WSBL713	N
T-Mobile License LLC	D55007	BAYFIELD, WI	2	0010206629	WSBL714	N
T-Mobile License LLC	D55007	BAYFIELD, WI	3	0010206629	WSBL715	N
T-Mobile License LLC	D55009	BROWN, WI	1	0010206629	WSBL716	N
T-Mobile License LLC	D55009	BROWN, WI	2	0010206629	WSBL717	N
T-Mobile License LLC	D55011	BUFFALO, WI	1	0010206629	WSBL718	N
T-Mobile License LLC	D55011	BUFFALO, WI	2	0010206629	WSBL719	N
T-Mobile License LLC	D55011	BUFFALO, WI	3	0010206629	WSBL720	N
T-Mobile License LLC	D55013	BURNETT, WI	1	0010206629	WSBL721	N
T-Mobile License LLC	D55013	BURNETT, WI	2	0010206629	WSBL722	N
T-Mobile License LLC	D55013	BURNETT, WI	3	0010206629	WSBL723	N
T-Mobile License LLC	D55015	CALUMET, WI	1	0010206629	WSBL724	N
T-Mobile License LLC	D55015	CALUMET, WI	2	0010206629	WSBL725	N
T-Mobile License LLC	D55015	CALUMET, WI	3	0010206629	WSBL726	N
T-Mobile License LLC	D55017	CHIPPEWA, WI	1	0010206629	WSBL727	N
T-Mobile License LLC	D55017	CHIPPEWA, WI	2	0010206629	WSBL728	N
T-Mobile License LLC	D55017	CHIPPEWA, WI	3	0010206629	WSBL729	N
T-Mobile License LLC	D55019	CLARK, WI	1	0010206629	WSBL730	N
T-Mobile License LLC	D55019	CLARK, WI	2	0010206629	WSBL731	N
T-Mobile License LLC	D55019	CLARK, WI	3	0010206629	WSBL732	N
T-Mobile License LLC	D55021	COLUMBIA, WI	1	0010206629	WSBL733	N
T-Mobile License LLC	D55021	COLUMBIA, WI	2	0010206629	WSBL734	N
T-Mobile License LLC	D55021	COLUMBIA, WI	3	0010206629	WSBL735	N
T-Mobile License LLC	D55023	CRAWFORD, WI	1	0010206629	WSBL736	N
T-Mobile License LLC	D55023	CRAWFORD, WI	2	0010206629	WSBL737	N
T-Mobile License LLC	D55023	CRAWFORD, WI	3	0010206629	WSBL738	N
T-Mobile License LLC	D55025	DANE, WI	1	0010206629	WSBL739	N
T-Mobile License LLC	D55025	DANE, WI	2	0010206629	WSBL740	N
T-Mobile License LLC	D55027	DODGE, WI	1	0010206629	WSBL741	N
T-Mobile License LLC	D55027	DODGE, WI	2	0010206629	WSBL742	N
T-Mobile License LLC	D55027	DODGE, WI	3	0010206629	WSBL743	N
T-Mobile License LLC	D55029	DOOR, WI	2	0010206629	WSBL744	N
T-Mobile License LLC	D55029	DOOR, WI	3	0010206629	WSBL745	N
T-Mobile License LLC	D55031	DOUGLAS, WI	2	0010206629	WSBL746	N
T-Mobile License LLC	D55031	DOUGLAS, WI	3	0010206629	WSBL747	N
T-Mobile License LLC	D55033	DUNN, WI	1	0010206629	WSBL748	N
T-Mobile License LLC	D55033	DUNN, WI	2	0010206629	WSBL749	N
T-Mobile License LLC	D55033	DUNN, WI	3	0010206629	WSBL750	N
T-Mobile License LLC	D55035	EAU CLAIRE, WI	1	0010206629	WSBL751	N
T-Mobile License LLC	D55035	EAU CLAIRE, WI	2	0010206629	WSBL752	N
T-Mobile License LLC	D55035	EAU CLAIRE, WI	3	0010206629	WSBL753	N
T-Mobile License LLC	D55037	FLORENCE, WI	1	0010206629	WSBL754	N
T-Mobile License LLC	D55037	FLORENCE, WI	2	0010206629	WSBL755	N
T-Mobile License LLC	D55037	FLORENCE, WI	3	0010206629	WSBL756	N
T-Mobile License LLC	D55039	FOND DU LAC, WI	1	0010206629	WSBL757	N
T-Mobile License LLC	D55039	FOND DU LAC, WI	2	0010206629	WSBL758	N
T-Mobile License LLC	D55039	FOND DU LAC, WI	3	0010206629	WSBL759	N
T-Mobile License LLC	D55041	FOREST, WI	2	0010206629	WSBL760	N
T-Mobile License LLC	D55041	FOREST, WI	3	0010206629	WSBL761	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D55043	GRANT, WI	2	0010206629	WSBL762	N
T-Mobile License LLC	D55043	GRANT, WI	3	0010206629	WSBL763	N
T-Mobile License LLC	D55045	GREEN, WI	1	0010206629	WSBL764	N
T-Mobile License LLC	D55045	GREEN, WI	2	0010206629	WSBL765	N
T-Mobile License LLC	D55047	GREEN LAKE, WI	2	0010206629	WSBL766	N
T-Mobile License LLC	D55047	GREEN LAKE, WI	3	0010206629	WSBL767	N
T-Mobile License LLC	D55049	IOWA, WI	2	0010206629	WSBL768	N
T-Mobile License LLC	D55049	IOWA, WI	3	0010206629	WSBL769	N
T-Mobile License LLC	D55051	IRON, WI	1	0010206629	WSBL770	N
T-Mobile License LLC	D55051	IRON, WI	2	0010206629	WSBL771	N
T-Mobile License LLC	D55051	IRON, WI	3	0010206629	WSBL772	N
T-Mobile License LLC	D55053	JACKSON, WI	1	0010206629	WSBL773	N
T-Mobile License LLC	D55053	JACKSON, WI	2	0010206629	WSBL774	N
T-Mobile License LLC	D55053	JACKSON, WI	3	0010206629	WSBL775	N
T-Mobile License LLC	D55055	JEFFERSON, WI	1	0010206629	WSBL776	N
T-Mobile License LLC	D55055	JEFFERSON, WI	2	0010206629	WSBL777	N
T-Mobile License LLC	D55055	JEFFERSON, WI	3	0010206629	WSBL778	N
T-Mobile License LLC	D55057	JUNEAU, WI	2	0010206629	WSBL779	N
T-Mobile License LLC	D55057	JUNEAU, WI	3	0010206629	WSBL780	N
T-Mobile License LLC	D55059	KENOSHA, WI	1	0010206629	WSBL781	N
T-Mobile License LLC	D55059	KENOSHA, WI	2	0010206629	WSBL782	N
T-Mobile License LLC	D55059	KENOSHA, WI	3	0010206629	WSBL783	N
T-Mobile License LLC	D55061	KEWAUNEE, WI	1	0010206629	WSBL784	N
T-Mobile License LLC	D55061	KEWAUNEE, WI	2	0010206629	WSBL785	N
T-Mobile License LLC	D55061	KEWAUNEE, WI	3	0010206629	WSBL786	N
T-Mobile License LLC	D55063	LA CROSSE, WI	2	0010206629	WSBL787	N
T-Mobile License LLC	D55063	LA CROSSE, WI	3	0010206629	WSBL788	N
T-Mobile License LLC	D55065	LAFAYETTE, WI	1	0010206629	WSBL789	N
T-Mobile License LLC	D55065	LAFAYETTE, WI	2	0010206629	WSBL790	N
T-Mobile License LLC	D55067	LANGLADE, WI	2	0010206629	WSBL791	N
T-Mobile License LLC	D55067	LANGLADE, WI	3	0010206629	WSBL792	N
T-Mobile License LLC	D55069	LINCOLN, WI	1	0010206629	WSBL793	N
T-Mobile License LLC	D55069	LINCOLN, WI	2	0010206629	WSBL794	N
T-Mobile License LLC	D55071	MANITOWOC, WI	2	0010206629	WSBL795	N
T-Mobile License LLC	D55073	MARATHON, WI	1	0010206629	WSBL796	N
T-Mobile License LLC	D55073	MARATHON, WI	2	0010206629	WSBL797	N
T-Mobile License LLC	D55073	MARATHON, WI	3	0010206629	WSBL798	N
T-Mobile License LLC	D55075	MARINETTE, WI	2	0010206629	WSBL799	N
T-Mobile License LLC	D55075	MARINETTE, WI	3	0010206629	WSBL800	N
T-Mobile License LLC	D55077	MARQUETTE, WI	1	0010206629	WSBL801	N
T-Mobile License LLC	D55077	MARQUETTE, WI	2	0010206629	WSBL802	N
T-Mobile License LLC	D55077	MARQUETTE, WI	3	0010206629	WSBL803	N
T-Mobile License LLC	D55078	MENOMINEE, WI	1	0010206629	WSBL804	N
T-Mobile License LLC	D55078	MENOMINEE, WI	2	0010206629	WSBL805	N
T-Mobile License LLC	D55078	MENOMINEE, WI	3	0010206629	WSBL806	N
T-Mobile License LLC	D55081	MONROE, WI	1	0010206629	WSBL807	N
T-Mobile License LLC	D55081	MONROE, WI	2	0010206629	WSBL808	N
T-Mobile License LLC	D55081	MONROE, WI	3	0010206629	WSBL809	N
T-Mobile License LLC	D55083	OCONTO, WI	2	0010206629	WSBL810	N
T-Mobile License LLC	D55083	OCONTO, WI	3	0010206629	WSBL811	N
T-Mobile License LLC	D55085	ONEIDA, WI	2	0010206629	WSBL812	N
T-Mobile License LLC	D55085	ONEIDA, WI	3	0010206629	WSBL813	N
T-Mobile License LLC	D55087	OUTAGAMIE, WI	1	0010206629	WSBL814	N
T-Mobile License LLC	D55087	OUTAGAMIE, WI	2	0010206629	WSBL815	N
T-Mobile License LLC	D55087	OUTAGAMIE, WI	3	0010206629	WSBL816	N
T-Mobile License LLC	D55089	OZAUKEE, WI	1	0010206629	WSBL817	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D55089	OZAUKEE, WI	2	0010206629	WSBL818	N
T-Mobile License LLC	D55091	PEPIN, WI	1	0010206629	WSBL819	N
T-Mobile License LLC	D55091	PEPIN, WI	2	0010206629	WSBL820	N
T-Mobile License LLC	D55091	PEPIN, WI	3	0010206629	WSBL821	N
T-Mobile License LLC	D55093	PIERCE, WI	1	0010206629	WSBL822	N
T-Mobile License LLC	D55093	PIERCE, WI	2	0010206629	WSBL823	N
T-Mobile License LLC	D55093	PIERCE, WI	3	0010206629	WSBL824	N
T-Mobile License LLC	D55095	POLK, WI	1	0010206629	WSBL825	N
T-Mobile License LLC	D55095	POLK, WI	2	0010206629	WSBL826	N
T-Mobile License LLC	D55095	POLK, WI	3	0010206629	WSBL827	N
T-Mobile License LLC	D55097	PORTAGE, WI	2	0010206629	WSBL828	N
T-Mobile License LLC	D55097	PORTAGE, WI	3	0010206629	WSBL829	N
T-Mobile License LLC	D55099	PRICE, WI	2	0010206629	WSBL830	N
T-Mobile License LLC	D55099	PRICE, WI	3	0010206629	WSBL831	N
T-Mobile License LLC	D55101	RACINE, WI	1	0010206629	WSBL832	N
T-Mobile License LLC	D55101	RACINE, WI	2	0010206629	WSBL833	N
T-Mobile License LLC	D55101	RACINE, WI	3	0010206629	WSBL834	N
T-Mobile License LLC	D55103	RICHLAND, WI	2	0010206629	WSBL835	N
T-Mobile License LLC	D55103	RICHLAND, WI	3	0010206629	WSBL836	N
T-Mobile License LLC	D55105	ROCK, WI	1	0010206629	WSBL837	N
T-Mobile License LLC	D55105	ROCK, WI	2	0010206629	WSBL838	N
T-Mobile License LLC	D55105	ROCK, WI	3	0010206629	WSBL839	N
T-Mobile License LLC	D55107	RUSK, WI	1	0010206629	WSBL840	N
T-Mobile License LLC	D55107	RUSK, WI	2	0010206629	WSBL841	N
T-Mobile License LLC	D55107	RUSK, WI	3	0010206629	WSBL842	N
T-Mobile License LLC	D55109	ST. CROIX, WI	1	0010206629	WSBL843	N
T-Mobile License LLC	D55109	ST. CROIX, WI	2	0010206629	WSBL844	N
T-Mobile License LLC	D55109	ST. CROIX, WI	3	0010206629	WSBL845	N
T-Mobile License LLC	D55111	SAUK, WI	2	0010206629	WSBL846	N
T-Mobile License LLC	D55111	SAUK, WI	3	0010206629	WSBL847	N
T-Mobile License LLC	D55113	SAWYER, WI	2	0010206629	WSBL848	N
T-Mobile License LLC	D55115	SHAWANO, WI	2	0010206629	WSBL849	N
T-Mobile License LLC	D55115	SHAWANO, WI	3	0010206629	WSBL850	N
T-Mobile License LLC	D55117	SHEBOYGAN, WI	1	0010206629	WSBL851	N
T-Mobile License LLC	D55117	SHEBOYGAN, WI	2	0010206629	WSBL852	N
T-Mobile License LLC	D55119	TAYLOR, WI	1	0010206629	WSBL853	N
T-Mobile License LLC	D55119	TAYLOR, WI	2	0010206629	WSBL854	N
T-Mobile License LLC	D55119	TAYLOR, WI	3	0010206629	WSBL855	N
T-Mobile License LLC	D55121	TREMPEALEAU, WI	1	0010206629	WSBL856	N
T-Mobile License LLC	D55121	TREMPEALEAU, WI	2	0010206629	WSBL857	N
T-Mobile License LLC	D55121	TREMPEALEAU, WI	3	0010206629	WSBL858	N
T-Mobile License LLC	D55123	VERNON, WI	1	0010206629	WSBL859	N
T-Mobile License LLC	D55123	VERNON, WI	2	0010206629	WSBL860	N
T-Mobile License LLC	D55123	VERNON, WI	3	0010206629	WSBL861	N
T-Mobile License LLC	D55125	VILAS, WI	1	0010206629	WSBL862	N
T-Mobile License LLC	D55125	VILAS, WI	2	0010206629	WSBL863	N
T-Mobile License LLC	D55125	VILAS, WI	3	0010206629	WSBL864	N
T-Mobile License LLC	D55127	WALWORTH, WI	1	0010206629	WSBL865	N
T-Mobile License LLC	D55127	WALWORTH, WI	2	0010206629	WSBL866	N
T-Mobile License LLC	D55127	WALWORTH, WI	3	0010206629	WSBL867	N
T-Mobile License LLC	D55129	WASHBURN, WI	1	0010206629	WSBL868	N
T-Mobile License LLC	D55129	WASHBURN, WI	2	0010206629	WSBL869	N
T-Mobile License LLC	D55129	WASHBURN, WI	3	0010206629	WSBL870	N
T-Mobile License LLC	D55131	WASHINGTON, WI	1	0010206629	WSBL871	N
T-Mobile License LLC	D55131	WASHINGTON, WI	2	0010206629	WSBL872	N
T-Mobile License LLC	D55131	WASHINGTON, WI	3	0010206629	WSBL873	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D55133	WAUKESHA, WI	3	0010206629	WSBL874	N
T-Mobile License LLC	D55135	WAUPACA, WI	2	0010206629	WSBL875	N
T-Mobile License LLC	D55135	WAUPACA, WI	3	0010206629	WSBL876	N
T-Mobile License LLC	D55137	WAUSHARA, WI	2	0010206629	WSBL877	N
T-Mobile License LLC	D55137	WAUSHARA, WI	3	0010206629	WSBL878	N
T-Mobile License LLC	D55139	WINNEBAGO, WI	1	0010206629	WSBL879	N
T-Mobile License LLC	D55139	WINNEBAGO, WI	2	0010206629	WSBL880	N
T-Mobile License LLC	D55139	WINNEBAGO, WI	3	0010206629	WSBL881	N
T-Mobile License LLC	D55141	WOOD, WI	2	0010206629	WSBL882	N
T-Mobile License LLC	D55141	WOOD, WI	3	0010206629	WSBL883	N
T-Mobile License LLC	D56001	ALBANY, WY	1	0010206629	WSBL884	N
T-Mobile License LLC	D56001	ALBANY, WY	2	0010206629	WSBL885	N
T-Mobile License LLC	D56001	ALBANY, WY	3	0010206629	WSBL886	N
T-Mobile License LLC	D56003	BIG HORN, WY	1	0010206629	WSBL887	N
T-Mobile License LLC	D56003	BIG HORN, WY	2	0010206629	WSBL888	N
T-Mobile License LLC	D56003	BIG HORN, WY	3	0010206629	WSBL889	N
T-Mobile License LLC	D56005	CAMPBELL, WY	1	0010206629	WSBL890	N
T-Mobile License LLC	D56005	CAMPBELL, WY	2	0010206629	WSBL891	N
T-Mobile License LLC	D56005	CAMPBELL, WY	3	0010206629	WSBL892	N
T-Mobile License LLC	D56007	CARBON, WY	2	0010206629	WSBL893	N
T-Mobile License LLC	D56007	CARBON, WY	3	0010206629	WSBL894	N
T-Mobile License LLC	D56009	CONVERSE, WY	1	0010206629	WSBL895	N
T-Mobile License LLC	D56009	CONVERSE, WY	2	0010206629	WSBL896	N
T-Mobile License LLC	D56009	CONVERSE, WY	3	0010206629	WSBL897	N
T-Mobile License LLC	D56011	CROOK, WY	1	0010206629	WSBL898	N
T-Mobile License LLC	D56011	CROOK, WY	2	0010206629	WSBL899	N
T-Mobile License LLC	D56011	CROOK, WY	3	0010206629	WSBL900	N
T-Mobile License LLC	D56013	FREMONT, WY	1	0010206629	WSBL901	N
T-Mobile License LLC	D56013	FREMONT, WY	2	0010206629	WSBL902	N
T-Mobile License LLC	D56013	FREMONT, WY	3	0010206629	WSBL903	N
T-Mobile License LLC	D56015	GOSHEN, WY	1	0010206629	WSBL904	N
T-Mobile License LLC	D56015	GOSHEN, WY	2	0010206629	WSBL905	N
T-Mobile License LLC	D56015	GOSHEN, WY	3	0010206629	WSBL906	N
T-Mobile License LLC	D56017	HOT SPRINGS, WY	1	0010206629	WSBL907	N
T-Mobile License LLC	D56017	HOT SPRINGS, WY	2	0010206629	WSBL908	N
T-Mobile License LLC	D56017	HOT SPRINGS, WY	3	0010206629	WSBL909	N
T-Mobile License LLC	D56019	JOHNSON, WY	1	0010206629	WSBL910	N
T-Mobile License LLC	D56019	JOHNSON, WY	2	0010206629	WSBL911	N
T-Mobile License LLC	D56019	JOHNSON, WY	3	0010206629	WSBL912	N
T-Mobile License LLC	D56021	LARAMIE, WY	1	0010206629	WSBL913	N
T-Mobile License LLC	D56021	LARAMIE, WY	2	0010206629	WSBL914	N
T-Mobile License LLC	D56021	LARAMIE, WY	3	0010206629	WSBL915	N
T-Mobile License LLC	D56023	LINCOLN, WY	2	0010206629	WSBL916	N
T-Mobile License LLC	D56023	LINCOLN, WY	3	0010206629	WSBL917	N
T-Mobile License LLC	D56025	NATRONA, WY	2	0010206629	WSBL918	N
T-Mobile License LLC	D56025	NATRONA, WY	3	0010206629	WSBL919	N
T-Mobile License LLC	D56027	NIOBRARA, WY	1	0010206629	WSBL920	N
T-Mobile License LLC	D56027	NIOBRARA, WY	2	0010206629	WSBL921	N
T-Mobile License LLC	D56027	NIOBRARA, WY	3	0010206629	WSBL922	N
T-Mobile License LLC	D56029	PARK, WY	1	0010206629	WSBL923	N
T-Mobile License LLC	D56029	PARK, WY	2	0010206629	WSBL924	N
T-Mobile License LLC	D56029	PARK, WY	3	0010206629	WSBL925	N
T-Mobile License LLC	D56031	PLATTE, WY	1	0010206629	WSBL926	N
T-Mobile License LLC	D56031	PLATTE, WY	2	0010206629	WSBL927	N
T-Mobile License LLC	D56031	PLATTE, WY	3	0010206629	WSBL928	N
T-Mobile License LLC	D56033	SHERIDAN, WY	1	0010206629	WSBL929	N

ATTACHMENT A
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY LICENSEE
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D56033	SHERIDAN, WY	2	0010206629	WSBL930	N
T-Mobile License LLC	D56033	SHERIDAN, WY	3	0010206629	WSBL931	N
T-Mobile License LLC	D56035	SUBLETTE, WY	2	0010206629	WSBL932	N
T-Mobile License LLC	D56035	SUBLETTE, WY	3	0010206629	WSBL933	N
T-Mobile License LLC	D56037	SWEETWATER, WY	2	0010206629	WSBL934	N
T-Mobile License LLC	D56037	SWEETWATER, WY	3	0010206629	WSBL935	N
T-Mobile License LLC	D56039	TETON, WY	1	0010206629	WSBL936	N
T-Mobile License LLC	D56039	TETON, WY	2	0010206629	WSBL937	N
T-Mobile License LLC	D56039	TETON, WY	3	0010206629	WSBL938	N
T-Mobile License LLC	D56041	UINTA, WY	3	0010206629	WSBL939	N
T-Mobile License LLC	D56043	WASHAKIE, WY	1	0010206629	WSBL940	N
T-Mobile License LLC	D56043	WASHAKIE, WY	2	0010206629	WSBL941	N
T-Mobile License LLC	D56043	WASHAKIE, WY	3	0010206629	WSBL942	N
T-Mobile License LLC	D56045	WESTON, WY	1	0010206629	WSBL943	N
T-Mobile License LLC	D56045	WESTON, WY	2	0010206629	WSBL944	N
T-Mobile License LLC	D56045	WESTON, WY	3	0010206629	WSBL945	N
T-Mobile License LLC	D72003	AGUADA, PR	2	0010206629	WSBL946	N
T-Mobile License LLC	D72005	AGUADILLA, PR	1	0010206629	WSBL947	N
T-Mobile License LLC	D72005	AGUADILLA, PR	2	0010206629	WSBL948	N
T-Mobile License LLC	D72011	AÑASCO, PR	2	0010206629	WSBL949	N
T-Mobile License LLC	D72023	CABO ROJO, PR	1	0010206629	WSBL950	N
T-Mobile License LLC	D72023	CABO ROJO, PR	2	0010206629	WSBL951	N
T-Mobile License LLC	D72037	CEIBA, PR	2	0010206629	WSBL952	N
T-Mobile License LLC	D72053	FAJARDO, PR	2	0010206629	WSBL953	N
T-Mobile License LLC	D72067	HORMIGUEROS, PR	2	0010206629	WSBL954	N
T-Mobile License LLC	D72071	ISABELA, PR	2	0010206629	WSBL955	N
T-Mobile License LLC	D72079	LAJAS, PR	2	0010206629	WSBL956	N
T-Mobile License LLC	D72097	MAYAGÜEZ, PR	1	0010206629	WSBL957	N
T-Mobile License LLC	D72097	MAYAGÜEZ, PR	2	0010206629	WSBL958	N
T-Mobile License LLC	D72097	MAYAGÜEZ, PR	3	0010206629	WSBL959	N
T-Mobile License LLC	D72099	MOCA, PR	2	0010206629	WSBL960	N
T-Mobile License LLC	D72117	RINCÓN, PR	2	0010206629	WSBL961	N
T-Mobile License LLC	D72125	SAN GERMÁN, PR	2	0010206629	WSBL962	N
T-Mobile License LLC	D72147	VIEQUES, PR	1	0010206629	WSBL963	N
T-Mobile License LLC	D72147	VIEQUES, PR	2	0010206629	WSBL964	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01001	AUTAUGA, AL	1	0010206629	WSBD209	N
T-Mobile License LLC	D01001	AUTAUGA, AL	2	0010206629	WSBD210	N
T-Mobile License LLC	D01001	AUTAUGA, AL	3	0010206629	WSBD211	N
T-Mobile License LLC	D01003	BALDWIN, AL	1	0010206629	WSBD212	N
T-Mobile License LLC	D01003	BALDWIN, AL	2	0010206629	WSBD213	N
T-Mobile License LLC	D01003	BALDWIN, AL	3	0010206629	WSBD214	N
T-Mobile License LLC	D01005	BARBOUR, AL	1	0010206629	WSBD215	N
T-Mobile License LLC	D01005	BARBOUR, AL	2	0010206629	WSBD216	N
T-Mobile License LLC	D01005	BARBOUR, AL	3	0010206629	WSBD217	N
T-Mobile License LLC	D01007	BIBB, AL	1	0010206629	WSBD218	N
T-Mobile License LLC	D01007	BIBB, AL	2	0010206629	WSBD219	N
T-Mobile License LLC	D01007	BIBB, AL	3	0010206629	WSBD220	N
T-Mobile License LLC	D01009	BLOUNT, AL	1	0010206629	WSBD221	N
T-Mobile License LLC	D01009	BLOUNT, AL	2	0010206629	WSBD222	N
T-Mobile License LLC	D01009	BLOUNT, AL	3	0010206629	WSBD223	N
T-Mobile License LLC	D01011	BULLOCK, AL	1	0010206629	WSBD224	N
T-Mobile License LLC	D01011	BULLOCK, AL	2	0010206629	WSBD225	N
T-Mobile License LLC	D01011	BULLOCK, AL	3	0010206629	WSBD226	N
T-Mobile License LLC	D01013	BUTLER, AL	1	0010206629	WSBD227	N
T-Mobile License LLC	D01013	BUTLER, AL	2	0010206629	WSBD228	N
T-Mobile License LLC	D01013	BUTLER, AL	3	0010206629	WSBD229	N
T-Mobile License LLC	D01015	CALHOUN, AL	2	0010206629	WSBD230	N
T-Mobile License LLC	D01015	CALHOUN, AL	3	0010206629	WSBD231	N
T-Mobile License LLC	D01019	CHEROKEE, AL	1	0010206629	WSBD232	N
T-Mobile License LLC	D01019	CHEROKEE, AL	2	0010206629	WSBD233	N
T-Mobile License LLC	D01019	CHEROKEE, AL	3	0010206629	WSBD234	N
T-Mobile License LLC	D01021	CHILTON, AL	1	0010206629	WSBD235	N
T-Mobile License LLC	D01021	CHILTON, AL	2	0010206629	WSBD236	N
T-Mobile License LLC	D01021	CHILTON, AL	3	0010206629	WSBD237	N
T-Mobile License LLC	D01023	CHOCTAW, AL	1	0010206629	WSBD238	N
T-Mobile License LLC	D01023	CHOCTAW, AL	2	0010206629	WSBD239	N
T-Mobile License LLC	D01023	CHOCTAW, AL	3	0010206629	WSBD240	N
T-Mobile License LLC	D01025	CLARKE, AL	1	0010206629	WSBD241	N
T-Mobile License LLC	D01025	CLARKE, AL	2	0010206629	WSBD242	N
T-Mobile License LLC	D01025	CLARKE, AL	3	0010206629	WSBD243	N
T-Mobile License LLC	D01027	CLAY, AL	1	0010206629	WSBD244	N
T-Mobile License LLC	D01027	CLAY, AL	2	0010206629	WSBD245	N
T-Mobile License LLC	D01027	CLAY, AL	3	0010206629	WSBD246	N
T-Mobile License LLC	D01031	COFFEE, AL	1	0010206629	WSBD247	N
T-Mobile License LLC	D01031	COFFEE, AL	2	0010206629	WSBD248	N
T-Mobile License LLC	D01031	COFFEE, AL	3	0010206629	WSBD249	N
T-Mobile License LLC	D01035	CONECUH, AL	1	0010206629	WSBD250	N
T-Mobile License LLC	D01035	CONECUH, AL	2	0010206629	WSBD251	N
T-Mobile License LLC	D01035	CONECUH, AL	3	0010206629	WSBD252	N
T-Mobile License LLC	D01037	COOSA, AL	1	0010206629	WSBD253	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01037	COOSA, AL	2	0010206629	WSBD254	N
T-Mobile License LLC	D01037	COOSA, AL	3	0010206629	WSBD255	N
T-Mobile License LLC	D01039	COVINGTON, AL	1	0010206629	WSBD256	N
T-Mobile License LLC	D01039	COVINGTON, AL	2	0010206629	WSBD257	N
T-Mobile License LLC	D01039	COVINGTON, AL	3	0010206629	WSBD258	N
T-Mobile License LLC	D01041	CRENSHAW, AL	1	0010206629	WSBD259	N
T-Mobile License LLC	D01041	CRENSHAW, AL	2	0010206629	WSBD260	N
T-Mobile License LLC	D01041	CRENSHAW, AL	3	0010206629	WSBD261	N
T-Mobile License LLC	D01043	CULLMAN, AL	1	0010206629	WSBD262	N
T-Mobile License LLC	D01043	CULLMAN, AL	2	0010206629	WSBD263	N
T-Mobile License LLC	D01043	CULLMAN, AL	3	0010206629	WSBD264	N
T-Mobile License LLC	D01045	DALE, AL	1	0010206629	WSBD265	N
T-Mobile License LLC	D01045	DALE, AL	2	0010206629	WSBD266	N
T-Mobile License LLC	D01045	DALE, AL	3	0010206629	WSBD267	N
T-Mobile License LLC	D01047	DALLAS, AL	1	0010206629	WSBD268	N
T-Mobile License LLC	D01047	DALLAS, AL	2	0010206629	WSBD269	N
T-Mobile License LLC	D01047	DALLAS, AL	3	0010206629	WSBD270	N
T-Mobile License LLC	D01049	DEKALB, AL	1	0010206629	WSBD271	N
T-Mobile License LLC	D01049	DEKALB, AL	2	0010206629	WSBD272	N
T-Mobile License LLC	D01049	DEKALB, AL	3	0010206629	WSBD273	N
T-Mobile License LLC	D01051	ELMORE, AL	1	0010206629	WSBD274	N
T-Mobile License LLC	D01051	ELMORE, AL	2	0010206629	WSBD275	N
T-Mobile License LLC	D01051	ELMORE, AL	3	0010206629	WSBD276	N
T-Mobile License LLC	D01053	ESCAMBIA, AL	1	0010206629	WSBD277	N
T-Mobile License LLC	D01053	ESCAMBIA, AL	2	0010206629	WSBD278	N
T-Mobile License LLC	D01053	ESCAMBIA, AL	3	0010206629	WSBD279	N
T-Mobile License LLC	D01055	ETOWAH, AL	2	0010206629	WSBD280	N
T-Mobile License LLC	D01055	ETOWAH, AL	3	0010206629	WSBD281	N
T-Mobile License LLC	D01057	FAYETTE, AL	1	0010206629	WSBD282	N
T-Mobile License LLC	D01057	FAYETTE, AL	2	0010206629	WSBD283	N
T-Mobile License LLC	D01059	FRANKLIN, AL	1	0010206629	WSBD284	N
T-Mobile License LLC	D01059	FRANKLIN, AL	2	0010206629	WSBD285	N
T-Mobile License LLC	D01061	GENEVA, AL	1	0010206629	WSBD286	N
T-Mobile License LLC	D01061	GENEVA, AL	2	0010206629	WSBD287	N
T-Mobile License LLC	D01061	GENEVA, AL	3	0010206629	WSBD288	N
T-Mobile License LLC	D01063	GREENE, AL	2	0010206629	WSBD289	N
T-Mobile License LLC	D01063	GREENE, AL	3	0010206629	WSBD290	N
T-Mobile License LLC	D01065	HALE, AL	1	0010206629	WSBD291	N
T-Mobile License LLC	D01065	HALE, AL	2	0010206629	WSBD292	N
T-Mobile License LLC	D01067	HENRY, AL	1	0010206629	WSBD293	N
T-Mobile License LLC	D01067	HENRY, AL	2	0010206629	WSBD294	N
T-Mobile License LLC	D01067	HENRY, AL	3	0010206629	WSBD295	N
T-Mobile License LLC	D01069	HOUSTON, AL	1	0010206629	WSBD296	N
T-Mobile License LLC	D01069	HOUSTON, AL	2	0010206629	WSBD297	N
T-Mobile License LLC	D01069	HOUSTON, AL	3	0010206629	WSBD298	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01071	JACKSON, AL	1	0010206629	WSBD299	N
T-Mobile License LLC	D01071	JACKSON, AL	2	0010206629	WSBD300	N
T-Mobile License LLC	D01071	JACKSON, AL	3	0010206629	WSBD301	N
T-Mobile License LLC	D01073	JEFFERSON, AL	1	0010206629	WSBD302	N
T-Mobile License LLC	D01073	JEFFERSON, AL	2	0010206629	WSBD303	N
T-Mobile License LLC	D01073	JEFFERSON, AL	3	0010206629	WSBD304	N
T-Mobile License LLC	D01075	LAMAR, AL	1	0010206629	WSBD305	N
T-Mobile License LLC	D01075	LAMAR, AL	2	0010206629	WSBD306	N
T-Mobile License LLC	D01075	LAMAR, AL	3	0010206629	WSBD307	N
T-Mobile License LLC	D01077	LAUDERDALE, AL	1	0010206629	WSBD308	N
T-Mobile License LLC	D01077	LAUDERDALE, AL	2	0010206629	WSBD309	N
T-Mobile License LLC	D01077	LAUDERDALE, AL	3	0010206629	WSBD310	N
T-Mobile License LLC	D01079	LAWRENCE, AL	1	0010206629	WSBD311	N
T-Mobile License LLC	D01079	LAWRENCE, AL	2	0010206629	WSBD312	N
T-Mobile License LLC	D01079	LAWRENCE, AL	3	0010206629	WSBD313	N
T-Mobile License LLC	D01083	LIMESTONE, AL	2	0010206629	WSBD314	N
T-Mobile License LLC	D01085	LOWNDES, AL	1	0010206629	WSBD315	N
T-Mobile License LLC	D01085	LOWNDES, AL	2	0010206629	WSBD316	N
T-Mobile License LLC	D01085	LOWNDES, AL	3	0010206629	WSBD317	N
T-Mobile License LLC	D01087	MACON, AL	1	0010206629	WSBD318	N
T-Mobile License LLC	D01087	MACON, AL	2	0010206629	WSBD319	N
T-Mobile License LLC	D01087	MACON, AL	3	0010206629	WSBD320	N
T-Mobile License LLC	D01091	MARENGO, AL	1	0010206629	WSBD321	N
T-Mobile License LLC	D01091	MARENGO, AL	2	0010206629	WSBD322	N
T-Mobile License LLC	D01093	MARION, AL	1	0010206629	WSBD323	N
T-Mobile License LLC	D01093	MARION, AL	2	0010206629	WSBD324	N
T-Mobile License LLC	D01093	MARION, AL	3	0010206629	WSBD325	N
T-Mobile License LLC	D01095	MARSHALL, AL	1	0010206629	WSBD326	N
T-Mobile License LLC	D01095	MARSHALL, AL	2	0010206629	WSBD327	N
T-Mobile License LLC	D01095	MARSHALL, AL	3	0010206629	WSBD328	N
T-Mobile License LLC	D01097	MOBILE, AL	1	0010206629	WSBD329	N
T-Mobile License LLC	D01097	MOBILE, AL	2	0010206629	WSBD330	N
T-Mobile License LLC	D01097	MOBILE, AL	3	0010206629	WSBD331	N
T-Mobile License LLC	D01099	MONROE, AL	1	0010206629	WSBD332	N
T-Mobile License LLC	D01099	MONROE, AL	2	0010206629	WSBD333	N
T-Mobile License LLC	D01099	MONROE, AL	3	0010206629	WSBD334	N
T-Mobile License LLC	D01101	MONTGOMERY, AL	1	0010206629	WSBD335	N
T-Mobile License LLC	D01101	MONTGOMERY, AL	2	0010206629	WSBD336	N
T-Mobile License LLC	D01101	MONTGOMERY, AL	3	0010206629	WSBD337	N
T-Mobile License LLC	D01103	MORGAN, AL	1	0010206629	WSBD338	N
T-Mobile License LLC	D01103	MORGAN, AL	2	0010206629	WSBD339	N
T-Mobile License LLC	D01103	MORGAN, AL	3	0010206629	WSBD340	N
T-Mobile License LLC	D01105	PERRY, AL	1	0010206629	WSBD341	N
T-Mobile License LLC	D01105	PERRY, AL	2	0010206629	WSBD342	N
T-Mobile License LLC	D01105	PERRY, AL	3	0010206629	WSBD343	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D01107	PICKENS, AL	1	0010206629	WSBD344	N
T-Mobile License LLC	D01107	PICKENS, AL	2	0010206629	WSBD345	N
T-Mobile License LLC	D01107	PICKENS, AL	3	0010206629	WSBD346	N
T-Mobile License LLC	D01109	PIKE, AL	1	0010206629	WSBD347	N
T-Mobile License LLC	D01109	PIKE, AL	2	0010206629	WSBD348	N
T-Mobile License LLC	D01109	PIKE, AL	3	0010206629	WSBD349	N
T-Mobile License LLC	D01111	RANDOLPH, AL	1	0010206629	WSBD350	N
T-Mobile License LLC	D01111	RANDOLPH, AL	2	0010206629	WSBD351	N
T-Mobile License LLC	D01111	RANDOLPH, AL	3	0010206629	WSBD352	N
T-Mobile License LLC	D01115	ST. CLAIR, AL	2	0010206629	WSBD353	N
T-Mobile License LLC	D01115	ST. CLAIR, AL	3	0010206629	WSBD354	N
T-Mobile License LLC	D01117	SHELBY, AL	1	0010206629	WSBD355	N
T-Mobile License LLC	D01117	SHELBY, AL	2	0010206629	WSBD356	N
T-Mobile License LLC	D01117	SHELBY, AL	3	0010206629	WSBD357	N
T-Mobile License LLC	D01119	SUMTER, AL	1	0010206629	WSBD358	N
T-Mobile License LLC	D01119	SUMTER, AL	2	0010206629	WSBD359	N
T-Mobile License LLC	D01119	SUMTER, AL	3	0010206629	WSBD360	N
T-Mobile License LLC	D01121	TALLADEGA, AL	1	0010206629	WSBD361	N
T-Mobile License LLC	D01121	TALLADEGA, AL	2	0010206629	WSBD362	N
T-Mobile License LLC	D01121	TALLADEGA, AL	3	0010206629	WSBD363	N
T-Mobile License LLC	D01123	TALLAPOOSA, AL	1	0010206629	WSBD364	N
T-Mobile License LLC	D01123	TALLAPOOSA, AL	2	0010206629	WSBD365	N
T-Mobile License LLC	D01123	TALLAPOOSA, AL	3	0010206629	WSBD366	N
T-Mobile License LLC	D01125	TUSCALOOSA, AL	1	0010206629	WSBD367	N
T-Mobile License LLC	D01125	TUSCALOOSA, AL	2	0010206629	WSBD368	N
T-Mobile License LLC	D01127	WALKER, AL	1	0010206629	WSBD369	N
T-Mobile License LLC	D01127	WALKER, AL	2	0010206629	WSBD370	N
T-Mobile License LLC	D01129	WASHINGTON, AL	1	0010206629	WSBD371	N
T-Mobile License LLC	D01129	WASHINGTON, AL	2	0010206629	WSBD372	N
T-Mobile License LLC	D01129	WASHINGTON, AL	3	0010206629	WSBD373	N
T-Mobile License LLC	D01131	WILCOX, AL	1	0010206629	WSBD374	N
T-Mobile License LLC	D01131	WILCOX, AL	2	0010206629	WSBD375	N
T-Mobile License LLC	D01131	WILCOX, AL	3	0010206629	WSBD376	N
T-Mobile License LLC	D01133	WINSTON, AL	1	0010206629	WSBD377	N
T-Mobile License LLC	D01133	WINSTON, AL	2	0010206629	WSBD378	N
T-Mobile License LLC	D01133	WINSTON, AL	3	0010206629	WSBD379	N
T-Mobile License LLC	D02110	JUNEAU, AK	1	0010206629	WSBD380	N
T-Mobile License LLC	D02110	JUNEAU, AK	2	0010206629	WSBD381	N
T-Mobile License LLC	D02110	JUNEAU, AK	3	0010206629	WSBD382	N
T-Mobile License LLC	D02170	MATANUSKA-SUSITNA, AK	1	0010206629	WSBD383	N
T-Mobile License LLC	D02170	MATANUSKA-SUSITNA, AK	2	0010206629	WSBD384	N
T-Mobile License LLC	D02170	MATANUSKA-SUSITNA, AK	3	0010206629	WSBD385	N
T-Mobile License LLC	D04001	APACHE, AZ	1	0010206629	WSBD386	N
T-Mobile License LLC	D04003	COCHISE, AZ	1	0010206629	WSBD387	N
T-Mobile License LLC	D04003	COCHISE, AZ	2	0010206629	WSBD388	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D04003	COCHISE, AZ	3	0010206629	WSBD389	N
T-Mobile License LLC	D04005	COCONINO, AZ	1	0010206629	WSBD390	N
T-Mobile License LLC	D04005	COCONINO, AZ	2	0010206629	WSBD391	N
T-Mobile License LLC	D04005	COCONINO, AZ	3	0010206629	WSBD392	N
T-Mobile License LLC	D04007	GILA, AZ	1	0010206629	WSBD393	N
T-Mobile License LLC	D04007	GILA, AZ	2	0010206629	WSBD394	N
T-Mobile License LLC	D04007	GILA, AZ	3	0010206629	WSBD395	N
T-Mobile License LLC	D04009	GRAHAM, AZ	1	0010206629	WSBD396	N
T-Mobile License LLC	D04009	GRAHAM, AZ	2	0010206629	WSBD397	N
T-Mobile License LLC	D04009	GRAHAM, AZ	3	0010206629	WSBD398	N
T-Mobile License LLC	D04011	GREENLEE, AZ	1	0010206629	WSBD399	N
T-Mobile License LLC	D04011	GREENLEE, AZ	2	0010206629	WSBD400	N
T-Mobile License LLC	D04011	GREENLEE, AZ	3	0010206629	WSBD401	N
T-Mobile License LLC	D04012	LA PAZ, AZ	1	0010206629	WSBD402	N
T-Mobile License LLC	D04012	LA PAZ, AZ	2	0010206629	WSBD403	N
T-Mobile License LLC	D04012	LA PAZ, AZ	3	0010206629	WSBD404	N
T-Mobile License LLC	D04013	MARICOPA, AZ	2	0010206629	WSBD405	N
T-Mobile License LLC	D04013	MARICOPA, AZ	3	0010206629	WSBD406	N
T-Mobile License LLC	D04015	MOHAVE, AZ	1	0010206629	WSBD407	N
T-Mobile License LLC	D04015	MOHAVE, AZ	2	0010206629	WSBD408	N
T-Mobile License LLC	D04015	MOHAVE, AZ	3	0010206629	WSBD409	N
T-Mobile License LLC	D04017	NAVAJO, AZ	2	0010206629	WSBD410	N
T-Mobile License LLC	D04017	NAVAJO, AZ	3	0010206629	WSBD411	N
T-Mobile License LLC	D04019	PIMA, AZ	1	0010206629	WSBD412	N
T-Mobile License LLC	D04019	PIMA, AZ	2	0010206629	WSBD413	N
T-Mobile License LLC	D04019	PIMA, AZ	3	0010206629	WSBD414	N
T-Mobile License LLC	D04021	PINAL, AZ	1	0010206629	WSBD415	N
T-Mobile License LLC	D04021	PINAL, AZ	2	0010206629	WSBD416	N
T-Mobile License LLC	D04021	PINAL, AZ	3	0010206629	WSBD417	N
T-Mobile License LLC	D04023	SANTA CRUZ, AZ	1	0010206629	WSBD418	N
T-Mobile License LLC	D04023	SANTA CRUZ, AZ	2	0010206629	WSBD419	N
T-Mobile License LLC	D04023	SANTA CRUZ, AZ	3	0010206629	WSBD420	N
T-Mobile License LLC	D04025	YAVAPAI, AZ	1	0010206629	WSBD421	N
T-Mobile License LLC	D04025	YAVAPAI, AZ	2	0010206629	WSBD422	N
T-Mobile License LLC	D04025	YAVAPAI, AZ	3	0010206629	WSBD423	N
T-Mobile License LLC	D04027	YUMA, AZ	1	0010206629	WSBD424	N
T-Mobile License LLC	D04027	YUMA, AZ	2	0010206629	WSBD425	N
T-Mobile License LLC	D04027	YUMA, AZ	3	0010206629	WSBD426	N
T-Mobile License LLC	D05001	ARKANSAS, AR	1	0010206629	WSBD427	N
T-Mobile License LLC	D05001	ARKANSAS, AR	2	0010206629	WSBD428	N
T-Mobile License LLC	D05001	ARKANSAS, AR	3	0010206629	WSBD429	N
T-Mobile License LLC	D05003	ASHLEY, AR	1	0010206629	WSBD430	N
T-Mobile License LLC	D05003	ASHLEY, AR	2	0010206629	WSBD431	N
T-Mobile License LLC	D05003	ASHLEY, AR	3	0010206629	WSBD432	N
T-Mobile License LLC	D05005	BAXTER, AR	1	0010206629	WSBD433	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D05005	BAXTER, AR	2	0010206629	WSBD434	N
T-Mobile License LLC	D05005	BAXTER, AR	3	0010206629	WSBD435	N
T-Mobile License LLC	D05009	BOONE, AR	1	0010206629	WSBD436	N
T-Mobile License LLC	D05009	BOONE, AR	2	0010206629	WSBD437	N
T-Mobile License LLC	D05009	BOONE, AR	3	0010206629	WSBD438	N
T-Mobile License LLC	D05011	BRADLEY, AR	1	0010206629	WSBD439	N
T-Mobile License LLC	D05011	BRADLEY, AR	2	0010206629	WSBD440	N
T-Mobile License LLC	D05011	BRADLEY, AR	3	0010206629	WSBD441	N
T-Mobile License LLC	D05013	CALHOUN, AR	1	0010206629	WSBD442	N
T-Mobile License LLC	D05013	CALHOUN, AR	2	0010206629	WSBD443	N
T-Mobile License LLC	D05013	CALHOUN, AR	3	0010206629	WSBD444	N
T-Mobile License LLC	D05015	CARROLL, AR	1	0010206629	WSBD445	N
T-Mobile License LLC	D05015	CARROLL, AR	2	0010206629	WSBD446	N
T-Mobile License LLC	D05015	CARROLL, AR	3	0010206629	WSBD447	N
T-Mobile License LLC	D05017	CHICOT, AR	1	0010206629	WSBD448	N
T-Mobile License LLC	D05017	CHICOT, AR	2	0010206629	WSBD449	N
T-Mobile License LLC	D05017	CHICOT, AR	3	0010206629	WSBD450	N
T-Mobile License LLC	D05019	CLARK, AR	1	0010206629	WSBD451	N
T-Mobile License LLC	D05019	CLARK, AR	2	0010206629	WSBD452	N
T-Mobile License LLC	D05019	CLARK, AR	3	0010206629	WSBD453	N
T-Mobile License LLC	D05021	CLAY, AR	1	0010206629	WSBD454	N
T-Mobile License LLC	D05021	CLAY, AR	2	0010206629	WSBD455	N
T-Mobile License LLC	D05021	CLAY, AR	3	0010206629	WSBD456	N
T-Mobile License LLC	D05023	CLEBURNE, AR	1	0010206629	WSBD457	N
T-Mobile License LLC	D05023	CLEBURNE, AR	2	0010206629	WSBD458	N
T-Mobile License LLC	D05023	CLEBURNE, AR	3	0010206629	WSBD459	N
T-Mobile License LLC	D05025	CLEVELAND, AR	1	0010206629	WSBD460	N
T-Mobile License LLC	D05025	CLEVELAND, AR	2	0010206629	WSBD461	N
T-Mobile License LLC	D05025	CLEVELAND, AR	3	0010206629	WSBD462	N
T-Mobile License LLC	D05029	CONWAY, AR	1	0010206629	WSBD463	N
T-Mobile License LLC	D05029	CONWAY, AR	2	0010206629	WSBD464	N
T-Mobile License LLC	D05029	CONWAY, AR	3	0010206629	WSBD465	N
T-Mobile License LLC	D05031	CRAIGHEAD, AR	1	0010206629	WSBD466	N
T-Mobile License LLC	D05031	CRAIGHEAD, AR	2	0010206629	WSBD467	N
T-Mobile License LLC	D05031	CRAIGHEAD, AR	3	0010206629	WSBD468	N
T-Mobile License LLC	D05035	CRITTENDEN, AR	1	0010206629	WSBD469	N
T-Mobile License LLC	D05035	CRITTENDEN, AR	2	0010206629	WSBD470	N
T-Mobile License LLC	D05035	CRITTENDEN, AR	3	0010206629	WSBD471	N
T-Mobile License LLC	D05039	DALLAS, AR	1	0010206629	WSBD472	N
T-Mobile License LLC	D05039	DALLAS, AR	2	0010206629	WSBD473	N
T-Mobile License LLC	D05039	DALLAS, AR	3	0010206629	WSBD474	N
T-Mobile License LLC	D05041	DESHA, AR	3	0010206629	WSBD475	N
T-Mobile License LLC	D05043	DREW, AR	1	0010206629	WSBD476	N
T-Mobile License LLC	D05043	DREW, AR	2	0010206629	WSBD477	N
T-Mobile License LLC	D05043	DREW, AR	3	0010206629	WSBD478	N

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T-Mobile License LLC	D05045	FAULKNER, AR	1	0010206629	WSBD479	N
T-Mobile License LLC	D05045	FAULKNER, AR	2	0010206629	WSBD480	N
T-Mobile License LLC	D05045	FAULKNER, AR	3	0010206629	WSBD481	N
T-Mobile License LLC	D05047	FRANKLIN, AR	1	0010206629	WSBD482	N
T-Mobile License LLC	D05047	FRANKLIN, AR	2	0010206629	WSBD483	N
T-Mobile License LLC	D05047	FRANKLIN, AR	3	0010206629	WSBD484	N
T-Mobile License LLC	D05049	FULTON, AR	1	0010206629	WSBD485	N
T-Mobile License LLC	D05049	FULTON, AR	2	0010206629	WSBD486	N
T-Mobile License LLC	D05049	FULTON, AR	3	0010206629	WSBD487	N
T-Mobile License LLC	D05053	GRANT, AR	1	0010206629	WSBD488	N
T-Mobile License LLC	D05053	GRANT, AR	2	0010206629	WSBD489	N
T-Mobile License LLC	D05053	GRANT, AR	3	0010206629	WSBD490	N
T-Mobile License LLC	D05057	HEMPSTEAD, AR	1	0010206629	WSBD491	N
T-Mobile License LLC	D05057	HEMPSTEAD, AR	2	0010206629	WSBD492	N
T-Mobile License LLC	D05057	HEMPSTEAD, AR	3	0010206629	WSBD493	N
T-Mobile License LLC	D05061	HOWARD, AR	1	0010206629	WSBD494	N
T-Mobile License LLC	D05061	HOWARD, AR	2	0010206629	WSBD495	N
T-Mobile License LLC	D05061	HOWARD, AR	3	0010206629	WSBD496	N
T-Mobile License LLC	D05063	INDEPENDENCE, AR	2	0010206629	WSBD497	N
T-Mobile License LLC	D05063	INDEPENDENCE, AR	3	0010206629	WSBD498	N
T-Mobile License LLC	D05065	IZARD, AR	1	0010206629	WSBD499	N
T-Mobile License LLC	D05065	IZARD, AR	2	0010206629	WSBD500	N
T-Mobile License LLC	D05065	IZARD, AR	3	0010206629	WSBD501	N
T-Mobile License LLC	D05067	JACKSON, AR	1	0010206629	WSBD502	N
T-Mobile License LLC	D05067	JACKSON, AR	2	0010206629	WSBD503	N
T-Mobile License LLC	D05067	JACKSON, AR	3	0010206629	WSBD504	N
T-Mobile License LLC	D05069	JEFFERSON, AR	2	0010206629	WSBD505	N
T-Mobile License LLC	D05069	JEFFERSON, AR	3	0010206629	WSBD506	N
T-Mobile License LLC	D05071	JOHNSON, AR	1	0010206629	WSBD507	N
T-Mobile License LLC	D05071	JOHNSON, AR	2	0010206629	WSBD508	N
T-Mobile License LLC	D05071	JOHNSON, AR	3	0010206629	WSBD509	N
T-Mobile License LLC	D05073	LAFAYETTE, AR	1	0010206629	WSBD510	N
T-Mobile License LLC	D05073	LAFAYETTE, AR	2	0010206629	WSBD511	N
T-Mobile License LLC	D05073	LAFAYETTE, AR	3	0010206629	WSBD512	N
T-Mobile License LLC	D05075	LAWRENCE, AR	1	0010206629	WSBD513	N
T-Mobile License LLC	D05075	LAWRENCE, AR	2	0010206629	WSBD514	N
T-Mobile License LLC	D05075	LAWRENCE, AR	3	0010206629	WSBD515	N
T-Mobile License LLC	D05081	LITTLE RIVER, AR	1	0010206629	WSBD516	N
T-Mobile License LLC	D05081	LITTLE RIVER, AR	2	0010206629	WSBD517	N
T-Mobile License LLC	D05083	LOGAN, AR	1	0010206629	WSBD518	N
T-Mobile License LLC	D05083	LOGAN, AR	2	0010206629	WSBD519	N
T-Mobile License LLC	D05083	LOGAN, AR	3	0010206629	WSBD520	N
T-Mobile License LLC	D05085	LONOKE, AR	1	0010206629	WSBD521	N
T-Mobile License LLC	D05085	LONOKE, AR	2	0010206629	WSBD522	N
T-Mobile License LLC	D05085	LONOKE, AR	3	0010206629	WSBD523	N

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T-Mobile License LLC	D05087	MADISON, AR	1	0010206629	WSBD524	N
T-Mobile License LLC	D05087	MADISON, AR	2	0010206629	WSBD525	N
T-Mobile License LLC	D05087	MADISON, AR	3	0010206629	WSBD526	N
T-Mobile License LLC	D05089	MARION, AR	1	0010206629	WSBD527	N
T-Mobile License LLC	D05089	MARION, AR	2	0010206629	WSBD528	N
T-Mobile License LLC	D05089	MARION, AR	3	0010206629	WSBD529	N
T-Mobile License LLC	D05091	MILLER, AR	1	0010206629	WSBD530	N
T-Mobile License LLC	D05091	MILLER, AR	2	0010206629	WSBD531	N
T-Mobile License LLC	D05093	MISSISSIPPI, AR	1	0010206629	WSBD532	N
T-Mobile License LLC	D05093	MISSISSIPPI, AR	2	0010206629	WSBD533	N
T-Mobile License LLC	D05093	MISSISSIPPI, AR	3	0010206629	WSBD534	N
T-Mobile License LLC	D05095	MONROE, AR	1	0010206629	WSBD535	N
T-Mobile License LLC	D05095	MONROE, AR	2	0010206629	WSBD536	N
T-Mobile License LLC	D05095	MONROE, AR	3	0010206629	WSBD537	N
T-Mobile License LLC	D05097	MONTGOMERY, AR	1	0010206629	WSBD538	N
T-Mobile License LLC	D05097	MONTGOMERY, AR	2	0010206629	WSBD539	N
T-Mobile License LLC	D05097	MONTGOMERY, AR	3	0010206629	WSBD540	N
T-Mobile License LLC	D05099	NEVADA, AR	1	0010206629	WSBD541	N
T-Mobile License LLC	D05099	NEVADA, AR	2	0010206629	WSBD542	N
T-Mobile License LLC	D05099	NEVADA, AR	3	0010206629	WSBD543	N
T-Mobile License LLC	D05101	NEWTON, AR	1	0010206629	WSBD544	N
T-Mobile License LLC	D05101	NEWTON, AR	2	0010206629	WSBD545	N
T-Mobile License LLC	D05101	NEWTON, AR	3	0010206629	WSBD546	N
T-Mobile License LLC	D05103	OUACHITA, AR	1	0010206629	WSBD547	N
T-Mobile License LLC	D05103	OUACHITA, AR	2	0010206629	WSBD548	N
T-Mobile License LLC	D05103	OUACHITA, AR	3	0010206629	WSBD549	N
T-Mobile License LLC	D05105	PERRY, AR	1	0010206629	WSBD550	N
T-Mobile License LLC	D05105	PERRY, AR	2	0010206629	WSBD551	N
T-Mobile License LLC	D05105	PERRY, AR	3	0010206629	WSBD552	N
T-Mobile License LLC	D05107	PHILLIPS, AR	1	0010206629	WSBD553	N
T-Mobile License LLC	D05107	PHILLIPS, AR	2	0010206629	WSBD554	N
T-Mobile License LLC	D05107	PHILLIPS, AR	3	0010206629	WSBD555	N
T-Mobile License LLC	D05109	PIKE, AR	1	0010206629	WSBD556	N
T-Mobile License LLC	D05109	PIKE, AR	2	0010206629	WSBD557	N
T-Mobile License LLC	D05109	PIKE, AR	3	0010206629	WSBD558	N
T-Mobile License LLC	D05111	POINSETT, AR	1	0010206629	WSBD559	N
T-Mobile License LLC	D05111	POINSETT, AR	2	0010206629	WSBD560	N
T-Mobile License LLC	D05111	POINSETT, AR	3	0010206629	WSBD561	N
T-Mobile License LLC	D05113	POLK, AR	1	0010206629	WSBD562	N
T-Mobile License LLC	D05113	POLK, AR	2	0010206629	WSBD563	N
T-Mobile License LLC	D05113	POLK, AR	3	0010206629	WSBD564	N
T-Mobile License LLC	D05115	POPE, AR	1	0010206629	WSBD565	N
T-Mobile License LLC	D05115	POPE, AR	2	0010206629	WSBD566	N
T-Mobile License LLC	D05115	POPE, AR	3	0010206629	WSBD567	N
T-Mobile License LLC	D05117	PRAIRIE, AR	1	0010206629	WSBD568	N

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T-Mobile License LLC	D05117	PRAIRIE, AR	2	0010206629	WSBD569	N
T-Mobile License LLC	D05117	PRAIRIE, AR	3	0010206629	WSBD570	N
T-Mobile License LLC	D05119	PULASKI, AR	2	0010206629	WSBD571	N
T-Mobile License LLC	D05119	PULASKI, AR	3	0010206629	WSBD572	N
T-Mobile License LLC	D05121	RANDOLPH, AR	1	0010206629	WSBD573	N
T-Mobile License LLC	D05121	RANDOLPH, AR	2	0010206629	WSBD574	N
T-Mobile License LLC	D05121	RANDOLPH, AR	3	0010206629	WSBD575	N
T-Mobile License LLC	D05125	SALINE, AR	2	0010206629	WSBD576	N
T-Mobile License LLC	D05125	SALINE, AR	3	0010206629	WSBD577	N
T-Mobile License LLC	D05127	SCOTT, AR	1	0010206629	WSBD578	N
T-Mobile License LLC	D05127	SCOTT, AR	2	0010206629	WSBD579	N
T-Mobile License LLC	D05127	SCOTT, AR	3	0010206629	WSBD580	N
T-Mobile License LLC	D05129	SEARCY, AR	1	0010206629	WSBD581	N
T-Mobile License LLC	D05129	SEARCY, AR	2	0010206629	WSBD582	N
T-Mobile License LLC	D05129	SEARCY, AR	3	0010206629	WSBD583	N
T-Mobile License LLC	D05131	SEBASTIAN, AR	1	0010206629	WSBD584	N
T-Mobile License LLC	D05131	SEBASTIAN, AR	2	0010206629	WSBD585	N
T-Mobile License LLC	D05131	SEBASTIAN, AR	3	0010206629	WSBD586	N
T-Mobile License LLC	D05133	SEVIER, AR	1	0010206629	WSBD587	N
T-Mobile License LLC	D05133	SEVIER, AR	2	0010206629	WSBD588	N
T-Mobile License LLC	D05133	SEVIER, AR	3	0010206629	WSBD589	N
T-Mobile License LLC	D05135	SHARP, AR	1	0010206629	WSBD590	N
T-Mobile License LLC	D05135	SHARP, AR	2	0010206629	WSBD591	N
T-Mobile License LLC	D05135	SHARP, AR	3	0010206629	WSBD592	N
T-Mobile License LLC	D05137	STONE, AR	1	0010206629	WSBD593	N
T-Mobile License LLC	D05137	STONE, AR	2	0010206629	WSBD594	N
T-Mobile License LLC	D05137	STONE, AR	3	0010206629	WSBD595	N
T-Mobile License LLC	D05139	UNION, AR	1	0010206629	WSBD596	N
T-Mobile License LLC	D05139	UNION, AR	2	0010206629	WSBD597	N
T-Mobile License LLC	D05139	UNION, AR	3	0010206629	WSBD598	N
T-Mobile License LLC	D05141	VAN BUREN, AR	1	0010206629	WSBD599	N
T-Mobile License LLC	D05141	VAN BUREN, AR	2	0010206629	WSBD600	N
T-Mobile License LLC	D05141	VAN BUREN, AR	3	0010206629	WSBD601	N
T-Mobile License LLC	D05149	YELL, AR	1	0010206629	WSBD602	N
T-Mobile License LLC	D05149	YELL, AR	2	0010206629	WSBD603	N
T-Mobile License LLC	D05149	YELL, AR	3	0010206629	WSBD604	N
T-Mobile License LLC	D06003	ALPINE, CA	1	0010206629	WSBD605	N
T-Mobile License LLC	D06003	ALPINE, CA	2	0010206629	WSBD606	N
T-Mobile License LLC	D06003	ALPINE, CA	3	0010206629	WSBD607	N
T-Mobile License LLC	D06005	AMADOR, CA	1	0010206629	WSBD608	N
T-Mobile License LLC	D06005	AMADOR, CA	2	0010206629	WSBD609	N
T-Mobile License LLC	D06005	AMADOR, CA	3	0010206629	WSBD610	N
T-Mobile License LLC	D06007	BUTTE, CA	1	0010206629	WSBD611	N
T-Mobile License LLC	D06007	BUTTE, CA	2	0010206629	WSBD612	N
T-Mobile License LLC	D06007	BUTTE, CA	3	0010206629	WSBD613	N

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T-Mobile License LLC	D06009	CALAVERAS, CA	1	0010206629	WSBD614	N
T-Mobile License LLC	D06009	CALAVERAS, CA	2	0010206629	WSBD615	N
T-Mobile License LLC	D06009	CALAVERAS, CA	3	0010206629	WSBD616	N
T-Mobile License LLC	D06011	COLUSA, CA	1	0010206629	WSBD617	N
T-Mobile License LLC	D06011	COLUSA, CA	2	0010206629	WSBD618	N
T-Mobile License LLC	D06011	COLUSA, CA	3	0010206629	WSBD619	N
T-Mobile License LLC	D06013	CONTRA COSTA, CA	1	0010206629	WSBD620	N
T-Mobile License LLC	D06013	CONTRA COSTA, CA	2	0010206629	WSBD621	N
T-Mobile License LLC	D06015	DEL NORTE, CA	1	0010206629	WSBD622	N
T-Mobile License LLC	D06015	DEL NORTE, CA	2	0010206629	WSBD623	N
T-Mobile License LLC	D06015	DEL NORTE, CA	3	0010206629	WSBD624	N
T-Mobile License LLC	D06017	EL DORADO, CA	1	0010206629	WSBD625	N
T-Mobile License LLC	D06017	EL DORADO, CA	2	0010206629	WSBD626	N
T-Mobile License LLC	D06017	EL DORADO, CA	3	0010206629	WSBD627	N
T-Mobile License LLC	D06019	FRESNO, CA	1	0010206629	WSBD628	N
T-Mobile License LLC	D06019	FRESNO, CA	2	0010206629	WSBD629	N
T-Mobile License LLC	D06019	FRESNO, CA	3	0010206629	WSBD630	N
T-Mobile License LLC	D06021	GLENN, CA	1	0010206629	WSBD631	N
T-Mobile License LLC	D06021	GLENN, CA	2	0010206629	WSBD632	N
T-Mobile License LLC	D06021	GLENN, CA	3	0010206629	WSBD633	N
T-Mobile License LLC	D06023	HUMBOLDT, CA	1	0010206629	WSBD634	N
T-Mobile License LLC	D06023	HUMBOLDT, CA	2	0010206629	WSBD635	N
T-Mobile License LLC	D06023	HUMBOLDT, CA	3	0010206629	WSBD636	N
T-Mobile License LLC	D06025	IMPERIAL, CA	1	0010206629	WSBD637	N
T-Mobile License LLC	D06025	IMPERIAL, CA	2	0010206629	WSBD638	N
T-Mobile License LLC	D06025	IMPERIAL, CA	3	0010206629	WSBD639	N
T-Mobile License LLC	D06027	INYO, CA	1	0010206629	WSBD640	N
T-Mobile License LLC	D06027	INYO, CA	2	0010206629	WSBD641	N
T-Mobile License LLC	D06027	INYO, CA	3	0010206629	WSBD642	N
T-Mobile License LLC	D06029	KERN, CA	1	0010206629	WSBD643	N
T-Mobile License LLC	D06029	KERN, CA	2	0010206629	WSBD644	N
T-Mobile License LLC	D06029	KERN, CA	3	0010206629	WSBD645	N
T-Mobile License LLC	D06031	KINGS, CA	2	0010206629	WSBD646	N
T-Mobile License LLC	D06033	LAKE, CA	1	0010206629	WSBD647	N
T-Mobile License LLC	D06033	LAKE, CA	2	0010206629	WSBD648	N
T-Mobile License LLC	D06033	LAKE, CA	3	0010206629	WSBD649	N
T-Mobile License LLC	D06035	LASSEN, CA	2	0010206629	WSBD650	N
T-Mobile License LLC	D06035	LASSEN, CA	3	0010206629	WSBD651	N
T-Mobile License LLC	D06037	LOS ANGELES, CA	2	0010206629	WSBD652	N
T-Mobile License LLC	D06037	LOS ANGELES, CA	3	0010206629	WSBD653	N
T-Mobile License LLC	D06039	MADERA, CA	2	0010206629	WSBD654	N
T-Mobile License LLC	D06039	MADERA, CA	3	0010206629	WSBD655	N
T-Mobile License LLC	D06041	MARIN, CA	1	0010206629	WSBD656	N
T-Mobile License LLC	D06041	MARIN, CA	2	0010206629	WSBD657	N
T-Mobile License LLC	D06043	MARIPOSA, CA	1	0010206629	WSBD658	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D06043	MARIPOSA, CA	2	0010206629	WSBD659	N
T-Mobile License LLC	D06043	MARIPOSA, CA	3	0010206629	WSBD660	N
T-Mobile License LLC	D06045	MENDOCINO, CA	1	0010206629	WSBD661	N
T-Mobile License LLC	D06045	MENDOCINO, CA	2	0010206629	WSBD662	N
T-Mobile License LLC	D06045	MENDOCINO, CA	3	0010206629	WSBD663	N
T-Mobile License LLC	D06047	MERCED, CA	1	0010206629	WSBD664	N
T-Mobile License LLC	D06047	MERCED, CA	2	0010206629	WSBD665	N
T-Mobile License LLC	D06047	MERCED, CA	3	0010206629	WSBD666	N
T-Mobile License LLC	D06049	MODOC, CA	2	0010206629	WSBD667	N
T-Mobile License LLC	D06049	MODOC, CA	3	0010206629	WSBD668	N
T-Mobile License LLC	D06051	MONO, CA	1	0010206629	WSBD669	N
T-Mobile License LLC	D06051	MONO, CA	2	0010206629	WSBD670	N
T-Mobile License LLC	D06051	MONO, CA	3	0010206629	WSBD671	N
T-Mobile License LLC	D06053	MONTEREY, CA	1	0010206629	WSBD672	N
T-Mobile License LLC	D06053	MONTEREY, CA	2	0010206629	WSBD673	N
T-Mobile License LLC	D06053	MONTEREY, CA	3	0010206629	WSBD674	N
T-Mobile License LLC	D06055	NAPA, CA	1	0010206629	WSBD675	N
T-Mobile License LLC	D06055	NAPA, CA	3	0010206629	WSBD676	N
T-Mobile License LLC	D06057	NEVADA, CA	1	0010206629	WSBD677	N
T-Mobile License LLC	D06057	NEVADA, CA	2	0010206629	WSBD678	N
T-Mobile License LLC	D06057	NEVADA, CA	3	0010206629	WSBD679	N
T-Mobile License LLC	D06061	PLACER, CA	1	0010206629	WSBD680	N
T-Mobile License LLC	D06061	PLACER, CA	2	0010206629	WSBD681	N
T-Mobile License LLC	D06061	PLACER, CA	3	0010206629	WSBD682	N
T-Mobile License LLC	D06063	PLUMAS, CA	2	0010206629	WSBD683	N
T-Mobile License LLC	D06063	PLUMAS, CA	3	0010206629	WSBD684	N
T-Mobile License LLC	D06065	RIVERSIDE, CA	2	0010206629	WSBD685	N
T-Mobile License LLC	D06065	RIVERSIDE, CA	3	0010206629	WSBD686	N
T-Mobile License LLC	D06069	SAN BENITO, CA	2	0010206629	WSBD687	N
T-Mobile License LLC	D06069	SAN BENITO, CA	3	0010206629	WSBD688	N
T-Mobile License LLC	D06071	SAN BERNARDINO, CA	1	0010206629	WSBD689	N
T-Mobile License LLC	D06071	SAN BERNARDINO, CA	2	0010206629	WSBD690	N
T-Mobile License LLC	D06071	SAN BERNARDINO, CA	3	0010206629	WSBD691	N
T-Mobile License LLC	D06073	SAN DIEGO, CA	3	0010206629	WSBD692	N
T-Mobile License LLC	D06077	SAN JOAQUIN, CA	1	0010206629	WSBD693	N
T-Mobile License LLC	D06077	SAN JOAQUIN, CA	2	0010206629	WSBD694	N
T-Mobile License LLC	D06077	SAN JOAQUIN, CA	3	0010206629	WSBD695	N
T-Mobile License LLC	D06079	SAN LUIS OBISPO, CA	1	0010206629	WSBD696	N
T-Mobile License LLC	D06079	SAN LUIS OBISPO, CA	2	0010206629	WSBD697	N
T-Mobile License LLC	D06079	SAN LUIS OBISPO, CA	3	0010206629	WSBD698	N
T-Mobile License LLC	D06081	SAN MATEO, CA	1	0010206629	WSBD699	N
T-Mobile License LLC	D06081	SAN MATEO, CA	2	0010206629	WSBD700	N
T-Mobile License LLC	D06081	SAN MATEO, CA	3	0010206629	WSBD701	N
T-Mobile License LLC	D06083	SANTA BARBARA, CA	1	0010206629	WSBD702	N
T-Mobile License LLC	D06083	SANTA BARBARA, CA	2	0010206629	WSBD703	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D06083	SANTA BARBARA, CA	3	0010206629	WSBD704	N
T-Mobile License LLC	D06085	SANTA CLARA, CA	1	0010206629	WSBD705	N
T-Mobile License LLC	D06085	SANTA CLARA, CA	2	0010206629	WSBD706	N
T-Mobile License LLC	D06087	SANTA CRUZ, CA	1	0010206629	WSBD707	N
T-Mobile License LLC	D06087	SANTA CRUZ, CA	2	0010206629	WSBD708	N
T-Mobile License LLC	D06087	SANTA CRUZ, CA	3	0010206629	WSBD709	N
T-Mobile License LLC	D06089	SHASTA, CA	2	0010206629	WSBD710	N
T-Mobile License LLC	D06089	SHASTA, CA	3	0010206629	WSBD711	N
T-Mobile License LLC	D06091	SIERRA, CA	1	0010206629	WSBD712	N
T-Mobile License LLC	D06091	SIERRA, CA	2	0010206629	WSBD713	N
T-Mobile License LLC	D06091	SIERRA, CA	3	0010206629	WSBD714	N
T-Mobile License LLC	D06093	SISKIYOU, CA	2	0010206629	WSBD715	N
T-Mobile License LLC	D06093	SISKIYOU, CA	3	0010206629	WSBD716	N
T-Mobile License LLC	D06095	SOLANO, CA	1	0010206629	WSBD717	N
T-Mobile License LLC	D06095	SOLANO, CA	2	0010206629	WSBD718	N
T-Mobile License LLC	D06097	SONOMA, CA	1	0010206629	WSBD719	N
T-Mobile License LLC	D06097	SONOMA, CA	2	0010206629	WSBD720	N
T-Mobile License LLC	D06097	SONOMA, CA	3	0010206629	WSBD721	N
T-Mobile License LLC	D06099	STANISLAUS, CA	1	0010206629	WSBD722	N
T-Mobile License LLC	D06099	STANISLAUS, CA	2	0010206629	WSBD723	N
T-Mobile License LLC	D06103	TEHAMA, CA	1	0010206629	WSBD724	N
T-Mobile License LLC	D06103	TEHAMA, CA	2	0010206629	WSBD725	N
T-Mobile License LLC	D06103	TEHAMA, CA	3	0010206629	WSBD726	N
T-Mobile License LLC	D06105	TRINITY, CA	1	0010206629	WSBD727	N
T-Mobile License LLC	D06105	TRINITY, CA	2	0010206629	WSBD728	N
T-Mobile License LLC	D06105	TRINITY, CA	3	0010206629	WSBD729	N
T-Mobile License LLC	D06107	TULARE, CA	2	0010206629	WSBD730	N
T-Mobile License LLC	D06107	TULARE, CA	3	0010206629	WSBD731	N
T-Mobile License LLC	D06109	TUOLUMNE, CA	2	0010206629	WSBD732	N
T-Mobile License LLC	D06109	TUOLUMNE, CA	3	0010206629	WSBD733	N
T-Mobile License LLC	D06111	VENTURA, CA	1	0010206629	WSBD734	N
T-Mobile License LLC	D06111	VENTURA, CA	2	0010206629	WSBD735	N
T-Mobile License LLC	D06111	VENTURA, CA	3	0010206629	WSBD736	N
T-Mobile License LLC	D06113	YOLO, CA	1	0010206629	WSBD737	N
T-Mobile License LLC	D06113	YOLO, CA	2	0010206629	WSBD738	N
T-Mobile License LLC	D06113	YOLO, CA	3	0010206629	WSBD739	N
T-Mobile License LLC	D06115	YUBA, CA	1	0010206629	WSBD740	N
T-Mobile License LLC	D06115	YUBA, CA	2	0010206629	WSBD741	N
T-Mobile License LLC	D06115	YUBA, CA	3	0010206629	WSBD742	N
T-Mobile License LLC	D08001	ADAMS, CO	1	0010206629	WSBD743	N
T-Mobile License LLC	D08001	ADAMS, CO	2	0010206629	WSBD744	N
T-Mobile License LLC	D08001	ADAMS, CO	3	0010206629	WSBD745	N
T-Mobile License LLC	D08003	ALAMOSA, CO	1	0010206629	WSBD746	N
T-Mobile License LLC	D08003	ALAMOSA, CO	2	0010206629	WSBD747	N
T-Mobile License LLC	D08003	ALAMOSA, CO	3	0010206629	WSBD748	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D08005	ARAPAHOE, CO	1	0010206629	WSBD749	N
T-Mobile License LLC	D08005	ARAPAHOE, CO	2	0010206629	WSBD750	N
T-Mobile License LLC	D08005	ARAPAHOE, CO	3	0010206629	WSBD751	N
T-Mobile License LLC	D08007	ARCHULETA, CO	1	0010206629	WSBD752	N
T-Mobile License LLC	D08007	ARCHULETA, CO	2	0010206629	WSBD753	N
T-Mobile License LLC	D08007	ARCHULETA, CO	3	0010206629	WSBD754	N
T-Mobile License LLC	D08009	BACA, CO	2	0010206629	WSBD755	N
T-Mobile License LLC	D08009	BACA, CO	3	0010206629	WSBD756	N
T-Mobile License LLC	D08011	BENT, CO	2	0010206629	WSBD757	N
T-Mobile License LLC	D08011	BENT, CO	3	0010206629	WSBD758	N
T-Mobile License LLC	D08013	BOULDER, CO	1	0010206629	WSBD759	N
T-Mobile License LLC	D08013	BOULDER, CO	2	0010206629	WSBD760	N
T-Mobile License LLC	D08015	CHAFFEE, CO	1	0010206629	WSBD761	N
T-Mobile License LLC	D08015	CHAFFEE, CO	2	0010206629	WSBD762	N
T-Mobile License LLC	D08015	CHAFFEE, CO	3	0010206629	WSBD763	N
T-Mobile License LLC	D08017	CHEYENNE, CO	1	0010206629	WSBD764	N
T-Mobile License LLC	D08017	CHEYENNE, CO	2	0010206629	WSBD765	N
T-Mobile License LLC	D08017	CHEYENNE, CO	3	0010206629	WSBD766	N
T-Mobile License LLC	D08019	CLEAR CREEK, CO	1	0010206629	WSBD767	N
T-Mobile License LLC	D08019	CLEAR CREEK, CO	2	0010206629	WSBD768	N
T-Mobile License LLC	D08019	CLEAR CREEK, CO	3	0010206629	WSBD769	N
T-Mobile License LLC	D08021	CONEJOS, CO	2	0010206629	WSBD770	N
T-Mobile License LLC	D08021	CONEJOS, CO	3	0010206629	WSBD771	N
T-Mobile License LLC	D08023	COSTILLA, CO	2	0010206629	WSBD772	N
T-Mobile License LLC	D08023	COSTILLA, CO	3	0010206629	WSBD773	N
T-Mobile License LLC	D08025	CROWLEY, CO	2	0010206629	WSBD774	N
T-Mobile License LLC	D08025	CROWLEY, CO	3	0010206629	WSBD775	N
T-Mobile License LLC	D08027	CUSTER, CO	1	0010206629	WSBD776	N
T-Mobile License LLC	D08027	CUSTER, CO	2	0010206629	WSBD777	N
T-Mobile License LLC	D08027	CUSTER, CO	3	0010206629	WSBD778	N
T-Mobile License LLC	D08029	DELTA, CO	2	0010206629	WSBD779	N
T-Mobile License LLC	D08029	DELTA, CO	3	0010206629	WSBD780	N
T-Mobile License LLC	D08031	DENVER, CO	1	0010206629	WSBD781	N
T-Mobile License LLC	D08031	DENVER, CO	2	0010206629	WSBD782	N
T-Mobile License LLC	D08031	DENVER, CO	3	0010206629	WSBD783	N
T-Mobile License LLC	D08033	DOLORES, CO	2	0010206629	WSBD784	N
T-Mobile License LLC	D08033	DOLORES, CO	3	0010206629	WSBD785	N
T-Mobile License LLC	D08035	DOUGLAS, CO	1	0010206629	WSBD786	N
T-Mobile License LLC	D08035	DOUGLAS, CO	2	0010206629	WSBD787	N
T-Mobile License LLC	D08035	DOUGLAS, CO	3	0010206629	WSBD788	N
T-Mobile License LLC	D08037	EAGLE, CO	2	0010206629	WSBD789	N
T-Mobile License LLC	D08037	EAGLE, CO	3	0010206629	WSBD790	N
T-Mobile License LLC	D08039	ELBERT, CO	1	0010206629	WSBD791	N
T-Mobile License LLC	D08039	ELBERT, CO	2	0010206629	WSBD792	N
T-Mobile License LLC	D08039	ELBERT, CO	3	0010206629	WSBD793	N

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T-Mobile License LLC	D08041	EL PASO, CO	2	0010206629	WSBD794	N
T-Mobile License LLC	D08041	EL PASO, CO	3	0010206629	WSBD795	N
T-Mobile License LLC	D08045	GARFIELD, CO	1	0010206629	WSBD796	N
T-Mobile License LLC	D08045	GARFIELD, CO	2	0010206629	WSBD797	N
T-Mobile License LLC	D08045	GARFIELD, CO	3	0010206629	WSBD798	N
T-Mobile License LLC	D08049	GRAND, CO	2	0010206629	WSBD799	N
T-Mobile License LLC	D08049	GRAND, CO	3	0010206629	WSBD800	N
T-Mobile License LLC	D08051	GUNNISON, CO	1	0010206629	WSBD801	N
T-Mobile License LLC	D08051	GUNNISON, CO	2	0010206629	WSBD802	N
T-Mobile License LLC	D08051	GUNNISON, CO	3	0010206629	WSBD803	N
T-Mobile License LLC	D08053	HINSDALE, CO	1	0010206629	WSBD804	N
T-Mobile License LLC	D08053	HINSDALE, CO	2	0010206629	WSBD805	N
T-Mobile License LLC	D08053	HINSDALE, CO	3	0010206629	WSBD806	N
T-Mobile License LLC	D08055	HUERFANO, CO	2	0010206629	WSBD807	N
T-Mobile License LLC	D08055	HUERFANO, CO	3	0010206629	WSBD808	N
T-Mobile License LLC	D08057	JACKSON, CO	2	0010206629	WSBD809	N
T-Mobile License LLC	D08057	JACKSON, CO	3	0010206629	WSBD810	N
T-Mobile License LLC	D08059	JEFFERSON, CO	1	0010206629	WSBD811	N
T-Mobile License LLC	D08059	JEFFERSON, CO	2	0010206629	WSBD812	N
T-Mobile License LLC	D08059	JEFFERSON, CO	3	0010206629	WSBD813	N
T-Mobile License LLC	D08061	KIOWA, CO	2	0010206629	WSBD814	N
T-Mobile License LLC	D08061	KIOWA, CO	3	0010206629	WSBD815	N
T-Mobile License LLC	D08063	KIT CARSON, CO	1	0010206629	WSBD816	N
T-Mobile License LLC	D08063	KIT CARSON, CO	2	0010206629	WSBD817	N
T-Mobile License LLC	D08063	KIT CARSON, CO	3	0010206629	WSBD818	N
T-Mobile License LLC	D08065	LAKE, CO	2	0010206629	WSBD819	N
T-Mobile License LLC	D08065	LAKE, CO	3	0010206629	WSBD820	N
T-Mobile License LLC	D08067	LA PLATA, CO	2	0010206629	WSBD821	N
T-Mobile License LLC	D08067	LA PLATA, CO	3	0010206629	WSBD822	N
T-Mobile License LLC	D08069	LARIMER, CO	1	0010206629	WSBD823	N
T-Mobile License LLC	D08069	LARIMER, CO	2	0010206629	WSBD824	N
T-Mobile License LLC	D08069	LARIMER, CO	3	0010206629	WSBD825	N
T-Mobile License LLC	D08071	LAS ANIMAS, CO	2	0010206629	WSBD826	N
T-Mobile License LLC	D08071	LAS ANIMAS, CO	3	0010206629	WSBD827	N
T-Mobile License LLC	D08073	LINCOLN, CO	2	0010206629	WSBD828	N
T-Mobile License LLC	D08073	LINCOLN, CO	3	0010206629	WSBD829	N
T-Mobile License LLC	D08075	LOGAN, CO	1	0010206629	WSBD830	N
T-Mobile License LLC	D08075	LOGAN, CO	2	0010206629	WSBD831	N
T-Mobile License LLC	D08075	LOGAN, CO	3	0010206629	WSBD832	N
T-Mobile License LLC	D08077	MESA, CO	2	0010206629	WSBD833	N
T-Mobile License LLC	D08077	MESA, CO	3	0010206629	WSBD834	N
T-Mobile License LLC	D08079	MINERAL, CO	1	0010206629	WSBD835	N
T-Mobile License LLC	D08079	MINERAL, CO	2	0010206629	WSBD836	N
T-Mobile License LLC	D08079	MINERAL, CO	3	0010206629	WSBD837	N
T-Mobile License LLC	D08081	MOFFAT, CO	2	0010206629	WSBD838	N

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T-Mobile License LLC	D08081	MOFFAT, CO	3	0010206629	WSBD839	N
T-Mobile License LLC	D08083	MONTEZUMA, CO	1	0010206629	WSBD840	N
T-Mobile License LLC	D08083	MONTEZUMA, CO	2	0010206629	WSBD841	N
T-Mobile License LLC	D08085	MONTROSE, CO	2	0010206629	WSBD842	N
T-Mobile License LLC	D08085	MONTROSE, CO	3	0010206629	WSBD843	N
T-Mobile License LLC	D08087	MORGAN, CO	1	0010206629	WSBD844	N
T-Mobile License LLC	D08087	MORGAN, CO	2	0010206629	WSBD845	N
T-Mobile License LLC	D08087	MORGAN, CO	3	0010206629	WSBD846	N
T-Mobile License LLC	D08089	OTERO, CO	2	0010206629	WSBD847	N
T-Mobile License LLC	D08089	OTERO, CO	3	0010206629	WSBD848	N
T-Mobile License LLC	D08091	OURAY, CO	2	0010206629	WSBD849	N
T-Mobile License LLC	D08091	OURAY, CO	3	0010206629	WSBD850	N
T-Mobile License LLC	D08093	PARK, CO	2	0010206629	WSBD851	N
T-Mobile License LLC	D08093	PARK, CO	3	0010206629	WSBD852	N
T-Mobile License LLC	D08095	PHILLIPS, CO	1	0010206629	WSBD853	N
T-Mobile License LLC	D08095	PHILLIPS, CO	2	0010206629	WSBD854	N
T-Mobile License LLC	D08095	PHILLIPS, CO	3	0010206629	WSBD855	N
T-Mobile License LLC	D08097	PITKIN, CO	2	0010206629	WSBD856	N
T-Mobile License LLC	D08097	PITKIN, CO	3	0010206629	WSBD857	N
T-Mobile License LLC	D08099	PROWERS, CO	1	0010206629	WSBD858	N
T-Mobile License LLC	D08099	PROWERS, CO	2	0010206629	WSBD859	N
T-Mobile License LLC	D08099	PROWERS, CO	3	0010206629	WSBD860	N
T-Mobile License LLC	D08101	PUEBLO, CO	3	0010206629	WSBD861	N
T-Mobile License LLC	D08103	RIO BLANCO, CO	1	0010206629	WSBD862	N
T-Mobile License LLC	D08103	RIO BLANCO, CO	2	0010206629	WSBD863	N
T-Mobile License LLC	D08103	RIO BLANCO, CO	3	0010206629	WSBD864	N
T-Mobile License LLC	D08105	RIO GRANDE, CO	1	0010206629	WSBD865	N
T-Mobile License LLC	D08105	RIO GRANDE, CO	2	0010206629	WSBD866	N
T-Mobile License LLC	D08105	RIO GRANDE, CO	3	0010206629	WSBD867	N
T-Mobile License LLC	D08107	ROUTT, CO	2	0010206629	WSBD868	N
T-Mobile License LLC	D08107	ROUTT, CO	3	0010206629	WSBD869	N
T-Mobile License LLC	D08109	SAGUACHE, CO	1	0010206629	WSBD870	N
T-Mobile License LLC	D08109	SAGUACHE, CO	2	0010206629	WSBD871	N
T-Mobile License LLC	D08109	SAGUACHE, CO	3	0010206629	WSBD872	N
T-Mobile License LLC	D08111	SAN JUAN, CO	1	0010206629	WSBD873	N
T-Mobile License LLC	D08111	SAN JUAN, CO	2	0010206629	WSBD874	N
T-Mobile License LLC	D08111	SAN JUAN, CO	3	0010206629	WSBD875	N
T-Mobile License LLC	D08113	SAN MIGUEL, CO	2	0010206629	WSBD876	N
T-Mobile License LLC	D08113	SAN MIGUEL, CO	3	0010206629	WSBD877	N
T-Mobile License LLC	D08115	SEDGWICK, CO	1	0010206629	WSBD878	N
T-Mobile License LLC	D08115	SEDGWICK, CO	2	0010206629	WSBD879	N
T-Mobile License LLC	D08115	SEDGWICK, CO	3	0010206629	WSBD880	N
T-Mobile License LLC	D08117	SUMMIT, CO	2	0010206629	WSBD881	N
T-Mobile License LLC	D08117	SUMMIT, CO	3	0010206629	WSBD882	N
T-Mobile License LLC	D08119	TELLER, CO	1	0010206629	WSBD883	N
T-Mobile License LLC	D08119	TELLER, CO	2	0010206629	WSBD884	N
T-Mobile License LLC	D08119	TELLER, CO	3	0010206629	WSBD885	N
T-Mobile License LLC	D08121	WASHINGTON, CO	1	0010206629	WSBD886	N
T-Mobile License LLC	D08121	WASHINGTON, CO	2	0010206629	WSBD887	N
T-Mobile License LLC	D08121	WASHINGTON, CO	3	0010206629	WSBD888	N
T-Mobile License LLC	D08123	WELD, CO	1	0010206629	WSBD889	N

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T-Mobile License LLC	D08123	WELD, CO	2	0010206629	WSBD890	N
T-Mobile License LLC	D08123	WELD, CO	3	0010206629	WSBD891	N
T-Mobile License LLC	D08125	YUMA, CO	1	0010206629	WSBD892	N
T-Mobile License LLC	D08125	YUMA, CO	2	0010206629	WSBD893	N
T-Mobile License LLC	D08125	YUMA, CO	3	0010206629	WSBD894	N
T-Mobile License LLC	D09001	FAIRFIELD, CT	1	0010206629	WSBD895	N
T-Mobile License LLC	D09001	FAIRFIELD, CT	2	0010206629	WSBD896	N
T-Mobile License LLC	D09003	HARTFORD, CT	2	0010206629	WSBD897	N
T-Mobile License LLC	D09003	HARTFORD, CT	3	0010206629	WSBD898	N
T-Mobile License LLC	D09005	LITCHFIELD, CT	2	0010206629	WSBD899	N
T-Mobile License LLC	D09005	LITCHFIELD, CT	3	0010206629	WSBD900	N
T-Mobile License LLC	D09007	MIDDLESEX, CT	1	0010206629	WSBD901	N
T-Mobile License LLC	D09007	MIDDLESEX, CT	2	0010206629	WSBD902	N
T-Mobile License LLC	D09007	MIDDLESEX, CT	3	0010206629	WSBD903	N
T-Mobile License LLC	D09009	NEW HAVEN, CT	2	0010206629	WSBD904	N
T-Mobile License LLC	D09009	NEW HAVEN, CT	3	0010206629	WSBD905	N
T-Mobile License LLC	D09011	NEW LONDON, CT	1	0010206629	WSBD906	N
T-Mobile License LLC	D09011	NEW LONDON, CT	2	0010206629	WSBD907	N
T-Mobile License LLC	D09011	NEW LONDON, CT	3	0010206629	WSBD908	N
T-Mobile License LLC	D09013	TOLLAND, CT	1	0010206629	WSBD909	N
T-Mobile License LLC	D09013	TOLLAND, CT	2	0010206629	WSBD910	N
T-Mobile License LLC	D09013	TOLLAND, CT	3	0010206629	WSBD911	N
T-Mobile License LLC	D09015	WINDHAM, CT	1	0010206629	WSBD912	N
T-Mobile License LLC	D09015	WINDHAM, CT	2	0010206629	WSBD913	N
T-Mobile License LLC	D09015	WINDHAM, CT	3	0010206629	WSBD914	N
T-Mobile License LLC	D10001	KENT, DE	1	0010206629	WSBD915	N
T-Mobile License LLC	D10001	KENT, DE	2	0010206629	WSBD916	N
T-Mobile License LLC	D10001	KENT, DE	3	0010206629	WSBD917	N
T-Mobile License LLC	D10003	NEW CASTLE, DE	1	0010206629	WSBD918	N
T-Mobile License LLC	D10003	NEW CASTLE, DE	2	0010206629	WSBD919	N
T-Mobile License LLC	D10003	NEW CASTLE, DE	3	0010206629	WSBD920	N
T-Mobile License LLC	D10005	SUSSEX, DE	1	0010206629	WSBD921	N
T-Mobile License LLC	D10005	SUSSEX, DE	2	0010206629	WSBD922	N
T-Mobile License LLC	D10005	SUSSEX, DE	3	0010206629	WSBD923	N
T-Mobile License LLC	D12001	ALACHUA, FL	1	0010206629	WSBD924	N
T-Mobile License LLC	D12001	ALACHUA, FL	2	0010206629	WSBD925	N
T-Mobile License LLC	D12003	BAKER, FL	1	0010206629	WSBD926	N
T-Mobile License LLC	D12003	BAKER, FL	2	0010206629	WSBD927	N
T-Mobile License LLC	D12003	BAKER, FL	3	0010206629	WSBD928	N
T-Mobile License LLC	D12009	BREVARD, FL	1	0010206629	WSBD929	N
T-Mobile License LLC	D12009	BREVARD, FL	2	0010206629	WSBD930	N
T-Mobile License LLC	D12013	CALHOUN, FL	1	0010206629	WSBD931	N
T-Mobile License LLC	D12013	CALHOUN, FL	2	0010206629	WSBD932	N
T-Mobile License LLC	D12013	CALHOUN, FL	3	0010206629	WSBD933	N
T-Mobile License LLC	D12017	CITRUS, FL	1	0010206629	WSBD934	N
T-Mobile License LLC	D12017	CITRUS, FL	2	0010206629	WSBD935	N
T-Mobile License LLC	D12017	CITRUS, FL	3	0010206629	WSBD936	N
T-Mobile License LLC	D12019	CLAY, FL	1	0010206629	WSBD937	N
T-Mobile License LLC	D12019	CLAY, FL	2	0010206629	WSBD938	N
T-Mobile License LLC	D12021	COLLIER, FL	1	0010206629	WSBD939	N
T-Mobile License LLC	D12021	COLLIER, FL	2	0010206629	WSBD940	N
T-Mobile License LLC	D12021	COLLIER, FL	3	0010206629	WSBD941	N
T-Mobile License LLC	D12023	COLUMBIA, FL	1	0010206629	WSBD942	N
T-Mobile License LLC	D12023	COLUMBIA, FL	2	0010206629	WSBD943	N
T-Mobile License LLC	D12027	DESOTO, FL	1	0010206629	WSBD944	N
T-Mobile License LLC	D12027	DESOTO, FL	2	0010206629	WSBD945	N

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T-Mobile License LLC	D12029	DIXIE, FL	1	0010206629	WSBD946	N
T-Mobile License LLC	D12029	DIXIE, FL	2	0010206629	WSBD947	N
T-Mobile License LLC	D12029	DIXIE, FL	3	0010206629	WSBD948	N
T-Mobile License LLC	D12033	ESCAMBIA, FL	1	0010206629	WSBD949	N
T-Mobile License LLC	D12033	ESCAMBIA, FL	2	0010206629	WSBD950	N
T-Mobile License LLC	D12035	FLAGLER, FL	1	0010206629	WSBD951	N
T-Mobile License LLC	D12035	FLAGLER, FL	2	0010206629	WSBD952	N
T-Mobile License LLC	D12037	FRANKLIN, FL	1	0010206629	WSBD953	N
T-Mobile License LLC	D12037	FRANKLIN, FL	2	0010206629	WSBD954	N
T-Mobile License LLC	D12037	FRANKLIN, FL	3	0010206629	WSBD955	N
T-Mobile License LLC	D12039	GADSDEN, FL	1	0010206629	WSBD956	N
T-Mobile License LLC	D12039	GADSDEN, FL	2	0010206629	WSBD957	N
T-Mobile License LLC	D12039	GADSDEN, FL	3	0010206629	WSBD958	N
T-Mobile License LLC	D12041	GILCHRIST, FL	1	0010206629	WSBD959	N
T-Mobile License LLC	D12041	GILCHRIST, FL	2	0010206629	WSBD960	N
T-Mobile License LLC	D12041	GILCHRIST, FL	3	0010206629	WSBD961	N
T-Mobile License LLC	D12043	GLADES, FL	1	0010206629	WSBD962	N
T-Mobile License LLC	D12043	GLADES, FL	2	0010206629	WSBD963	N
T-Mobile License LLC	D12043	GLADES, FL	3	0010206629	WSBD964	N
T-Mobile License LLC	D12045	GULF, FL	1	0010206629	WSBD965	N
T-Mobile License LLC	D12045	GULF, FL	2	0010206629	WSBD966	N
T-Mobile License LLC	D12047	HAMILTON, FL	1	0010206629	WSBD967	N
T-Mobile License LLC	D12047	HAMILTON, FL	2	0010206629	WSBD968	N
T-Mobile License LLC	D12047	HAMILTON, FL	3	0010206629	WSBD969	N
T-Mobile License LLC	D12049	HARDEE, FL	1	0010206629	WSBD970	N
T-Mobile License LLC	D12049	HARDEE, FL	2	0010206629	WSBD971	N
T-Mobile License LLC	D12051	HENDRY, FL	1	0010206629	WSBD972	N
T-Mobile License LLC	D12051	HENDRY, FL	2	0010206629	WSBD973	N
T-Mobile License LLC	D12051	HENDRY, FL	3	0010206629	WSBD974	N
T-Mobile License LLC	D12053	HERNANDO, FL	1	0010206629	WSBD975	N
T-Mobile License LLC	D12053	HERNANDO, FL	2	0010206629	WSBD976	N
T-Mobile License LLC	D12053	HERNANDO, FL	3	0010206629	WSBD977	N
T-Mobile License LLC	D12055	HIGHLANDS, FL	1	0010206629	WSBD978	N
T-Mobile License LLC	D12055	HIGHLANDS, FL	2	0010206629	WSBD979	N
T-Mobile License LLC	D12055	HIGHLANDS, FL	3	0010206629	WSBD980	N
T-Mobile License LLC	D12059	HOLMES, FL	1	0010206629	WSBD981	N
T-Mobile License LLC	D12059	HOLMES, FL	2	0010206629	WSBD982	N
T-Mobile License LLC	D12061	INDIAN RIVER, FL	1	0010206629	WSBD983	N
T-Mobile License LLC	D12061	INDIAN RIVER, FL	2	0010206629	WSBD984	N
T-Mobile License LLC	D12061	INDIAN RIVER, FL	3	0010206629	WSBD985	N
T-Mobile License LLC	D12063	JACKSON, FL	1	0010206629	WSBD986	N
T-Mobile License LLC	D12063	JACKSON, FL	2	0010206629	WSBD987	N
T-Mobile License LLC	D12063	JACKSON, FL	3	0010206629	WSBD988	N
T-Mobile License LLC	D12065	JEFFERSON, FL	1	0010206629	WSBD989	N
T-Mobile License LLC	D12065	JEFFERSON, FL	2	0010206629	WSBD990	N
T-Mobile License LLC	D12065	JEFFERSON, FL	3	0010206629	WSBD991	N
T-Mobile License LLC	D12067	LAFAYETTE, FL	1	0010206629	WSBD992	N
T-Mobile License LLC	D12067	LAFAYETTE, FL	2	0010206629	WSBD993	N
T-Mobile License LLC	D12067	LAFAYETTE, FL	3	0010206629	WSBD994	N
T-Mobile License LLC	D12069	LAKE, FL	1	0010206629	WSBD995	N
T-Mobile License LLC	D12069	LAKE, FL	2	0010206629	WSBD996	N
T-Mobile License LLC	D12069	LAKE, FL	3	0010206629	WSBD997	N
T-Mobile License LLC	D12073	LEON, FL	1	0010206629	WSBD998	N
T-Mobile License LLC	D12073	LEON, FL	2	0010206629	WSBD999	N
T-Mobile License LLC	D12075	LEVY, FL	1	0010206629	WSBE200	N
T-Mobile License LLC	D12075	LEVY, FL	2	0010206629	WSBE201	N

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T-Mobile License LLC	D12075	LEVY, FL	3	0010206629	WSBE202	N
T-Mobile License LLC	D12077	LIBERTY, FL	1	0010206629	WSBE203	N
T-Mobile License LLC	D12077	LIBERTY, FL	2	0010206629	WSBE204	N
T-Mobile License LLC	D12079	MADISON, FL	1	0010206629	WSBE205	N
T-Mobile License LLC	D12079	MADISON, FL	2	0010206629	WSBE206	N
T-Mobile License LLC	D12079	MADISON, FL	3	0010206629	WSBE207	N
T-Mobile License LLC	D12083	MARION, FL	1	0010206629	WSBE208	N
T-Mobile License LLC	D12083	MARION, FL	2	0010206629	WSBE209	N
T-Mobile License LLC	D12085	MARTIN, FL	1	0010206629	WSBE210	N
T-Mobile License LLC	D12085	MARTIN, FL	2	0010206629	WSBE211	N
T-Mobile License LLC	D12085	MARTIN, FL	3	0010206629	WSBE212	N
T-Mobile License LLC	D12086	MIAMI-DADE, FL	2	0010206629	WSBE213	N
T-Mobile License LLC	D12086	MIAMI-DADE, FL	3	0010206629	WSBE214	N
T-Mobile License LLC	D12087	MONROE, FL	1	0010206629	WSBE215	N
T-Mobile License LLC	D12087	MONROE, FL	2	0010206629	WSBE216	N
T-Mobile License LLC	D12087	MONROE, FL	3	0010206629	WSBE217	N
T-Mobile License LLC	D12089	NASSAU, FL	1	0010206629	WSBE218	N
T-Mobile License LLC	D12089	NASSAU, FL	2	0010206629	WSBE219	N
T-Mobile License LLC	D12089	NASSAU, FL	3	0010206629	WSBE220	N
T-Mobile License LLC	D12091	OKALOOSA, FL	1	0010206629	WSBE221	N
T-Mobile License LLC	D12091	OKALOOSA, FL	2	0010206629	WSBE222	N
T-Mobile License LLC	D12091	OKALOOSA, FL	3	0010206629	WSBE223	N
T-Mobile License LLC	D12093	OKEECHOBEE, FL	1	0010206629	WSBE224	N
T-Mobile License LLC	D12093	OKEECHOBEE, FL	2	0010206629	WSBE225	N
T-Mobile License LLC	D12093	OKEECHOBEE, FL	3	0010206629	WSBE226	N
T-Mobile License LLC	D12095	ORANGE, FL	1	0010206629	WSBE227	N
T-Mobile License LLC	D12095	ORANGE, FL	2	0010206629	WSBE228	N
T-Mobile License LLC	D12097	OSCEOLA, FL	1	0010206629	WSBE229	N
T-Mobile License LLC	D12097	OSCEOLA, FL	2	0010206629	WSBE230	N
T-Mobile License LLC	D12097	OSCEOLA, FL	3	0010206629	WSBE231	N
T-Mobile License LLC	D12099	PALM BEACH, FL	1	0010206629	WSBE232	N
T-Mobile License LLC	D12099	PALM BEACH, FL	2	0010206629	WSBE233	N
T-Mobile License LLC	D12099	PALM BEACH, FL	3	0010206629	WSBE234	N
T-Mobile License LLC	D12101	PASCO, FL	1	0010206629	WSBE235	N
T-Mobile License LLC	D12101	PASCO, FL	2	0010206629	WSBE236	N
T-Mobile License LLC	D12101	PASCO, FL	3	0010206629	WSBE237	N
T-Mobile License LLC	D12105	POLK, FL	1	0010206629	WSBE238	N
T-Mobile License LLC	D12105	POLK, FL	2	0010206629	WSBE239	N
T-Mobile License LLC	D12107	PUTNAM, FL	1	0010206629	WSBE240	N
T-Mobile License LLC	D12107	PUTNAM, FL	2	0010206629	WSBE241	N
T-Mobile License LLC	D12109	ST. JOHNS, FL	1	0010206629	WSBE242	N
T-Mobile License LLC	D12109	ST. JOHNS, FL	2	0010206629	WSBE243	N
T-Mobile License LLC	D12117	SEMINOLE, FL	1	0010206629	WSBE244	N
T-Mobile License LLC	D12117	SEMINOLE, FL	2	0010206629	WSBE245	N
T-Mobile License LLC	D12119	SUMTER, FL	1	0010206629	WSBE246	N
T-Mobile License LLC	D12119	SUMTER, FL	2	0010206629	WSBE247	N
T-Mobile License LLC	D12119	SUMTER, FL	3	0010206629	WSBE248	N
T-Mobile License LLC	D12121	SUWANNEE, FL	1	0010206629	WSBE249	N
T-Mobile License LLC	D12121	SUWANNEE, FL	2	0010206629	WSBE250	N
T-Mobile License LLC	D12123	TAYLOR, FL	1	0010206629	WSBE251	N
T-Mobile License LLC	D12123	TAYLOR, FL	2	0010206629	WSBE252	N
T-Mobile License LLC	D12123	TAYLOR, FL	3	0010206629	WSBE253	N
T-Mobile License LLC	D12127	VOLUSIA, FL	1	0010206629	WSBE254	N
T-Mobile License LLC	D12127	VOLUSIA, FL	2	0010206629	WSBE255	N
T-Mobile License LLC	D12129	WAKULLA, FL	1	0010206629	WSBE256	N
T-Mobile License LLC	D12129	WAKULLA, FL	2	0010206629	WSBE257	N

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T-Mobile License LLC	D12129	WAKULLA, FL	3	0010206629	WSBE258	N
T-Mobile License LLC	D12131	WALTON, FL	1	0010206629	WSBE259	N
T-Mobile License LLC	D12131	WALTON, FL	2	0010206629	WSBE260	N
T-Mobile License LLC	D12131	WALTON, FL	3	0010206629	WSBE261	N
T-Mobile License LLC	D13001	APPLING, GA	2	0010206629	WSBE262	N
T-Mobile License LLC	D13001	APPLING, GA	3	0010206629	WSBE263	N
T-Mobile License LLC	D13003	ATKINSON, GA	1	0010206629	WSBE264	N
T-Mobile License LLC	D13003	ATKINSON, GA	2	0010206629	WSBE265	N
T-Mobile License LLC	D13003	ATKINSON, GA	3	0010206629	WSBE266	N
T-Mobile License LLC	D13005	BACON, GA	1	0010206629	WSBE267	N
T-Mobile License LLC	D13005	BACON, GA	2	0010206629	WSBE268	N
T-Mobile License LLC	D13005	BACON, GA	3	0010206629	WSBE269	N
T-Mobile License LLC	D13007	BAKER, GA	1	0010206629	WSBE270	N
T-Mobile License LLC	D13007	BAKER, GA	2	0010206629	WSBE271	N
T-Mobile License LLC	D13007	BAKER, GA	3	0010206629	WSBE272	N
T-Mobile License LLC	D13015	BARTOW, GA	1	0010206629	WSBE273	N
T-Mobile License LLC	D13015	BARTOW, GA	2	0010206629	WSBE274	N
T-Mobile License LLC	D13015	BARTOW, GA	3	0010206629	WSBE275	N
T-Mobile License LLC	D13017	BEN HILL, GA	1	0010206629	WSBE276	N
T-Mobile License LLC	D13017	BEN HILL, GA	2	0010206629	WSBE277	N
T-Mobile License LLC	D13017	BEN HILL, GA	3	0010206629	WSBE278	N
T-Mobile License LLC	D13025	BRANTLEY, GA	2	0010206629	WSBE279	N
T-Mobile License LLC	D13025	BRANTLEY, GA	3	0010206629	WSBE280	N
T-Mobile License LLC	D13027	BROOKS, GA	1	0010206629	WSBE281	N
T-Mobile License LLC	D13027	BROOKS, GA	2	0010206629	WSBE282	N
T-Mobile License LLC	D13027	BROOKS, GA	3	0010206629	WSBE283	N
T-Mobile License LLC	D13029	BRYAN, GA	1	0010206629	WSBE284	N
T-Mobile License LLC	D13029	BRYAN, GA	2	0010206629	WSBE285	N
T-Mobile License LLC	D13029	BRYAN, GA	3	0010206629	WSBE286	N
T-Mobile License LLC	D13031	BULLOCH, GA	1	0010206629	WSBE287	N
T-Mobile License LLC	D13031	BULLOCH, GA	2	0010206629	WSBE288	N
T-Mobile License LLC	D13031	BULLOCH, GA	3	0010206629	WSBE289	N
T-Mobile License LLC	D13033	BURKE, GA	1	0010206629	WSBE290	N
T-Mobile License LLC	D13033	BURKE, GA	2	0010206629	WSBE291	N
T-Mobile License LLC	D13033	BURKE, GA	3	0010206629	WSBE292	N
T-Mobile License LLC	D13035	BUTTS, GA	1	0010206629	WSBE293	N
T-Mobile License LLC	D13035	BUTTS, GA	2	0010206629	WSBE294	N
T-Mobile License LLC	D13035	BUTTS, GA	3	0010206629	WSBE295	N
T-Mobile License LLC	D13037	CALHOUN, GA	1	0010206629	WSBE296	N
T-Mobile License LLC	D13037	CALHOUN, GA	2	0010206629	WSBE297	N
T-Mobile License LLC	D13037	CALHOUN, GA	3	0010206629	WSBE298	N
T-Mobile License LLC	D13039	CAMDEN, GA	1	0010206629	WSBE299	N
T-Mobile License LLC	D13039	CAMDEN, GA	2	0010206629	WSBE300	N
T-Mobile License LLC	D13039	CAMDEN, GA	3	0010206629	WSBE301	N
T-Mobile License LLC	D13043	CANDLER, GA	2	0010206629	WSBE302	N
T-Mobile License LLC	D13043	CANDLER, GA	3	0010206629	WSBE303	N
T-Mobile License LLC	D13045	CARROLL, GA	1	0010206629	WSBE304	N
T-Mobile License LLC	D13045	CARROLL, GA	2	0010206629	WSBE305	N
T-Mobile License LLC	D13045	CARROLL, GA	3	0010206629	WSBE306	N
T-Mobile License LLC	D13047	CATOOSA, GA	1	0010206629	WSBE307	N
T-Mobile License LLC	D13047	CATOOSA, GA	2	0010206629	WSBE308	N
T-Mobile License LLC	D13049	CHARLTON, GA	1	0010206629	WSBE309	N
T-Mobile License LLC	D13049	CHARLTON, GA	2	0010206629	WSBE310	N
T-Mobile License LLC	D13049	CHARLTON, GA	3	0010206629	WSBE311	N
T-Mobile License LLC	D13051	CHATHAM, GA	1	0010206629	WSBE312	N
T-Mobile License LLC	D13051	CHATHAM, GA	2	0010206629	WSBE313	N

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T-Mobile License LLC	D13051	CHATHAM, GA	3	0010206629	WSBE314	N
T-Mobile License LLC	D13055	CHATTOOGA, GA	1	0010206629	WSBE315	N
T-Mobile License LLC	D13055	CHATTOOGA, GA	2	0010206629	WSBE316	N
T-Mobile License LLC	D13055	CHATTOOGA, GA	3	0010206629	WSBE317	N
T-Mobile License LLC	D13057	CHEROKEE, GA	1	0010206629	WSBE318	N
T-Mobile License LLC	D13057	CHEROKEE, GA	2	0010206629	WSBE319	N
T-Mobile License LLC	D13057	CHEROKEE, GA	3	0010206629	WSBE320	N
T-Mobile License LLC	D13061	CLAY, GA	1	0010206629	WSBE321	N
T-Mobile License LLC	D13061	CLAY, GA	2	0010206629	WSBE322	N
T-Mobile License LLC	D13061	CLAY, GA	3	0010206629	WSBE323	N
T-Mobile License LLC	D13063	CLAYTON, GA	1	0010206629	WSBE324	N
T-Mobile License LLC	D13063	CLAYTON, GA	3	0010206629	WSBE325	N
T-Mobile License LLC	D13065	CLINCH, GA	1	0010206629	WSBE326	N
T-Mobile License LLC	D13065	CLINCH, GA	2	0010206629	WSBE327	N
T-Mobile License LLC	D13065	CLINCH, GA	3	0010206629	WSBE328	N
T-Mobile License LLC	D13067	COBB, GA	1	0010206629	WSBE329	N
T-Mobile License LLC	D13067	COBB, GA	2	0010206629	WSBE330	N
T-Mobile License LLC	D13067	COBB, GA	3	0010206629	WSBE331	N
T-Mobile License LLC	D13069	COFFEE, GA	2	0010206629	WSBE332	N
T-Mobile License LLC	D13069	COFFEE, GA	3	0010206629	WSBE333	N
T-Mobile License LLC	D13071	COLQUITT, GA	1	0010206629	WSBE334	N
T-Mobile License LLC	D13071	COLQUITT, GA	2	0010206629	WSBE335	N
T-Mobile License LLC	D13071	COLQUITT, GA	3	0010206629	WSBE336	N
T-Mobile License LLC	D13077	COWETA, GA	1	0010206629	WSBE337	N
T-Mobile License LLC	D13077	COWETA, GA	2	0010206629	WSBE338	N
T-Mobile License LLC	D13077	COWETA, GA	3	0010206629	WSBE339	N
T-Mobile License LLC	D13079	CRAWFORD, GA	1	0010206629	WSBE340	N
T-Mobile License LLC	D13079	CRAWFORD, GA	2	0010206629	WSBE341	N
T-Mobile License LLC	D13079	CRAWFORD, GA	3	0010206629	WSBE342	N
T-Mobile License LLC	D13081	CRISP, GA	1	0010206629	WSBE343	N
T-Mobile License LLC	D13081	CRISP, GA	2	0010206629	WSBE344	N
T-Mobile License LLC	D13081	CRISP, GA	3	0010206629	WSBE345	N
T-Mobile License LLC	D13083	DADE, GA	1	0010206629	WSBE346	N
T-Mobile License LLC	D13083	DADE, GA	2	0010206629	WSBE347	N
T-Mobile License LLC	D13083	DADE, GA	3	0010206629	WSBE348	N
T-Mobile License LLC	D13085	DAWSON, GA	1	0010206629	WSBE349	N
T-Mobile License LLC	D13085	DAWSON, GA	2	0010206629	WSBE350	N
T-Mobile License LLC	D13085	DAWSON, GA	3	0010206629	WSBE351	N
T-Mobile License LLC	D13087	DECATUR, GA	1	0010206629	WSBE352	N
T-Mobile License LLC	D13087	DECATUR, GA	2	0010206629	WSBE353	N
T-Mobile License LLC	D13087	DECATUR, GA	3	0010206629	WSBE354	N
T-Mobile License LLC	D13089	DEKALB, GA	1	0010206629	WSBE355	N
T-Mobile License LLC	D13089	DEKALB, GA	2	0010206629	WSBE356	N
T-Mobile License LLC	D13089	DEKALB, GA	3	0010206629	WSBE357	N
T-Mobile License LLC	D13091	DODGE, GA	1	0010206629	WSBE358	N
T-Mobile License LLC	D13091	DODGE, GA	2	0010206629	WSBE359	N
T-Mobile License LLC	D13091	DODGE, GA	3	0010206629	WSBE360	N
T-Mobile License LLC	D13093	DOOLY, GA	1	0010206629	WSBE361	N
T-Mobile License LLC	D13093	DOOLY, GA	2	0010206629	WSBE362	N
T-Mobile License LLC	D13093	DOOLY, GA	3	0010206629	WSBE363	N
T-Mobile License LLC	D13095	DOUGHERTY, GA	1	0010206629	WSBE364	N
T-Mobile License LLC	D13095	DOUGHERTY, GA	2	0010206629	WSBE365	N
T-Mobile License LLC	D13097	DOUGLAS, GA	1	0010206629	WSBE366	N
T-Mobile License LLC	D13097	DOUGLAS, GA	2	0010206629	WSBE367	N
T-Mobile License LLC	D13097	DOUGLAS, GA	3	0010206629	WSBE368	N
T-Mobile License LLC	D13099	EARLY, GA	1	0010206629	WSBE369	N

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T-Mobile License LLC	D13099	EARLY, GA	2	0010206629	WSBE370	N
T-Mobile License LLC	D13099	EARLY, GA	3	0010206629	WSBE371	N
T-Mobile License LLC	D13101	ECHOLS, GA	1	0010206629	WSBE372	N
T-Mobile License LLC	D13101	ECHOLS, GA	2	0010206629	WSBE373	N
T-Mobile License LLC	D13101	ECHOLS, GA	3	0010206629	WSBE374	N
T-Mobile License LLC	D13103	EFFINGHAM, GA	1	0010206629	WSBE375	N
T-Mobile License LLC	D13103	EFFINGHAM, GA	2	0010206629	WSBE376	N
T-Mobile License LLC	D13103	EFFINGHAM, GA	3	0010206629	WSBE377	N
T-Mobile License LLC	D13105	ELBERT, GA	1	0010206629	WSBE378	N
T-Mobile License LLC	D13105	ELBERT, GA	2	0010206629	WSBE379	N
T-Mobile License LLC	D13107	EMANUEL, GA	2	0010206629	WSBE380	N
T-Mobile License LLC	D13107	EMANUEL, GA	3	0010206629	WSBE381	N
T-Mobile License LLC	D13109	EVANS, GA	1	0010206629	WSBE382	N
T-Mobile License LLC	D13109	EVANS, GA	3	0010206629	WSBE383	N
T-Mobile License LLC	D13111	FANNIN, GA	1	0010206629	WSBE384	N
T-Mobile License LLC	D13111	FANNIN, GA	2	0010206629	WSBE385	N
T-Mobile License LLC	D13111	FANNIN, GA	3	0010206629	WSBE386	N
T-Mobile License LLC	D13113	FAYETTE, GA	1	0010206629	WSBE387	N
T-Mobile License LLC	D13113	FAYETTE, GA	2	0010206629	WSBE388	N
T-Mobile License LLC	D13113	FAYETTE, GA	3	0010206629	WSBE389	N
T-Mobile License LLC	D13115	FLOYD, GA	1	0010206629	WSBE390	N
T-Mobile License LLC	D13115	FLOYD, GA	2	0010206629	WSBE391	N
T-Mobile License LLC	D13115	FLOYD, GA	3	0010206629	WSBE392	N
T-Mobile License LLC	D13117	FORSYTH, GA	1	0010206629	WSBE393	N
T-Mobile License LLC	D13117	FORSYTH, GA	2	0010206629	WSBE394	N
T-Mobile License LLC	D13117	FORSYTH, GA	3	0010206629	WSBE395	N
T-Mobile License LLC	D13119	FRANKLIN, GA	2	0010206629	WSBE396	N
T-Mobile License LLC	D13121	FULTON, GA	1	0010206629	WSBE397	N
T-Mobile License LLC	D13121	FULTON, GA	2	0010206629	WSBE398	N
T-Mobile License LLC	D13121	FULTON, GA	3	0010206629	WSBE399	N
T-Mobile License LLC	D13123	GILMER, GA	1	0010206629	WSBE400	N
T-Mobile License LLC	D13123	GILMER, GA	2	0010206629	WSBE401	N
T-Mobile License LLC	D13123	GILMER, GA	3	0010206629	WSBE402	N
T-Mobile License LLC	D13127	GLYNN, GA	1	0010206629	WSBE403	N
T-Mobile License LLC	D13127	GLYNN, GA	2	0010206629	WSBE404	N
T-Mobile License LLC	D13127	GLYNN, GA	3	0010206629	WSBE405	N
T-Mobile License LLC	D13129	GORDON, GA	1	0010206629	WSBE406	N
T-Mobile License LLC	D13129	GORDON, GA	2	0010206629	WSBE407	N
T-Mobile License LLC	D13129	GORDON, GA	3	0010206629	WSBE408	N
T-Mobile License LLC	D13131	GRADY, GA	1	0010206629	WSBE409	N
T-Mobile License LLC	D13131	GRADY, GA	2	0010206629	WSBE410	N
T-Mobile License LLC	D13131	GRADY, GA	3	0010206629	WSBE411	N
T-Mobile License LLC	D13137	HABERSHAM, GA	1	0010206629	WSBE412	N
T-Mobile License LLC	D13137	HABERSHAM, GA	2	0010206629	WSBE413	N
T-Mobile License LLC	D13137	HABERSHAM, GA	3	0010206629	WSBE414	N
T-Mobile License LLC	D13143	HARALSON, GA	1	0010206629	WSBE415	N
T-Mobile License LLC	D13143	HARALSON, GA	2	0010206629	WSBE416	N
T-Mobile License LLC	D13143	HARALSON, GA	3	0010206629	WSBE417	N
T-Mobile License LLC	D13147	HART, GA	1	0010206629	WSBE418	N
T-Mobile License LLC	D13147	HART, GA	2	0010206629	WSBE419	N
T-Mobile License LLC	D13151	HENRY, GA	1	0010206629	WSBE420	N
T-Mobile License LLC	D13151	HENRY, GA	2	0010206629	WSBE421	N
T-Mobile License LLC	D13151	HENRY, GA	3	0010206629	WSBE422	N
T-Mobile License LLC	D13153	HOUSTON, GA	1	0010206629	WSBE423	N
T-Mobile License LLC	D13153	HOUSTON, GA	2	0010206629	WSBE424	N
T-Mobile License LLC	D13153	HOUSTON, GA	3	0010206629	WSBE425	N

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T-Mobile License LLC	D13155	IRWIN, GA	1	0010206629	WSBE426	N
T-Mobile License LLC	D13155	IRWIN, GA	2	0010206629	WSBE427	N
T-Mobile License LLC	D13155	IRWIN, GA	3	0010206629	WSBE428	N
T-Mobile License LLC	D13161	JEFF DAVIS, GA	2	0010206629	WSBE429	N
T-Mobile License LLC	D13161	JEFF DAVIS, GA	3	0010206629	WSBE430	N
T-Mobile License LLC	D13163	JEFFERSON, GA	1	0010206629	WSBE431	N
T-Mobile License LLC	D13163	JEFFERSON, GA	2	0010206629	WSBE432	N
T-Mobile License LLC	D13163	JEFFERSON, GA	3	0010206629	WSBE433	N
T-Mobile License LLC	D13165	JENKINS, GA	1	0010206629	WSBE434	N
T-Mobile License LLC	D13165	JENKINS, GA	2	0010206629	WSBE435	N
T-Mobile License LLC	D13165	JENKINS, GA	3	0010206629	WSBE436	N
T-Mobile License LLC	D13167	JOHNSON, GA	1	0010206629	WSBE437	N
T-Mobile License LLC	D13167	JOHNSON, GA	2	0010206629	WSBE438	N
T-Mobile License LLC	D13167	JOHNSON, GA	3	0010206629	WSBE439	N
T-Mobile License LLC	D13171	LAMAR, GA	1	0010206629	WSBE440	N
T-Mobile License LLC	D13171	LAMAR, GA	2	0010206629	WSBE441	N
T-Mobile License LLC	D13171	LAMAR, GA	3	0010206629	WSBE442	N
T-Mobile License LLC	D13175	LAURENS, GA	1	0010206629	WSBE443	N
T-Mobile License LLC	D13175	LAURENS, GA	2	0010206629	WSBE444	N
T-Mobile License LLC	D13175	LAURENS, GA	3	0010206629	WSBE445	N
T-Mobile License LLC	D13177	LEE, GA	1	0010206629	WSBE446	N
T-Mobile License LLC	D13177	LEE, GA	2	0010206629	WSBE447	N
T-Mobile License LLC	D13179	LIBERTY, GA	1	0010206629	WSBE448	N
T-Mobile License LLC	D13179	LIBERTY, GA	2	0010206629	WSBE449	N
T-Mobile License LLC	D13179	LIBERTY, GA	3	0010206629	WSBE450	N
T-Mobile License LLC	D13181	LINCOLN, GA	1	0010206629	WSBE451	N
T-Mobile License LLC	D13181	LINCOLN, GA	2	0010206629	WSBE452	N
T-Mobile License LLC	D13181	LINCOLN, GA	3	0010206629	WSBE453	N
T-Mobile License LLC	D13183	LONG, GA	1	0010206629	WSBE454	N
T-Mobile License LLC	D13183	LONG, GA	3	0010206629	WSBE455	N
T-Mobile License LLC	D13185	LOWNDES, GA	1	0010206629	WSBE456	N
T-Mobile License LLC	D13185	LOWNDES, GA	2	0010206629	WSBE457	N
T-Mobile License LLC	D13185	LOWNDES, GA	3	0010206629	WSBE458	N
T-Mobile License LLC	D13187	LUMPKIN, GA	1	0010206629	WSBE459	N
T-Mobile License LLC	D13187	LUMPKIN, GA	2	0010206629	WSBE460	N
T-Mobile License LLC	D13187	LUMPKIN, GA	3	0010206629	WSBE461	N
T-Mobile License LLC	D13191	MCINTOSH, GA	2	0010206629	WSBE462	N
T-Mobile License LLC	D13191	MCINTOSH, GA	3	0010206629	WSBE463	N
T-Mobile License LLC	D13195	MADISON, GA	1	0010206629	WSBE464	N
T-Mobile License LLC	D13195	MADISON, GA	2	0010206629	WSBE465	N
T-Mobile License LLC	D13195	MADISON, GA	3	0010206629	WSBE466	N
T-Mobile License LLC	D13199	MERIWETHER, GA	1	0010206629	WSBE467	N
T-Mobile License LLC	D13199	MERIWETHER, GA	2	0010206629	WSBE468	N
T-Mobile License LLC	D13199	MERIWETHER, GA	3	0010206629	WSBE469	N
T-Mobile License LLC	D13201	MILLER, GA	1	0010206629	WSBE470	N
T-Mobile License LLC	D13201	MILLER, GA	2	0010206629	WSBE471	N
T-Mobile License LLC	D13201	MILLER, GA	3	0010206629	WSBE472	N
T-Mobile License LLC	D13205	MITCHELL, GA	1	0010206629	WSBE473	N
T-Mobile License LLC	D13205	MITCHELL, GA	2	0010206629	WSBE474	N
T-Mobile License LLC	D13205	MITCHELL, GA	3	0010206629	WSBE475	N
T-Mobile License LLC	D13207	MONROE, GA	2	0010206629	WSBE476	N
T-Mobile License LLC	D13207	MONROE, GA	3	0010206629	WSBE477	N
T-Mobile License LLC	D13209	MONTGOMERY, GA	2	0010206629	WSBE478	N
T-Mobile License LLC	D13209	MONTGOMERY, GA	3	0010206629	WSBE479	N
T-Mobile License LLC	D13213	MURRAY, GA	1	0010206629	WSBE480	N
T-Mobile License LLC	D13213	MURRAY, GA	2	0010206629	WSBE481	N

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T-Mobile License LLC	D13213	MURRAY, GA	3	0010206629	WSBE482	N
T-Mobile License LLC	D13217	NEWTON, GA	1	0010206629	WSBE483	N
T-Mobile License LLC	D13217	NEWTON, GA	2	0010206629	WSBE484	N
T-Mobile License LLC	D13217	NEWTON, GA	3	0010206629	WSBE485	N
T-Mobile License LLC	D13221	OGLETHORPE, GA	2	0010206629	WSBE486	N
T-Mobile License LLC	D13223	PAULDING, GA	1	0010206629	WSBE487	N
T-Mobile License LLC	D13223	PAULDING, GA	2	0010206629	WSBE488	N
T-Mobile License LLC	D13223	PAULDING, GA	3	0010206629	WSBE489	N
T-Mobile License LLC	D13227	PICKENS, GA	1	0010206629	WSBE490	N
T-Mobile License LLC	D13227	PICKENS, GA	2	0010206629	WSBE491	N
T-Mobile License LLC	D13227	PICKENS, GA	3	0010206629	WSBE492	N
T-Mobile License LLC	D13229	PIERCE, GA	2	0010206629	WSBE493	N
T-Mobile License LLC	D13229	PIERCE, GA	3	0010206629	WSBE494	N
T-Mobile License LLC	D13231	PIKE, GA	1	0010206629	WSBE495	N
T-Mobile License LLC	D13231	PIKE, GA	2	0010206629	WSBE496	N
T-Mobile License LLC	D13231	PIKE, GA	3	0010206629	WSBE497	N
T-Mobile License LLC	D13233	POLK, GA	1	0010206629	WSBE498	N
T-Mobile License LLC	D13233	POLK, GA	2	0010206629	WSBE499	N
T-Mobile License LLC	D13233	POLK, GA	3	0010206629	WSBE500	N
T-Mobile License LLC	D13235	PULASKI, GA	1	0010206629	WSBE501	N
T-Mobile License LLC	D13235	PULASKI, GA	2	0010206629	WSBE502	N
T-Mobile License LLC	D13235	PULASKI, GA	3	0010206629	WSBE503	N
T-Mobile License LLC	D13239	QUITMAN, GA	1	0010206629	WSBE504	N
T-Mobile License LLC	D13239	QUITMAN, GA	2	0010206629	WSBE505	N
T-Mobile License LLC	D13239	QUITMAN, GA	3	0010206629	WSBE506	N
T-Mobile License LLC	D13241	RABUN, GA	1	0010206629	WSBE507	N
T-Mobile License LLC	D13241	RABUN, GA	2	0010206629	WSBE508	N
T-Mobile License LLC	D13241	RABUN, GA	3	0010206629	WSBE509	N
T-Mobile License LLC	D13243	RANDOLPH, GA	1	0010206629	WSBE510	N
T-Mobile License LLC	D13243	RANDOLPH, GA	2	0010206629	WSBE511	N
T-Mobile License LLC	D13243	RANDOLPH, GA	3	0010206629	WSBE512	N
T-Mobile License LLC	D13247	ROCKDALE, GA	1	0010206629	WSBE513	N
T-Mobile License LLC	D13247	ROCKDALE, GA	2	0010206629	WSBE514	N
T-Mobile License LLC	D13247	ROCKDALE, GA	3	0010206629	WSBE515	N
T-Mobile License LLC	D13251	SCREVEN, GA	2	0010206629	WSBE516	N
T-Mobile License LLC	D13251	SCREVEN, GA	3	0010206629	WSBE517	N
T-Mobile License LLC	D13253	SEMINOLE, GA	1	0010206629	WSBE518	N
T-Mobile License LLC	D13253	SEMINOLE, GA	2	0010206629	WSBE519	N
T-Mobile License LLC	D13253	SEMINOLE, GA	3	0010206629	WSBE520	N
T-Mobile License LLC	D13255	SPALDING, GA	1	0010206629	WSBE521	N
T-Mobile License LLC	D13255	SPALDING, GA	2	0010206629	WSBE522	N
T-Mobile License LLC	D13255	SPALDING, GA	3	0010206629	WSBE523	N
T-Mobile License LLC	D13257	STEPHENS, GA	1	0010206629	WSBE524	N
T-Mobile License LLC	D13257	STEPHENS, GA	2	0010206629	WSBE525	N
T-Mobile License LLC	D13257	STEPHENS, GA	3	0010206629	WSBE526	N
T-Mobile License LLC	D13259	STEWART, GA	1	0010206629	WSBE527	N
T-Mobile License LLC	D13259	STEWART, GA	2	0010206629	WSBE528	N
T-Mobile License LLC	D13259	STEWART, GA	3	0010206629	WSBE529	N
T-Mobile License LLC	D13261	SUMTER, GA	1	0010206629	WSBE530	N
T-Mobile License LLC	D13261	SUMTER, GA	2	0010206629	WSBE531	N
T-Mobile License LLC	D13265	TALIAFERRO, GA	2	0010206629	WSBE532	N
T-Mobile License LLC	D13265	TALIAFERRO, GA	3	0010206629	WSBE533	N
T-Mobile License LLC	D13267	TATTNALL, GA	2	0010206629	WSBE534	N
T-Mobile License LLC	D13267	TATTNALL, GA	3	0010206629	WSBE535	N
T-Mobile License LLC	D13271	TELFAIR, GA	1	0010206629	WSBE536	N
T-Mobile License LLC	D13271	TELFAIR, GA	2	0010206629	WSBE537	N

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T-Mobile License LLC	D13271	TELFAIR, GA	3	0010206629	WSBE538	N
T-Mobile License LLC	D13273	TERRELL, GA	1	0010206629	WSBE539	N
T-Mobile License LLC	D13273	TERRELL, GA	2	0010206629	WSBE540	N
T-Mobile License LLC	D13275	THOMAS, GA	2	0010206629	WSBE541	N
T-Mobile License LLC	D13275	THOMAS, GA	3	0010206629	WSBE542	N
T-Mobile License LLC	D13277	TIFT, GA	1	0010206629	WSBE543	N
T-Mobile License LLC	D13277	TIFT, GA	2	0010206629	WSBE544	N
T-Mobile License LLC	D13279	TOOMBS, GA	2	0010206629	WSBE545	N
T-Mobile License LLC	D13279	TOOMBS, GA	3	0010206629	WSBE546	N
T-Mobile License LLC	D13281	TOWNS, GA	1	0010206629	WSBE547	N
T-Mobile License LLC	D13281	TOWNS, GA	2	0010206629	WSBE548	N
T-Mobile License LLC	D13281	TOWNS, GA	3	0010206629	WSBE549	N
T-Mobile License LLC	D13283	TREUTLEN, GA	1	0010206629	WSBE550	N
T-Mobile License LLC	D13283	TREUTLEN, GA	2	0010206629	WSBE551	N
T-Mobile License LLC	D13283	TREUTLEN, GA	3	0010206629	WSBE552	N
T-Mobile License LLC	D13287	TURNER, GA	1	0010206629	WSBE553	N
T-Mobile License LLC	D13287	TURNER, GA	2	0010206629	WSBE554	N
T-Mobile License LLC	D13287	TURNER, GA	3	0010206629	WSBE555	N
T-Mobile License LLC	D13291	UNION, GA	1	0010206629	WSBE556	N
T-Mobile License LLC	D13291	UNION, GA	2	0010206629	WSBE557	N
T-Mobile License LLC	D13291	UNION, GA	3	0010206629	WSBE558	N
T-Mobile License LLC	D13293	UPSON, GA	1	0010206629	WSBE559	N
T-Mobile License LLC	D13293	UPSON, GA	2	0010206629	WSBE560	N
T-Mobile License LLC	D13293	UPSON, GA	3	0010206629	WSBE561	N
T-Mobile License LLC	D13295	WALKER, GA	1	0010206629	WSBE562	N
T-Mobile License LLC	D13295	WALKER, GA	2	0010206629	WSBE563	N
T-Mobile License LLC	D13295	WALKER, GA	3	0010206629	WSBE564	N
T-Mobile License LLC	D13299	WARE, GA	1	0010206629	WSBE565	N
T-Mobile License LLC	D13299	WARE, GA	2	0010206629	WSBE566	N
T-Mobile License LLC	D13299	WARE, GA	3	0010206629	WSBE567	N
T-Mobile License LLC	D13301	WARREN, GA	2	0010206629	WSBE568	N
T-Mobile License LLC	D13301	WARREN, GA	3	0010206629	WSBE569	N
T-Mobile License LLC	D13303	WASHINGTON, GA	1	0010206629	WSBE570	N
T-Mobile License LLC	D13303	WASHINGTON, GA	2	0010206629	WSBE571	N
T-Mobile License LLC	D13303	WASHINGTON, GA	3	0010206629	WSBE572	N
T-Mobile License LLC	D13305	WAYNE, GA	1	0010206629	WSBE573	N
T-Mobile License LLC	D13305	WAYNE, GA	2	0010206629	WSBE574	N
T-Mobile License LLC	D13305	WAYNE, GA	3	0010206629	WSBE575	N
T-Mobile License LLC	D13307	WEBSTER, GA	1	0010206629	WSBE576	N
T-Mobile License LLC	D13307	WEBSTER, GA	2	0010206629	WSBE577	N
T-Mobile License LLC	D13307	WEBSTER, GA	3	0010206629	WSBE578	N
T-Mobile License LLC	D13309	WHEELER, GA	1	0010206629	WSBE579	N
T-Mobile License LLC	D13309	WHEELER, GA	2	0010206629	WSBE580	N
T-Mobile License LLC	D13309	WHEELER, GA	3	0010206629	WSBE581	N
T-Mobile License LLC	D13311	WHITE, GA	1	0010206629	WSBE582	N
T-Mobile License LLC	D13311	WHITE, GA	2	0010206629	WSBE583	N
T-Mobile License LLC	D13311	WHITE, GA	3	0010206629	WSBE584	N
T-Mobile License LLC	D13313	WHITFIELD, GA	1	0010206629	WSBE585	N
T-Mobile License LLC	D13313	WHITFIELD, GA	2	0010206629	WSBE586	N
T-Mobile License LLC	D13315	WILCOX, GA	1	0010206629	WSBE587	N
T-Mobile License LLC	D13315	WILCOX, GA	2	0010206629	WSBE588	N
T-Mobile License LLC	D13315	WILCOX, GA	3	0010206629	WSBE589	N
T-Mobile License LLC	D13317	WILKES, GA	1	0010206629	WSBE590	N
T-Mobile License LLC	D13317	WILKES, GA	2	0010206629	WSBE591	N
T-Mobile License LLC	D13317	WILKES, GA	3	0010206629	WSBE592	N
T-Mobile License LLC	D13321	WORTH, GA	1	0010206629	WSBE593	N

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T-Mobile License LLC	D13321	WORTH, GA	2	0010206629	WSBE594	N
T-Mobile License LLC	D15001	HAWAII, HI	1	0010206629	WSBE595	N
T-Mobile License LLC	D15001	HAWAII, HI	2	0010206629	WSBE596	N
T-Mobile License LLC	D15001	HAWAII, HI	3	0010206629	WSBE597	N
T-Mobile License LLC	D15003	HONOLULU, HI	1	0010206629	WSBE598	N
T-Mobile License LLC	D15003	HONOLULU, HI	2	0010206629	WSBE599	N
T-Mobile License LLC	D15003	HONOLULU, HI	3	0010206629	WSBE600	N
T-Mobile License LLC	D15005	KALAWAO, HI	1	0010206629	WSBE601	N
T-Mobile License LLC	D15005	KALAWAO, HI	2	0010206629	WSBE602	N
T-Mobile License LLC	D15005	KALAWAO, HI	3	0010206629	WSBE603	N
T-Mobile License LLC	D15007	KAUAI, HI	1	0010206629	WSBE604	N
T-Mobile License LLC	D15007	KAUAI, HI	2	0010206629	WSBE605	N
T-Mobile License LLC	D15007	KAUAI, HI	3	0010206629	WSBE606	N
T-Mobile License LLC	D15009	MAUI, HI	1	0010206629	WSBE607	N
T-Mobile License LLC	D15009	MAUI, HI	2	0010206629	WSBE608	N
T-Mobile License LLC	D15009	MAUI, HI	3	0010206629	WSBE609	N
T-Mobile License LLC	D16001	ADA, ID	1	0010206629	WSBE610	N
T-Mobile License LLC	D16001	ADA, ID	2	0010206629	WSBE611	N
T-Mobile License LLC	D16003	ADAMS, ID	2	0010206629	WSBE612	N
T-Mobile License LLC	D16003	ADAMS, ID	3	0010206629	WSBE613	N
T-Mobile License LLC	D16005	BANNOCK, ID	1	0010206629	WSBE614	N
T-Mobile License LLC	D16005	BANNOCK, ID	2	0010206629	WSBE615	N
T-Mobile License LLC	D16005	BANNOCK, ID	3	0010206629	WSBE616	N
T-Mobile License LLC	D16007	BEAR LAKE, ID	1	0010206629	WSBE617	N
T-Mobile License LLC	D16007	BEAR LAKE, ID	2	0010206629	WSBE618	N
T-Mobile License LLC	D16007	BEAR LAKE, ID	3	0010206629	WSBE619	N
T-Mobile License LLC	D16009	BENEWAH, ID	3	0010206629	WSBE620	N
T-Mobile License LLC	D16011	BINGHAM, ID	1	0010206629	WSBE621	N
T-Mobile License LLC	D16011	BINGHAM, ID	2	0010206629	WSBE622	N
T-Mobile License LLC	D16011	BINGHAM, ID	3	0010206629	WSBE623	N
T-Mobile License LLC	D16013	BLAINE, ID	1	0010206629	WSBE624	N
T-Mobile License LLC	D16013	BLAINE, ID	2	0010206629	WSBE625	N
T-Mobile License LLC	D16013	BLAINE, ID	3	0010206629	WSBE626	N
T-Mobile License LLC	D16017	BONNER, ID	1	0010206629	WSBE627	N
T-Mobile License LLC	D16017	BONNER, ID	2	0010206629	WSBE628	N
T-Mobile License LLC	D16017	BONNER, ID	3	0010206629	WSBE629	N
T-Mobile License LLC	D16019	BONNEVILLE, ID	1	0010206629	WSBE630	N
T-Mobile License LLC	D16019	BONNEVILLE, ID	2	0010206629	WSBE631	N
T-Mobile License LLC	D16019	BONNEVILLE, ID	3	0010206629	WSBE632	N
T-Mobile License LLC	D16021	BOUNDARY, ID	1	0010206629	WSBE633	N
T-Mobile License LLC	D16021	BOUNDARY, ID	2	0010206629	WSBE634	N
T-Mobile License LLC	D16021	BOUNDARY, ID	3	0010206629	WSBE635	N
T-Mobile License LLC	D16023	BUTTE, ID	1	0010206629	WSBE636	N
T-Mobile License LLC	D16023	BUTTE, ID	2	0010206629	WSBE637	N
T-Mobile License LLC	D16023	BUTTE, ID	3	0010206629	WSBE638	N
T-Mobile License LLC	D16025	CAMAS, ID	1	0010206629	WSBE639	N
T-Mobile License LLC	D16025	CAMAS, ID	2	0010206629	WSBE640	N
T-Mobile License LLC	D16025	CAMAS, ID	3	0010206629	WSBE641	N
T-Mobile License LLC	D16027	CANYON, ID	2	0010206629	WSBE642	N
T-Mobile License LLC	D16027	CANYON, ID	3	0010206629	WSBE643	N
T-Mobile License LLC	D16029	CARIBOU, ID	1	0010206629	WSBE644	N
T-Mobile License LLC	D16029	CARIBOU, ID	2	0010206629	WSBE645	N
T-Mobile License LLC	D16029	CARIBOU, ID	3	0010206629	WSBE646	N
T-Mobile License LLC	D16031	CASSIA, ID	1	0010206629	WSBE647	N
T-Mobile License LLC	D16031	CASSIA, ID	2	0010206629	WSBE648	N
T-Mobile License LLC	D16031	CASSIA, ID	3	0010206629	WSBE649	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D16033	CLARK, ID	1	0010206629	WSBE650	N
T-Mobile License LLC	D16033	CLARK, ID	2	0010206629	WSBE651	N
T-Mobile License LLC	D16033	CLARK, ID	3	0010206629	WSBE652	N
T-Mobile License LLC	D16035	CLEARWATER, ID	1	0010206629	WSBE653	N
T-Mobile License LLC	D16035	CLEARWATER, ID	2	0010206629	WSBE654	N
T-Mobile License LLC	D16035	CLEARWATER, ID	3	0010206629	WSBE655	N
T-Mobile License LLC	D16037	CUSTER, ID	1	0010206629	WSBE656	N
T-Mobile License LLC	D16037	CUSTER, ID	2	0010206629	WSBE657	N
T-Mobile License LLC	D16037	CUSTER, ID	3	0010206629	WSBE658	N
T-Mobile License LLC	D16039	ELMORE, ID	2	0010206629	WSBE659	N
T-Mobile License LLC	D16039	ELMORE, ID	3	0010206629	WSBE660	N
T-Mobile License LLC	D16041	FRANKLIN, ID	1	0010206629	WSBE661	N
T-Mobile License LLC	D16041	FRANKLIN, ID	2	0010206629	WSBE662	N
T-Mobile License LLC	D16041	FRANKLIN, ID	3	0010206629	WSBE663	N
T-Mobile License LLC	D16043	FREMONT, ID	1	0010206629	WSBE664	N
T-Mobile License LLC	D16043	FREMONT, ID	2	0010206629	WSBE665	N
T-Mobile License LLC	D16043	FREMONT, ID	3	0010206629	WSBE666	N
T-Mobile License LLC	D16047	GOODING, ID	1	0010206629	WSBE667	N
T-Mobile License LLC	D16047	GOODING, ID	2	0010206629	WSBE668	N
T-Mobile License LLC	D16047	GOODING, ID	3	0010206629	WSBE669	N
T-Mobile License LLC	D16049	IDAHO, ID	3	0010206629	WSBE670	N
T-Mobile License LLC	D16051	JEFFERSON, ID	1	0010206629	WSBE671	N
T-Mobile License LLC	D16051	JEFFERSON, ID	2	0010206629	WSBE672	N
T-Mobile License LLC	D16051	JEFFERSON, ID	3	0010206629	WSBE673	N
T-Mobile License LLC	D16055	KOOTENAI, ID	1	0010206629	WSBE674	N
T-Mobile License LLC	D16055	KOOTENAI, ID	2	0010206629	WSBE675	N
T-Mobile License LLC	D16055	KOOTENAI, ID	3	0010206629	WSBE676	N
T-Mobile License LLC	D16057	LATAH, ID	1	0010206629	WSBE677	N
T-Mobile License LLC	D16057	LATAH, ID	2	0010206629	WSBE678	N
T-Mobile License LLC	D16057	LATAH, ID	3	0010206629	WSBE679	N
T-Mobile License LLC	D16059	LEMHI, ID	1	0010206629	WSBE680	N
T-Mobile License LLC	D16059	LEMHI, ID	2	0010206629	WSBE681	N
T-Mobile License LLC	D16059	LEMHI, ID	3	0010206629	WSBE682	N
T-Mobile License LLC	D16061	LEWIS, ID	3	0010206629	WSBE683	N
T-Mobile License LLC	D16063	LINCOLN, ID	1	0010206629	WSBE684	N
T-Mobile License LLC	D16063	LINCOLN, ID	2	0010206629	WSBE685	N
T-Mobile License LLC	D16063	LINCOLN, ID	3	0010206629	WSBE686	N
T-Mobile License LLC	D16065	MADISON, ID	1	0010206629	WSBE687	N
T-Mobile License LLC	D16065	MADISON, ID	2	0010206629	WSBE688	N
T-Mobile License LLC	D16065	MADISON, ID	3	0010206629	WSBE689	N
T-Mobile License LLC	D16067	MINIDOKA, ID	1	0010206629	WSBE690	N
T-Mobile License LLC	D16067	MINIDOKA, ID	2	0010206629	WSBE691	N
T-Mobile License LLC	D16067	MINIDOKA, ID	3	0010206629	WSBE692	N
T-Mobile License LLC	D16069	NEZ PERCE, ID	1	0010206629	WSBE693	N
T-Mobile License LLC	D16069	NEZ PERCE, ID	2	0010206629	WSBE694	N
T-Mobile License LLC	D16069	NEZ PERCE, ID	3	0010206629	WSBE695	N
T-Mobile License LLC	D16071	ONEIDA, ID	1	0010206629	WSBE696	N
T-Mobile License LLC	D16071	ONEIDA, ID	2	0010206629	WSBE697	N
T-Mobile License LLC	D16071	ONEIDA, ID	3	0010206629	WSBE698	N
T-Mobile License LLC	D16073	OWYHEE, ID	2	0010206629	WSBE699	N
T-Mobile License LLC	D16073	OWYHEE, ID	3	0010206629	WSBE700	N
T-Mobile License LLC	D16075	PAYETTE, ID	2	0010206629	WSBE701	N
T-Mobile License LLC	D16075	PAYETTE, ID	3	0010206629	WSBE702	N
T-Mobile License LLC	D16077	POWER, ID	1	0010206629	WSBE703	N
T-Mobile License LLC	D16077	POWER, ID	2	0010206629	WSBE704	N
T-Mobile License LLC	D16077	POWER, ID	3	0010206629	WSBE705	N

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T-Mobile License LLC	D16079	SHOSHONE, ID	1	0010206629	WSBE706	N
T-Mobile License LLC	D16079	SHOSHONE, ID	2	0010206629	WSBE707	N
T-Mobile License LLC	D16079	SHOSHONE, ID	3	0010206629	WSBE708	N
T-Mobile License LLC	D16081	TETON, ID	1	0010206629	WSBE709	N
T-Mobile License LLC	D16081	TETON, ID	2	0010206629	WSBE710	N
T-Mobile License LLC	D16081	TETON, ID	3	0010206629	WSBE711	N
T-Mobile License LLC	D16083	TWIN FALLS, ID	1	0010206629	WSBE712	N
T-Mobile License LLC	D16083	TWIN FALLS, ID	2	0010206629	WSBE713	N
T-Mobile License LLC	D16083	TWIN FALLS, ID	3	0010206629	WSBE714	N
T-Mobile License LLC	D16085	VALLEY, ID	2	0010206629	WSBE715	N
T-Mobile License LLC	D16085	VALLEY, ID	3	0010206629	WSBE716	N
T-Mobile License LLC	D16087	WASHINGTON, ID	2	0010206629	WSBE717	N
T-Mobile License LLC	D16087	WASHINGTON, ID	3	0010206629	WSBE718	N
T-Mobile License LLC	D17001	ADAMS, IL	2	0010206629	WSBE719	N
T-Mobile License LLC	D17001	ADAMS, IL	3	0010206629	WSBE720	N
T-Mobile License LLC	D17003	ALEXANDER, IL	1	0010206629	WSBE721	N
T-Mobile License LLC	D17003	ALEXANDER, IL	2	0010206629	WSBE722	N
T-Mobile License LLC	D17003	ALEXANDER, IL	3	0010206629	WSBE723	N
T-Mobile License LLC	D17005	BOND, IL	1	0010206629	WSBE724	N
T-Mobile License LLC	D17005	BOND, IL	2	0010206629	WSBE725	N
T-Mobile License LLC	D17005	BOND, IL	3	0010206629	WSBE726	N
T-Mobile License LLC	D17007	BOONE, IL	1	0010206629	WSBE727	N
T-Mobile License LLC	D17007	BOONE, IL	2	0010206629	WSBE728	N
T-Mobile License LLC	D17009	BROWN, IL	2	0010206629	WSBE729	N
T-Mobile License LLC	D17009	BROWN, IL	3	0010206629	WSBE730	N
T-Mobile License LLC	D17011	BUREAU, IL	1	0010206629	WSBE731	N
T-Mobile License LLC	D17011	BUREAU, IL	2	0010206629	WSBE732	N
T-Mobile License LLC	D17011	BUREAU, IL	3	0010206629	WSBE733	N
T-Mobile License LLC	D17013	CALHOUN, IL	1	0010206629	WSBE734	N
T-Mobile License LLC	D17013	CALHOUN, IL	2	0010206629	WSBE735	N
T-Mobile License LLC	D17013	CALHOUN, IL	3	0010206629	WSBE736	N
T-Mobile License LLC	D17017	CASS, IL	1	0010206629	WSBE737	N
T-Mobile License LLC	D17017	CASS, IL	2	0010206629	WSBE738	N
T-Mobile License LLC	D17017	CASS, IL	3	0010206629	WSBE739	N
T-Mobile License LLC	D17019	CHAMPAIGN, IL	1	0010206629	WSBE740	N
T-Mobile License LLC	D17019	CHAMPAIGN, IL	2	0010206629	WSBE741	N
T-Mobile License LLC	D17023	CLARK, IL	1	0010206629	WSBE742	N
T-Mobile License LLC	D17023	CLARK, IL	2	0010206629	WSBE743	N
T-Mobile License LLC	D17023	CLARK, IL	3	0010206629	WSBE744	N
T-Mobile License LLC	D17025	CLAY, IL	1	0010206629	WSBE745	N
T-Mobile License LLC	D17025	CLAY, IL	2	0010206629	WSBE746	N
T-Mobile License LLC	D17025	CLAY, IL	3	0010206629	WSBE747	N
T-Mobile License LLC	D17027	CLINTON, IL	1	0010206629	WSBE748	N
T-Mobile License LLC	D17027	CLINTON, IL	2	0010206629	WSBE749	N
T-Mobile License LLC	D17027	CLINTON, IL	3	0010206629	WSBE750	N
T-Mobile License LLC	D17029	COLES, IL	1	0010206629	WSBE751	N
T-Mobile License LLC	D17029	COLES, IL	2	0010206629	WSBE752	N
T-Mobile License LLC	D17029	COLES, IL	3	0010206629	WSBE753	N
T-Mobile License LLC	D17033	CRAWFORD, IL	1	0010206629	WSBE754	N
T-Mobile License LLC	D17033	CRAWFORD, IL	2	0010206629	WSBE755	N
T-Mobile License LLC	D17035	CUMBERLAND, IL	1	0010206629	WSBE756	N
T-Mobile License LLC	D17035	CUMBERLAND, IL	2	0010206629	WSBE757	N
T-Mobile License LLC	D17035	CUMBERLAND, IL	3	0010206629	WSBE758	N
T-Mobile License LLC	D17037	DEKALB, IL	1	0010206629	WSBE759	N
T-Mobile License LLC	D17037	DEKALB, IL	2	0010206629	WSBE760	N
T-Mobile License LLC	D17037	DEKALB, IL	3	0010206629	WSBE761	N

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T-Mobile License LLC	D17039	DE WITT, IL	1	0010206629	WSBE762	N
T-Mobile License LLC	D17039	DE WITT, IL	2	0010206629	WSBE763	N
T-Mobile License LLC	D17039	DE WITT, IL	3	0010206629	WSBE764	N
T-Mobile License LLC	D17041	DOUGLAS, IL	1	0010206629	WSBE765	N
T-Mobile License LLC	D17041	DOUGLAS, IL	2	0010206629	WSBE766	N
T-Mobile License LLC	D17041	DOUGLAS, IL	3	0010206629	WSBE767	N
T-Mobile License LLC	D17045	EDGAR, IL	1	0010206629	WSBE768	N
T-Mobile License LLC	D17045	EDGAR, IL	2	0010206629	WSBE769	N
T-Mobile License LLC	D17045	EDGAR, IL	3	0010206629	WSBE770	N
T-Mobile License LLC	D17047	EDWARDS, IL	1	0010206629	WSBE771	N
T-Mobile License LLC	D17047	EDWARDS, IL	2	0010206629	WSBE772	N
T-Mobile License LLC	D17047	EDWARDS, IL	3	0010206629	WSBE773	N
T-Mobile License LLC	D17049	EFFINGHAM, IL	1	0010206629	WSBE774	N
T-Mobile License LLC	D17049	EFFINGHAM, IL	2	0010206629	WSBE775	N
T-Mobile License LLC	D17049	EFFINGHAM, IL	3	0010206629	WSBE776	N
T-Mobile License LLC	D17051	FAYETTE, IL	1	0010206629	WSBE777	N
T-Mobile License LLC	D17051	FAYETTE, IL	2	0010206629	WSBE778	N
T-Mobile License LLC	D17051	FAYETTE, IL	3	0010206629	WSBE779	N
T-Mobile License LLC	D17053	FORD, IL	1	0010206629	WSBE780	N
T-Mobile License LLC	D17053	FORD, IL	2	0010206629	WSBE781	N
T-Mobile License LLC	D17053	FORD, IL	3	0010206629	WSBE782	N
T-Mobile License LLC	D17055	FRANKLIN, IL	1	0010206629	WSBE783	N
T-Mobile License LLC	D17055	FRANKLIN, IL	2	0010206629	WSBE784	N
T-Mobile License LLC	D17055	FRANKLIN, IL	3	0010206629	WSBE785	N
T-Mobile License LLC	D17057	FULTON, IL	1	0010206629	WSBE786	N
T-Mobile License LLC	D17057	FULTON, IL	2	0010206629	WSBE787	N
T-Mobile License LLC	D17057	FULTON, IL	3	0010206629	WSBE788	N
T-Mobile License LLC	D17059	GALLATIN, IL	1	0010206629	WSBE789	N
T-Mobile License LLC	D17059	GALLATIN, IL	2	0010206629	WSBE790	N
T-Mobile License LLC	D17059	GALLATIN, IL	3	0010206629	WSBE791	N
T-Mobile License LLC	D17061	GREENE, IL	1	0010206629	WSBE792	N
T-Mobile License LLC	D17061	GREENE, IL	2	0010206629	WSBE793	N
T-Mobile License LLC	D17061	GREENE, IL	3	0010206629	WSBE794	N
T-Mobile License LLC	D17063	GRUNDY, IL	1	0010206629	WSBE795	N
T-Mobile License LLC	D17063	GRUNDY, IL	2	0010206629	WSBE796	N
T-Mobile License LLC	D17067	HANCOCK, IL	1	0010206629	WSBE797	N
T-Mobile License LLC	D17067	HANCOCK, IL	2	0010206629	WSBE798	N
T-Mobile License LLC	D17067	HANCOCK, IL	3	0010206629	WSBE799	N
T-Mobile License LLC	D17069	HARDIN, IL	1	0010206629	WSBE800	N
T-Mobile License LLC	D17069	HARDIN, IL	2	0010206629	WSBE801	N
T-Mobile License LLC	D17069	HARDIN, IL	3	0010206629	WSBE802	N
T-Mobile License LLC	D17073	HENRY, IL	1	0010206629	WSBE803	N
T-Mobile License LLC	D17073	HENRY, IL	2	0010206629	WSBE804	N
T-Mobile License LLC	D17073	HENRY, IL	3	0010206629	WSBE805	N
T-Mobile License LLC	D17075	IROQUOIS, IL	1	0010206629	WSBE806	N
T-Mobile License LLC	D17075	IROQUOIS, IL	2	0010206629	WSBE807	N
T-Mobile License LLC	D17075	IROQUOIS, IL	3	0010206629	WSBE808	N
T-Mobile License LLC	D17077	JACKSON, IL	1	0010206629	WSBE809	N
T-Mobile License LLC	D17077	JACKSON, IL	2	0010206629	WSBE810	N
T-Mobile License LLC	D17077	JACKSON, IL	3	0010206629	WSBE811	N
T-Mobile License LLC	D17079	JASPER, IL	1	0010206629	WSBE812	N
T-Mobile License LLC	D17079	JASPER, IL	2	0010206629	WSBE813	N
T-Mobile License LLC	D17081	JEFFERSON, IL	1	0010206629	WSBE814	N
T-Mobile License LLC	D17081	JEFFERSON, IL	2	0010206629	WSBE815	N
T-Mobile License LLC	D17081	JEFFERSON, IL	3	0010206629	WSBE816	N
T-Mobile License LLC	D17083	JERSEY, IL	2	0010206629	WSBE817	N

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T-Mobile License LLC	D17083	JERSEY, IL	3	0010206629	WSBE818	N
T-Mobile License LLC	D17085	JO DAVIESS, IL	2	0010206629	WSBE819	N
T-Mobile License LLC	D17085	JO DAVIESS, IL	3	0010206629	WSBE820	N
T-Mobile License LLC	D17087	JOHNSON, IL	1	0010206629	WSBE821	N
T-Mobile License LLC	D17087	JOHNSON, IL	2	0010206629	WSBE822	N
T-Mobile License LLC	D17087	JOHNSON, IL	3	0010206629	WSBE823	N
T-Mobile License LLC	D17089	KANE, IL	1	0010206629	WSBE824	N
T-Mobile License LLC	D17089	KANE, IL	2	0010206629	WSBE825	N
T-Mobile License LLC	D17089	KANE, IL	3	0010206629	WSBE826	N
T-Mobile License LLC	D17091	KANKAKEE, IL	1	0010206629	WSBE827	N
T-Mobile License LLC	D17091	KANKAKEE, IL	2	0010206629	WSBE828	N
T-Mobile License LLC	D17091	KANKAKEE, IL	3	0010206629	WSBE829	N
T-Mobile License LLC	D17093	KENDALL, IL	1	0010206629	WSBE830	N
T-Mobile License LLC	D17093	KENDALL, IL	2	0010206629	WSBE831	N
T-Mobile License LLC	D17093	KENDALL, IL	3	0010206629	WSBE832	N
T-Mobile License LLC	D17095	KNOX, IL	1	0010206629	WSBE833	N
T-Mobile License LLC	D17095	KNOX, IL	2	0010206629	WSBE834	N
T-Mobile License LLC	D17095	KNOX, IL	3	0010206629	WSBE835	N
T-Mobile License LLC	D17097	LAKE, IL	1	0010206629	WSBE836	N
T-Mobile License LLC	D17097	LAKE, IL	2	0010206629	WSBE837	N
T-Mobile License LLC	D17097	LAKE, IL	3	0010206629	WSBE838	N
T-Mobile License LLC	D17099	LASALLE, IL	1	0010206629	WSBE839	N
T-Mobile License LLC	D17099	LASALLE, IL	2	0010206629	WSBE840	N
T-Mobile License LLC	D17101	LAWRENCE, IL	1	0010206629	WSBE841	N
T-Mobile License LLC	D17101	LAWRENCE, IL	2	0010206629	WSBE842	N
T-Mobile License LLC	D17103	LEE, IL	1	0010206629	WSBE843	N
T-Mobile License LLC	D17103	LEE, IL	2	0010206629	WSBE844	N
T-Mobile License LLC	D17103	LEE, IL	3	0010206629	WSBE845	N
T-Mobile License LLC	D17105	LIVINGSTON, IL	1	0010206629	WSBE846	N
T-Mobile License LLC	D17105	LIVINGSTON, IL	2	0010206629	WSBE847	N
T-Mobile License LLC	D17105	LIVINGSTON, IL	3	0010206629	WSBE848	N
T-Mobile License LLC	D17107	LOGAN, IL	1	0010206629	WSBE849	N
T-Mobile License LLC	D17107	LOGAN, IL	2	0010206629	WSBE850	N
T-Mobile License LLC	D17107	LOGAN, IL	3	0010206629	WSBE851	N
T-Mobile License LLC	D17111	MCHENRY, IL	1	0010206629	WSBE852	N
T-Mobile License LLC	D17111	MCHENRY, IL	2	0010206629	WSBE853	N
T-Mobile License LLC	D17111	MCHENRY, IL	3	0010206629	WSBE854	N
T-Mobile License LLC	D17113	MCLEAN, IL	1	0010206629	WSBE855	N
T-Mobile License LLC	D17113	MCLEAN, IL	2	0010206629	WSBE856	N
T-Mobile License LLC	D17113	MCLEAN, IL	3	0010206629	WSBE857	N
T-Mobile License LLC	D17115	MACON, IL	1	0010206629	WSBE858	N
T-Mobile License LLC	D17115	MACON, IL	2	0010206629	WSBE859	N
T-Mobile License LLC	D17115	MACON, IL	3	0010206629	WSBE860	N
T-Mobile License LLC	D17117	MACOUPIN, IL	1	0010206629	WSBE861	N
T-Mobile License LLC	D17117	MACOUPIN, IL	2	0010206629	WSBE862	N
T-Mobile License LLC	D17117	MACOUPIN, IL	3	0010206629	WSBE863	N
T-Mobile License LLC	D17119	MADISON, IL	1	0010206629	WSBE864	N
T-Mobile License LLC	D17119	MADISON, IL	2	0010206629	WSBE865	N
T-Mobile License LLC	D17119	MADISON, IL	3	0010206629	WSBE866	N
T-Mobile License LLC	D17121	MARION, IL	1	0010206629	WSBE867	N
T-Mobile License LLC	D17121	MARION, IL	2	0010206629	WSBE868	N
T-Mobile License LLC	D17121	MARION, IL	3	0010206629	WSBE869	N
T-Mobile License LLC	D17123	MARSHALL, IL	1	0010206629	WSBE870	N
T-Mobile License LLC	D17123	MARSHALL, IL	2	0010206629	WSBE871	N
T-Mobile License LLC	D17123	MARSHALL, IL	3	0010206629	WSBE872	N
T-Mobile License LLC	D17125	MASON, IL	2	0010206629	WSBE873	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D17125	MASON, IL	3	0010206629	WSBE874	N
T-Mobile License LLC	D17127	MASSAC, IL	1	0010206629	WSBE875	N
T-Mobile License LLC	D17127	MASSAC, IL	2	0010206629	WSBE876	N
T-Mobile License LLC	D17127	MASSAC, IL	3	0010206629	WSBE877	N
T-Mobile License LLC	D17129	MENARD, IL	1	0010206629	WSBE878	N
T-Mobile License LLC	D17129	MENARD, IL	2	0010206629	WSBE879	N
T-Mobile License LLC	D17129	MENARD, IL	3	0010206629	WSBE880	N
T-Mobile License LLC	D17131	MERCER, IL	1	0010206629	WSBE881	N
T-Mobile License LLC	D17131	MERCER, IL	2	0010206629	WSBE882	N
T-Mobile License LLC	D17131	MERCER, IL	3	0010206629	WSBE883	N
T-Mobile License LLC	D17135	MONTGOMERY, IL	1	0010206629	WSBE884	N
T-Mobile License LLC	D17135	MONTGOMERY, IL	2	0010206629	WSBE885	N
T-Mobile License LLC	D17135	MONTGOMERY, IL	3	0010206629	WSBE886	N
T-Mobile License LLC	D17137	MORGAN, IL	1	0010206629	WSBE887	N
T-Mobile License LLC	D17137	MORGAN, IL	2	0010206629	WSBE888	N
T-Mobile License LLC	D17137	MORGAN, IL	3	0010206629	WSBE889	N
T-Mobile License LLC	D17139	MOULTRIE, IL	1	0010206629	WSBE890	N
T-Mobile License LLC	D17139	MOULTRIE, IL	2	0010206629	WSBE891	N
T-Mobile License LLC	D17139	MOULTRIE, IL	3	0010206629	WSBE892	N
T-Mobile License LLC	D17141	OGLE, IL	1	0010206629	WSBE893	N
T-Mobile License LLC	D17141	OGLE, IL	2	0010206629	WSBE894	N
T-Mobile License LLC	D17143	PEORIA, IL	1	0010206629	WSBE895	N
T-Mobile License LLC	D17143	PEORIA, IL	2	0010206629	WSBE896	N
T-Mobile License LLC	D17145	PERRY, IL	2	0010206629	WSBE897	N
T-Mobile License LLC	D17145	PERRY, IL	3	0010206629	WSBE898	N
T-Mobile License LLC	D17147	PIATT, IL	1	0010206629	WSBE899	N
T-Mobile License LLC	D17147	PIATT, IL	2	0010206629	WSBE900	N
T-Mobile License LLC	D17149	PIKE, IL	1	0010206629	WSBE901	N
T-Mobile License LLC	D17149	PIKE, IL	2	0010206629	WSBE902	N
T-Mobile License LLC	D17149	PIKE, IL	3	0010206629	WSBE903	N
T-Mobile License LLC	D17151	POPE, IL	1	0010206629	WSBE904	N
T-Mobile License LLC	D17151	POPE, IL	2	0010206629	WSBE905	N
T-Mobile License LLC	D17151	POPE, IL	3	0010206629	WSBE906	N
T-Mobile License LLC	D17153	PULASKI, IL	1	0010206629	WSBE907	N
T-Mobile License LLC	D17153	PULASKI, IL	2	0010206629	WSBE908	N
T-Mobile License LLC	D17153	PULASKI, IL	3	0010206629	WSBE909	N
T-Mobile License LLC	D17155	PUTNAM, IL	1	0010206629	WSBE910	N
T-Mobile License LLC	D17155	PUTNAM, IL	2	0010206629	WSBE911	N
T-Mobile License LLC	D17155	PUTNAM, IL	3	0010206629	WSBE912	N
T-Mobile License LLC	D17157	RANDOLPH, IL	1	0010206629	WSBE913	N
T-Mobile License LLC	D17157	RANDOLPH, IL	2	0010206629	WSBE914	N
T-Mobile License LLC	D17157	RANDOLPH, IL	3	0010206629	WSBE915	N
T-Mobile License LLC	D17159	RICHLAND, IL	1	0010206629	WSBE916	N
T-Mobile License LLC	D17159	RICHLAND, IL	2	0010206629	WSBE917	N
T-Mobile License LLC	D17161	ROCK ISLAND, IL	1	0010206629	WSBE918	N
T-Mobile License LLC	D17161	ROCK ISLAND, IL	2	0010206629	WSBE919	N
T-Mobile License LLC	D17163	ST. CLAIR, IL	1	0010206629	WSBE920	N
T-Mobile License LLC	D17163	ST. CLAIR, IL	2	0010206629	WSBE921	N
T-Mobile License LLC	D17163	ST. CLAIR, IL	3	0010206629	WSBE922	N
T-Mobile License LLC	D17165	SALINE, IL	1	0010206629	WSBE923	N
T-Mobile License LLC	D17165	SALINE, IL	2	0010206629	WSBE924	N
T-Mobile License LLC	D17165	SALINE, IL	3	0010206629	WSBE925	N
T-Mobile License LLC	D17167	SANGAMON, IL	1	0010206629	WSBE926	N
T-Mobile License LLC	D17167	SANGAMON, IL	2	0010206629	WSBE927	N
T-Mobile License LLC	D17167	SANGAMON, IL	3	0010206629	WSBE928	N
T-Mobile License LLC	D17169	SCHUYLER, IL	1	0010206629	WSBE929	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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AUCTION ID: 108
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D17169	SCHUYLER, IL	2	0010206629	WSBE930	N
T-Mobile License LLC	D17169	SCHUYLER, IL	3	0010206629	WSBE931	N
T-Mobile License LLC	D17171	SCOTT, IL	2	0010206629	WSBE932	N
T-Mobile License LLC	D17171	SCOTT, IL	3	0010206629	WSBE933	N
T-Mobile License LLC	D17173	SHELBY, IL	1	0010206629	WSBE934	N
T-Mobile License LLC	D17173	SHELBY, IL	2	0010206629	WSBE935	N
T-Mobile License LLC	D17173	SHELBY, IL	3	0010206629	WSBE936	N
T-Mobile License LLC	D17175	STARK, IL	1	0010206629	WSBE937	N
T-Mobile License LLC	D17175	STARK, IL	2	0010206629	WSBE938	N
T-Mobile License LLC	D17175	STARK, IL	3	0010206629	WSBE939	N
T-Mobile License LLC	D17177	STEPHENSON, IL	1	0010206629	WSBE940	N
T-Mobile License LLC	D17177	STEPHENSON, IL	2	0010206629	WSBE941	N
T-Mobile License LLC	D17179	TAZEWELL, IL	2	0010206629	WSBE942	N
T-Mobile License LLC	D17181	UNION, IL	1	0010206629	WSBE943	N
T-Mobile License LLC	D17181	UNION, IL	2	0010206629	WSBE944	N
T-Mobile License LLC	D17181	UNION, IL	3	0010206629	WSBE945	N
T-Mobile License LLC	D17183	VERMILION, IL	1	0010206629	WSBE946	N
T-Mobile License LLC	D17183	VERMILION, IL	2	0010206629	WSBE947	N
T-Mobile License LLC	D17183	VERMILION, IL	3	0010206629	WSBE948	N
T-Mobile License LLC	D17185	WABASH, IL	1	0010206629	WSBE949	N
T-Mobile License LLC	D17185	WABASH, IL	2	0010206629	WSBE950	N
T-Mobile License LLC	D17185	WABASH, IL	3	0010206629	WSBE951	N
T-Mobile License LLC	D17189	WASHINGTON, IL	2	0010206629	WSBE952	N
T-Mobile License LLC	D17189	WASHINGTON, IL	3	0010206629	WSBE953	N
T-Mobile License LLC	D17191	WAYNE, IL	1	0010206629	WSBE954	N
T-Mobile License LLC	D17191	WAYNE, IL	2	0010206629	WSBE955	N
T-Mobile License LLC	D17191	WAYNE, IL	3	0010206629	WSBE956	N
T-Mobile License LLC	D17195	WHITESIDE, IL	1	0010206629	WSBE957	N
T-Mobile License LLC	D17195	WHITESIDE, IL	2	0010206629	WSBE958	N
T-Mobile License LLC	D17195	WHITESIDE, IL	3	0010206629	WSBE959	N
T-Mobile License LLC	D17197	WILL, IL	2	0010206629	WSBE960	N
T-Mobile License LLC	D17197	WILL, IL	3	0010206629	WSBE961	N
T-Mobile License LLC	D17199	WILLIAMSON, IL	1	0010206629	WSBE962	N
T-Mobile License LLC	D17199	WILLIAMSON, IL	2	0010206629	WSBE963	N
T-Mobile License LLC	D17199	WILLIAMSON, IL	3	0010206629	WSBE964	N
T-Mobile License LLC	D17201	WINNEBAGO, IL	1	0010206629	WSBE965	N
T-Mobile License LLC	D17201	WINNEBAGO, IL	2	0010206629	WSBE966	N
T-Mobile License LLC	D17203	WOODFORD, IL	1	0010206629	WSBE967	N
T-Mobile License LLC	D17203	WOODFORD, IL	2	0010206629	WSBE968	N
T-Mobile License LLC	D18001	ADAMS, IN	2	0010206629	WSBE969	N
T-Mobile License LLC	D18001	ADAMS, IN	3	0010206629	WSBE970	N
T-Mobile License LLC	D18005	BARTHOLOMEW, IN	2	0010206629	WSBE971	N
T-Mobile License LLC	D18007	BENTON, IN	1	0010206629	WSBE972	N
T-Mobile License LLC	D18007	BENTON, IN	2	0010206629	WSBE973	N
T-Mobile License LLC	D18007	BENTON, IN	3	0010206629	WSBE974	N
T-Mobile License LLC	D18009	BLACKFORD, IN	1	0010206629	WSBE975	N
T-Mobile License LLC	D18009	BLACKFORD, IN	2	0010206629	WSBE976	N
T-Mobile License LLC	D18009	BLACKFORD, IN	3	0010206629	WSBE977	N
T-Mobile License LLC	D18017	CASS, IN	1	0010206629	WSBE978	N
T-Mobile License LLC	D18017	CASS, IN	2	0010206629	WSBE979	N
T-Mobile License LLC	D18019	CLARK, IN	1	0010206629	WSBE980	N
T-Mobile License LLC	D18019	CLARK, IN	2	0010206629	WSBE981	N
T-Mobile License LLC	D18019	CLARK, IN	3	0010206629	WSBE982	N
T-Mobile License LLC	D18021	CLAY, IN	1	0010206629	WSBE983	N
T-Mobile License LLC	D18021	CLAY, IN	2	0010206629	WSBE984	N
T-Mobile License LLC	D18021	CLAY, IN	3	0010206629	WSBE985	N

ATTACHMENT B
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T-Mobile License LLC	D18025	CRAWFORD, IN	1	0010206629	WSBE986	N
T-Mobile License LLC	D18025	CRAWFORD, IN	2	0010206629	WSBE987	N
T-Mobile License LLC	D18025	CRAWFORD, IN	3	0010206629	WSBE988	N
T-Mobile License LLC	D18027	DAVIESS, IN	2	0010206629	WSBE989	N
T-Mobile License LLC	D18027	DAVIESS, IN	3	0010206629	WSBE990	N
T-Mobile License LLC	D18029	DEARBORN, IN	2	0010206629	WSBE991	N
T-Mobile License LLC	D18031	DECATUR, IN	2	0010206629	WSBE992	N
T-Mobile License LLC	D18033	DEKALB, IN	1	0010206629	WSBE993	N
T-Mobile License LLC	D18033	DEKALB, IN	2	0010206629	WSBE994	N
T-Mobile License LLC	D18033	DEKALB, IN	3	0010206629	WSBE995	N
T-Mobile License LLC	D18037	DUBOIS, IN	1	0010206629	WSBE996	N
T-Mobile License LLC	D18037	DUBOIS, IN	2	0010206629	WSBE997	N
T-Mobile License LLC	D18037	DUBOIS, IN	3	0010206629	WSBE998	N
T-Mobile License LLC	D18045	FOUNTAIN, IN	1	0010206629	WSBE999	N
T-Mobile License LLC	D18045	FOUNTAIN, IN	2	0010206629	WSBF200	N
T-Mobile License LLC	D18045	FOUNTAIN, IN	3	0010206629	WSBF201	N
T-Mobile License LLC	D18047	FRANKLIN, IN	2	0010206629	WSBF202	N
T-Mobile License LLC	D18049	FULTON, IN	2	0010206629	WSBF203	N
T-Mobile License LLC	D18051	GIBSON, IN	1	0010206629	WSBF204	N
T-Mobile License LLC	D18051	GIBSON, IN	2	0010206629	WSBF205	N
T-Mobile License LLC	D18051	GIBSON, IN	3	0010206629	WSBF206	N
T-Mobile License LLC	D18053	GRANT, IN	1	0010206629	WSBF207	N
T-Mobile License LLC	D18053	GRANT, IN	2	0010206629	WSBF208	N
T-Mobile License LLC	D18055	GREENE, IN	2	0010206629	WSBF209	N
T-Mobile License LLC	D18055	GREENE, IN	3	0010206629	WSBF210	N
T-Mobile License LLC	D18069	HUNTINGTON, IN	1	0010206629	WSBF211	N
T-Mobile License LLC	D18069	HUNTINGTON, IN	2	0010206629	WSBF212	N
T-Mobile License LLC	D18071	JACKSON, IN	1	0010206629	WSBF213	N
T-Mobile License LLC	D18071	JACKSON, IN	2	0010206629	WSBF214	N
T-Mobile License LLC	D18071	JACKSON, IN	3	0010206629	WSBF215	N
T-Mobile License LLC	D18073	JASPER, IN	1	0010206629	WSBF216	N
T-Mobile License LLC	D18073	JASPER, IN	2	0010206629	WSBF217	N
T-Mobile License LLC	D18073	JASPER, IN	3	0010206629	WSBF218	N
T-Mobile License LLC	D18075	JAY, IN	2	0010206629	WSBF219	N
T-Mobile License LLC	D18075	JAY, IN	3	0010206629	WSBF220	N
T-Mobile License LLC	D18077	JEFFERSON, IN	1	0010206629	WSBF221	N
T-Mobile License LLC	D18077	JEFFERSON, IN	2	0010206629	WSBF222	N
T-Mobile License LLC	D18077	JEFFERSON, IN	3	0010206629	WSBF223	N
T-Mobile License LLC	D18079	JENNINGS, IN	1	0010206629	WSBF224	N
T-Mobile License LLC	D18079	JENNINGS, IN	2	0010206629	WSBF225	N
T-Mobile License LLC	D18083	KNOX, IN	1	0010206629	WSBF226	N
T-Mobile License LLC	D18083	KNOX, IN	2	0010206629	WSBF227	N
T-Mobile License LLC	D18083	KNOX, IN	3	0010206629	WSBF228	N
T-Mobile License LLC	D18085	KOSCIUSKO, IN	2	0010206629	WSBF229	N
T-Mobile License LLC	D18087	LAGRANGE, IN	1	0010206629	WSBF230	N
T-Mobile License LLC	D18087	LAGRANGE, IN	2	0010206629	WSBF231	N
T-Mobile License LLC	D18087	LAGRANGE, IN	3	0010206629	WSBF232	N
T-Mobile License LLC	D18089	LAKE, IN	2	0010206629	WSBF233	N
T-Mobile License LLC	D18089	LAKE, IN	3	0010206629	WSBF234	N
T-Mobile License LLC	D18091	LAPORTE, IN	1	0010206629	WSBF235	N
T-Mobile License LLC	D18091	LAPORTE, IN	2	0010206629	WSBF236	N
T-Mobile License LLC	D18091	LAPORTE, IN	3	0010206629	WSBF237	N
T-Mobile License LLC	D18101	MARTIN, IN	1	0010206629	WSBF238	N
T-Mobile License LLC	D18101	MARTIN, IN	2	0010206629	WSBF239	N
T-Mobile License LLC	D18101	MARTIN, IN	3	0010206629	WSBF240	N
T-Mobile License LLC	D18103	MIAMI, IN	1	0010206629	WSBF241	N

ATTACHMENT B
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D18103	MIAMI, IN	2	0010206629	WSBF242	N
T-Mobile License LLC	D18107	MONTGOMERY, IN	1	0010206629	WSBF243	N
T-Mobile License LLC	D18107	MONTGOMERY, IN	2	0010206629	WSBF244	N
T-Mobile License LLC	D18107	MONTGOMERY, IN	3	0010206629	WSBF245	N
T-Mobile License LLC	D18111	NEWTON, IN	1	0010206629	WSBF246	N
T-Mobile License LLC	D18111	NEWTON, IN	2	0010206629	WSBF247	N
T-Mobile License LLC	D18111	NEWTON, IN	3	0010206629	WSBF248	N
T-Mobile License LLC	D18115	OHIO, IN	2	0010206629	WSBF249	N
T-Mobile License LLC	D18117	ORANGE, IN	1	0010206629	WSBF250	N
T-Mobile License LLC	D18117	ORANGE, IN	2	0010206629	WSBF251	N
T-Mobile License LLC	D18117	ORANGE, IN	3	0010206629	WSBF252	N
T-Mobile License LLC	D18121	PARKE, IN	1	0010206629	WSBF253	N
T-Mobile License LLC	D18121	PARKE, IN	2	0010206629	WSBF254	N
T-Mobile License LLC	D18121	PARKE, IN	3	0010206629	WSBF255	N
T-Mobile License LLC	D18123	PERRY, IN	1	0010206629	WSBF256	N
T-Mobile License LLC	D18123	PERRY, IN	2	0010206629	WSBF257	N
T-Mobile License LLC	D18123	PERRY, IN	3	0010206629	WSBF258	N
T-Mobile License LLC	D18125	PIKE, IN	2	0010206629	WSBF259	N
T-Mobile License LLC	D18125	PIKE, IN	3	0010206629	WSBF260	N
T-Mobile License LLC	D18127	PORTER, IN	1	0010206629	WSBF261	N
T-Mobile License LLC	D18127	PORTER, IN	2	0010206629	WSBF262	N
T-Mobile License LLC	D18127	PORTER, IN	3	0010206629	WSBF263	N
T-Mobile License LLC	D18129	POSEY, IN	1	0010206629	WSBF264	N
T-Mobile License LLC	D18129	POSEY, IN	2	0010206629	WSBF265	N
T-Mobile License LLC	D18129	POSEY, IN	3	0010206629	WSBF266	N
T-Mobile License LLC	D18131	PULASKI, IN	2	0010206629	WSBF267	N
T-Mobile License LLC	D18131	PULASKI, IN	3	0010206629	WSBF268	N
T-Mobile License LLC	D18133	PUTNAM, IN	1	0010206629	WSBF269	N
T-Mobile License LLC	D18133	PUTNAM, IN	2	0010206629	WSBF270	N
T-Mobile License LLC	D18133	PUTNAM, IN	3	0010206629	WSBF271	N
T-Mobile License LLC	D18135	RANDOLPH, IN	1	0010206629	WSBF272	N
T-Mobile License LLC	D18135	RANDOLPH, IN	2	0010206629	WSBF273	N
T-Mobile License LLC	D18135	RANDOLPH, IN	3	0010206629	WSBF274	N
T-Mobile License LLC	D18137	RIPLEY, IN	2	0010206629	WSBF275	N
T-Mobile License LLC	D18139	RUSH, IN	2	0010206629	WSBF276	N
T-Mobile License LLC	D18143	SCOTT, IN	1	0010206629	WSBF277	N
T-Mobile License LLC	D18143	SCOTT, IN	2	0010206629	WSBF278	N
T-Mobile License LLC	D18143	SCOTT, IN	3	0010206629	WSBF279	N
T-Mobile License LLC	D18145	SHELBY, IN	2	0010206629	WSBF280	N
T-Mobile License LLC	D18149	STARKE, IN	2	0010206629	WSBF281	N
T-Mobile License LLC	D18149	STARKE, IN	3	0010206629	WSBF282	N
T-Mobile License LLC	D18151	STEUBEN, IN	2	0010206629	WSBF283	N
T-Mobile License LLC	D18151	STEUBEN, IN	3	0010206629	WSBF284	N
T-Mobile License LLC	D18153	SULLIVAN, IN	2	0010206629	WSBF285	N
T-Mobile License LLC	D18153	SULLIVAN, IN	3	0010206629	WSBF286	N
T-Mobile License LLC	D18155	SWITZERLAND, IN	1	0010206629	WSBF287	N
T-Mobile License LLC	D18155	SWITZERLAND, IN	2	0010206629	WSBF288	N
T-Mobile License LLC	D18161	UNION, IN	1	0010206629	WSBF289	N
T-Mobile License LLC	D18161	UNION, IN	2	0010206629	WSBF290	N
T-Mobile License LLC	D18161	UNION, IN	3	0010206629	WSBF291	N
T-Mobile License LLC	D18165	VERMILLION, IN	1	0010206629	WSBF292	N
T-Mobile License LLC	D18165	VERMILLION, IN	2	0010206629	WSBF293	N
T-Mobile License LLC	D18165	VERMILLION, IN	3	0010206629	WSBF294	N
T-Mobile License LLC	D18167	VIGO, IN	1	0010206629	WSBF295	N
T-Mobile License LLC	D18167	VIGO, IN	2	0010206629	WSBF296	N
T-Mobile License LLC	D18167	VIGO, IN	3	0010206629	WSBF297	N

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T-Mobile License LLC	D18171	WARREN, IN	1	0010206629	WSBF298	N
T-Mobile License LLC	D18171	WARREN, IN	2	0010206629	WSBF299	N
T-Mobile License LLC	D18171	WARREN, IN	3	0010206629	WSBF300	N
T-Mobile License LLC	D18175	WASHINGTON, IN	1	0010206629	WSBF301	N
T-Mobile License LLC	D18175	WASHINGTON, IN	2	0010206629	WSBF302	N
T-Mobile License LLC	D18175	WASHINGTON, IN	3	0010206629	WSBF303	N
T-Mobile License LLC	D18177	WAYNE, IN	1	0010206629	WSBF304	N
T-Mobile License LLC	D18177	WAYNE, IN	2	0010206629	WSBF305	N
T-Mobile License LLC	D18177	WAYNE, IN	3	0010206629	WSBF306	N
T-Mobile License LLC	D18181	WHITE, IN	1	0010206629	WSBF307	N
T-Mobile License LLC	D18181	WHITE, IN	2	0010206629	WSBF308	N
T-Mobile License LLC	D18181	WHITE, IN	3	0010206629	WSBF309	N
T-Mobile License LLC	D19001	ADAIR, IA	2	0010206629	WSBF310	N
T-Mobile License LLC	D19001	ADAIR, IA	3	0010206629	WSBF311	N
T-Mobile License LLC	D19003	ADAMS, IA	2	0010206629	WSBF312	N
T-Mobile License LLC	D19003	ADAMS, IA	3	0010206629	WSBF313	N
T-Mobile License LLC	D19005	ALLAMAKEE, IA	1	0010206629	WSBF314	N
T-Mobile License LLC	D19005	ALLAMAKEE, IA	2	0010206629	WSBF315	N
T-Mobile License LLC	D19005	ALLAMAKEE, IA	3	0010206629	WSBF316	N
T-Mobile License LLC	D19007	APPANOOSE, IA	2	0010206629	WSBF317	N
T-Mobile License LLC	D19007	APPANOOSE, IA	3	0010206629	WSBF318	N
T-Mobile License LLC	D19009	AUDUBON, IA	1	0010206629	WSBF319	N
T-Mobile License LLC	D19009	AUDUBON, IA	2	0010206629	WSBF320	N
T-Mobile License LLC	D19009	AUDUBON, IA	3	0010206629	WSBF321	N
T-Mobile License LLC	D19011	BENTON, IA	1	0010206629	WSBF322	N
T-Mobile License LLC	D19011	BENTON, IA	2	0010206629	WSBF323	N
T-Mobile License LLC	D19011	BENTON, IA	3	0010206629	WSBF324	N
T-Mobile License LLC	D19013	BLACK HAWK, IA	1	0010206629	WSBF325	N
T-Mobile License LLC	D19013	BLACK HAWK, IA	2	0010206629	WSBF326	N
T-Mobile License LLC	D19013	BLACK HAWK, IA	3	0010206629	WSBF327	N
T-Mobile License LLC	D19017	BREMER, IA	1	0010206629	WSBF328	N
T-Mobile License LLC	D19017	BREMER, IA	2	0010206629	WSBF329	N
T-Mobile License LLC	D19017	BREMER, IA	3	0010206629	WSBF330	N
T-Mobile License LLC	D19019	BUCHANAN, IA	1	0010206629	WSBF331	N
T-Mobile License LLC	D19019	BUCHANAN, IA	2	0010206629	WSBF332	N
T-Mobile License LLC	D19019	BUCHANAN, IA	3	0010206629	WSBF333	N
T-Mobile License LLC	D19021	BUENA VISTA, IA	1	0010206629	WSBF334	N
T-Mobile License LLC	D19021	BUENA VISTA, IA	2	0010206629	WSBF335	N
T-Mobile License LLC	D19021	BUENA VISTA, IA	3	0010206629	WSBF336	N
T-Mobile License LLC	D19023	BUTLER, IA	1	0010206629	WSBF337	N
T-Mobile License LLC	D19023	BUTLER, IA	2	0010206629	WSBF338	N
T-Mobile License LLC	D19025	CALHOUN, IA	1	0010206629	WSBF339	N
T-Mobile License LLC	D19025	CALHOUN, IA	2	0010206629	WSBF340	N
T-Mobile License LLC	D19025	CALHOUN, IA	3	0010206629	WSBF341	N
T-Mobile License LLC	D19027	CARROLL, IA	1	0010206629	WSBF342	N
T-Mobile License LLC	D19027	CARROLL, IA	2	0010206629	WSBF343	N
T-Mobile License LLC	D19027	CARROLL, IA	3	0010206629	WSBF344	N
T-Mobile License LLC	D19029	CASS, IA	1	0010206629	WSBF345	N
T-Mobile License LLC	D19029	CASS, IA	2	0010206629	WSBF346	N
T-Mobile License LLC	D19029	CASS, IA	3	0010206629	WSBF347	N
T-Mobile License LLC	D19031	CEDAR, IA	1	0010206629	WSBF348	N
T-Mobile License LLC	D19031	CEDAR, IA	2	0010206629	WSBF349	N
T-Mobile License LLC	D19031	CEDAR, IA	3	0010206629	WSBF350	N
T-Mobile License LLC	D19033	CERRO GORDO, IA	2	0010206629	WSBF351	N
T-Mobile License LLC	D19033	CERRO GORDO, IA	3	0010206629	WSBF352	N
T-Mobile License LLC	D19035	CHEROKEE, IA	1	0010206629	WSBF353	N

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T-Mobile License LLC	D19035	CHEROKEE, IA	2	0010206629	WSBF354	N
T-Mobile License LLC	D19035	CHEROKEE, IA	3	0010206629	WSBF355	N
T-Mobile License LLC	D19037	CHICKASAW, IA	1	0010206629	WSBF356	N
T-Mobile License LLC	D19037	CHICKASAW, IA	2	0010206629	WSBF357	N
T-Mobile License LLC	D19037	CHICKASAW, IA	3	0010206629	WSBF358	N
T-Mobile License LLC	D19039	CLARKE, IA	2	0010206629	WSBF359	N
T-Mobile License LLC	D19039	CLARKE, IA	3	0010206629	WSBF360	N
T-Mobile License LLC	D19041	CLAY, IA	1	0010206629	WSBF361	N
T-Mobile License LLC	D19041	CLAY, IA	2	0010206629	WSBF362	N
T-Mobile License LLC	D19041	CLAY, IA	3	0010206629	WSBF363	N
T-Mobile License LLC	D19043	CLAYTON, IA	1	0010206629	WSBF364	N
T-Mobile License LLC	D19043	CLAYTON, IA	2	0010206629	WSBF365	N
T-Mobile License LLC	D19043	CLAYTON, IA	3	0010206629	WSBF366	N
T-Mobile License LLC	D19045	CLINTON, IA	1	0010206629	WSBF367	N
T-Mobile License LLC	D19045	CLINTON, IA	2	0010206629	WSBF368	N
T-Mobile License LLC	D19045	CLINTON, IA	3	0010206629	WSBF369	N
T-Mobile License LLC	D19047	CRAWFORD, IA	1	0010206629	WSBF370	N
T-Mobile License LLC	D19047	CRAWFORD, IA	2	0010206629	WSBF371	N
T-Mobile License LLC	D19047	CRAWFORD, IA	3	0010206629	WSBF372	N
T-Mobile License LLC	D19049	DALLAS, IA	1	0010206629	WSBF373	N
T-Mobile License LLC	D19049	DALLAS, IA	2	0010206629	WSBF374	N
T-Mobile License LLC	D19051	DAVIS, IA	2	0010206629	WSBF375	N
T-Mobile License LLC	D19053	DECATUR, IA	1	0010206629	WSBF376	N
T-Mobile License LLC	D19053	DECATUR, IA	2	0010206629	WSBF377	N
T-Mobile License LLC	D19053	DECATUR, IA	3	0010206629	WSBF378	N
T-Mobile License LLC	D19055	DELAWARE, IA	2	0010206629	WSBF379	N
T-Mobile License LLC	D19055	DELAWARE, IA	3	0010206629	WSBF380	N
T-Mobile License LLC	D19057	DES MOINES, IA	2	0010206629	WSBF381	N
T-Mobile License LLC	D19057	DES MOINES, IA	3	0010206629	WSBF382	N
T-Mobile License LLC	D19061	DUBUQUE, IA	2	0010206629	WSBF383	N
T-Mobile License LLC	D19061	DUBUQUE, IA	3	0010206629	WSBF384	N
T-Mobile License LLC	D19063	EMMET, IA	1	0010206629	WSBF385	N
T-Mobile License LLC	D19063	EMMET, IA	2	0010206629	WSBF386	N
T-Mobile License LLC	D19065	FAYETTE, IA	1	0010206629	WSBF387	N
T-Mobile License LLC	D19065	FAYETTE, IA	2	0010206629	WSBF388	N
T-Mobile License LLC	D19065	FAYETTE, IA	3	0010206629	WSBF389	N
T-Mobile License LLC	D19067	FLOYD, IA	1	0010206629	WSBF390	N
T-Mobile License LLC	D19067	FLOYD, IA	2	0010206629	WSBF391	N
T-Mobile License LLC	D19067	FLOYD, IA	3	0010206629	WSBF392	N
T-Mobile License LLC	D19069	FRANKLIN, IA	1	0010206629	WSBF393	N
T-Mobile License LLC	D19069	FRANKLIN, IA	2	0010206629	WSBF394	N
T-Mobile License LLC	D19069	FRANKLIN, IA	3	0010206629	WSBF395	N
T-Mobile License LLC	D19071	FREMONT, IA	2	0010206629	WSBF396	N
T-Mobile License LLC	D19071	FREMONT, IA	3	0010206629	WSBF397	N
T-Mobile License LLC	D19073	GREENE, IA	2	0010206629	WSBF398	N
T-Mobile License LLC	D19073	GREENE, IA	3	0010206629	WSBF399	N
T-Mobile License LLC	D19075	GRUNDY, IA	1	0010206629	WSBF400	N
T-Mobile License LLC	D19075	GRUNDY, IA	2	0010206629	WSBF401	N
T-Mobile License LLC	D19077	GUTHRIE, IA	2	0010206629	WSBF402	N
T-Mobile License LLC	D19079	HAMILTON, IA	2	0010206629	WSBF403	N
T-Mobile License LLC	D19079	HAMILTON, IA	3	0010206629	WSBF404	N
T-Mobile License LLC	D19081	HANCOCK, IA	1	0010206629	WSBF405	N
T-Mobile License LLC	D19081	HANCOCK, IA	2	0010206629	WSBF406	N
T-Mobile License LLC	D19081	HANCOCK, IA	3	0010206629	WSBF407	N
T-Mobile License LLC	D19083	HARDIN, IA	1	0010206629	WSBF408	N
T-Mobile License LLC	D19083	HARDIN, IA	2	0010206629	WSBF409	N

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T-Mobile License LLC	D19085	HARRISON, IA	1	0010206629	WSBF410	N
T-Mobile License LLC	D19085	HARRISON, IA	2	0010206629	WSBF411	N
T-Mobile License LLC	D19085	HARRISON, IA	3	0010206629	WSBF412	N
T-Mobile License LLC	D19087	HENRY, IA	2	0010206629	WSBF413	N
T-Mobile License LLC	D19087	HENRY, IA	3	0010206629	WSBF414	N
T-Mobile License LLC	D19089	HOWARD, IA	2	0010206629	WSBF415	N
T-Mobile License LLC	D19089	HOWARD, IA	3	0010206629	WSBF416	N
T-Mobile License LLC	D19091	HUMBOLDT, IA	1	0010206629	WSBF417	N
T-Mobile License LLC	D19091	HUMBOLDT, IA	2	0010206629	WSBF418	N
T-Mobile License LLC	D19091	HUMBOLDT, IA	3	0010206629	WSBF419	N
T-Mobile License LLC	D19093	IDA, IA	1	0010206629	WSBF420	N
T-Mobile License LLC	D19093	IDA, IA	2	0010206629	WSBF421	N
T-Mobile License LLC	D19093	IDA, IA	3	0010206629	WSBF422	N
T-Mobile License LLC	D19095	IOWA, IA	1	0010206629	WSBF423	N
T-Mobile License LLC	D19095	IOWA, IA	2	0010206629	WSBF424	N
T-Mobile License LLC	D19095	IOWA, IA	3	0010206629	WSBF425	N
T-Mobile License LLC	D19097	JACKSON, IA	1	0010206629	WSBF426	N
T-Mobile License LLC	D19097	JACKSON, IA	2	0010206629	WSBF427	N
T-Mobile License LLC	D19097	JACKSON, IA	3	0010206629	WSBF428	N
T-Mobile License LLC	D19099	JASPER, IA	2	0010206629	WSBF429	N
T-Mobile License LLC	D19099	JASPER, IA	3	0010206629	WSBF430	N
T-Mobile License LLC	D19101	JEFFERSON, IA	1	0010206629	WSBF431	N
T-Mobile License LLC	D19101	JEFFERSON, IA	2	0010206629	WSBF432	N
T-Mobile License LLC	D19103	JOHNSON, IA	1	0010206629	WSBF433	N
T-Mobile License LLC	D19103	JOHNSON, IA	2	0010206629	WSBF434	N
T-Mobile License LLC	D19105	JONES, IA	1	0010206629	WSBF435	N
T-Mobile License LLC	D19105	JONES, IA	2	0010206629	WSBF436	N
T-Mobile License LLC	D19105	JONES, IA	3	0010206629	WSBF437	N
T-Mobile License LLC	D19107	KEOKUK, IA	1	0010206629	WSBF438	N
T-Mobile License LLC	D19107	KEOKUK, IA	2	0010206629	WSBF439	N
T-Mobile License LLC	D19107	KEOKUK, IA	3	0010206629	WSBF440	N
T-Mobile License LLC	D19109	KOSSUTH, IA	1	0010206629	WSBF441	N
T-Mobile License LLC	D19109	KOSSUTH, IA	2	0010206629	WSBF442	N
T-Mobile License LLC	D19109	KOSSUTH, IA	3	0010206629	WSBF443	N
T-Mobile License LLC	D19111	LEE, IA	2	0010206629	WSBF444	N
T-Mobile License LLC	D19111	LEE, IA	3	0010206629	WSBF445	N
T-Mobile License LLC	D19113	LINN, IA	1	0010206629	WSBF446	N
T-Mobile License LLC	D19113	LINN, IA	2	0010206629	WSBF447	N
T-Mobile License LLC	D19113	LINN, IA	3	0010206629	WSBF448	N
T-Mobile License LLC	D19115	LOUISA, IA	2	0010206629	WSBF449	N
T-Mobile License LLC	D19115	LOUISA, IA	3	0010206629	WSBF450	N
T-Mobile License LLC	D19117	LUCAS, IA	2	0010206629	WSBF451	N
T-Mobile License LLC	D19117	LUCAS, IA	3	0010206629	WSBF452	N
T-Mobile License LLC	D19119	LYON, IA	1	0010206629	WSBF453	N
T-Mobile License LLC	D19119	LYON, IA	2	0010206629	WSBF454	N
T-Mobile License LLC	D19119	LYON, IA	3	0010206629	WSBF455	N
T-Mobile License LLC	D19123	MAHASKA, IA	1	0010206629	WSBF456	N
T-Mobile License LLC	D19123	MAHASKA, IA	2	0010206629	WSBF457	N
T-Mobile License LLC	D19123	MAHASKA, IA	3	0010206629	WSBF458	N
T-Mobile License LLC	D19125	MARION, IA	2	0010206629	WSBF459	N
T-Mobile License LLC	D19125	MARION, IA	3	0010206629	WSBF460	N
T-Mobile License LLC	D19127	MARSHALL, IA	1	0010206629	WSBF461	N
T-Mobile License LLC	D19127	MARSHALL, IA	2	0010206629	WSBF462	N
T-Mobile License LLC	D19127	MARSHALL, IA	3	0010206629	WSBF463	N
T-Mobile License LLC	D19129	MILLS, IA	1	0010206629	WSBF464	N
T-Mobile License LLC	D19129	MILLS, IA	3	0010206629	WSBF465	N

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T-Mobile License LLC	D19131	MITCHELL, IA	1	0010206629	WSBF466	N
T-Mobile License LLC	D19131	MITCHELL, IA	2	0010206629	WSBF467	N
T-Mobile License LLC	D19131	MITCHELL, IA	3	0010206629	WSBF468	N
T-Mobile License LLC	D19133	MONONA, IA	2	0010206629	WSBF469	N
T-Mobile License LLC	D19133	MONONA, IA	3	0010206629	WSBF470	N
T-Mobile License LLC	D19135	MONROE, IA	1	0010206629	WSBF471	N
T-Mobile License LLC	D19135	MONROE, IA	2	0010206629	WSBF472	N
T-Mobile License LLC	D19135	MONROE, IA	3	0010206629	WSBF473	N
T-Mobile License LLC	D19137	MONTGOMERY, IA	2	0010206629	WSBF474	N
T-Mobile License LLC	D19137	MONTGOMERY, IA	3	0010206629	WSBF475	N
T-Mobile License LLC	D19139	MUSCATINE, IA	2	0010206629	WSBF476	N
T-Mobile License LLC	D19139	MUSCATINE, IA	3	0010206629	WSBF477	N
T-Mobile License LLC	D19141	O'BRIEN, IA	2	0010206629	WSBF478	N
T-Mobile License LLC	D19141	O'BRIEN, IA	3	0010206629	WSBF479	N
T-Mobile License LLC	D19143	OSCEOLA, IA	1	0010206629	WSBF480	N
T-Mobile License LLC	D19143	OSCEOLA, IA	2	0010206629	WSBF481	N
T-Mobile License LLC	D19143	OSCEOLA, IA	3	0010206629	WSBF482	N
T-Mobile License LLC	D19145	PAGE, IA	2	0010206629	WSBF483	N
T-Mobile License LLC	D19145	PAGE, IA	3	0010206629	WSBF484	N
T-Mobile License LLC	D19147	PALO ALTO, IA	1	0010206629	WSBF485	N
T-Mobile License LLC	D19147	PALO ALTO, IA	2	0010206629	WSBF486	N
T-Mobile License LLC	D19147	PALO ALTO, IA	3	0010206629	WSBF487	N
T-Mobile License LLC	D19149	PLYMOUTH, IA	1	0010206629	WSBF488	N
T-Mobile License LLC	D19149	PLYMOUTH, IA	2	0010206629	WSBF489	N
T-Mobile License LLC	D19149	PLYMOUTH, IA	3	0010206629	WSBF490	N
T-Mobile License LLC	D19151	POCAHONTAS, IA	1	0010206629	WSBF491	N
T-Mobile License LLC	D19151	POCAHONTAS, IA	2	0010206629	WSBF492	N
T-Mobile License LLC	D19151	POCAHONTAS, IA	3	0010206629	WSBF493	N
T-Mobile License LLC	D19155	POTTAWATTAMIE, IA	2	0010206629	WSBF494	N
T-Mobile License LLC	D19155	POTTAWATTAMIE, IA	3	0010206629	WSBF495	N
T-Mobile License LLC	D19157	POWESHIEK, IA	1	0010206629	WSBF496	N
T-Mobile License LLC	D19157	POWESHIEK, IA	2	0010206629	WSBF497	N
T-Mobile License LLC	D19157	POWESHIEK, IA	3	0010206629	WSBF498	N
T-Mobile License LLC	D19159	RINGGOLD, IA	1	0010206629	WSBF499	N
T-Mobile License LLC	D19159	RINGGOLD, IA	2	0010206629	WSBF500	N
T-Mobile License LLC	D19159	RINGGOLD, IA	3	0010206629	WSBF501	N
T-Mobile License LLC	D19161	SAC, IA	1	0010206629	WSBF502	N
T-Mobile License LLC	D19161	SAC, IA	2	0010206629	WSBF503	N
T-Mobile License LLC	D19161	SAC, IA	3	0010206629	WSBF504	N
T-Mobile License LLC	D19163	SCOTT, IA	2	0010206629	WSBF505	N
T-Mobile License LLC	D19165	SHELBY, IA	2	0010206629	WSBF506	N
T-Mobile License LLC	D19165	SHELBY, IA	3	0010206629	WSBF507	N
T-Mobile License LLC	D19167	SIOUX, IA	1	0010206629	WSBF508	N
T-Mobile License LLC	D19167	SIOUX, IA	2	0010206629	WSBF509	N
T-Mobile License LLC	D19167	SIOUX, IA	3	0010206629	WSBF510	N
T-Mobile License LLC	D19169	STORY, IA	2	0010206629	WSBF511	N
T-Mobile License LLC	D19171	TAMA, IA	1	0010206629	WSBF512	N
T-Mobile License LLC	D19171	TAMA, IA	2	0010206629	WSBF513	N
T-Mobile License LLC	D19171	TAMA, IA	3	0010206629	WSBF514	N
T-Mobile License LLC	D19173	TAYLOR, IA	2	0010206629	WSBF515	N
T-Mobile License LLC	D19173	TAYLOR, IA	3	0010206629	WSBF516	N
T-Mobile License LLC	D19175	UNION, IA	2	0010206629	WSBF517	N
T-Mobile License LLC	D19175	UNION, IA	3	0010206629	WSBF518	N
T-Mobile License LLC	D19177	VAN BUREN, IA	2	0010206629	WSBF519	N
T-Mobile License LLC	D19179	WAPELLO, IA	2	0010206629	WSBF520	N
T-Mobile License LLC	D19183	WASHINGTON, IA	2	0010206629	WSBF521	N

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T-Mobile License LLC	D19183	WASHINGTON, IA	3	0010206629	WSBF522	N
T-Mobile License LLC	D19185	WAYNE, IA	2	0010206629	WSBF523	N
T-Mobile License LLC	D19185	WAYNE, IA	3	0010206629	WSBF524	N
T-Mobile License LLC	D19187	WEBSTER, IA	2	0010206629	WSBF525	N
T-Mobile License LLC	D19187	WEBSTER, IA	3	0010206629	WSBF526	N
T-Mobile License LLC	D19189	WINNEBAGO, IA	1	0010206629	WSBF527	N
T-Mobile License LLC	D19189	WINNEBAGO, IA	2	0010206629	WSBF528	N
T-Mobile License LLC	D19189	WINNEBAGO, IA	3	0010206629	WSBF529	N
T-Mobile License LLC	D19191	WINNESHIEK, IA	2	0010206629	WSBF530	N
T-Mobile License LLC	D19191	WINNESHIEK, IA	3	0010206629	WSBF531	N
T-Mobile License LLC	D19193	WOODBURY, IA	1	0010206629	WSBF532	N
T-Mobile License LLC	D19193	WOODBURY, IA	2	0010206629	WSBF533	N
T-Mobile License LLC	D19193	WOODBURY, IA	3	0010206629	WSBF534	N
T-Mobile License LLC	D19195	WORTH, IA	1	0010206629	WSBF535	N
T-Mobile License LLC	D19195	WORTH, IA	2	0010206629	WSBF536	N
T-Mobile License LLC	D19195	WORTH, IA	3	0010206629	WSBF537	N
T-Mobile License LLC	D19197	WRIGHT, IA	1	0010206629	WSBF538	N
T-Mobile License LLC	D19197	WRIGHT, IA	2	0010206629	WSBF539	N
T-Mobile License LLC	D19197	WRIGHT, IA	3	0010206629	WSBF540	N
T-Mobile License LLC	D20001	ALLEN, KS	2	0010206629	WSBF541	N
T-Mobile License LLC	D20003	ANDERSON, KS	1	0010206629	WSBF542	N
T-Mobile License LLC	D20003	ANDERSON, KS	2	0010206629	WSBF543	N
T-Mobile License LLC	D20007	BARBER, KS	2	0010206629	WSBF544	N
T-Mobile License LLC	D20007	BARBER, KS	3	0010206629	WSBF545	N
T-Mobile License LLC	D20009	BARTON, KS	2	0010206629	WSBF546	N
T-Mobile License LLC	D20009	BARTON, KS	3	0010206629	WSBF547	N
T-Mobile License LLC	D20011	BOURBON, KS	2	0010206629	WSBF548	N
T-Mobile License LLC	D20011	BOURBON, KS	3	0010206629	WSBF549	N
T-Mobile License LLC	D20013	BROWN, KS	1	0010206629	WSBF550	N
T-Mobile License LLC	D20013	BROWN, KS	2	0010206629	WSBF551	N
T-Mobile License LLC	D20013	BROWN, KS	3	0010206629	WSBF552	N
T-Mobile License LLC	D20015	BUTLER, KS	2	0010206629	WSBF553	N
T-Mobile License LLC	D20015	BUTLER, KS	3	0010206629	WSBF554	N
T-Mobile License LLC	D20017	CHASE, KS	2	0010206629	WSBF555	N
T-Mobile License LLC	D20017	CHASE, KS	3	0010206629	WSBF556	N
T-Mobile License LLC	D20019	CHAUTAUQUA, KS	1	0010206629	WSBF557	N
T-Mobile License LLC	D20019	CHAUTAUQUA, KS	2	0010206629	WSBF558	N
T-Mobile License LLC	D20019	CHAUTAUQUA, KS	3	0010206629	WSBF559	N
T-Mobile License LLC	D20021	CHEROKEE, KS	1	0010206629	WSBF560	N
T-Mobile License LLC	D20021	CHEROKEE, KS	2	0010206629	WSBF561	N
T-Mobile License LLC	D20023	CHEYENNE, KS	1	0010206629	WSBF562	N
T-Mobile License LLC	D20023	CHEYENNE, KS	2	0010206629	WSBF563	N
T-Mobile License LLC	D20023	CHEYENNE, KS	3	0010206629	WSBF564	N
T-Mobile License LLC	D20025	CLARK, KS	2	0010206629	WSBF565	N
T-Mobile License LLC	D20025	CLARK, KS	3	0010206629	WSBF566	N
T-Mobile License LLC	D20027	CLAY, KS	2	0010206629	WSBF567	N
T-Mobile License LLC	D20027	CLAY, KS	3	0010206629	WSBF568	N
T-Mobile License LLC	D20029	CLOUD, KS	2	0010206629	WSBF569	N
T-Mobile License LLC	D20029	CLOUD, KS	3	0010206629	WSBF570	N
T-Mobile License LLC	D20031	COFFEY, KS	3	0010206629	WSBF571	N
T-Mobile License LLC	D20033	COMANCHE, KS	2	0010206629	WSBF572	N
T-Mobile License LLC	D20033	COMANCHE, KS	3	0010206629	WSBF573	N
T-Mobile License LLC	D20035	COWLEY, KS	2	0010206629	WSBF574	N
T-Mobile License LLC	D20035	COWLEY, KS	3	0010206629	WSBF575	N
T-Mobile License LLC	D20037	CRAWFORD, KS	2	0010206629	WSBF576	N
T-Mobile License LLC	D20037	CRAWFORD, KS	3	0010206629	WSBF577	N

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T-Mobile License LLC	D20039	DECATUR, KS	1	0010206629	WSBF578	N
T-Mobile License LLC	D20039	DECATUR, KS	2	0010206629	WSBF579	N
T-Mobile License LLC	D20039	DECATUR, KS	3	0010206629	WSBF580	N
T-Mobile License LLC	D20041	DICKINSON, KS	2	0010206629	WSBF581	N
T-Mobile License LLC	D20041	DICKINSON, KS	3	0010206629	WSBF582	N
T-Mobile License LLC	D20043	DONIPHAN, KS	1	0010206629	WSBF583	N
T-Mobile License LLC	D20043	DONIPHAN, KS	2	0010206629	WSBF584	N
T-Mobile License LLC	D20043	DONIPHAN, KS	3	0010206629	WSBF585	N
T-Mobile License LLC	D20045	DOUGLAS, KS	2	0010206629	WSBF586	N
T-Mobile License LLC	D20045	DOUGLAS, KS	3	0010206629	WSBF587	N
T-Mobile License LLC	D20047	EDWARDS, KS	2	0010206629	WSBF588	N
T-Mobile License LLC	D20047	EDWARDS, KS	3	0010206629	WSBF589	N
T-Mobile License LLC	D20049	ELK, KS	2	0010206629	WSBF590	N
T-Mobile License LLC	D20049	ELK, KS	3	0010206629	WSBF591	N
T-Mobile License LLC	D20051	ELLIS, KS	2	0010206629	WSBF592	N
T-Mobile License LLC	D20051	ELLIS, KS	3	0010206629	WSBF593	N
T-Mobile License LLC	D20053	ELLSWORTH, KS	2	0010206629	WSBF594	N
T-Mobile License LLC	D20053	ELLSWORTH, KS	3	0010206629	WSBF595	N
T-Mobile License LLC	D20055	FINNEY, KS	2	0010206629	WSBF596	N
T-Mobile License LLC	D20055	FINNEY, KS	3	0010206629	WSBF597	N
T-Mobile License LLC	D20057	FORD, KS	2	0010206629	WSBF598	N
T-Mobile License LLC	D20057	FORD, KS	3	0010206629	WSBF599	N
T-Mobile License LLC	D20059	FRANKLIN, KS	2	0010206629	WSBF600	N
T-Mobile License LLC	D20061	GEARY, KS	2	0010206629	WSBF601	N
T-Mobile License LLC	D20061	GEARY, KS	3	0010206629	WSBF602	N
T-Mobile License LLC	D20063	GOVE, KS	1	0010206629	WSBF603	N
T-Mobile License LLC	D20063	GOVE, KS	2	0010206629	WSBF604	N
T-Mobile License LLC	D20063	GOVE, KS	3	0010206629	WSBF605	N
T-Mobile License LLC	D20065	GRAHAM, KS	1	0010206629	WSBF606	N
T-Mobile License LLC	D20065	GRAHAM, KS	2	0010206629	WSBF607	N
T-Mobile License LLC	D20067	GRANT, KS	1	0010206629	WSBF608	N
T-Mobile License LLC	D20067	GRANT, KS	2	0010206629	WSBF609	N
T-Mobile License LLC	D20067	GRANT, KS	3	0010206629	WSBF610	N
T-Mobile License LLC	D20069	GRAY, KS	2	0010206629	WSBF611	N
T-Mobile License LLC	D20069	GRAY, KS	3	0010206629	WSBF612	N
T-Mobile License LLC	D20071	GREELEY, KS	1	0010206629	WSBF613	N
T-Mobile License LLC	D20071	GREELEY, KS	2	0010206629	WSBF614	N
T-Mobile License LLC	D20071	GREELEY, KS	3	0010206629	WSBF615	N
T-Mobile License LLC	D20073	GREENWOOD, KS	2	0010206629	WSBF616	N
T-Mobile License LLC	D20073	GREENWOOD, KS	3	0010206629	WSBF617	N
T-Mobile License LLC	D20075	HAMILTON, KS	1	0010206629	WSBF618	N
T-Mobile License LLC	D20075	HAMILTON, KS	2	0010206629	WSBF619	N
T-Mobile License LLC	D20075	HAMILTON, KS	3	0010206629	WSBF620	N
T-Mobile License LLC	D20077	HARPER, KS	1	0010206629	WSBF621	N
T-Mobile License LLC	D20077	HARPER, KS	2	0010206629	WSBF622	N
T-Mobile License LLC	D20077	HARPER, KS	3	0010206629	WSBF623	N
T-Mobile License LLC	D20079	HARVEY, KS	3	0010206629	WSBF624	N
T-Mobile License LLC	D20081	HASKELL, KS	1	0010206629	WSBF625	N
T-Mobile License LLC	D20081	HASKELL, KS	2	0010206629	WSBF626	N
T-Mobile License LLC	D20081	HASKELL, KS	3	0010206629	WSBF627	N
T-Mobile License LLC	D20083	HODGEMAN, KS	2	0010206629	WSBF628	N
T-Mobile License LLC	D20083	HODGEMAN, KS	3	0010206629	WSBF629	N
T-Mobile License LLC	D20089	JEWELL, KS	1	0010206629	WSBF630	N
T-Mobile License LLC	D20089	JEWELL, KS	2	0010206629	WSBF631	N
T-Mobile License LLC	D20089	JEWELL, KS	3	0010206629	WSBF632	N
T-Mobile License LLC	D20093	KEARNY, KS	1	0010206629	WSBF633	N

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T-Mobile License LLC	D20093	KEARNY, KS	2	0010206629	WSBF634	N
T-Mobile License LLC	D20093	KEARNY, KS	3	0010206629	WSBF635	N
T-Mobile License LLC	D20095	KINGMAN, KS	2	0010206629	WSBF636	N
T-Mobile License LLC	D20095	KINGMAN, KS	3	0010206629	WSBF637	N
T-Mobile License LLC	D20097	KIOWA, KS	2	0010206629	WSBF638	N
T-Mobile License LLC	D20097	KIOWA, KS	3	0010206629	WSBF639	N
T-Mobile License LLC	D20099	LABETTE, KS	2	0010206629	WSBF640	N
T-Mobile License LLC	D20099	LABETTE, KS	3	0010206629	WSBF641	N
T-Mobile License LLC	D20101	LANE, KS	1	0010206629	WSBF642	N
T-Mobile License LLC	D20101	LANE, KS	2	0010206629	WSBF643	N
T-Mobile License LLC	D20101	LANE, KS	3	0010206629	WSBF644	N
T-Mobile License LLC	D20105	LINCOLN, KS	1	0010206629	WSBF645	N
T-Mobile License LLC	D20105	LINCOLN, KS	2	0010206629	WSBF646	N
T-Mobile License LLC	D20105	LINCOLN, KS	3	0010206629	WSBF647	N
T-Mobile License LLC	D20107	LINN, KS	1	0010206629	WSBF648	N
T-Mobile License LLC	D20107	LINN, KS	2	0010206629	WSBF649	N
T-Mobile License LLC	D20109	LOGAN, KS	1	0010206629	WSBF650	N
T-Mobile License LLC	D20109	LOGAN, KS	2	0010206629	WSBF651	N
T-Mobile License LLC	D20109	LOGAN, KS	3	0010206629	WSBF652	N
T-Mobile License LLC	D20111	LYON, KS	2	0010206629	WSBF653	N
T-Mobile License LLC	D20113	MCPHERSON, KS	3	0010206629	WSBF654	N
T-Mobile License LLC	D20115	MARION, KS	2	0010206629	WSBF655	N
T-Mobile License LLC	D20115	MARION, KS	3	0010206629	WSBF656	N
T-Mobile License LLC	D20117	MARSHALL, KS	1	0010206629	WSBF657	N
T-Mobile License LLC	D20117	MARSHALL, KS	2	0010206629	WSBF658	N
T-Mobile License LLC	D20119	MEADE, KS	2	0010206629	WSBF659	N
T-Mobile License LLC	D20119	MEADE, KS	3	0010206629	WSBF660	N
T-Mobile License LLC	D20121	MIAMI, KS	2	0010206629	WSBF661	N
T-Mobile License LLC	D20123	MITCHELL, KS	2	0010206629	WSBF662	N
T-Mobile License LLC	D20123	MITCHELL, KS	3	0010206629	WSBF663	N
T-Mobile License LLC	D20125	MONTGOMERY, KS	2	0010206629	WSBF664	N
T-Mobile License LLC	D20125	MONTGOMERY, KS	3	0010206629	WSBF665	N
T-Mobile License LLC	D20127	MORRIS, KS	2	0010206629	WSBF666	N
T-Mobile License LLC	D20127	MORRIS, KS	3	0010206629	WSBF667	N
T-Mobile License LLC	D20129	MORTON, KS	2	0010206629	WSBF668	N
T-Mobile License LLC	D20129	MORTON, KS	3	0010206629	WSBF669	N
T-Mobile License LLC	D20131	NEMAHA, KS	2	0010206629	WSBF670	N
T-Mobile License LLC	D20133	NEOSHO, KS	2	0010206629	WSBF671	N
T-Mobile License LLC	D20135	NESS, KS	1	0010206629	WSBF672	N
T-Mobile License LLC	D20135	NESS, KS	2	0010206629	WSBF673	N
T-Mobile License LLC	D20137	NORTON, KS	1	0010206629	WSBF674	N
T-Mobile License LLC	D20137	NORTON, KS	2	0010206629	WSBF675	N
T-Mobile License LLC	D20137	NORTON, KS	3	0010206629	WSBF676	N
T-Mobile License LLC	D20141	OSBORNE, KS	1	0010206629	WSBF677	N
T-Mobile License LLC	D20141	OSBORNE, KS	2	0010206629	WSBF678	N
T-Mobile License LLC	D20143	OTTAWA, KS	2	0010206629	WSBF679	N
T-Mobile License LLC	D20143	OTTAWA, KS	3	0010206629	WSBF680	N
T-Mobile License LLC	D20145	PAWNEE, KS	1	0010206629	WSBF681	N
T-Mobile License LLC	D20147	PHILLIPS, KS	1	0010206629	WSBF682	N
T-Mobile License LLC	D20147	PHILLIPS, KS	2	0010206629	WSBF683	N
T-Mobile License LLC	D20147	PHILLIPS, KS	3	0010206629	WSBF684	N
T-Mobile License LLC	D20149	POTTAWATOMIE, KS	1	0010206629	WSBF685	N
T-Mobile License LLC	D20149	POTTAWATOMIE, KS	2	0010206629	WSBF686	N
T-Mobile License LLC	D20149	POTTAWATOMIE, KS	3	0010206629	WSBF687	N
T-Mobile License LLC	D20151	PRATT, KS	2	0010206629	WSBF688	N
T-Mobile License LLC	D20151	PRATT, KS	3	0010206629	WSBF689	N

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T-Mobile License LLC	D20153	RAWLINS, KS	1	0010206629	WSBF690	N
T-Mobile License LLC	D20153	RAWLINS, KS	2	0010206629	WSBF691	N
T-Mobile License LLC	D20153	RAWLINS, KS	3	0010206629	WSBF692	N
T-Mobile License LLC	D20155	RENO, KS	2	0010206629	WSBF693	N
T-Mobile License LLC	D20155	RENO, KS	3	0010206629	WSBF694	N
T-Mobile License LLC	D20157	REPUBLIC, KS	2	0010206629	WSBF695	N
T-Mobile License LLC	D20157	REPUBLIC, KS	3	0010206629	WSBF696	N
T-Mobile License LLC	D20159	RICE, KS	2	0010206629	WSBF697	N
T-Mobile License LLC	D20159	RICE, KS	3	0010206629	WSBF698	N
T-Mobile License LLC	D20161	RILEY, KS	2	0010206629	WSBF699	N
T-Mobile License LLC	D20161	RILEY, KS	3	0010206629	WSBF700	N
T-Mobile License LLC	D20163	ROOKS, KS	2	0010206629	WSBF701	N
T-Mobile License LLC	D20163	ROOKS, KS	3	0010206629	WSBF702	N
T-Mobile License LLC	D20165	RUSH, KS	1	0010206629	WSBF703	N
T-Mobile License LLC	D20165	RUSH, KS	2	0010206629	WSBF704	N
T-Mobile License LLC	D20167	RUSSELL, KS	2	0010206629	WSBF705	N
T-Mobile License LLC	D20167	RUSSELL, KS	3	0010206629	WSBF706	N
T-Mobile License LLC	D20169	SALINE, KS	2	0010206629	WSBF707	N
T-Mobile License LLC	D20169	SALINE, KS	3	0010206629	WSBF708	N
T-Mobile License LLC	D20171	SCOTT, KS	1	0010206629	WSBF709	N
T-Mobile License LLC	D20171	SCOTT, KS	2	0010206629	WSBF710	N
T-Mobile License LLC	D20171	SCOTT, KS	3	0010206629	WSBF711	N
T-Mobile License LLC	D20173	SEDGWICK, KS	3	0010206629	WSBF712	N
T-Mobile License LLC	D20175	SEWARD, KS	2	0010206629	WSBF713	N
T-Mobile License LLC	D20175	SEWARD, KS	3	0010206629	WSBF714	N
T-Mobile License LLC	D20179	SHERIDAN, KS	1	0010206629	WSBF715	N
T-Mobile License LLC	D20179	SHERIDAN, KS	2	0010206629	WSBF716	N
T-Mobile License LLC	D20179	SHERIDAN, KS	3	0010206629	WSBF717	N
T-Mobile License LLC	D20181	SHERMAN, KS	1	0010206629	WSBF718	N
T-Mobile License LLC	D20181	SHERMAN, KS	2	0010206629	WSBF719	N
T-Mobile License LLC	D20181	SHERMAN, KS	3	0010206629	WSBF720	N
T-Mobile License LLC	D20183	SMITH, KS	1	0010206629	WSBF721	N
T-Mobile License LLC	D20183	SMITH, KS	2	0010206629	WSBF722	N
T-Mobile License LLC	D20183	SMITH, KS	3	0010206629	WSBF723	N
T-Mobile License LLC	D20185	STAFFORD, KS	1	0010206629	WSBF724	N
T-Mobile License LLC	D20185	STAFFORD, KS	2	0010206629	WSBF725	N
T-Mobile License LLC	D20187	STANTON, KS	1	0010206629	WSBF726	N
T-Mobile License LLC	D20187	STANTON, KS	2	0010206629	WSBF727	N
T-Mobile License LLC	D20187	STANTON, KS	3	0010206629	WSBF728	N
T-Mobile License LLC	D20189	STEVENS, KS	1	0010206629	WSBF729	N
T-Mobile License LLC	D20189	STEVENS, KS	2	0010206629	WSBF730	N
T-Mobile License LLC	D20189	STEVENS, KS	3	0010206629	WSBF731	N
T-Mobile License LLC	D20191	SUMNER, KS	1	0010206629	WSBF732	N
T-Mobile License LLC	D20191	SUMNER, KS	2	0010206629	WSBF733	N
T-Mobile License LLC	D20191	SUMNER, KS	3	0010206629	WSBF734	N
T-Mobile License LLC	D20193	THOMAS, KS	1	0010206629	WSBF735	N
T-Mobile License LLC	D20193	THOMAS, KS	2	0010206629	WSBF736	N
T-Mobile License LLC	D20193	THOMAS, KS	3	0010206629	WSBF737	N
T-Mobile License LLC	D20195	TREGO, KS	1	0010206629	WSBF738	N
T-Mobile License LLC	D20195	TREGO, KS	2	0010206629	WSBF739	N
T-Mobile License LLC	D20199	WALLACE, KS	1	0010206629	WSBF740	N
T-Mobile License LLC	D20199	WALLACE, KS	2	0010206629	WSBF741	N
T-Mobile License LLC	D20199	WALLACE, KS	3	0010206629	WSBF742	N
T-Mobile License LLC	D20201	WASHINGTON, KS	1	0010206629	WSBF743	N
T-Mobile License LLC	D20201	WASHINGTON, KS	2	0010206629	WSBF744	N
T-Mobile License LLC	D20201	WASHINGTON, KS	3	0010206629	WSBF745	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D20203	WICHITA, KS	1	0010206629	WSBF746	N
T-Mobile License LLC	D20203	WICHITA, KS	2	0010206629	WSBF747	N
T-Mobile License LLC	D20203	WICHITA, KS	3	0010206629	WSBF748	N
T-Mobile License LLC	D20205	WILSON, KS	2	0010206629	WSBF749	N
T-Mobile License LLC	D20205	WILSON, KS	3	0010206629	WSBF750	N
T-Mobile License LLC	D20207	WOODSON, KS	2	0010206629	WSBF751	N
T-Mobile License LLC	D20207	WOODSON, KS	3	0010206629	WSBF752	N
T-Mobile License LLC	D21001	ADAIR, KY	1	0010206629	WSBF753	N
T-Mobile License LLC	D21001	ADAIR, KY	2	0010206629	WSBF754	N
T-Mobile License LLC	D21001	ADAIR, KY	3	0010206629	WSBF755	N
T-Mobile License LLC	D21003	ALLEN, KY	1	0010206629	WSBF756	N
T-Mobile License LLC	D21003	ALLEN, KY	2	0010206629	WSBF757	N
T-Mobile License LLC	D21003	ALLEN, KY	3	0010206629	WSBF758	N
T-Mobile License LLC	D21005	ANDERSON, KY	1	0010206629	WSBF759	N
T-Mobile License LLC	D21005	ANDERSON, KY	2	0010206629	WSBF760	N
T-Mobile License LLC	D21005	ANDERSON, KY	3	0010206629	WSBF761	N
T-Mobile License LLC	D21007	BALLARD, KY	1	0010206629	WSBF762	N
T-Mobile License LLC	D21007	BALLARD, KY	2	0010206629	WSBF763	N
T-Mobile License LLC	D21007	BALLARD, KY	3	0010206629	WSBF764	N
T-Mobile License LLC	D21009	BARREN, KY	1	0010206629	WSBF765	N
T-Mobile License LLC	D21009	BARREN, KY	2	0010206629	WSBF766	N
T-Mobile License LLC	D21009	BARREN, KY	3	0010206629	WSBF767	N
T-Mobile License LLC	D21011	BATH, KY	1	0010206629	WSBF768	N
T-Mobile License LLC	D21011	BATH, KY	2	0010206629	WSBF769	N
T-Mobile License LLC	D21011	BATH, KY	3	0010206629	WSBF770	N
T-Mobile License LLC	D21013	BELL, KY	2	0010206629	WSBF771	N
T-Mobile License LLC	D21013	BELL, KY	3	0010206629	WSBF772	N
T-Mobile License LLC	D21015	BOONE, KY	1	0010206629	WSBF773	N
T-Mobile License LLC	D21015	BOONE, KY	2	0010206629	WSBF774	N
T-Mobile License LLC	D21017	BOURBON, KY	2	0010206629	WSBF775	N
T-Mobile License LLC	D21019	BOYD, KY	1	0010206629	WSBF776	N
T-Mobile License LLC	D21019	BOYD, KY	2	0010206629	WSBF777	N
T-Mobile License LLC	D21019	BOYD, KY	3	0010206629	WSBF778	N
T-Mobile License LLC	D21021	BOYLE, KY	1	0010206629	WSBF779	N
T-Mobile License LLC	D21021	BOYLE, KY	2	0010206629	WSBF780	N
T-Mobile License LLC	D21021	BOYLE, KY	3	0010206629	WSBF781	N
T-Mobile License LLC	D21023	BRACKEN, KY	1	0010206629	WSBF782	N
T-Mobile License LLC	D21023	BRACKEN, KY	2	0010206629	WSBF783	N
T-Mobile License LLC	D21023	BRACKEN, KY	3	0010206629	WSBF784	N
T-Mobile License LLC	D21025	BREATHITT, KY	2	0010206629	WSBF785	N
T-Mobile License LLC	D21025	BREATHITT, KY	3	0010206629	WSBF786	N
T-Mobile License LLC	D21027	BRECKINRIDGE, KY	1	0010206629	WSBF787	N
T-Mobile License LLC	D21027	BRECKINRIDGE, KY	2	0010206629	WSBF788	N
T-Mobile License LLC	D21027	BRECKINRIDGE, KY	3	0010206629	WSBF789	N
T-Mobile License LLC	D21031	BUTLER, KY	1	0010206629	WSBF790	N
T-Mobile License LLC	D21031	BUTLER, KY	2	0010206629	WSBF791	N
T-Mobile License LLC	D21031	BUTLER, KY	3	0010206629	WSBF792	N
T-Mobile License LLC	D21033	CALDWELL, KY	1	0010206629	WSBF793	N
T-Mobile License LLC	D21033	CALDWELL, KY	2	0010206629	WSBF794	N
T-Mobile License LLC	D21033	CALDWELL, KY	3	0010206629	WSBF795	N
T-Mobile License LLC	D21035	CALLOWAY, KY	2	0010206629	WSBF796	N
T-Mobile License LLC	D21035	CALLOWAY, KY	3	0010206629	WSBF797	N
T-Mobile License LLC	D21037	CAMPBELL, KY	1	0010206629	WSBF798	N
T-Mobile License LLC	D21037	CAMPBELL, KY	2	0010206629	WSBF799	N
T-Mobile License LLC	D21039	CARLISLE, KY	2	0010206629	WSBF800	N
T-Mobile License LLC	D21039	CARLISLE, KY	3	0010206629	WSBF801	N

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T-Mobile License LLC	D21041	CARROLL, KY	1	0010206629	WSBF802	N
T-Mobile License LLC	D21041	CARROLL, KY	2	0010206629	WSBF803	N
T-Mobile License LLC	D21043	CARTER, KY	1	0010206629	WSBF804	N
T-Mobile License LLC	D21043	CARTER, KY	2	0010206629	WSBF805	N
T-Mobile License LLC	D21043	CARTER, KY	3	0010206629	WSBF806	N
T-Mobile License LLC	D21045	CASEY, KY	1	0010206629	WSBF807	N
T-Mobile License LLC	D21045	CASEY, KY	2	0010206629	WSBF808	N
T-Mobile License LLC	D21045	CASEY, KY	3	0010206629	WSBF809	N
T-Mobile License LLC	D21047	CHRISTIAN, KY	1	0010206629	WSBF810	N
T-Mobile License LLC	D21047	CHRISTIAN, KY	2	0010206629	WSBF811	N
T-Mobile License LLC	D21047	CHRISTIAN, KY	3	0010206629	WSBF812	N
T-Mobile License LLC	D21049	CLARK, KY	2	0010206629	WSBF813	N
T-Mobile License LLC	D21051	CLAY, KY	2	0010206629	WSBF814	N
T-Mobile License LLC	D21051	CLAY, KY	3	0010206629	WSBF815	N
T-Mobile License LLC	D21053	CLINTON, KY	1	0010206629	WSBF816	N
T-Mobile License LLC	D21053	CLINTON, KY	2	0010206629	WSBF817	N
T-Mobile License LLC	D21053	CLINTON, KY	3	0010206629	WSBF818	N
T-Mobile License LLC	D21055	CRITTENDEN, KY	1	0010206629	WSBF819	N
T-Mobile License LLC	D21055	CRITTENDEN, KY	2	0010206629	WSBF820	N
T-Mobile License LLC	D21055	CRITTENDEN, KY	3	0010206629	WSBF821	N
T-Mobile License LLC	D21057	CUMBERLAND, KY	1	0010206629	WSBF822	N
T-Mobile License LLC	D21057	CUMBERLAND, KY	2	0010206629	WSBF823	N
T-Mobile License LLC	D21057	CUMBERLAND, KY	3	0010206629	WSBF824	N
T-Mobile License LLC	D21061	EDMONSON, KY	1	0010206629	WSBF825	N
T-Mobile License LLC	D21061	EDMONSON, KY	2	0010206629	WSBF826	N
T-Mobile License LLC	D21061	EDMONSON, KY	3	0010206629	WSBF827	N
T-Mobile License LLC	D21063	ELLIOTT, KY	2	0010206629	WSBF828	N
T-Mobile License LLC	D21063	ELLIOTT, KY	3	0010206629	WSBF829	N
T-Mobile License LLC	D21065	ESTILL, KY	1	0010206629	WSBF830	N
T-Mobile License LLC	D21065	ESTILL, KY	3	0010206629	WSBF831	N
T-Mobile License LLC	D21067	FAYETTE, KY	2	0010206629	WSBF832	N
T-Mobile License LLC	D21069	FLEMING, KY	1	0010206629	WSBF833	N
T-Mobile License LLC	D21069	FLEMING, KY	2	0010206629	WSBF834	N
T-Mobile License LLC	D21069	FLEMING, KY	3	0010206629	WSBF835	N
T-Mobile License LLC	D21071	FLOYD, KY	2	0010206629	WSBF836	N
T-Mobile License LLC	D21071	FLOYD, KY	3	0010206629	WSBF837	N
T-Mobile License LLC	D21073	FRANKLIN, KY	1	0010206629	WSBF838	N
T-Mobile License LLC	D21073	FRANKLIN, KY	2	0010206629	WSBF839	N
T-Mobile License LLC	D21073	FRANKLIN, KY	3	0010206629	WSBF840	N
T-Mobile License LLC	D21075	FULTON, KY	1	0010206629	WSBF841	N
T-Mobile License LLC	D21075	FULTON, KY	2	0010206629	WSBF842	N
T-Mobile License LLC	D21075	FULTON, KY	3	0010206629	WSBF843	N
T-Mobile License LLC	D21077	GALLATIN, KY	1	0010206629	WSBF844	N
T-Mobile License LLC	D21077	GALLATIN, KY	2	0010206629	WSBF845	N
T-Mobile License LLC	D21079	GARRARD, KY	1	0010206629	WSBF846	N
T-Mobile License LLC	D21079	GARRARD, KY	2	0010206629	WSBF847	N
T-Mobile License LLC	D21079	GARRARD, KY	3	0010206629	WSBF848	N
T-Mobile License LLC	D21081	GRANT, KY	1	0010206629	WSBF849	N
T-Mobile License LLC	D21081	GRANT, KY	2	0010206629	WSBF850	N
T-Mobile License LLC	D21081	GRANT, KY	3	0010206629	WSBF851	N
T-Mobile License LLC	D21083	GRAVES, KY	2	0010206629	WSBF852	N
T-Mobile License LLC	D21083	GRAVES, KY	3	0010206629	WSBF853	N
T-Mobile License LLC	D21085	GRAYSON, KY	1	0010206629	WSBF854	N
T-Mobile License LLC	D21085	GRAYSON, KY	2	0010206629	WSBF855	N
T-Mobile License LLC	D21085	GRAYSON, KY	3	0010206629	WSBF856	N
T-Mobile License LLC	D21087	GREEN, KY	1	0010206629	WSBF857	N

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T-Mobile License LLC	D21087	GREEN, KY	2	0010206629	WSBF858	N
T-Mobile License LLC	D21087	GREEN, KY	3	0010206629	WSBF859	N
T-Mobile License LLC	D21089	GREENUP, KY	1	0010206629	WSBF860	N
T-Mobile License LLC	D21089	GREENUP, KY	2	0010206629	WSBF861	N
T-Mobile License LLC	D21089	GREENUP, KY	3	0010206629	WSBF862	N
T-Mobile License LLC	D21091	HANCOCK, KY	1	0010206629	WSBF863	N
T-Mobile License LLC	D21091	HANCOCK, KY	2	0010206629	WSBF864	N
T-Mobile License LLC	D21091	HANCOCK, KY	3	0010206629	WSBF865	N
T-Mobile License LLC	D21093	HARDIN, KY	1	0010206629	WSBF866	N
T-Mobile License LLC	D21093	HARDIN, KY	2	0010206629	WSBF867	N
T-Mobile License LLC	D21093	HARDIN, KY	3	0010206629	WSBF868	N
T-Mobile License LLC	D21095	HARLAN, KY	2	0010206629	WSBF869	N
T-Mobile License LLC	D21095	HARLAN, KY	3	0010206629	WSBF870	N
T-Mobile License LLC	D21097	HARRISON, KY	1	0010206629	WSBF871	N
T-Mobile License LLC	D21097	HARRISON, KY	2	0010206629	WSBF872	N
T-Mobile License LLC	D21097	HARRISON, KY	3	0010206629	WSBF873	N
T-Mobile License LLC	D21099	HART, KY	1	0010206629	WSBF874	N
T-Mobile License LLC	D21099	HART, KY	2	0010206629	WSBF875	N
T-Mobile License LLC	D21099	HART, KY	3	0010206629	WSBF876	N
T-Mobile License LLC	D21101	HENDERSON, KY	1	0010206629	WSBF877	N
T-Mobile License LLC	D21101	HENDERSON, KY	2	0010206629	WSBF878	N
T-Mobile License LLC	D21101	HENDERSON, KY	3	0010206629	WSBF879	N
T-Mobile License LLC	D21103	HENRY, KY	1	0010206629	WSBF880	N
T-Mobile License LLC	D21103	HENRY, KY	2	0010206629	WSBF881	N
T-Mobile License LLC	D21103	HENRY, KY	3	0010206629	WSBF882	N
T-Mobile License LLC	D21105	HICKMAN, KY	2	0010206629	WSBF883	N
T-Mobile License LLC	D21105	HICKMAN, KY	3	0010206629	WSBF884	N
T-Mobile License LLC	D21107	HOPKINS, KY	1	0010206629	WSBF885	N
T-Mobile License LLC	D21107	HOPKINS, KY	2	0010206629	WSBF886	N
T-Mobile License LLC	D21107	HOPKINS, KY	3	0010206629	WSBF887	N
T-Mobile License LLC	D21109	JACKSON, KY	2	0010206629	WSBF888	N
T-Mobile License LLC	D21109	JACKSON, KY	3	0010206629	WSBF889	N
T-Mobile License LLC	D21113	JESSAMINE, KY	2	0010206629	WSBF890	N
T-Mobile License LLC	D21115	JOHNSON, KY	2	0010206629	WSBF891	N
T-Mobile License LLC	D21115	JOHNSON, KY	3	0010206629	WSBF892	N
T-Mobile License LLC	D21117	KENTON, KY	1	0010206629	WSBF893	N
T-Mobile License LLC	D21117	KENTON, KY	2	0010206629	WSBF894	N
T-Mobile License LLC	D21119	KNOTT, KY	2	0010206629	WSBF895	N
T-Mobile License LLC	D21119	KNOTT, KY	3	0010206629	WSBF896	N
T-Mobile License LLC	D21121	KNOX, KY	1	0010206629	WSBF897	N
T-Mobile License LLC	D21121	KNOX, KY	3	0010206629	WSBF898	N
T-Mobile License LLC	D21123	LARUE, KY	1	0010206629	WSBF899	N
T-Mobile License LLC	D21123	LARUE, KY	2	0010206629	WSBF900	N
T-Mobile License LLC	D21123	LARUE, KY	3	0010206629	WSBF901	N
T-Mobile License LLC	D21125	LAUREL, KY	3	0010206629	WSBF902	N
T-Mobile License LLC	D21127	LAWRENCE, KY	2	0010206629	WSBF903	N
T-Mobile License LLC	D21127	LAWRENCE, KY	3	0010206629	WSBF904	N
T-Mobile License LLC	D21129	LEE, KY	2	0010206629	WSBF905	N
T-Mobile License LLC	D21129	LEE, KY	3	0010206629	WSBF906	N
T-Mobile License LLC	D21131	LESLIE, KY	2	0010206629	WSBF907	N
T-Mobile License LLC	D21131	LESLIE, KY	3	0010206629	WSBF908	N
T-Mobile License LLC	D21133	LETCHER, KY	2	0010206629	WSBF909	N
T-Mobile License LLC	D21133	LETCHER, KY	3	0010206629	WSBF910	N
T-Mobile License LLC	D21135	LEWIS, KY	1	0010206629	WSBF911	N
T-Mobile License LLC	D21135	LEWIS, KY	2	0010206629	WSBF912	N
T-Mobile License LLC	D21135	LEWIS, KY	3	0010206629	WSBF913	N

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T-Mobile License LLC	D21137	LINCOLN, KY	1	0010206629	WSBF914	N
T-Mobile License LLC	D21137	LINCOLN, KY	2	0010206629	WSBF915	N
T-Mobile License LLC	D21137	LINCOLN, KY	3	0010206629	WSBF916	N
T-Mobile License LLC	D21139	LIVINGSTON, KY	1	0010206629	WSBF917	N
T-Mobile License LLC	D21139	LIVINGSTON, KY	2	0010206629	WSBF918	N
T-Mobile License LLC	D21139	LIVINGSTON, KY	3	0010206629	WSBF919	N
T-Mobile License LLC	D21141	LOGAN, KY	1	0010206629	WSBF920	N
T-Mobile License LLC	D21141	LOGAN, KY	2	0010206629	WSBF921	N
T-Mobile License LLC	D21141	LOGAN, KY	3	0010206629	WSBF922	N
T-Mobile License LLC	D21143	LYON, KY	1	0010206629	WSBF923	N
T-Mobile License LLC	D21143	LYON, KY	2	0010206629	WSBF924	N
T-Mobile License LLC	D21143	LYON, KY	3	0010206629	WSBF925	N
T-Mobile License LLC	D21145	MCCRACKEN, KY	1	0010206629	WSBF926	N
T-Mobile License LLC	D21145	MCCRACKEN, KY	2	0010206629	WSBF927	N
T-Mobile License LLC	D21145	MCCRACKEN, KY	3	0010206629	WSBF928	N
T-Mobile License LLC	D21149	MCLEAN, KY	1	0010206629	WSBF929	N
T-Mobile License LLC	D21149	MCLEAN, KY	2	0010206629	WSBF930	N
T-Mobile License LLC	D21149	MCLEAN, KY	3	0010206629	WSBF931	N
T-Mobile License LLC	D21151	MADISON, KY	1	0010206629	WSBF932	N
T-Mobile License LLC	D21151	MADISON, KY	2	0010206629	WSBF933	N
T-Mobile License LLC	D21151	MADISON, KY	3	0010206629	WSBF934	N
T-Mobile License LLC	D21153	MAGOFFIN, KY	2	0010206629	WSBF935	N
T-Mobile License LLC	D21153	MAGOFFIN, KY	3	0010206629	WSBF936	N
T-Mobile License LLC	D21155	MARION, KY	1	0010206629	WSBF937	N
T-Mobile License LLC	D21155	MARION, KY	2	0010206629	WSBF938	N
T-Mobile License LLC	D21155	MARION, KY	3	0010206629	WSBF939	N
T-Mobile License LLC	D21157	MARSHALL, KY	2	0010206629	WSBF940	N
T-Mobile License LLC	D21157	MARSHALL, KY	3	0010206629	WSBF941	N
T-Mobile License LLC	D21159	MARTIN, KY	2	0010206629	WSBF942	N
T-Mobile License LLC	D21159	MARTIN, KY	3	0010206629	WSBF943	N
T-Mobile License LLC	D21161	MASON, KY	1	0010206629	WSBF944	N
T-Mobile License LLC	D21161	MASON, KY	2	0010206629	WSBF945	N
T-Mobile License LLC	D21161	MASON, KY	3	0010206629	WSBF946	N
T-Mobile License LLC	D21163	MEADE, KY	1	0010206629	WSBF947	N
T-Mobile License LLC	D21163	MEADE, KY	2	0010206629	WSBF948	N
T-Mobile License LLC	D21165	MENIFEE, KY	1	0010206629	WSBF949	N
T-Mobile License LLC	D21165	MENIFEE, KY	2	0010206629	WSBF950	N
T-Mobile License LLC	D21165	MENIFEE, KY	3	0010206629	WSBF951	N
T-Mobile License LLC	D21167	MERCER, KY	1	0010206629	WSBF952	N
T-Mobile License LLC	D21167	MERCER, KY	2	0010206629	WSBF953	N
T-Mobile License LLC	D21167	MERCER, KY	3	0010206629	WSBF954	N
T-Mobile License LLC	D21169	METCALFE, KY	1	0010206629	WSBF955	N
T-Mobile License LLC	D21169	METCALFE, KY	2	0010206629	WSBF956	N
T-Mobile License LLC	D21169	METCALFE, KY	3	0010206629	WSBF957	N
T-Mobile License LLC	D21171	MONROE, KY	1	0010206629	WSBF958	N
T-Mobile License LLC	D21171	MONROE, KY	2	0010206629	WSBF959	N
T-Mobile License LLC	D21171	MONROE, KY	3	0010206629	WSBF960	N
T-Mobile License LLC	D21173	MONTGOMERY, KY	1	0010206629	WSBF961	N
T-Mobile License LLC	D21173	MONTGOMERY, KY	2	0010206629	WSBF962	N
T-Mobile License LLC	D21173	MONTGOMERY, KY	3	0010206629	WSBF963	N
T-Mobile License LLC	D21175	MORGAN, KY	2	0010206629	WSBF964	N
T-Mobile License LLC	D21175	MORGAN, KY	3	0010206629	WSBF965	N
T-Mobile License LLC	D21177	MUHLENBERG, KY	1	0010206629	WSBF966	N
T-Mobile License LLC	D21177	MUHLENBERG, KY	2	0010206629	WSBF967	N
T-Mobile License LLC	D21177	MUHLENBERG, KY	3	0010206629	WSBF968	N
T-Mobile License LLC	D21179	NELSON, KY	1	0010206629	WSBF969	N

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T-Mobile License LLC	D21179	NELSON, KY	2	0010206629	WSBF970	N
T-Mobile License LLC	D21179	NELSON, KY	3	0010206629	WSBF971	N
T-Mobile License LLC	D21181	NICHOLAS, KY	1	0010206629	WSBF972	N
T-Mobile License LLC	D21181	NICHOLAS, KY	2	0010206629	WSBF973	N
T-Mobile License LLC	D21181	NICHOLAS, KY	3	0010206629	WSBF974	N
T-Mobile License LLC	D21183	OHIO, KY	1	0010206629	WSBF975	N
T-Mobile License LLC	D21183	OHIO, KY	2	0010206629	WSBF976	N
T-Mobile License LLC	D21183	OHIO, KY	3	0010206629	WSBF977	N
T-Mobile License LLC	D21185	OLDHAM, KY	2	0010206629	WSBF978	N
T-Mobile License LLC	D21185	OLDHAM, KY	3	0010206629	WSBF979	N
T-Mobile License LLC	D21187	OWEN, KY	1	0010206629	WSBF980	N
T-Mobile License LLC	D21187	OWEN, KY	2	0010206629	WSBF981	N
T-Mobile License LLC	D21187	OWEN, KY	3	0010206629	WSBF982	N
T-Mobile License LLC	D21189	OWSLEY, KY	2	0010206629	WSBF983	N
T-Mobile License LLC	D21189	OWSLEY, KY	3	0010206629	WSBF984	N
T-Mobile License LLC	D21191	PENDLETON, KY	1	0010206629	WSBF985	N
T-Mobile License LLC	D21191	PENDLETON, KY	2	0010206629	WSBF986	N
T-Mobile License LLC	D21191	PENDLETON, KY	3	0010206629	WSBF987	N
T-Mobile License LLC	D21193	PERRY, KY	2	0010206629	WSBF988	N
T-Mobile License LLC	D21193	PERRY, KY	3	0010206629	WSBF989	N
T-Mobile License LLC	D21195	PIKE, KY	2	0010206629	WSBF990	N
T-Mobile License LLC	D21195	PIKE, KY	3	0010206629	WSBF991	N
T-Mobile License LLC	D21197	POWELL, KY	1	0010206629	WSBF992	N
T-Mobile License LLC	D21197	POWELL, KY	3	0010206629	WSBF993	N
T-Mobile License LLC	D21199	PULASKI, KY	1	0010206629	WSBF994	N
T-Mobile License LLC	D21199	PULASKI, KY	2	0010206629	WSBF995	N
T-Mobile License LLC	D21199	PULASKI, KY	3	0010206629	WSBF996	N
T-Mobile License LLC	D21201	ROBERTSON, KY	1	0010206629	WSBF997	N
T-Mobile License LLC	D21201	ROBERTSON, KY	2	0010206629	WSBF998	N
T-Mobile License LLC	D21201	ROBERTSON, KY	3	0010206629	WSBF999	N
T-Mobile License LLC	D21203	ROCKCASTLE, KY	1	0010206629	WSBG200	N
T-Mobile License LLC	D21203	ROCKCASTLE, KY	2	0010206629	WSBG201	N
T-Mobile License LLC	D21203	ROCKCASTLE, KY	3	0010206629	WSBG202	N
T-Mobile License LLC	D21205	ROWAN, KY	1	0010206629	WSBG203	N
T-Mobile License LLC	D21205	ROWAN, KY	2	0010206629	WSBG204	N
T-Mobile License LLC	D21205	ROWAN, KY	3	0010206629	WSBG205	N
T-Mobile License LLC	D21207	RUSSELL, KY	1	0010206629	WSBG206	N
T-Mobile License LLC	D21207	RUSSELL, KY	2	0010206629	WSBG207	N
T-Mobile License LLC	D21207	RUSSELL, KY	3	0010206629	WSBG208	N
T-Mobile License LLC	D21209	SCOTT, KY	2	0010206629	WSBG209	N
T-Mobile License LLC	D21211	SHELBY, KY	1	0010206629	WSBG210	N
T-Mobile License LLC	D21211	SHELBY, KY	2	0010206629	WSBG211	N
T-Mobile License LLC	D21211	SHELBY, KY	3	0010206629	WSBG212	N
T-Mobile License LLC	D21213	SIMPSON, KY	1	0010206629	WSBG213	N
T-Mobile License LLC	D21213	SIMPSON, KY	2	0010206629	WSBG214	N
T-Mobile License LLC	D21213	SIMPSON, KY	3	0010206629	WSBG215	N
T-Mobile License LLC	D21215	SPENCER, KY	1	0010206629	WSBG216	N
T-Mobile License LLC	D21215	SPENCER, KY	2	0010206629	WSBG217	N
T-Mobile License LLC	D21215	SPENCER, KY	3	0010206629	WSBG218	N
T-Mobile License LLC	D21217	TAYLOR, KY	1	0010206629	WSBG219	N
T-Mobile License LLC	D21217	TAYLOR, KY	2	0010206629	WSBG220	N
T-Mobile License LLC	D21217	TAYLOR, KY	3	0010206629	WSBG221	N
T-Mobile License LLC	D21219	TODD, KY	1	0010206629	WSBG222	N
T-Mobile License LLC	D21219	TODD, KY	2	0010206629	WSBG223	N
T-Mobile License LLC	D21219	TODD, KY	3	0010206629	WSBG224	N
T-Mobile License LLC	D21221	TRIGG, KY	1	0010206629	WSBG225	N

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T-Mobile License LLC	D21221	TRIGG, KY	2	0010206629	WSBG226	N
T-Mobile License LLC	D21221	TRIGG, KY	3	0010206629	WSBG227	N
T-Mobile License LLC	D21223	TRIMBLE, KY	1	0010206629	WSBG228	N
T-Mobile License LLC	D21223	TRIMBLE, KY	2	0010206629	WSBG229	N
T-Mobile License LLC	D21223	TRIMBLE, KY	3	0010206629	WSBG230	N
T-Mobile License LLC	D21225	UNION, KY	1	0010206629	WSBG231	N
T-Mobile License LLC	D21225	UNION, KY	2	0010206629	WSBG232	N
T-Mobile License LLC	D21225	UNION, KY	3	0010206629	WSBG233	N
T-Mobile License LLC	D21227	WARREN, KY	1	0010206629	WSBG234	N
T-Mobile License LLC	D21227	WARREN, KY	2	0010206629	WSBG235	N
T-Mobile License LLC	D21227	WARREN, KY	3	0010206629	WSBG236	N
T-Mobile License LLC	D21229	WASHINGTON, KY	1	0010206629	WSBG237	N
T-Mobile License LLC	D21229	WASHINGTON, KY	2	0010206629	WSBG238	N
T-Mobile License LLC	D21229	WASHINGTON, KY	3	0010206629	WSBG239	N
T-Mobile License LLC	D21233	WEBSTER, KY	1	0010206629	WSBG240	N
T-Mobile License LLC	D21233	WEBSTER, KY	2	0010206629	WSBG241	N
T-Mobile License LLC	D21233	WEBSTER, KY	3	0010206629	WSBG242	N
T-Mobile License LLC	D21237	WOLFE, KY	2	0010206629	WSBG243	N
T-Mobile License LLC	D21237	WOLFE, KY	3	0010206629	WSBG244	N
T-Mobile License LLC	D21239	WOODFORD, KY	2	0010206629	WSBG245	N
T-Mobile License LLC	D22001	ACADIA, LA	1	0010206629	WSBG246	N
T-Mobile License LLC	D22001	ACADIA, LA	2	0010206629	WSBG247	N
T-Mobile License LLC	D22001	ACADIA, LA	3	0010206629	WSBG248	N
T-Mobile License LLC	D22003	ALLEN, LA	1	0010206629	WSBG249	N
T-Mobile License LLC	D22003	ALLEN, LA	2	0010206629	WSBG250	N
T-Mobile License LLC	D22003	ALLEN, LA	3	0010206629	WSBG251	N
T-Mobile License LLC	D22005	ASCENSION, LA	1	0010206629	WSBG252	N
T-Mobile License LLC	D22005	ASCENSION, LA	2	0010206629	WSBG253	N
T-Mobile License LLC	D22005	ASCENSION, LA	3	0010206629	WSBG254	N
T-Mobile License LLC	D22009	AVOYELLES, LA	1	0010206629	WSBG255	N
T-Mobile License LLC	D22009	AVOYELLES, LA	2	0010206629	WSBG256	N
T-Mobile License LLC	D22009	AVOYELLES, LA	3	0010206629	WSBG257	N
T-Mobile License LLC	D22011	BEAUREGARD, LA	1	0010206629	WSBG258	N
T-Mobile License LLC	D22011	BEAUREGARD, LA	2	0010206629	WSBG259	N
T-Mobile License LLC	D22011	BEAUREGARD, LA	3	0010206629	WSBG260	N
T-Mobile License LLC	D22013	BIENVILLE, LA	1	0010206629	WSBG261	N
T-Mobile License LLC	D22013	BIENVILLE, LA	2	0010206629	WSBG262	N
T-Mobile License LLC	D22013	BIENVILLE, LA	3	0010206629	WSBG263	N
T-Mobile License LLC	D22015	BOSSIER, LA	1	0010206629	WSBG264	N
T-Mobile License LLC	D22015	BOSSIER, LA	2	0010206629	WSBG265	N
T-Mobile License LLC	D22015	BOSSIER, LA	3	0010206629	WSBG266	N
T-Mobile License LLC	D22017	CADDO, LA	1	0010206629	WSBG267	N
T-Mobile License LLC	D22017	CADDO, LA	2	0010206629	WSBG268	N
T-Mobile License LLC	D22017	CADDO, LA	3	0010206629	WSBG269	N
T-Mobile License LLC	D22021	CALDWELL, LA	1	0010206629	WSBG270	N
T-Mobile License LLC	D22021	CALDWELL, LA	2	0010206629	WSBG271	N
T-Mobile License LLC	D22021	CALDWELL, LA	3	0010206629	WSBG272	N
T-Mobile License LLC	D22023	CAMERON, LA	1	0010206629	WSBG273	N
T-Mobile License LLC	D22023	CAMERON, LA	2	0010206629	WSBG274	N
T-Mobile License LLC	D22023	CAMERON, LA	3	0010206629	WSBG275	N
T-Mobile License LLC	D22025	CATAHOULA, LA	1	0010206629	WSBG276	N
T-Mobile License LLC	D22025	CATAHOULA, LA	2	0010206629	WSBG277	N
T-Mobile License LLC	D22027	CLAIBORNE, LA	1	0010206629	WSBG278	N
T-Mobile License LLC	D22027	CLAIBORNE, LA	2	0010206629	WSBG279	N
T-Mobile License LLC	D22027	CLAIBORNE, LA	3	0010206629	WSBG280	N
T-Mobile License LLC	D22029	CONCORDIA, LA	1	0010206629	WSBG281	N

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T-Mobile License LLC	D22029	CONCORDIA, LA	2	0010206629	WSBG282	N
T-Mobile License LLC	D22031	DE SOTO, LA	1	0010206629	WSBG283	N
T-Mobile License LLC	D22031	DE SOTO, LA	2	0010206629	WSBG284	N
T-Mobile License LLC	D22031	DE SOTO, LA	3	0010206629	WSBG285	N
T-Mobile License LLC	D22033	EAST BATON ROUGE, LA	1	0010206629	WSBG286	N
T-Mobile License LLC	D22033	EAST BATON ROUGE, LA	2	0010206629	WSBG287	N
T-Mobile License LLC	D22033	EAST BATON ROUGE, LA	3	0010206629	WSBG288	N
T-Mobile License LLC	D22035	EAST CARROLL, LA	1	0010206629	WSBG289	N
T-Mobile License LLC	D22035	EAST CARROLL, LA	2	0010206629	WSBG290	N
T-Mobile License LLC	D22035	EAST CARROLL, LA	3	0010206629	WSBG291	N
T-Mobile License LLC	D22037	EAST FELICIANA, LA	1	0010206629	WSBG292	N
T-Mobile License LLC	D22037	EAST FELICIANA, LA	2	0010206629	WSBG293	N
T-Mobile License LLC	D22037	EAST FELICIANA, LA	3	0010206629	WSBG294	N
T-Mobile License LLC	D22039	EVANGELINE, LA	1	0010206629	WSBG295	N
T-Mobile License LLC	D22039	EVANGELINE, LA	2	0010206629	WSBG296	N
T-Mobile License LLC	D22039	EVANGELINE, LA	3	0010206629	WSBG297	N
T-Mobile License LLC	D22041	FRANKLIN, LA	1	0010206629	WSBG298	N
T-Mobile License LLC	D22041	FRANKLIN, LA	2	0010206629	WSBG299	N
T-Mobile License LLC	D22041	FRANKLIN, LA	3	0010206629	WSBG300	N
T-Mobile License LLC	D22043	GRANT, LA	1	0010206629	WSBG301	N
T-Mobile License LLC	D22045	IBERIA, LA	1	0010206629	WSBG302	N
T-Mobile License LLC	D22045	IBERIA, LA	2	0010206629	WSBG303	N
T-Mobile License LLC	D22045	IBERIA, LA	3	0010206629	WSBG304	N
T-Mobile License LLC	D22047	IBERVILLE, LA	1	0010206629	WSBG305	N
T-Mobile License LLC	D22047	IBERVILLE, LA	2	0010206629	WSBG306	N
T-Mobile License LLC	D22047	IBERVILLE, LA	3	0010206629	WSBG307	N
T-Mobile License LLC	D22049	JACKSON, LA	1	0010206629	WSBG308	N
T-Mobile License LLC	D22049	JACKSON, LA	2	0010206629	WSBG309	N
T-Mobile License LLC	D22049	JACKSON, LA	3	0010206629	WSBG310	N
T-Mobile License LLC	D22051	JEFFERSON, LA	1	0010206629	WSBG311	N
T-Mobile License LLC	D22051	JEFFERSON, LA	2	0010206629	WSBG312	N
T-Mobile License LLC	D22051	JEFFERSON, LA	3	0010206629	WSBG313	N
T-Mobile License LLC	D22053	JEFFERSON DAVIS, LA	1	0010206629	WSBG314	N
T-Mobile License LLC	D22053	JEFFERSON DAVIS, LA	2	0010206629	WSBG315	N
T-Mobile License LLC	D22053	JEFFERSON DAVIS, LA	3	0010206629	WSBG316	N
T-Mobile License LLC	D22055	LAFAYETTE, LA	1	0010206629	WSBG317	N
T-Mobile License LLC	D22055	LAFAYETTE, LA	2	0010206629	WSBG318	N
T-Mobile License LLC	D22055	LAFAYETTE, LA	3	0010206629	WSBG319	N
T-Mobile License LLC	D22057	LAFOURCHE, LA	1	0010206629	WSBG320	N
T-Mobile License LLC	D22057	LAFOURCHE, LA	2	0010206629	WSBG321	N
T-Mobile License LLC	D22057	LAFOURCHE, LA	3	0010206629	WSBG322	N
T-Mobile License LLC	D22059	LASALLE, LA	1	0010206629	WSBG323	N
T-Mobile License LLC	D22059	LASALLE, LA	2	0010206629	WSBG324	N
T-Mobile License LLC	D22059	LASALLE, LA	3	0010206629	WSBG325	N
T-Mobile License LLC	D22061	LINCOLN, LA	1	0010206629	WSBG326	N
T-Mobile License LLC	D22061	LINCOLN, LA	2	0010206629	WSBG327	N
T-Mobile License LLC	D22061	LINCOLN, LA	3	0010206629	WSBG328	N
T-Mobile License LLC	D22063	LIVINGSTON, LA	1	0010206629	WSBG329	N
T-Mobile License LLC	D22063	LIVINGSTON, LA	2	0010206629	WSBG330	N
T-Mobile License LLC	D22063	LIVINGSTON, LA	3	0010206629	WSBG331	N
T-Mobile License LLC	D22065	MADISON, LA	1	0010206629	WSBG332	N
T-Mobile License LLC	D22065	MADISON, LA	2	0010206629	WSBG333	N
T-Mobile License LLC	D22065	MADISON, LA	3	0010206629	WSBG334	N
T-Mobile License LLC	D22067	MOREHOUSE, LA	1	0010206629	WSBG335	N
T-Mobile License LLC	D22067	MOREHOUSE, LA	2	0010206629	WSBG336	N
T-Mobile License LLC	D22067	MOREHOUSE, LA	3	0010206629	WSBG337	N

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T-Mobile License LLC	D22069	NATCHITOCHES, LA	2	0010206629	WSBG338	N
T-Mobile License LLC	D22073	OUACHITA, LA	1	0010206629	WSBG339	N
T-Mobile License LLC	D22073	OUACHITA, LA	2	0010206629	WSBG340	N
T-Mobile License LLC	D22073	OUACHITA, LA	3	0010206629	WSBG341	N
T-Mobile License LLC	D22075	PLAQUEMINES, LA	1	0010206629	WSBG342	N
T-Mobile License LLC	D22075	PLAQUEMINES, LA	2	0010206629	WSBG343	N
T-Mobile License LLC	D22075	PLAQUEMINES, LA	3	0010206629	WSBG344	N
T-Mobile License LLC	D22077	POINTE COUPEE, LA	1	0010206629	WSBG345	N
T-Mobile License LLC	D22077	POINTE COUPEE, LA	2	0010206629	WSBG346	N
T-Mobile License LLC	D22077	POINTE COUPEE, LA	3	0010206629	WSBG347	N
T-Mobile License LLC	D22079	RAPIDES, LA	2	0010206629	WSBG348	N
T-Mobile License LLC	D22079	RAPIDES, LA	3	0010206629	WSBG349	N
T-Mobile License LLC	D22081	RED RIVER, LA	1	0010206629	WSBG350	N
T-Mobile License LLC	D22081	RED RIVER, LA	2	0010206629	WSBG351	N
T-Mobile License LLC	D22083	RICHLAND, LA	1	0010206629	WSBG352	N
T-Mobile License LLC	D22083	RICHLAND, LA	2	0010206629	WSBG353	N
T-Mobile License LLC	D22083	RICHLAND, LA	3	0010206629	WSBG354	N
T-Mobile License LLC	D22085	SABINE, LA	2	0010206629	WSBG355	N
T-Mobile License LLC	D22087	ST. BERNARD, LA	1	0010206629	WSBG356	N
T-Mobile License LLC	D22087	ST. BERNARD, LA	2	0010206629	WSBG357	N
T-Mobile License LLC	D22087	ST. BERNARD, LA	3	0010206629	WSBG358	N
T-Mobile License LLC	D22091	ST. HELENA, LA	1	0010206629	WSBG359	N
T-Mobile License LLC	D22091	ST. HELENA, LA	2	0010206629	WSBG360	N
T-Mobile License LLC	D22091	ST. HELENA, LA	3	0010206629	WSBG361	N
T-Mobile License LLC	D22093	ST. JAMES, LA	1	0010206629	WSBG362	N
T-Mobile License LLC	D22093	ST. JAMES, LA	2	0010206629	WSBG363	N
T-Mobile License LLC	D22093	ST. JAMES, LA	3	0010206629	WSBG364	N
T-Mobile License LLC	D22095	ST. JOHN THE BAPTIST, LA	1	0010206629	WSBG365	N
T-Mobile License LLC	D22095	ST. JOHN THE BAPTIST, LA	2	0010206629	WSBG366	N
T-Mobile License LLC	D22095	ST. JOHN THE BAPTIST, LA	3	0010206629	WSBG367	N
T-Mobile License LLC	D22097	ST. LANDRY, LA	1	0010206629	WSBG368	N
T-Mobile License LLC	D22097	ST. LANDRY, LA	2	0010206629	WSBG369	N
T-Mobile License LLC	D22097	ST. LANDRY, LA	3	0010206629	WSBG370	N
T-Mobile License LLC	D22099	ST. MARTIN, LA	1	0010206629	WSBG371	N
T-Mobile License LLC	D22099	ST. MARTIN, LA	2	0010206629	WSBG372	N
T-Mobile License LLC	D22099	ST. MARTIN, LA	3	0010206629	WSBG373	N
T-Mobile License LLC	D22101	ST. MARY, LA	1	0010206629	WSBG374	N
T-Mobile License LLC	D22101	ST. MARY, LA	2	0010206629	WSBG375	N
T-Mobile License LLC	D22101	ST. MARY, LA	3	0010206629	WSBG376	N
T-Mobile License LLC	D22103	ST. TAMMANY, LA	1	0010206629	WSBG377	N
T-Mobile License LLC	D22103	ST. TAMMANY, LA	2	0010206629	WSBG378	N
T-Mobile License LLC	D22103	ST. TAMMANY, LA	3	0010206629	WSBG379	N
T-Mobile License LLC	D22107	TENSAS, LA	1	0010206629	WSBG380	N
T-Mobile License LLC	D22107	TENSAS, LA	2	0010206629	WSBG381	N
T-Mobile License LLC	D22107	TENSAS, LA	3	0010206629	WSBG382	N
T-Mobile License LLC	D22109	TERREBONNE, LA	1	0010206629	WSBG383	N
T-Mobile License LLC	D22109	TERREBONNE, LA	2	0010206629	WSBG384	N
T-Mobile License LLC	D22109	TERREBONNE, LA	3	0010206629	WSBG385	N
T-Mobile License LLC	D22111	UNION, LA	1	0010206629	WSBG386	N
T-Mobile License LLC	D22111	UNION, LA	2	0010206629	WSBG387	N
T-Mobile License LLC	D22111	UNION, LA	3	0010206629	WSBG388	N
T-Mobile License LLC	D22113	VERMILION, LA	1	0010206629	WSBG389	N
T-Mobile License LLC	D22113	VERMILION, LA	2	0010206629	WSBG390	N
T-Mobile License LLC	D22113	VERMILION, LA	3	0010206629	WSBG391	N
T-Mobile License LLC	D22115	VERNON, LA	1	0010206629	WSBG392	N
T-Mobile License LLC	D22115	VERNON, LA	2	0010206629	WSBG393	N

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T-Mobile License LLC	D22117	WASHINGTON, LA	1	0010206629	WSBG394	N
T-Mobile License LLC	D22117	WASHINGTON, LA	2	0010206629	WSBG395	N
T-Mobile License LLC	D22117	WASHINGTON, LA	3	0010206629	WSBG396	N
T-Mobile License LLC	D22119	WEBSTER, LA	1	0010206629	WSBG397	N
T-Mobile License LLC	D22119	WEBSTER, LA	2	0010206629	WSBG398	N
T-Mobile License LLC	D22119	WEBSTER, LA	3	0010206629	WSBG399	N
T-Mobile License LLC	D22121	WEST BATON ROUGE, LA	1	0010206629	WSBG400	N
T-Mobile License LLC	D22121	WEST BATON ROUGE, LA	2	0010206629	WSBG401	N
T-Mobile License LLC	D22121	WEST BATON ROUGE, LA	3	0010206629	WSBG402	N
T-Mobile License LLC	D22123	WEST CARROLL, LA	1	0010206629	WSBG403	N
T-Mobile License LLC	D22123	WEST CARROLL, LA	2	0010206629	WSBG404	N
T-Mobile License LLC	D22123	WEST CARROLL, LA	3	0010206629	WSBG405	N
T-Mobile License LLC	D22125	WEST FELICIANA, LA	1	0010206629	WSBG406	N
T-Mobile License LLC	D22125	WEST FELICIANA, LA	2	0010206629	WSBG407	N
T-Mobile License LLC	D22125	WEST FELICIANA, LA	3	0010206629	WSBG408	N
T-Mobile License LLC	D22127	WINN, LA	2	0010206629	WSBG409	N
T-Mobile License LLC	D22127	WINN, LA	3	0010206629	WSBG410	N
T-Mobile License LLC	D23001	ANDROSCOGGIN, ME	1	0010206629	WSBG411	N
T-Mobile License LLC	D23001	ANDROSCOGGIN, ME	2	0010206629	WSBG412	N
T-Mobile License LLC	D23003	AROOSTOOK, ME	1	0010206629	WSBG413	N
T-Mobile License LLC	D23003	AROOSTOOK, ME	2	0010206629	WSBG414	N
T-Mobile License LLC	D23003	AROOSTOOK, ME	3	0010206629	WSBG415	N
T-Mobile License LLC	D23005	CUMBERLAND, ME	1	0010206629	WSBG416	N
T-Mobile License LLC	D23005	CUMBERLAND, ME	2	0010206629	WSBG417	N
T-Mobile License LLC	D23005	CUMBERLAND, ME	3	0010206629	WSBG418	N
T-Mobile License LLC	D23007	FRANKLIN, ME	1	0010206629	WSBG419	N
T-Mobile License LLC	D23007	FRANKLIN, ME	2	0010206629	WSBG420	N
T-Mobile License LLC	D23007	FRANKLIN, ME	3	0010206629	WSBG421	N
T-Mobile License LLC	D23009	HANCOCK, ME	1	0010206629	WSBG422	N
T-Mobile License LLC	D23009	HANCOCK, ME	2	0010206629	WSBG423	N
T-Mobile License LLC	D23009	HANCOCK, ME	3	0010206629	WSBG424	N
T-Mobile License LLC	D23011	KENNEBEC, ME	1	0010206629	WSBG425	N
T-Mobile License LLC	D23011	KENNEBEC, ME	2	0010206629	WSBG426	N
T-Mobile License LLC	D23013	KNOX, ME	1	0010206629	WSBG427	N
T-Mobile License LLC	D23013	KNOX, ME	2	0010206629	WSBG428	N
T-Mobile License LLC	D23013	KNOX, ME	3	0010206629	WSBG429	N
T-Mobile License LLC	D23015	LINCOLN, ME	1	0010206629	WSBG430	N
T-Mobile License LLC	D23015	LINCOLN, ME	2	0010206629	WSBG431	N
T-Mobile License LLC	D23015	LINCOLN, ME	3	0010206629	WSBG432	N
T-Mobile License LLC	D23017	OXFORD, ME	1	0010206629	WSBG433	N
T-Mobile License LLC	D23017	OXFORD, ME	2	0010206629	WSBG434	N
T-Mobile License LLC	D23017	OXFORD, ME	3	0010206629	WSBG435	N
T-Mobile License LLC	D23019	PENOBSCOT, ME	1	0010206629	WSBG436	N
T-Mobile License LLC	D23019	PENOBSCOT, ME	2	0010206629	WSBG437	N
T-Mobile License LLC	D23019	PENOBSCOT, ME	3	0010206629	WSBG438	N
T-Mobile License LLC	D23021	PISCATAQUIS, ME	1	0010206629	WSBG439	N
T-Mobile License LLC	D23021	PISCATAQUIS, ME	2	0010206629	WSBG440	N
T-Mobile License LLC	D23021	PISCATAQUIS, ME	3	0010206629	WSBG441	N
T-Mobile License LLC	D23023	SAGADAHOC, ME	1	0010206629	WSBG442	N
T-Mobile License LLC	D23023	SAGADAHOC, ME	2	0010206629	WSBG443	N
T-Mobile License LLC	D23023	SAGADAHOC, ME	3	0010206629	WSBG444	N
T-Mobile License LLC	D23025	SOMERSET, ME	1	0010206629	WSBG445	N
T-Mobile License LLC	D23025	SOMERSET, ME	2	0010206629	WSBG446	N
T-Mobile License LLC	D23025	SOMERSET, ME	3	0010206629	WSBG447	N
T-Mobile License LLC	D23027	WALDO, ME	1	0010206629	WSBG448	N
T-Mobile License LLC	D23027	WALDO, ME	2	0010206629	WSBG449	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D23027	WALDO, ME	3	0010206629	WSBG450	N
T-Mobile License LLC	D23029	WASHINGTON, ME	1	0010206629	WSBG451	N
T-Mobile License LLC	D23029	WASHINGTON, ME	2	0010206629	WSBG452	N
T-Mobile License LLC	D23029	WASHINGTON, ME	3	0010206629	WSBG453	N
T-Mobile License LLC	D23031	YORK, ME	2	0010206629	WSBG454	N
T-Mobile License LLC	D23031	YORK, ME	3	0010206629	WSBG455	N
T-Mobile License LLC	D24001	ALLEGANY, MD	2	0010206629	WSBG456	N
T-Mobile License LLC	D24001	ALLEGANY, MD	3	0010206629	WSBG457	N
T-Mobile License LLC	D24003	ANNE ARUNDEL, MD	1	0010206629	WSBG458	N
T-Mobile License LLC	D24003	ANNE ARUNDEL, MD	2	0010206629	WSBG459	N
T-Mobile License LLC	D24003	ANNE ARUNDEL, MD	3	0010206629	WSBG460	N
T-Mobile License LLC	D24009	CALVERT, MD	1	0010206629	WSBG461	N
T-Mobile License LLC	D24009	CALVERT, MD	2	0010206629	WSBG462	N
T-Mobile License LLC	D24009	CALVERT, MD	3	0010206629	WSBG463	N
T-Mobile License LLC	D24011	CAROLINE, MD	1	0010206629	WSBG464	N
T-Mobile License LLC	D24011	CAROLINE, MD	2	0010206629	WSBG465	N
T-Mobile License LLC	D24011	CAROLINE, MD	3	0010206629	WSBG466	N
T-Mobile License LLC	D24013	CARROLL, MD	1	0010206629	WSBG467	N
T-Mobile License LLC	D24013	CARROLL, MD	2	0010206629	WSBG468	N
T-Mobile License LLC	D24013	CARROLL, MD	3	0010206629	WSBG469	N
T-Mobile License LLC	D24015	CECIL, MD	1	0010206629	WSBG470	N
T-Mobile License LLC	D24015	CECIL, MD	2	0010206629	WSBG471	N
T-Mobile License LLC	D24015	CECIL, MD	3	0010206629	WSBG472	N
T-Mobile License LLC	D24017	CHARLES, MD	1	0010206629	WSBG473	N
T-Mobile License LLC	D24017	CHARLES, MD	2	0010206629	WSBG474	N
T-Mobile License LLC	D24017	CHARLES, MD	3	0010206629	WSBG475	N
T-Mobile License LLC	D24019	DORCHESTER, MD	1	0010206629	WSBG476	N
T-Mobile License LLC	D24019	DORCHESTER, MD	2	0010206629	WSBG477	N
T-Mobile License LLC	D24019	DORCHESTER, MD	3	0010206629	WSBG478	N
T-Mobile License LLC	D24021	FREDERICK, MD	1	0010206629	WSBG479	N
T-Mobile License LLC	D24021	FREDERICK, MD	2	0010206629	WSBG480	N
T-Mobile License LLC	D24021	FREDERICK, MD	3	0010206629	WSBG481	N
T-Mobile License LLC	D24023	GARRETT, MD	1	0010206629	WSBG482	N
T-Mobile License LLC	D24023	GARRETT, MD	2	0010206629	WSBG483	N
T-Mobile License LLC	D24023	GARRETT, MD	3	0010206629	WSBG484	N
T-Mobile License LLC	D24029	KENT, MD	1	0010206629	WSBG485	N
T-Mobile License LLC	D24029	KENT, MD	2	0010206629	WSBG486	N
T-Mobile License LLC	D24029	KENT, MD	3	0010206629	WSBG487	N
T-Mobile License LLC	D24033	PRINCE GEORGE'S, MD	1	0010206629	WSBG488	N
T-Mobile License LLC	D24033	PRINCE GEORGE'S, MD	2	0010206629	WSBG489	N
T-Mobile License LLC	D24033	PRINCE GEORGE'S, MD	3	0010206629	WSBG490	N
T-Mobile License LLC	D24035	QUEEN ANNE'S, MD	1	0010206629	WSBG491	N
T-Mobile License LLC	D24035	QUEEN ANNE'S, MD	2	0010206629	WSBG492	N
T-Mobile License LLC	D24035	QUEEN ANNE'S, MD	3	0010206629	WSBG493	N
T-Mobile License LLC	D24037	ST. MARY'S, MD	1	0010206629	WSBG494	N
T-Mobile License LLC	D24037	ST. MARY'S, MD	2	0010206629	WSBG495	N
T-Mobile License LLC	D24037	ST. MARY'S, MD	3	0010206629	WSBG496	N
T-Mobile License LLC	D24039	SOMERSET, MD	1	0010206629	WSBG497	N
T-Mobile License LLC	D24039	SOMERSET, MD	2	0010206629	WSBG498	N
T-Mobile License LLC	D24039	SOMERSET, MD	3	0010206629	WSBG499	N
T-Mobile License LLC	D24041	TALBOT, MD	1	0010206629	WSBG500	N
T-Mobile License LLC	D24041	TALBOT, MD	2	0010206629	WSBG501	N
T-Mobile License LLC	D24041	TALBOT, MD	3	0010206629	WSBG502	N
T-Mobile License LLC	D24043	WASHINGTON, MD	1	0010206629	WSBG503	N
T-Mobile License LLC	D24043	WASHINGTON, MD	2	0010206629	WSBG504	N
T-Mobile License LLC	D24043	WASHINGTON, MD	3	0010206629	WSBG505	N

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T-Mobile License LLC	D24045	WICOMICO, MD	2	0010206629	WSBG506	N
T-Mobile License LLC	D24045	WICOMICO, MD	3	0010206629	WSBG507	N
T-Mobile License LLC	D24047	WORCESTER, MD	2	0010206629	WSBG508	N
T-Mobile License LLC	D24047	WORCESTER, MD	3	0010206629	WSBG509	N
T-Mobile License LLC	D25001	BARNSTABLE, MA	1	0010206629	WSBG510	N
T-Mobile License LLC	D25001	BARNSTABLE, MA	2	0010206629	WSBG511	N
T-Mobile License LLC	D25001	BARNSTABLE, MA	3	0010206629	WSBG512	N
T-Mobile License LLC	D25003	BERKSHIRE, MA	1	0010206629	WSBG513	N
T-Mobile License LLC	D25003	BERKSHIRE, MA	2	0010206629	WSBG514	N
T-Mobile License LLC	D25007	DUKES, MA	1	0010206629	WSBG515	N
T-Mobile License LLC	D25007	DUKES, MA	2	0010206629	WSBG516	N
T-Mobile License LLC	D25009	ESSEX, MA	1	0010206629	WSBG517	N
T-Mobile License LLC	D25009	ESSEX, MA	2	0010206629	WSBG518	N
T-Mobile License LLC	D25009	ESSEX, MA	3	0010206629	WSBG519	N
T-Mobile License LLC	D25011	FRANKLIN, MA	1	0010206629	WSBG520	N
T-Mobile License LLC	D25011	FRANKLIN, MA	2	0010206629	WSBG521	N
T-Mobile License LLC	D25011	FRANKLIN, MA	3	0010206629	WSBG522	N
T-Mobile License LLC	D25013	HAMPDEN, MA	1	0010206629	WSBG523	N
T-Mobile License LLC	D25013	HAMPDEN, MA	2	0010206629	WSBG524	N
T-Mobile License LLC	D25015	HAMPSHIRE, MA	1	0010206629	WSBG525	N
T-Mobile License LLC	D25015	HAMPSHIRE, MA	2	0010206629	WSBG526	N
T-Mobile License LLC	D25017	MIDDLESEX, MA	3	0010206629	WSBG527	N
T-Mobile License LLC	D25019	NANTUCKET, MA	1	0010206629	WSBG528	N
T-Mobile License LLC	D25019	NANTUCKET, MA	2	0010206629	WSBG529	N
T-Mobile License LLC	D25019	NANTUCKET, MA	3	0010206629	WSBG530	N
T-Mobile License LLC	D25023	PLYMOUTH, MA	1	0010206629	WSBG531	N
T-Mobile License LLC	D25023	PLYMOUTH, MA	2	0010206629	WSBG532	N
T-Mobile License LLC	D25027	WORCESTER, MA	1	0010206629	WSBG533	N
T-Mobile License LLC	D25027	WORCESTER, MA	2	0010206629	WSBG534	N
T-Mobile License LLC	D25027	WORCESTER, MA	3	0010206629	WSBG535	N
T-Mobile License LLC	D26003	ALGER, MI	2	0010206629	WSBG536	N
T-Mobile License LLC	D26003	ALGER, MI	3	0010206629	WSBG537	N
T-Mobile License LLC	D26005	ALLEGAN, MI	1	0010206629	WSBG538	N
T-Mobile License LLC	D26005	ALLEGAN, MI	2	0010206629	WSBG539	N
T-Mobile License LLC	D26007	ALPENA, MI	1	0010206629	WSBG540	N
T-Mobile License LLC	D26007	ALPENA, MI	2	0010206629	WSBG541	N
T-Mobile License LLC	D26007	ALPENA, MI	3	0010206629	WSBG542	N
T-Mobile License LLC	D26009	ANTRIM, MI	1	0010206629	WSBG543	N
T-Mobile License LLC	D26009	ANTRIM, MI	2	0010206629	WSBG544	N
T-Mobile License LLC	D26009	ANTRIM, MI	3	0010206629	WSBG545	N
T-Mobile License LLC	D26011	ARENAC, MI	1	0010206629	WSBG546	N
T-Mobile License LLC	D26011	ARENAC, MI	2	0010206629	WSBG547	N
T-Mobile License LLC	D26011	ARENAC, MI	3	0010206629	WSBG548	N
T-Mobile License LLC	D26013	BARAGA, MI	1	0010206629	WSBG549	N
T-Mobile License LLC	D26013	BARAGA, MI	3	0010206629	WSBG550	N
T-Mobile License LLC	D26015	BARRY, MI	2	0010206629	WSBG551	N
T-Mobile License LLC	D26015	BARRY, MI	3	0010206629	WSBG552	N
T-Mobile License LLC	D26017	BAY, MI	1	0010206629	WSBG553	N
T-Mobile License LLC	D26017	BAY, MI	2	0010206629	WSBG554	N
T-Mobile License LLC	D26017	BAY, MI	3	0010206629	WSBG555	N
T-Mobile License LLC	D26019	BENZIE, MI	1	0010206629	WSBG556	N
T-Mobile License LLC	D26019	BENZIE, MI	2	0010206629	WSBG557	N
T-Mobile License LLC	D26019	BENZIE, MI	3	0010206629	WSBG558	N
T-Mobile License LLC	D26023	BRANCH, MI	1	0010206629	WSBG559	N
T-Mobile License LLC	D26023	BRANCH, MI	2	0010206629	WSBG560	N
T-Mobile License LLC	D26023	BRANCH, MI	3	0010206629	WSBG561	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D26025	CALHOUN, MI	1	0010206629	WSBG562	N
T-Mobile License LLC	D26025	CALHOUN, MI	2	0010206629	WSBG563	N
T-Mobile License LLC	D26025	CALHOUN, MI	3	0010206629	WSBG564	N
T-Mobile License LLC	D26029	CHARLEVOIX, MI	3	0010206629	WSBG565	N
T-Mobile License LLC	D26031	CHEBOYGAN, MI	1	0010206629	WSBG566	N
T-Mobile License LLC	D26033	CHIPPEWA, MI	1	0010206629	WSBG567	N
T-Mobile License LLC	D26033	CHIPPEWA, MI	2	0010206629	WSBG568	N
T-Mobile License LLC	D26033	CHIPPEWA, MI	3	0010206629	WSBG569	N
T-Mobile License LLC	D26035	CLARE, MI	2	0010206629	WSBG570	N
T-Mobile License LLC	D26035	CLARE, MI	3	0010206629	WSBG571	N
T-Mobile License LLC	D26039	CRAWFORD, MI	2	0010206629	WSBG572	N
T-Mobile License LLC	D26039	CRAWFORD, MI	3	0010206629	WSBG573	N
T-Mobile License LLC	D26041	DELTA, MI	2	0010206629	WSBG574	N
T-Mobile License LLC	D26041	DELTA, MI	3	0010206629	WSBG575	N
T-Mobile License LLC	D26047	EMMET, MI	1	0010206629	WSBG576	N
T-Mobile License LLC	D26047	EMMET, MI	2	0010206629	WSBG577	N
T-Mobile License LLC	D26049	GENESEE, MI	1	0010206629	WSBG578	N
T-Mobile License LLC	D26049	GENESEE, MI	2	0010206629	WSBG579	N
T-Mobile License LLC	D26049	GENESEE, MI	3	0010206629	WSBG580	N
T-Mobile License LLC	D26051	GLADWIN, MI	2	0010206629	WSBG581	N
T-Mobile License LLC	D26051	GLADWIN, MI	3	0010206629	WSBG582	N
T-Mobile License LLC	D26053	GOGEBIC, MI	1	0010206629	WSBG583	N
T-Mobile License LLC	D26053	GOGEBIC, MI	2	0010206629	WSBG584	N
T-Mobile License LLC	D26055	GRAND TRAVERSE, MI	1	0010206629	WSBG585	N
T-Mobile License LLC	D26055	GRAND TRAVERSE, MI	2	0010206629	WSBG586	N
T-Mobile License LLC	D26055	GRAND TRAVERSE, MI	3	0010206629	WSBG587	N
T-Mobile License LLC	D26057	GRATIOT, MI	1	0010206629	WSBG588	N
T-Mobile License LLC	D26057	GRATIOT, MI	2	0010206629	WSBG589	N
T-Mobile License LLC	D26059	HILLSDALE, MI	1	0010206629	WSBG590	N
T-Mobile License LLC	D26059	HILLSDALE, MI	2	0010206629	WSBG591	N
T-Mobile License LLC	D26059	HILLSDALE, MI	3	0010206629	WSBG592	N
T-Mobile License LLC	D26061	HOUGHTON, MI	1	0010206629	WSBG593	N
T-Mobile License LLC	D26061	HOUGHTON, MI	2	0010206629	WSBG594	N
T-Mobile License LLC	D26061	HOUGHTON, MI	3	0010206629	WSBG595	N
T-Mobile License LLC	D26063	HURON, MI	2	0010206629	WSBG596	N
T-Mobile License LLC	D26063	HURON, MI	3	0010206629	WSBG597	N
T-Mobile License LLC	D26067	IONIA, MI	1	0010206629	WSBG598	N
T-Mobile License LLC	D26067	IONIA, MI	2	0010206629	WSBG599	N
T-Mobile License LLC	D26067	IONIA, MI	3	0010206629	WSBG600	N
T-Mobile License LLC	D26071	IRON, MI	3	0010206629	WSBG601	N
T-Mobile License LLC	D26073	ISABELLA, MI	1	0010206629	WSBG602	N
T-Mobile License LLC	D26073	ISABELLA, MI	2	0010206629	WSBG603	N
T-Mobile License LLC	D26075	JACKSON, MI	1	0010206629	WSBG604	N
T-Mobile License LLC	D26075	JACKSON, MI	2	0010206629	WSBG605	N
T-Mobile License LLC	D26077	KALAMAZOO, MI	1	0010206629	WSBG606	N
T-Mobile License LLC	D26077	KALAMAZOO, MI	2	0010206629	WSBG607	N
T-Mobile License LLC	D26077	KALAMAZOO, MI	3	0010206629	WSBG608	N
T-Mobile License LLC	D26079	KALKASKA, MI	1	0010206629	WSBG609	N
T-Mobile License LLC	D26079	KALKASKA, MI	2	0010206629	WSBG610	N
T-Mobile License LLC	D26079	KALKASKA, MI	3	0010206629	WSBG611	N
T-Mobile License LLC	D26081	KENT, MI	1	0010206629	WSBG612	N
T-Mobile License LLC	D26081	KENT, MI	2	0010206629	WSBG613	N
T-Mobile License LLC	D26083	KEWEENAW, MI	2	0010206629	WSBG614	N
T-Mobile License LLC	D26083	KEWEENAW, MI	3	0010206629	WSBG615	N
T-Mobile License LLC	D26085	LAKE, MI	1	0010206629	WSBG616	N
T-Mobile License LLC	D26085	LAKE, MI	2	0010206629	WSBG617	N

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T-Mobile License LLC	D26085	LAKE, MI	3	0010206629	WSBG618	N
T-Mobile License LLC	D26087	LAPEER, MI	1	0010206629	WSBG619	N
T-Mobile License LLC	D26087	LAPEER, MI	2	0010206629	WSBG620	N
T-Mobile License LLC	D26087	LAPEER, MI	3	0010206629	WSBG621	N
T-Mobile License LLC	D26089	LEELANAU, MI	1	0010206629	WSBG622	N
T-Mobile License LLC	D26089	LEELANAU, MI	2	0010206629	WSBG623	N
T-Mobile License LLC	D26089	LEELANAU, MI	3	0010206629	WSBG624	N
T-Mobile License LLC	D26091	LENAWEE, MI	1	0010206629	WSBG625	N
T-Mobile License LLC	D26091	LENAWEE, MI	2	0010206629	WSBG626	N
T-Mobile License LLC	D26093	LIVINGSTON, MI	1	0010206629	WSBG627	N
T-Mobile License LLC	D26093	LIVINGSTON, MI	2	0010206629	WSBG628	N
T-Mobile License LLC	D26093	LIVINGSTON, MI	3	0010206629	WSBG629	N
T-Mobile License LLC	D26095	LUCE, MI	1	0010206629	WSBG630	N
T-Mobile License LLC	D26095	LUCE, MI	2	0010206629	WSBG631	N
T-Mobile License LLC	D26095	LUCE, MI	3	0010206629	WSBG632	N
T-Mobile License LLC	D26097	MACKINAC, MI	1	0010206629	WSBG633	N
T-Mobile License LLC	D26097	MACKINAC, MI	2	0010206629	WSBG634	N
T-Mobile License LLC	D26097	MACKINAC, MI	3	0010206629	WSBG635	N
T-Mobile License LLC	D26099	MACOMB, MI	1	0010206629	WSBG636	N
T-Mobile License LLC	D26099	MACOMB, MI	2	0010206629	WSBG637	N
T-Mobile License LLC	D26099	MACOMB, MI	3	0010206629	WSBG638	N
T-Mobile License LLC	D26101	MANISTEE, MI	1	0010206629	WSBG639	N
T-Mobile License LLC	D26101	MANISTEE, MI	2	0010206629	WSBG640	N
T-Mobile License LLC	D26101	MANISTEE, MI	3	0010206629	WSBG641	N
T-Mobile License LLC	D26103	MARQUETTE, MI	1	0010206629	WSBG642	N
T-Mobile License LLC	D26103	MARQUETTE, MI	2	0010206629	WSBG643	N
T-Mobile License LLC	D26103	MARQUETTE, MI	3	0010206629	WSBG644	N
T-Mobile License LLC	D26105	MASON, MI	1	0010206629	WSBG645	N
T-Mobile License LLC	D26105	MASON, MI	2	0010206629	WSBG646	N
T-Mobile License LLC	D26105	MASON, MI	3	0010206629	WSBG647	N
T-Mobile License LLC	D26107	MECOSTA, MI	1	0010206629	WSBG648	N
T-Mobile License LLC	D26107	MECOSTA, MI	2	0010206629	WSBG649	N
T-Mobile License LLC	D26109	MENOMINEE, MI	1	0010206629	WSBG650	N
T-Mobile License LLC	D26109	MENOMINEE, MI	2	0010206629	WSBG651	N
T-Mobile License LLC	D26109	MENOMINEE, MI	3	0010206629	WSBG652	N
T-Mobile License LLC	D26111	MIDLAND, MI	1	0010206629	WSBG653	N
T-Mobile License LLC	D26111	MIDLAND, MI	2	0010206629	WSBG654	N
T-Mobile License LLC	D26113	MISSAUKEE, MI	2	0010206629	WSBG655	N
T-Mobile License LLC	D26113	MISSAUKEE, MI	3	0010206629	WSBG656	N
T-Mobile License LLC	D26117	MONTCALM, MI	1	0010206629	WSBG657	N
T-Mobile License LLC	D26117	MONTCALM, MI	2	0010206629	WSBG658	N
T-Mobile License LLC	D26117	MONTCALM, MI	3	0010206629	WSBG659	N
T-Mobile License LLC	D26119	MONTMORENCY, MI	1	0010206629	WSBG660	N
T-Mobile License LLC	D26119	MONTMORENCY, MI	2	0010206629	WSBG661	N
T-Mobile License LLC	D26121	MUSKEGON, MI	1	0010206629	WSBG662	N
T-Mobile License LLC	D26121	MUSKEGON, MI	2	0010206629	WSBG663	N
T-Mobile License LLC	D26121	MUSKEGON, MI	3	0010206629	WSBG664	N
T-Mobile License LLC	D26123	NEWAYGO, MI	1	0010206629	WSBG665	N
T-Mobile License LLC	D26123	NEWAYGO, MI	2	0010206629	WSBG666	N
T-Mobile License LLC	D26123	NEWAYGO, MI	3	0010206629	WSBG667	N
T-Mobile License LLC	D26125	OAKLAND, MI	1	0010206629	WSBG668	N
T-Mobile License LLC	D26125	OAKLAND, MI	2	0010206629	WSBG669	N
T-Mobile License LLC	D26125	OAKLAND, MI	3	0010206629	WSBG670	N
T-Mobile License LLC	D26127	OCEANA, MI	1	0010206629	WSBG671	N
T-Mobile License LLC	D26127	OCEANA, MI	2	0010206629	WSBG672	N
T-Mobile License LLC	D26127	OCEANA, MI	3	0010206629	WSBG673	N

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T-Mobile License LLC	D26129	OGEMAW, MI	2	0010206629	WSBG674	N
T-Mobile License LLC	D26131	ONTONAGON, MI	1	0010206629	WSBG675	N
T-Mobile License LLC	D26131	ONTONAGON, MI	2	0010206629	WSBG676	N
T-Mobile License LLC	D26131	ONTONAGON, MI	3	0010206629	WSBG677	N
T-Mobile License LLC	D26133	OSCEOLA, MI	2	0010206629	WSBG678	N
T-Mobile License LLC	D26133	OSCEOLA, MI	3	0010206629	WSBG679	N
T-Mobile License LLC	D26137	OTSEGO, MI	1	0010206629	WSBG680	N
T-Mobile License LLC	D26137	OTSEGO, MI	2	0010206629	WSBG681	N
T-Mobile License LLC	D26137	OTSEGO, MI	3	0010206629	WSBG682	N
T-Mobile License LLC	D26139	OTTAWA, MI	1	0010206629	WSBG683	N
T-Mobile License LLC	D26139	OTTAWA, MI	2	0010206629	WSBG684	N
T-Mobile License LLC	D26139	OTTAWA, MI	3	0010206629	WSBG685	N
T-Mobile License LLC	D26141	PRESQUE ISLE, MI	2	0010206629	WSBG686	N
T-Mobile License LLC	D26141	PRESQUE ISLE, MI	3	0010206629	WSBG687	N
T-Mobile License LLC	D26143	ROSCOMMON, MI	2	0010206629	WSBG688	N
T-Mobile License LLC	D26143	ROSCOMMON, MI	3	0010206629	WSBG689	N
T-Mobile License LLC	D26147	ST. CLAIR, MI	1	0010206629	WSBG690	N
T-Mobile License LLC	D26147	ST. CLAIR, MI	2	0010206629	WSBG691	N
T-Mobile License LLC	D26147	ST. CLAIR, MI	3	0010206629	WSBG692	N
T-Mobile License LLC	D26149	ST. JOSEPH, MI	1	0010206629	WSBG693	N
T-Mobile License LLC	D26149	ST. JOSEPH, MI	2	0010206629	WSBG694	N
T-Mobile License LLC	D26149	ST. JOSEPH, MI	3	0010206629	WSBG695	N
T-Mobile License LLC	D26151	SANILAC, MI	2	0010206629	WSBG696	N
T-Mobile License LLC	D26151	SANILAC, MI	3	0010206629	WSBG697	N
T-Mobile License LLC	D26153	SCHOOLCRAFT, MI	3	0010206629	WSBG698	N
T-Mobile License LLC	D26155	SHIAWASSEE, MI	1	0010206629	WSBG699	N
T-Mobile License LLC	D26155	SHIAWASSEE, MI	2	0010206629	WSBG700	N
T-Mobile License LLC	D26157	TUSCOLA, MI	1	0010206629	WSBG701	N
T-Mobile License LLC	D26157	TUSCOLA, MI	2	0010206629	WSBG702	N
T-Mobile License LLC	D26161	WASHTENAW, MI	1	0010206629	WSBG703	N
T-Mobile License LLC	D26161	WASHTENAW, MI	2	0010206629	WSBG704	N
T-Mobile License LLC	D26161	WASHTENAW, MI	3	0010206629	WSBG705	N
T-Mobile License LLC	D26165	WEXFORD, MI	2	0010206629	WSBG706	N
T-Mobile License LLC	D26165	WEXFORD, MI	3	0010206629	WSBG707	N
T-Mobile License LLC	D27001	AITKIN, MN	1	0010206629	WSBG708	N
T-Mobile License LLC	D27001	AITKIN, MN	2	0010206629	WSBG709	N
T-Mobile License LLC	D27001	AITKIN, MN	3	0010206629	WSBG710	N
T-Mobile License LLC	D27005	BECKER, MN	1	0010206629	WSBG711	N
T-Mobile License LLC	D27005	BECKER, MN	2	0010206629	WSBG712	N
T-Mobile License LLC	D27005	BECKER, MN	3	0010206629	WSBG713	N
T-Mobile License LLC	D27007	BELTRAMI, MN	1	0010206629	WSBG714	N
T-Mobile License LLC	D27007	BELTRAMI, MN	2	0010206629	WSBG715	N
T-Mobile License LLC	D27007	BELTRAMI, MN	3	0010206629	WSBG716	N
T-Mobile License LLC	D27009	BENTON, MN	1	0010206629	WSBG717	N
T-Mobile License LLC	D27009	BENTON, MN	2	0010206629	WSBG718	N
T-Mobile License LLC	D27009	BENTON, MN	3	0010206629	WSBG719	N
T-Mobile License LLC	D27011	BIG STONE, MN	1	0010206629	WSBG720	N
T-Mobile License LLC	D27011	BIG STONE, MN	2	0010206629	WSBG721	N
T-Mobile License LLC	D27011	BIG STONE, MN	3	0010206629	WSBG722	N
T-Mobile License LLC	D27015	BROWN, MN	1	0010206629	WSBG723	N
T-Mobile License LLC	D27015	BROWN, MN	2	0010206629	WSBG724	N
T-Mobile License LLC	D27015	BROWN, MN	3	0010206629	WSBG725	N
T-Mobile License LLC	D27017	CARLTON, MN	1	0010206629	WSBG726	N
T-Mobile License LLC	D27017	CARLTON, MN	2	0010206629	WSBG727	N
T-Mobile License LLC	D27017	CARLTON, MN	3	0010206629	WSBG728	N
T-Mobile License LLC	D27019	CARVER, MN	1	0010206629	WSBG729	N

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T-Mobile License LLC	D27019	CARVER, MN	2	0010206629	WSBG730	N
T-Mobile License LLC	D27019	CARVER, MN	3	0010206629	WSBG731	N
T-Mobile License LLC	D27021	CASS, MN	1	0010206629	WSBG732	N
T-Mobile License LLC	D27021	CASS, MN	2	0010206629	WSBG733	N
T-Mobile License LLC	D27021	CASS, MN	3	0010206629	WSBG734	N
T-Mobile License LLC	D27023	CHIPPEWA, MN	1	0010206629	WSBG735	N
T-Mobile License LLC	D27023	CHIPPEWA, MN	2	0010206629	WSBG736	N
T-Mobile License LLC	D27023	CHIPPEWA, MN	3	0010206629	WSBG737	N
T-Mobile License LLC	D27025	CHISAGO, MN	1	0010206629	WSBG738	N
T-Mobile License LLC	D27025	CHISAGO, MN	2	0010206629	WSBG739	N
T-Mobile License LLC	D27025	CHISAGO, MN	3	0010206629	WSBG740	N
T-Mobile License LLC	D27027	CLAY, MN	1	0010206629	WSBG741	N
T-Mobile License LLC	D27027	CLAY, MN	2	0010206629	WSBG742	N
T-Mobile License LLC	D27029	CLEARWATER, MN	1	0010206629	WSBG743	N
T-Mobile License LLC	D27029	CLEARWATER, MN	2	0010206629	WSBG744	N
T-Mobile License LLC	D27029	CLEARWATER, MN	3	0010206629	WSBG745	N
T-Mobile License LLC	D27031	COOK, MN	1	0010206629	WSBG746	N
T-Mobile License LLC	D27031	COOK, MN	2	0010206629	WSBG747	N
T-Mobile License LLC	D27031	COOK, MN	3	0010206629	WSBG748	N
T-Mobile License LLC	D27033	COTTONWOOD, MN	2	0010206629	WSBG749	N
T-Mobile License LLC	D27033	COTTONWOOD, MN	3	0010206629	WSBG750	N
T-Mobile License LLC	D27035	CROW WING, MN	1	0010206629	WSBG751	N
T-Mobile License LLC	D27035	CROW WING, MN	2	0010206629	WSBG752	N
T-Mobile License LLC	D27035	CROW WING, MN	3	0010206629	WSBG753	N
T-Mobile License LLC	D27037	DAKOTA, MN	1	0010206629	WSBG754	N
T-Mobile License LLC	D27037	DAKOTA, MN	2	0010206629	WSBG755	N
T-Mobile License LLC	D27039	DODGE, MN	1	0010206629	WSBG756	N
T-Mobile License LLC	D27039	DODGE, MN	2	0010206629	WSBG757	N
T-Mobile License LLC	D27039	DODGE, MN	3	0010206629	WSBG758	N
T-Mobile License LLC	D27041	DOUGLAS, MN	1	0010206629	WSBG759	N
T-Mobile License LLC	D27041	DOUGLAS, MN	2	0010206629	WSBG760	N
T-Mobile License LLC	D27041	DOUGLAS, MN	3	0010206629	WSBG761	N
T-Mobile License LLC	D27043	FARIBAULT, MN	1	0010206629	WSBG762	N
T-Mobile License LLC	D27043	FARIBAULT, MN	2	0010206629	WSBG763	N
T-Mobile License LLC	D27043	FARIBAULT, MN	3	0010206629	WSBG764	N
T-Mobile License LLC	D27045	FILLMORE, MN	1	0010206629	WSBG765	N
T-Mobile License LLC	D27045	FILLMORE, MN	2	0010206629	WSBG766	N
T-Mobile License LLC	D27045	FILLMORE, MN	3	0010206629	WSBG767	N
T-Mobile License LLC	D27047	FREEBORN, MN	1	0010206629	WSBG768	N
T-Mobile License LLC	D27047	FREEBORN, MN	2	0010206629	WSBG769	N
T-Mobile License LLC	D27047	FREEBORN, MN	3	0010206629	WSBG770	N
T-Mobile License LLC	D27049	GOODHUE, MN	1	0010206629	WSBG771	N
T-Mobile License LLC	D27049	GOODHUE, MN	2	0010206629	WSBG772	N
T-Mobile License LLC	D27051	GRANT, MN	1	0010206629	WSBG773	N
T-Mobile License LLC	D27051	GRANT, MN	2	0010206629	WSBG774	N
T-Mobile License LLC	D27051	GRANT, MN	3	0010206629	WSBG775	N
T-Mobile License LLC	D27055	HOUSTON, MN	2	0010206629	WSBG776	N
T-Mobile License LLC	D27055	HOUSTON, MN	3	0010206629	WSBG777	N
T-Mobile License LLC	D27057	HUBBARD, MN	1	0010206629	WSBG778	N
T-Mobile License LLC	D27057	HUBBARD, MN	2	0010206629	WSBG779	N
T-Mobile License LLC	D27057	HUBBARD, MN	3	0010206629	WSBG780	N
T-Mobile License LLC	D27059	ISANTI, MN	1	0010206629	WSBG781	N
T-Mobile License LLC	D27059	ISANTI, MN	2	0010206629	WSBG782	N
T-Mobile License LLC	D27059	ISANTI, MN	3	0010206629	WSBG783	N
T-Mobile License LLC	D27061	ITASCA, MN	1	0010206629	WSBG784	N
T-Mobile License LLC	D27061	ITASCA, MN	2	0010206629	WSBG785	N

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T-Mobile License LLC	D27061	ITASCA, MN	3	0010206629	WSBG786	N
T-Mobile License LLC	D27063	JACKSON, MN	1	0010206629	WSBG787	N
T-Mobile License LLC	D27063	JACKSON, MN	2	0010206629	WSBG788	N
T-Mobile License LLC	D27065	KANABEC, MN	1	0010206629	WSBG789	N
T-Mobile License LLC	D27065	KANABEC, MN	2	0010206629	WSBG790	N
T-Mobile License LLC	D27065	KANABEC, MN	3	0010206629	WSBG791	N
T-Mobile License LLC	D27067	KANDIYOHI, MN	1	0010206629	WSBG792	N
T-Mobile License LLC	D27067	KANDIYOHI, MN	2	0010206629	WSBG793	N
T-Mobile License LLC	D27069	KITTSON, MN	1	0010206629	WSBG794	N
T-Mobile License LLC	D27069	KITTSON, MN	2	0010206629	WSBG795	N
T-Mobile License LLC	D27069	KITTSON, MN	3	0010206629	WSBG796	N
T-Mobile License LLC	D27071	KOOCHICHING, MN	1	0010206629	WSBG797	N
T-Mobile License LLC	D27071	KOOCHICHING, MN	2	0010206629	WSBG798	N
T-Mobile License LLC	D27071	KOOCHICHING, MN	3	0010206629	WSBG799	N
T-Mobile License LLC	D27073	LAC QUI PARLE, MN	1	0010206629	WSBG800	N
T-Mobile License LLC	D27073	LAC QUI PARLE, MN	2	0010206629	WSBG801	N
T-Mobile License LLC	D27073	LAC QUI PARLE, MN	3	0010206629	WSBG802	N
T-Mobile License LLC	D27075	LAKE, MN	1	0010206629	WSBG803	N
T-Mobile License LLC	D27075	LAKE, MN	2	0010206629	WSBG804	N
T-Mobile License LLC	D27075	LAKE, MN	3	0010206629	WSBG805	N
T-Mobile License LLC	D27077	LAKE OF THE WOODS, MN	1	0010206629	WSBG806	N
T-Mobile License LLC	D27077	LAKE OF THE WOODS, MN	2	0010206629	WSBG807	N
T-Mobile License LLC	D27077	LAKE OF THE WOODS, MN	3	0010206629	WSBG808	N
T-Mobile License LLC	D27081	LINCOLN, MN	1	0010206629	WSBG809	N
T-Mobile License LLC	D27081	LINCOLN, MN	2	0010206629	WSBG810	N
T-Mobile License LLC	D27081	LINCOLN, MN	3	0010206629	WSBG811	N
T-Mobile License LLC	D27083	LYON, MN	1	0010206629	WSBG812	N
T-Mobile License LLC	D27083	LYON, MN	2	0010206629	WSBG813	N
T-Mobile License LLC	D27083	LYON, MN	3	0010206629	WSBG814	N
T-Mobile License LLC	D27085	MCLEOD, MN	1	0010206629	WSBG815	N
T-Mobile License LLC	D27085	MCLEOD, MN	2	0010206629	WSBG816	N
T-Mobile License LLC	D27085	MCLEOD, MN	3	0010206629	WSBG817	N
T-Mobile License LLC	D27087	MAHNOMEN, MN	1	0010206629	WSBG818	N
T-Mobile License LLC	D27087	MAHNOMEN, MN	2	0010206629	WSBG819	N
T-Mobile License LLC	D27087	MAHNOMEN, MN	3	0010206629	WSBG820	N
T-Mobile License LLC	D27089	MARSHALL, MN	1	0010206629	WSBG821	N
T-Mobile License LLC	D27089	MARSHALL, MN	2	0010206629	WSBG822	N
T-Mobile License LLC	D27089	MARSHALL, MN	3	0010206629	WSBG823	N
T-Mobile License LLC	D27091	MARTIN, MN	1	0010206629	WSBG824	N
T-Mobile License LLC	D27091	MARTIN, MN	2	0010206629	WSBG825	N
T-Mobile License LLC	D27093	MEEKER, MN	1	0010206629	WSBG826	N
T-Mobile License LLC	D27093	MEEKER, MN	2	0010206629	WSBG827	N
T-Mobile License LLC	D27095	MILLE LACS, MN	1	0010206629	WSBG828	N
T-Mobile License LLC	D27095	MILLE LACS, MN	2	0010206629	WSBG829	N
T-Mobile License LLC	D27095	MILLE LACS, MN	3	0010206629	WSBG830	N
T-Mobile License LLC	D27097	MORRISON, MN	1	0010206629	WSBG831	N
T-Mobile License LLC	D27097	MORRISON, MN	2	0010206629	WSBG832	N
T-Mobile License LLC	D27097	MORRISON, MN	3	0010206629	WSBG833	N
T-Mobile License LLC	D27099	MOWER, MN	1	0010206629	WSBG834	N
T-Mobile License LLC	D27099	MOWER, MN	2	0010206629	WSBG835	N
T-Mobile License LLC	D27099	MOWER, MN	3	0010206629	WSBG836	N
T-Mobile License LLC	D27101	MURRAY, MN	1	0010206629	WSBG837	N
T-Mobile License LLC	D27101	MURRAY, MN	2	0010206629	WSBG838	N
T-Mobile License LLC	D27101	MURRAY, MN	3	0010206629	WSBG839	N
T-Mobile License LLC	D27103	NICOLLET, MN	1	0010206629	WSBG840	N
T-Mobile License LLC	D27103	NICOLLET, MN	2	0010206629	WSBG841	N

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T-Mobile License LLC	D27103	NICOLLET, MN	3	0010206629	WSBG842	N
T-Mobile License LLC	D27105	NOBLES, MN	1	0010206629	WSBG843	N
T-Mobile License LLC	D27105	NOBLES, MN	2	0010206629	WSBG844	N
T-Mobile License LLC	D27105	NOBLES, MN	3	0010206629	WSBG845	N
T-Mobile License LLC	D27107	NORMAN, MN	1	0010206629	WSBG846	N
T-Mobile License LLC	D27107	NORMAN, MN	2	0010206629	WSBG847	N
T-Mobile License LLC	D27107	NORMAN, MN	3	0010206629	WSBG848	N
T-Mobile License LLC	D27109	OLMSTED, MN	1	0010206629	WSBG849	N
T-Mobile License LLC	D27109	OLMSTED, MN	2	0010206629	WSBG850	N
T-Mobile License LLC	D27109	OLMSTED, MN	3	0010206629	WSBG851	N
T-Mobile License LLC	D27111	OTTER TAIL, MN	1	0010206629	WSBG852	N
T-Mobile License LLC	D27111	OTTER TAIL, MN	2	0010206629	WSBG853	N
T-Mobile License LLC	D27111	OTTER TAIL, MN	3	0010206629	WSBG854	N
T-Mobile License LLC	D27113	PENNINGTON, MN	1	0010206629	WSBG855	N
T-Mobile License LLC	D27113	PENNINGTON, MN	2	0010206629	WSBG856	N
T-Mobile License LLC	D27113	PENNINGTON, MN	3	0010206629	WSBG857	N
T-Mobile License LLC	D27115	PINE, MN	1	0010206629	WSBG858	N
T-Mobile License LLC	D27115	PINE, MN	2	0010206629	WSBG859	N
T-Mobile License LLC	D27115	PINE, MN	3	0010206629	WSBG860	N
T-Mobile License LLC	D27117	PIPESTONE, MN	1	0010206629	WSBG861	N
T-Mobile License LLC	D27117	PIPESTONE, MN	2	0010206629	WSBG862	N
T-Mobile License LLC	D27117	PIPESTONE, MN	3	0010206629	WSBG863	N
T-Mobile License LLC	D27119	POLK, MN	1	0010206629	WSBG864	N
T-Mobile License LLC	D27119	POLK, MN	2	0010206629	WSBG865	N
T-Mobile License LLC	D27119	POLK, MN	3	0010206629	WSBG866	N
T-Mobile License LLC	D27121	POPE, MN	1	0010206629	WSBG867	N
T-Mobile License LLC	D27121	POPE, MN	2	0010206629	WSBG868	N
T-Mobile License LLC	D27121	POPE, MN	3	0010206629	WSBG869	N
T-Mobile License LLC	D27125	RED LAKE, MN	1	0010206629	WSBG870	N
T-Mobile License LLC	D27125	RED LAKE, MN	2	0010206629	WSBG871	N
T-Mobile License LLC	D27125	RED LAKE, MN	3	0010206629	WSBG872	N
T-Mobile License LLC	D27127	REDWOOD, MN	1	0010206629	WSBG873	N
T-Mobile License LLC	D27127	REDWOOD, MN	2	0010206629	WSBG874	N
T-Mobile License LLC	D27127	REDWOOD, MN	3	0010206629	WSBG875	N
T-Mobile License LLC	D27129	RENVILLE, MN	1	0010206629	WSBG876	N
T-Mobile License LLC	D27129	RENVILLE, MN	2	0010206629	WSBG877	N
T-Mobile License LLC	D27129	RENVILLE, MN	3	0010206629	WSBG878	N
T-Mobile License LLC	D27131	RICE, MN	1	0010206629	WSBG879	N
T-Mobile License LLC	D27131	RICE, MN	2	0010206629	WSBG880	N
T-Mobile License LLC	D27131	RICE, MN	3	0010206629	WSBG881	N
T-Mobile License LLC	D27133	ROCK, MN	1	0010206629	WSBG882	N
T-Mobile License LLC	D27133	ROCK, MN	2	0010206629	WSBG883	N
T-Mobile License LLC	D27133	ROCK, MN	3	0010206629	WSBG884	N
T-Mobile License LLC	D27135	ROSEAU, MN	1	0010206629	WSBG885	N
T-Mobile License LLC	D27135	ROSEAU, MN	2	0010206629	WSBG886	N
T-Mobile License LLC	D27135	ROSEAU, MN	3	0010206629	WSBG887	N
T-Mobile License LLC	D27137	ST. LOUIS, MN	1	0010206629	WSBG888	N
T-Mobile License LLC	D27137	ST. LOUIS, MN	2	0010206629	WSBG889	N
T-Mobile License LLC	D27137	ST. LOUIS, MN	3	0010206629	WSBG890	N
T-Mobile License LLC	D27139	SCOTT, MN	1	0010206629	WSBG891	N
T-Mobile License LLC	D27139	SCOTT, MN	2	0010206629	WSBG892	N
T-Mobile License LLC	D27139	SCOTT, MN	3	0010206629	WSBG893	N
T-Mobile License LLC	D27141	SHERBURNE, MN	1	0010206629	WSBG894	N
T-Mobile License LLC	D27141	SHERBURNE, MN	2	0010206629	WSBG895	N
T-Mobile License LLC	D27143	SIBLEY, MN	1	0010206629	WSBG896	N
T-Mobile License LLC	D27143	SIBLEY, MN	2	0010206629	WSBG897	N

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T-Mobile License LLC	D27143	SIBLEY, MN	3	0010206629	WSBG898	N
T-Mobile License LLC	D27145	STEARNS, MN	1	0010206629	WSBG899	N
T-Mobile License LLC	D27145	STEARNS, MN	2	0010206629	WSBG900	N
T-Mobile License LLC	D27147	STEELE, MN	1	0010206629	WSBG901	N
T-Mobile License LLC	D27147	STEELE, MN	2	0010206629	WSBG902	N
T-Mobile License LLC	D27147	STEELE, MN	3	0010206629	WSBG903	N
T-Mobile License LLC	D27149	STEVENS, MN	1	0010206629	WSBG904	N
T-Mobile License LLC	D27149	STEVENS, MN	2	0010206629	WSBG905	N
T-Mobile License LLC	D27149	STEVENS, MN	3	0010206629	WSBG906	N
T-Mobile License LLC	D27151	SWIFT, MN	1	0010206629	WSBG907	N
T-Mobile License LLC	D27151	SWIFT, MN	2	0010206629	WSBG908	N
T-Mobile License LLC	D27151	SWIFT, MN	3	0010206629	WSBG909	N
T-Mobile License LLC	D27153	TODD, MN	2	0010206629	WSBG910	N
T-Mobile License LLC	D27153	TODD, MN	3	0010206629	WSBG911	N
T-Mobile License LLC	D27155	TRAVERSE, MN	1	0010206629	WSBG912	N
T-Mobile License LLC	D27155	TRAVERSE, MN	2	0010206629	WSBG913	N
T-Mobile License LLC	D27155	TRAVERSE, MN	3	0010206629	WSBG914	N
T-Mobile License LLC	D27157	WABASHA, MN	1	0010206629	WSBG915	N
T-Mobile License LLC	D27157	WABASHA, MN	2	0010206629	WSBG916	N
T-Mobile License LLC	D27157	WABASHA, MN	3	0010206629	WSBG917	N
T-Mobile License LLC	D27159	WADENA, MN	1	0010206629	WSBG918	N
T-Mobile License LLC	D27159	WADENA, MN	2	0010206629	WSBG919	N
T-Mobile License LLC	D27159	WADENA, MN	3	0010206629	WSBG920	N
T-Mobile License LLC	D27161	WASECA, MN	1	0010206629	WSBG921	N
T-Mobile License LLC	D27161	WASECA, MN	2	0010206629	WSBG922	N
T-Mobile License LLC	D27161	WASECA, MN	3	0010206629	WSBG923	N
T-Mobile License LLC	D27165	WATONWAN, MN	2	0010206629	WSBG924	N
T-Mobile License LLC	D27165	WATONWAN, MN	3	0010206629	WSBG925	N
T-Mobile License LLC	D27167	WILKIN, MN	1	0010206629	WSBG926	N
T-Mobile License LLC	D27167	WILKIN, MN	2	0010206629	WSBG927	N
T-Mobile License LLC	D27167	WILKIN, MN	3	0010206629	WSBG928	N
T-Mobile License LLC	D27169	WINONA, MN	1	0010206629	WSBG929	N
T-Mobile License LLC	D27169	WINONA, MN	2	0010206629	WSBG930	N
T-Mobile License LLC	D27169	WINONA, MN	3	0010206629	WSBG931	N
T-Mobile License LLC	D27171	WRIGHT, MN	1	0010206629	WSBG932	N
T-Mobile License LLC	D27171	WRIGHT, MN	2	0010206629	WSBG933	N
T-Mobile License LLC	D27173	YELLOW MEDICINE, MN	1	0010206629	WSBG934	N
T-Mobile License LLC	D27173	YELLOW MEDICINE, MN	2	0010206629	WSBG935	N
T-Mobile License LLC	D27173	YELLOW MEDICINE, MN	3	0010206629	WSBG936	N
T-Mobile License LLC	D28001	ADAMS, MS	1	0010206629	WSBG937	N
T-Mobile License LLC	D28003	ALCORN, MS	2	0010206629	WSBG938	N
T-Mobile License LLC	D28003	ALCORN, MS	3	0010206629	WSBG939	N
T-Mobile License LLC	D28009	BENTON, MS	2	0010206629	WSBG940	N
T-Mobile License LLC	D28009	BENTON, MS	3	0010206629	WSBG941	N
T-Mobile License LLC	D28011	BOLIVAR, MS	2	0010206629	WSBG942	N
T-Mobile License LLC	D28011	BOLIVAR, MS	3	0010206629	WSBG943	N
T-Mobile License LLC	D28015	CARROLL, MS	1	0010206629	WSBG944	N
T-Mobile License LLC	D28015	CARROLL, MS	2	0010206629	WSBG945	N
T-Mobile License LLC	D28015	CARROLL, MS	3	0010206629	WSBG946	N
T-Mobile License LLC	D28017	CHICKASAW, MS	1	0010206629	WSBG947	N
T-Mobile License LLC	D28017	CHICKASAW, MS	2	0010206629	WSBG948	N
T-Mobile License LLC	D28017	CHICKASAW, MS	3	0010206629	WSBG949	N
T-Mobile License LLC	D28021	CLAIBORNE, MS	2	0010206629	WSBG950	N
T-Mobile License LLC	D28021	CLAIBORNE, MS	3	0010206629	WSBG951	N
T-Mobile License LLC	D28027	COAHOMA, MS	1	0010206629	WSBG952	N
T-Mobile License LLC	D28027	COAHOMA, MS	3	0010206629	WSBG953	N

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T-Mobile License LLC	D28029	COPIAH, MS	1	0010206629	WSBG954	N
T-Mobile License LLC	D28029	COPIAH, MS	2	0010206629	WSBG955	N
T-Mobile License LLC	D28029	COPIAH, MS	3	0010206629	WSBG956	N
T-Mobile License LLC	D28031	COVINGTON, MS	1	0010206629	WSBG957	N
T-Mobile License LLC	D28031	COVINGTON, MS	2	0010206629	WSBG958	N
T-Mobile License LLC	D28031	COVINGTON, MS	3	0010206629	WSBG959	N
T-Mobile License LLC	D28039	GEORGE, MS	1	0010206629	WSBG960	N
T-Mobile License LLC	D28039	GEORGE, MS	2	0010206629	WSBG961	N
T-Mobile License LLC	D28041	GREENE, MS	2	0010206629	WSBG962	N
T-Mobile License LLC	D28041	GREENE, MS	3	0010206629	WSBG963	N
T-Mobile License LLC	D28043	GRENADA, MS	2	0010206629	WSBG964	N
T-Mobile License LLC	D28043	GRENADA, MS	3	0010206629	WSBG965	N
T-Mobile License LLC	D28045	HANCOCK, MS	1	0010206629	WSBG966	N
T-Mobile License LLC	D28045	HANCOCK, MS	3	0010206629	WSBG967	N
T-Mobile License LLC	D28047	HARRISON, MS	3	0010206629	WSBG968	N
T-Mobile License LLC	D28051	HOLMES, MS	1	0010206629	WSBG969	N
T-Mobile License LLC	D28051	HOLMES, MS	2	0010206629	WSBG970	N
T-Mobile License LLC	D28055	ISSAQUENA, MS	3	0010206629	WSBG971	N
T-Mobile License LLC	D28059	JACKSON, MS	1	0010206629	WSBG972	N
T-Mobile License LLC	D28059	JACKSON, MS	3	0010206629	WSBG973	N
T-Mobile License LLC	D28061	JASPER, MS	2	0010206629	WSBG974	N
T-Mobile License LLC	D28061	JASPER, MS	3	0010206629	WSBG975	N
T-Mobile License LLC	D28063	JEFFERSON, MS	1	0010206629	WSBG976	N
T-Mobile License LLC	D28063	JEFFERSON, MS	2	0010206629	WSBG977	N
T-Mobile License LLC	D28063	JEFFERSON, MS	3	0010206629	WSBG978	N
T-Mobile License LLC	D28065	JEFFERSON DAVIS, MS	2	0010206629	WSBG979	N
T-Mobile License LLC	D28065	JEFFERSON DAVIS, MS	3	0010206629	WSBG980	N
T-Mobile License LLC	D28069	KEMPER, MS	1	0010206629	WSBG981	N
T-Mobile License LLC	D28069	KEMPER, MS	2	0010206629	WSBG982	N
T-Mobile License LLC	D28069	KEMPER, MS	3	0010206629	WSBG983	N
T-Mobile License LLC	D28073	LAMAR, MS	3	0010206629	WSBG984	N
T-Mobile License LLC	D28077	LAWRENCE, MS	2	0010206629	WSBG985	N
T-Mobile License LLC	D28077	LAWRENCE, MS	3	0010206629	WSBG986	N
T-Mobile License LLC	D28079	LEAKE, MS	1	0010206629	WSBG987	N
T-Mobile License LLC	D28079	LEAKE, MS	2	0010206629	WSBG988	N
T-Mobile License LLC	D28079	LEAKE, MS	3	0010206629	WSBG989	N
T-Mobile License LLC	D28083	LEFLORE, MS	1	0010206629	WSBG990	N
T-Mobile License LLC	D28083	LEFLORE, MS	2	0010206629	WSBG991	N
T-Mobile License LLC	D28083	LEFLORE, MS	3	0010206629	WSBG992	N
T-Mobile License LLC	D28085	LINCOLN, MS	1	0010206629	WSBG993	N
T-Mobile License LLC	D28085	LINCOLN, MS	2	0010206629	WSBG994	N
T-Mobile License LLC	D28085	LINCOLN, MS	3	0010206629	WSBG995	N
T-Mobile License LLC	D28091	MARION, MS	1	0010206629	WSBG996	N
T-Mobile License LLC	D28091	MARION, MS	3	0010206629	WSBG997	N
T-Mobile License LLC	D28093	MARSHALL, MS	1	0010206629	WSBG998	N
T-Mobile License LLC	D28093	MARSHALL, MS	2	0010206629	WSBG999	N
T-Mobile License LLC	D28093	MARSHALL, MS	3	0010206629	WSBH200	N
T-Mobile License LLC	D28095	MONROE, MS	1	0010206629	WSBH201	N
T-Mobile License LLC	D28095	MONROE, MS	2	0010206629	WSBH202	N
T-Mobile License LLC	D28095	MONROE, MS	3	0010206629	WSBH203	N
T-Mobile License LLC	D28099	NESHOBA, MS	1	0010206629	WSBH204	N
T-Mobile License LLC	D28099	NESHOBA, MS	3	0010206629	WSBH205	N
T-Mobile License LLC	D28101	NEWTON, MS	2	0010206629	WSBH206	N
T-Mobile License LLC	D28101	NEWTON, MS	3	0010206629	WSBH207	N
T-Mobile License LLC	D28109	PEARL RIVER, MS	3	0010206629	WSBH208	N
T-Mobile License LLC	D28117	PRENTISS, MS	1	0010206629	WSBH209	N

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T-Mobile License LLC	D28117	PRENTISS, MS	2	0010206629	WSBH210	N
T-Mobile License LLC	D28117	PRENTISS, MS	3	0010206629	WSBH211	N
T-Mobile License LLC	D28119	QUITMAN, MS	3	0010206629	WSBH212	N
T-Mobile License LLC	D28121	RANKIN, MS	1	0010206629	WSBH213	N
T-Mobile License LLC	D28121	RANKIN, MS	2	0010206629	WSBH214	N
T-Mobile License LLC	D28121	RANKIN, MS	3	0010206629	WSBH215	N
T-Mobile License LLC	D28123	SCOTT, MS	2	0010206629	WSBH216	N
T-Mobile License LLC	D28123	SCOTT, MS	3	0010206629	WSBH217	N
T-Mobile License LLC	D28125	SHARKEY, MS	2	0010206629	WSBH218	N
T-Mobile License LLC	D28125	SHARKEY, MS	3	0010206629	WSBH219	N
T-Mobile License LLC	D28127	SIMPSON, MS	3	0010206629	WSBH220	N
T-Mobile License LLC	D28129	SMITH, MS	2	0010206629	WSBH221	N
T-Mobile License LLC	D28129	SMITH, MS	3	0010206629	WSBH222	N
T-Mobile License LLC	D28133	SUNFLOWER, MS	3	0010206629	WSBH223	N
T-Mobile License LLC	D28135	TALLAHATCHIE, MS	2	0010206629	WSBH224	N
T-Mobile License LLC	D28135	TALLAHATCHIE, MS	3	0010206629	WSBH225	N
T-Mobile License LLC	D28137	TATE, MS	1	0010206629	WSBH226	N
T-Mobile License LLC	D28137	TATE, MS	2	0010206629	WSBH227	N
T-Mobile License LLC	D28137	TATE, MS	3	0010206629	WSBH228	N
T-Mobile License LLC	D28139	TIPPAH, MS	1	0010206629	WSBH229	N
T-Mobile License LLC	D28139	TIPPAH, MS	2	0010206629	WSBH230	N
T-Mobile License LLC	D28139	TIPPAH, MS	3	0010206629	WSBH231	N
T-Mobile License LLC	D28141	TISHOMINGO, MS	1	0010206629	WSBH232	N
T-Mobile License LLC	D28141	TISHOMINGO, MS	2	0010206629	WSBH233	N
T-Mobile License LLC	D28141	TISHOMINGO, MS	3	0010206629	WSBH234	N
T-Mobile License LLC	D28143	TUNICA, MS	1	0010206629	WSBH235	N
T-Mobile License LLC	D28143	TUNICA, MS	2	0010206629	WSBH236	N
T-Mobile License LLC	D28143	TUNICA, MS	3	0010206629	WSBH237	N
T-Mobile License LLC	D28147	WALTHALL, MS	1	0010206629	WSBH238	N
T-Mobile License LLC	D28147	WALTHALL, MS	2	0010206629	WSBH239	N
T-Mobile License LLC	D28147	WALTHALL, MS	3	0010206629	WSBH240	N
T-Mobile License LLC	D28149	WARREN, MS	2	0010206629	WSBH241	N
T-Mobile License LLC	D28149	WARREN, MS	3	0010206629	WSBH242	N
T-Mobile License LLC	D28151	WASHINGTON, MS	1	0010206629	WSBH243	N
T-Mobile License LLC	D28151	WASHINGTON, MS	2	0010206629	WSBH244	N
T-Mobile License LLC	D28151	WASHINGTON, MS	3	0010206629	WSBH245	N
T-Mobile License LLC	D28153	WAYNE, MS	3	0010206629	WSBH246	N
T-Mobile License LLC	D28157	WILKINSON, MS	1	0010206629	WSBH247	N
T-Mobile License LLC	D28157	WILKINSON, MS	2	0010206629	WSBH248	N
T-Mobile License LLC	D28157	WILKINSON, MS	3	0010206629	WSBH249	N
T-Mobile License LLC	D28159	WINSTON, MS	1	0010206629	WSBH250	N
T-Mobile License LLC	D28159	WINSTON, MS	2	0010206629	WSBH251	N
T-Mobile License LLC	D28159	WINSTON, MS	3	0010206629	WSBH252	N
T-Mobile License LLC	D28163	YAZOO, MS	1	0010206629	WSBH253	N
T-Mobile License LLC	D28163	YAZOO, MS	3	0010206629	WSBH254	N
T-Mobile License LLC	D29001	ADAIR, MO	2	0010206629	WSBH255	N
T-Mobile License LLC	D29001	ADAIR, MO	3	0010206629	WSBH256	N
T-Mobile License LLC	D29003	ANDREW, MO	1	0010206629	WSBH257	N
T-Mobile License LLC	D29003	ANDREW, MO	2	0010206629	WSBH258	N
T-Mobile License LLC	D29003	ANDREW, MO	3	0010206629	WSBH259	N
T-Mobile License LLC	D29005	ATCHISON, MO	1	0010206629	WSBH260	N
T-Mobile License LLC	D29005	ATCHISON, MO	2	0010206629	WSBH261	N
T-Mobile License LLC	D29007	AUDRAIN, MO	1	0010206629	WSBH262	N
T-Mobile License LLC	D29007	AUDRAIN, MO	2	0010206629	WSBH263	N
T-Mobile License LLC	D29007	AUDRAIN, MO	3	0010206629	WSBH264	N
T-Mobile License LLC	D29009	BARRY, MO	1	0010206629	WSBH265	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D29009	BARRY, MO	2	0010206629	WSBH266	N
T-Mobile License LLC	D29009	BARRY, MO	3	0010206629	WSBH267	N
T-Mobile License LLC	D29011	BARTON, MO	1	0010206629	WSBH268	N
T-Mobile License LLC	D29011	BARTON, MO	2	0010206629	WSBH269	N
T-Mobile License LLC	D29011	BARTON, MO	3	0010206629	WSBH270	N
T-Mobile License LLC	D29013	BATES, MO	1	0010206629	WSBH271	N
T-Mobile License LLC	D29013	BATES, MO	2	0010206629	WSBH272	N
T-Mobile License LLC	D29015	BENTON, MO	1	0010206629	WSBH273	N
T-Mobile License LLC	D29015	BENTON, MO	2	0010206629	WSBH274	N
T-Mobile License LLC	D29017	BOLLINGER, MO	1	0010206629	WSBH275	N
T-Mobile License LLC	D29017	BOLLINGER, MO	2	0010206629	WSBH276	N
T-Mobile License LLC	D29017	BOLLINGER, MO	3	0010206629	WSBH277	N
T-Mobile License LLC	D29019	BOONE, MO	1	0010206629	WSBH278	N
T-Mobile License LLC	D29019	BOONE, MO	2	0010206629	WSBH279	N
T-Mobile License LLC	D29019	BOONE, MO	3	0010206629	WSBH280	N
T-Mobile License LLC	D29023	BUTLER, MO	1	0010206629	WSBH281	N
T-Mobile License LLC	D29023	BUTLER, MO	2	0010206629	WSBH282	N
T-Mobile License LLC	D29023	BUTLER, MO	3	0010206629	WSBH283	N
T-Mobile License LLC	D29025	CALDWELL, MO	1	0010206629	WSBH284	N
T-Mobile License LLC	D29025	CALDWELL, MO	2	0010206629	WSBH285	N
T-Mobile License LLC	D29025	CALDWELL, MO	3	0010206629	WSBH286	N
T-Mobile License LLC	D29027	CALLAWAY, MO	1	0010206629	WSBH287	N
T-Mobile License LLC	D29027	CALLAWAY, MO	2	0010206629	WSBH288	N
T-Mobile License LLC	D29027	CALLAWAY, MO	3	0010206629	WSBH289	N
T-Mobile License LLC	D29029	CAMDEN, MO	1	0010206629	WSBH290	N
T-Mobile License LLC	D29029	CAMDEN, MO	2	0010206629	WSBH291	N
T-Mobile License LLC	D29029	CAMDEN, MO	3	0010206629	WSBH292	N
T-Mobile License LLC	D29031	CAPE GIRARDEAU, MO	1	0010206629	WSBH293	N
T-Mobile License LLC	D29031	CAPE GIRARDEAU, MO	2	0010206629	WSBH294	N
T-Mobile License LLC	D29031	CAPE GIRARDEAU, MO	3	0010206629	WSBH295	N
T-Mobile License LLC	D29033	CARROLL, MO	3	0010206629	WSBH296	N
T-Mobile License LLC	D29035	CARTER, MO	1	0010206629	WSBH297	N
T-Mobile License LLC	D29035	CARTER, MO	2	0010206629	WSBH298	N
T-Mobile License LLC	D29035	CARTER, MO	3	0010206629	WSBH299	N
T-Mobile License LLC	D29037	CASS, MO	2	0010206629	WSBH300	N
T-Mobile License LLC	D29037	CASS, MO	3	0010206629	WSBH301	N
T-Mobile License LLC	D29039	CEDAR, MO	2	0010206629	WSBH302	N
T-Mobile License LLC	D29039	CEDAR, MO	3	0010206629	WSBH303	N
T-Mobile License LLC	D29041	CHARITON, MO	2	0010206629	WSBH304	N
T-Mobile License LLC	D29041	CHARITON, MO	3	0010206629	WSBH305	N
T-Mobile License LLC	D29043	CHRISTIAN, MO	2	0010206629	WSBH306	N
T-Mobile License LLC	D29043	CHRISTIAN, MO	3	0010206629	WSBH307	N
T-Mobile License LLC	D29045	CLARK, MO	2	0010206629	WSBH308	N
T-Mobile License LLC	D29045	CLARK, MO	3	0010206629	WSBH309	N
T-Mobile License LLC	D29051	COLE, MO	1	0010206629	WSBH310	N
T-Mobile License LLC	D29051	COLE, MO	2	0010206629	WSBH311	N
T-Mobile License LLC	D29051	COLE, MO	3	0010206629	WSBH312	N
T-Mobile License LLC	D29053	COOPER, MO	1	0010206629	WSBH313	N
T-Mobile License LLC	D29053	COOPER, MO	2	0010206629	WSBH314	N
T-Mobile License LLC	D29055	CRAWFORD, MO	1	0010206629	WSBH315	N
T-Mobile License LLC	D29055	CRAWFORD, MO	2	0010206629	WSBH316	N
T-Mobile License LLC	D29055	CRAWFORD, MO	3	0010206629	WSBH317	N
T-Mobile License LLC	D29057	DADE, MO	1	0010206629	WSBH318	N
T-Mobile License LLC	D29057	DADE, MO	2	0010206629	WSBH319	N
T-Mobile License LLC	D29057	DADE, MO	3	0010206629	WSBH320	N
T-Mobile License LLC	D29059	DALLAS, MO	1	0010206629	WSBH321	N

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T-Mobile License LLC	D29059	DALLAS, MO	2	0010206629	WSBH322	N
T-Mobile License LLC	D29059	DALLAS, MO	3	0010206629	WSBH323	N
T-Mobile License LLC	D29061	DAVIESS, MO	1	0010206629	WSBH324	N
T-Mobile License LLC	D29061	DAVIESS, MO	2	0010206629	WSBH325	N
T-Mobile License LLC	D29061	DAVIESS, MO	3	0010206629	WSBH326	N
T-Mobile License LLC	D29065	DENT, MO	1	0010206629	WSBH327	N
T-Mobile License LLC	D29065	DENT, MO	2	0010206629	WSBH328	N
T-Mobile License LLC	D29065	DENT, MO	3	0010206629	WSBH329	N
T-Mobile License LLC	D29067	DOUGLAS, MO	1	0010206629	WSBH330	N
T-Mobile License LLC	D29067	DOUGLAS, MO	2	0010206629	WSBH331	N
T-Mobile License LLC	D29067	DOUGLAS, MO	3	0010206629	WSBH332	N
T-Mobile License LLC	D29069	DUNKLIN, MO	1	0010206629	WSBH333	N
T-Mobile License LLC	D29069	DUNKLIN, MO	2	0010206629	WSBH334	N
T-Mobile License LLC	D29069	DUNKLIN, MO	3	0010206629	WSBH335	N
T-Mobile License LLC	D29071	FRANKLIN, MO	1	0010206629	WSBH336	N
T-Mobile License LLC	D29071	FRANKLIN, MO	2	0010206629	WSBH337	N
T-Mobile License LLC	D29071	FRANKLIN, MO	3	0010206629	WSBH338	N
T-Mobile License LLC	D29073	GASCONADE, MO	1	0010206629	WSBH339	N
T-Mobile License LLC	D29073	GASCONADE, MO	2	0010206629	WSBH340	N
T-Mobile License LLC	D29073	GASCONADE, MO	3	0010206629	WSBH341	N
T-Mobile License LLC	D29075	GENTRY, MO	1	0010206629	WSBH342	N
T-Mobile License LLC	D29075	GENTRY, MO	2	0010206629	WSBH343	N
T-Mobile License LLC	D29075	GENTRY, MO	3	0010206629	WSBH344	N
T-Mobile License LLC	D29077	GREENE, MO	2	0010206629	WSBH345	N
T-Mobile License LLC	D29077	GREENE, MO	3	0010206629	WSBH346	N
T-Mobile License LLC	D29079	GRUNDY, MO	2	0010206629	WSBH347	N
T-Mobile License LLC	D29079	GRUNDY, MO	3	0010206629	WSBH348	N
T-Mobile License LLC	D29081	HARRISON, MO	2	0010206629	WSBH349	N
T-Mobile License LLC	D29081	HARRISON, MO	3	0010206629	WSBH350	N
T-Mobile License LLC	D29083	HENRY, MO	2	0010206629	WSBH351	N
T-Mobile License LLC	D29083	HENRY, MO	3	0010206629	WSBH352	N
T-Mobile License LLC	D29085	HICKORY, MO	1	0010206629	WSBH353	N
T-Mobile License LLC	D29085	HICKORY, MO	2	0010206629	WSBH354	N
T-Mobile License LLC	D29085	HICKORY, MO	3	0010206629	WSBH355	N
T-Mobile License LLC	D29087	HOLT, MO	1	0010206629	WSBH356	N
T-Mobile License LLC	D29087	HOLT, MO	2	0010206629	WSBH357	N
T-Mobile License LLC	D29089	HOWARD, MO	1	0010206629	WSBH358	N
T-Mobile License LLC	D29089	HOWARD, MO	2	0010206629	WSBH359	N
T-Mobile License LLC	D29089	HOWARD, MO	3	0010206629	WSBH360	N
T-Mobile License LLC	D29091	HOWELL, MO	2	0010206629	WSBH361	N
T-Mobile License LLC	D29091	HOWELL, MO	3	0010206629	WSBH362	N
T-Mobile License LLC	D29093	IRON, MO	1	0010206629	WSBH363	N
T-Mobile License LLC	D29093	IRON, MO	2	0010206629	WSBH364	N
T-Mobile License LLC	D29093	IRON, MO	3	0010206629	WSBH365	N
T-Mobile License LLC	D29099	JEFFERSON, MO	1	0010206629	WSBH366	N
T-Mobile License LLC	D29099	JEFFERSON, MO	2	0010206629	WSBH367	N
T-Mobile License LLC	D29099	JEFFERSON, MO	3	0010206629	WSBH368	N
T-Mobile License LLC	D29101	JOHNSON, MO	1	0010206629	WSBH369	N
T-Mobile License LLC	D29101	JOHNSON, MO	2	0010206629	WSBH370	N
T-Mobile License LLC	D29101	JOHNSON, MO	3	0010206629	WSBH371	N
T-Mobile License LLC	D29103	KNOX, MO	2	0010206629	WSBH372	N
T-Mobile License LLC	D29103	KNOX, MO	3	0010206629	WSBH373	N
T-Mobile License LLC	D29105	LACLEDE, MO	1	0010206629	WSBH374	N
T-Mobile License LLC	D29105	LACLEDE, MO	2	0010206629	WSBH375	N
T-Mobile License LLC	D29105	LACLEDE, MO	3	0010206629	WSBH376	N
T-Mobile License LLC	D29109	LAWRENCE, MO	1	0010206629	WSBH377	N

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T-Mobile License LLC	D29109	LAWRENCE, MO	2	0010206629	WSBH378	N
T-Mobile License LLC	D29109	LAWRENCE, MO	3	0010206629	WSBH379	N
T-Mobile License LLC	D29111	LEWIS, MO	2	0010206629	WSBH380	N
T-Mobile License LLC	D29113	LINCOLN, MO	2	0010206629	WSBH381	N
T-Mobile License LLC	D29113	LINCOLN, MO	3	0010206629	WSBH382	N
T-Mobile License LLC	D29115	LINN, MO	1	0010206629	WSBH383	N
T-Mobile License LLC	D29115	LINN, MO	2	0010206629	WSBH384	N
T-Mobile License LLC	D29117	LIVINGSTON, MO	2	0010206629	WSBH385	N
T-Mobile License LLC	D29117	LIVINGSTON, MO	3	0010206629	WSBH386	N
T-Mobile License LLC	D29119	MCDONALD, MO	1	0010206629	WSBH387	N
T-Mobile License LLC	D29119	MCDONALD, MO	2	0010206629	WSBH388	N
T-Mobile License LLC	D29119	MCDONALD, MO	3	0010206629	WSBH389	N
T-Mobile License LLC	D29121	MACON, MO	2	0010206629	WSBH390	N
T-Mobile License LLC	D29121	MACON, MO	3	0010206629	WSBH391	N
T-Mobile License LLC	D29123	MADISON, MO	1	0010206629	WSBH392	N
T-Mobile License LLC	D29123	MADISON, MO	2	0010206629	WSBH393	N
T-Mobile License LLC	D29123	MADISON, MO	3	0010206629	WSBH394	N
T-Mobile License LLC	D29125	MARIES, MO	1	0010206629	WSBH395	N
T-Mobile License LLC	D29125	MARIES, MO	2	0010206629	WSBH396	N
T-Mobile License LLC	D29125	MARIES, MO	3	0010206629	WSBH397	N
T-Mobile License LLC	D29127	MARION, MO	2	0010206629	WSBH398	N
T-Mobile License LLC	D29129	MERCER, MO	2	0010206629	WSBH399	N
T-Mobile License LLC	D29129	MERCER, MO	3	0010206629	WSBH400	N
T-Mobile License LLC	D29131	MILLER, MO	1	0010206629	WSBH401	N
T-Mobile License LLC	D29131	MILLER, MO	2	0010206629	WSBH402	N
T-Mobile License LLC	D29131	MILLER, MO	3	0010206629	WSBH403	N
T-Mobile License LLC	D29135	MONITEAU, MO	1	0010206629	WSBH404	N
T-Mobile License LLC	D29135	MONITEAU, MO	2	0010206629	WSBH405	N
T-Mobile License LLC	D29137	MONROE, MO	2	0010206629	WSBH406	N
T-Mobile License LLC	D29141	MORGAN, MO	1	0010206629	WSBH407	N
T-Mobile License LLC	D29141	MORGAN, MO	2	0010206629	WSBH408	N
T-Mobile License LLC	D29141	MORGAN, MO	3	0010206629	WSBH409	N
T-Mobile License LLC	D29143	NEW MADRID, MO	1	0010206629	WSBH410	N
T-Mobile License LLC	D29143	NEW MADRID, MO	2	0010206629	WSBH411	N
T-Mobile License LLC	D29143	NEW MADRID, MO	3	0010206629	WSBH412	N
T-Mobile License LLC	D29145	NEWTON, MO	1	0010206629	WSBH413	N
T-Mobile License LLC	D29145	NEWTON, MO	2	0010206629	WSBH414	N
T-Mobile License LLC	D29147	NODAWAY, MO	1	0010206629	WSBH415	N
T-Mobile License LLC	D29147	NODAWAY, MO	2	0010206629	WSBH416	N
T-Mobile License LLC	D29149	OREGON, MO	1	0010206629	WSBH417	N
T-Mobile License LLC	D29149	OREGON, MO	2	0010206629	WSBH418	N
T-Mobile License LLC	D29149	OREGON, MO	3	0010206629	WSBH419	N
T-Mobile License LLC	D29151	OSAGE, MO	1	0010206629	WSBH420	N
T-Mobile License LLC	D29151	OSAGE, MO	2	0010206629	WSBH421	N
T-Mobile License LLC	D29151	OSAGE, MO	3	0010206629	WSBH422	N
T-Mobile License LLC	D29153	OZARK, MO	1	0010206629	WSBH423	N
T-Mobile License LLC	D29153	OZARK, MO	2	0010206629	WSBH424	N
T-Mobile License LLC	D29153	OZARK, MO	3	0010206629	WSBH425	N
T-Mobile License LLC	D29155	PEMISCOT, MO	1	0010206629	WSBH426	N
T-Mobile License LLC	D29155	PEMISCOT, MO	2	0010206629	WSBH427	N
T-Mobile License LLC	D29155	PEMISCOT, MO	3	0010206629	WSBH428	N
T-Mobile License LLC	D29157	PERRY, MO	2	0010206629	WSBH429	N
T-Mobile License LLC	D29157	PERRY, MO	3	0010206629	WSBH430	N
T-Mobile License LLC	D29161	PHELPS, MO	1	0010206629	WSBH431	N
T-Mobile License LLC	D29161	PHELPS, MO	2	0010206629	WSBH432	N
T-Mobile License LLC	D29161	PHELPS, MO	3	0010206629	WSBH433	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D29163	PIKE, MO	1	0010206629	WSBH434	N
T-Mobile License LLC	D29163	PIKE, MO	2	0010206629	WSBH435	N
T-Mobile License LLC	D29163	PIKE, MO	3	0010206629	WSBH436	N
T-Mobile License LLC	D29167	POLK, MO	1	0010206629	WSBH437	N
T-Mobile License LLC	D29167	POLK, MO	2	0010206629	WSBH438	N
T-Mobile License LLC	D29167	POLK, MO	3	0010206629	WSBH439	N
T-Mobile License LLC	D29169	PULASKI, MO	1	0010206629	WSBH440	N
T-Mobile License LLC	D29169	PULASKI, MO	2	0010206629	WSBH441	N
T-Mobile License LLC	D29169	PULASKI, MO	3	0010206629	WSBH442	N
T-Mobile License LLC	D29171	PUTNAM, MO	2	0010206629	WSBH443	N
T-Mobile License LLC	D29171	PUTNAM, MO	3	0010206629	WSBH444	N
T-Mobile License LLC	D29173	RALLS, MO	1	0010206629	WSBH445	N
T-Mobile License LLC	D29173	RALLS, MO	2	0010206629	WSBH446	N
T-Mobile License LLC	D29173	RALLS, MO	3	0010206629	WSBH447	N
T-Mobile License LLC	D29175	RANDOLPH, MO	2	0010206629	WSBH448	N
T-Mobile License LLC	D29175	RANDOLPH, MO	3	0010206629	WSBH449	N
T-Mobile License LLC	D29177	RAY, MO	2	0010206629	WSBH450	N
T-Mobile License LLC	D29177	RAY, MO	3	0010206629	WSBH451	N
T-Mobile License LLC	D29179	REYNOLDS, MO	1	0010206629	WSBH452	N
T-Mobile License LLC	D29179	REYNOLDS, MO	2	0010206629	WSBH453	N
T-Mobile License LLC	D29179	REYNOLDS, MO	3	0010206629	WSBH454	N
T-Mobile License LLC	D29181	RIPLEY, MO	1	0010206629	WSBH455	N
T-Mobile License LLC	D29181	RIPLEY, MO	2	0010206629	WSBH456	N
T-Mobile License LLC	D29181	RIPLEY, MO	3	0010206629	WSBH457	N
T-Mobile License LLC	D29185	ST. CLAIR, MO	2	0010206629	WSBH458	N
T-Mobile License LLC	D29185	ST. CLAIR, MO	3	0010206629	WSBH459	N
T-Mobile License LLC	D29186	STE. GENEVIEVE, MO	1	0010206629	WSBH460	N
T-Mobile License LLC	D29186	STE. GENEVIEVE, MO	2	0010206629	WSBH461	N
T-Mobile License LLC	D29186	STE. GENEVIEVE, MO	3	0010206629	WSBH462	N
T-Mobile License LLC	D29187	ST. FRANCOIS, MO	1	0010206629	WSBH463	N
T-Mobile License LLC	D29187	ST. FRANCOIS, MO	2	0010206629	WSBH464	N
T-Mobile License LLC	D29187	ST. FRANCOIS, MO	3	0010206629	WSBH465	N
T-Mobile License LLC	D29195	SALINE, MO	1	0010206629	WSBH466	N
T-Mobile License LLC	D29195	SALINE, MO	2	0010206629	WSBH467	N
T-Mobile License LLC	D29195	SALINE, MO	3	0010206629	WSBH468	N
T-Mobile License LLC	D29197	SCHUYLER, MO	2	0010206629	WSBH469	N
T-Mobile License LLC	D29197	SCHUYLER, MO	3	0010206629	WSBH470	N
T-Mobile License LLC	D29203	SHANNON, MO	1	0010206629	WSBH471	N
T-Mobile License LLC	D29203	SHANNON, MO	2	0010206629	WSBH472	N
T-Mobile License LLC	D29203	SHANNON, MO	3	0010206629	WSBH473	N
T-Mobile License LLC	D29205	SHELBY, MO	2	0010206629	WSBH474	N
T-Mobile License LLC	D29207	STODDARD, MO	1	0010206629	WSBH475	N
T-Mobile License LLC	D29207	STODDARD, MO	2	0010206629	WSBH476	N
T-Mobile License LLC	D29207	STODDARD, MO	3	0010206629	WSBH477	N
T-Mobile License LLC	D29209	STONE, MO	1	0010206629	WSBH478	N
T-Mobile License LLC	D29209	STONE, MO	2	0010206629	WSBH479	N
T-Mobile License LLC	D29209	STONE, MO	3	0010206629	WSBH480	N
T-Mobile License LLC	D29211	SULLIVAN, MO	2	0010206629	WSBH481	N
T-Mobile License LLC	D29213	TANEY, MO	1	0010206629	WSBH482	N
T-Mobile License LLC	D29213	TANEY, MO	2	0010206629	WSBH483	N
T-Mobile License LLC	D29213	TANEY, MO	3	0010206629	WSBH484	N
T-Mobile License LLC	D29215	TEXAS, MO	1	0010206629	WSBH485	N
T-Mobile License LLC	D29215	TEXAS, MO	2	0010206629	WSBH486	N
T-Mobile License LLC	D29215	TEXAS, MO	3	0010206629	WSBH487	N
T-Mobile License LLC	D29217	VERNON, MO	1	0010206629	WSBH488	N
T-Mobile License LLC	D29217	VERNON, MO	2	0010206629	WSBH489	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D29221	WASHINGTON, MO	1	0010206629	WSBH490	N
T-Mobile License LLC	D29221	WASHINGTON, MO	2	0010206629	WSBH491	N
T-Mobile License LLC	D29221	WASHINGTON, MO	3	0010206629	WSBH492	N
T-Mobile License LLC	D29223	WAYNE, MO	1	0010206629	WSBH493	N
T-Mobile License LLC	D29223	WAYNE, MO	2	0010206629	WSBH494	N
T-Mobile License LLC	D29223	WAYNE, MO	3	0010206629	WSBH495	N
T-Mobile License LLC	D29225	WEBSTER, MO	1	0010206629	WSBH496	N
T-Mobile License LLC	D29225	WEBSTER, MO	2	0010206629	WSBH497	N
T-Mobile License LLC	D29227	WORTH, MO	2	0010206629	WSBH498	N
T-Mobile License LLC	D29227	WORTH, MO	3	0010206629	WSBH499	N
T-Mobile License LLC	D29229	WRIGHT, MO	1	0010206629	WSBH500	N
T-Mobile License LLC	D29229	WRIGHT, MO	2	0010206629	WSBH501	N
T-Mobile License LLC	D29229	WRIGHT, MO	3	0010206629	WSBH502	N
T-Mobile License LLC	D30001	BEAVERHEAD, MT	1	0010206629	WSBH503	N
T-Mobile License LLC	D30001	BEAVERHEAD, MT	2	0010206629	WSBH504	N
T-Mobile License LLC	D30001	BEAVERHEAD, MT	3	0010206629	WSBH505	N
T-Mobile License LLC	D30003	BIG HORN, MT	1	0010206629	WSBH506	N
T-Mobile License LLC	D30003	BIG HORN, MT	2	0010206629	WSBH507	N
T-Mobile License LLC	D30003	BIG HORN, MT	3	0010206629	WSBH508	N
T-Mobile License LLC	D30005	BLAINE, MT	1	0010206629	WSBH509	N
T-Mobile License LLC	D30005	BLAINE, MT	2	0010206629	WSBH510	N
T-Mobile License LLC	D30005	BLAINE, MT	3	0010206629	WSBH511	N
T-Mobile License LLC	D30007	BROADWATER, MT	1	0010206629	WSBH512	N
T-Mobile License LLC	D30007	BROADWATER, MT	2	0010206629	WSBH513	N
T-Mobile License LLC	D30007	BROADWATER, MT	3	0010206629	WSBH514	N
T-Mobile License LLC	D30009	CARBON, MT	1	0010206629	WSBH515	N
T-Mobile License LLC	D30009	CARBON, MT	2	0010206629	WSBH516	N
T-Mobile License LLC	D30009	CARBON, MT	3	0010206629	WSBH517	N
T-Mobile License LLC	D30011	CARTER, MT	1	0010206629	WSBH518	N
T-Mobile License LLC	D30011	CARTER, MT	2	0010206629	WSBH519	N
T-Mobile License LLC	D30011	CARTER, MT	3	0010206629	WSBH520	N
T-Mobile License LLC	D30013	CASCADE, MT	1	0010206629	WSBH521	N
T-Mobile License LLC	D30013	CASCADE, MT	2	0010206629	WSBH522	N
T-Mobile License LLC	D30013	CASCADE, MT	3	0010206629	WSBH523	N
T-Mobile License LLC	D30015	CHOUTEAU, MT	1	0010206629	WSBH524	N
T-Mobile License LLC	D30015	CHOUTEAU, MT	2	0010206629	WSBH525	N
T-Mobile License LLC	D30015	CHOUTEAU, MT	3	0010206629	WSBH526	N
T-Mobile License LLC	D30017	CUSTER, MT	1	0010206629	WSBH527	N
T-Mobile License LLC	D30017	CUSTER, MT	2	0010206629	WSBH528	N
T-Mobile License LLC	D30017	CUSTER, MT	3	0010206629	WSBH529	N
T-Mobile License LLC	D30019	DANIELS, MT	2	0010206629	WSBH530	N
T-Mobile License LLC	D30019	DANIELS, MT	3	0010206629	WSBH531	N
T-Mobile License LLC	D30021	DAWSON, MT	1	0010206629	WSBH532	N
T-Mobile License LLC	D30021	DAWSON, MT	2	0010206629	WSBH533	N
T-Mobile License LLC	D30021	DAWSON, MT	3	0010206629	WSBH534	N
T-Mobile License LLC	D30023	DEER LODGE, MT	1	0010206629	WSBH535	N
T-Mobile License LLC	D30023	DEER LODGE, MT	2	0010206629	WSBH536	N
T-Mobile License LLC	D30023	DEER LODGE, MT	3	0010206629	WSBH537	N
T-Mobile License LLC	D30025	FALLON, MT	1	0010206629	WSBH538	N
T-Mobile License LLC	D30025	FALLON, MT	2	0010206629	WSBH539	N
T-Mobile License LLC	D30025	FALLON, MT	3	0010206629	WSBH540	N
T-Mobile License LLC	D30027	FERGUS, MT	2	0010206629	WSBH541	N
T-Mobile License LLC	D30027	FERGUS, MT	3	0010206629	WSBH542	N
T-Mobile License LLC	D30029	FLATHEAD, MT	2	0010206629	WSBH543	N
T-Mobile License LLC	D30029	FLATHEAD, MT	3	0010206629	WSBH544	N
T-Mobile License LLC	D30031	GALLATIN, MT	1	0010206629	WSBH545	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D30031	GALLATIN, MT	2	0010206629	WSBH546	N
T-Mobile License LLC	D30031	GALLATIN, MT	3	0010206629	WSBH547	N
T-Mobile License LLC	D30033	GARFIELD, MT	1	0010206629	WSBH548	N
T-Mobile License LLC	D30033	GARFIELD, MT	2	0010206629	WSBH549	N
T-Mobile License LLC	D30033	GARFIELD, MT	3	0010206629	WSBH550	N
T-Mobile License LLC	D30035	GLACIER, MT	2	0010206629	WSBH551	N
T-Mobile License LLC	D30035	GLACIER, MT	3	0010206629	WSBH552	N
T-Mobile License LLC	D30037	GOLDEN VALLEY, MT	1	0010206629	WSBH553	N
T-Mobile License LLC	D30037	GOLDEN VALLEY, MT	2	0010206629	WSBH554	N
T-Mobile License LLC	D30037	GOLDEN VALLEY, MT	3	0010206629	WSBH555	N
T-Mobile License LLC	D30039	GRANITE, MT	1	0010206629	WSBH556	N
T-Mobile License LLC	D30039	GRANITE, MT	2	0010206629	WSBH557	N
T-Mobile License LLC	D30039	GRANITE, MT	3	0010206629	WSBH558	N
T-Mobile License LLC	D30041	HILL, MT	1	0010206629	WSBH559	N
T-Mobile License LLC	D30041	HILL, MT	2	0010206629	WSBH560	N
T-Mobile License LLC	D30041	HILL, MT	3	0010206629	WSBH561	N
T-Mobile License LLC	D30043	JEFFERSON, MT	1	0010206629	WSBH562	N
T-Mobile License LLC	D30043	JEFFERSON, MT	2	0010206629	WSBH563	N
T-Mobile License LLC	D30043	JEFFERSON, MT	3	0010206629	WSBH564	N
T-Mobile License LLC	D30045	JUDITH BASIN, MT	1	0010206629	WSBH565	N
T-Mobile License LLC	D30045	JUDITH BASIN, MT	2	0010206629	WSBH566	N
T-Mobile License LLC	D30045	JUDITH BASIN, MT	3	0010206629	WSBH567	N
T-Mobile License LLC	D30047	LAKE, MT	3	0010206629	WSBH568	N
T-Mobile License LLC	D30049	LEWIS AND CLARK, MT	1	0010206629	WSBH569	N
T-Mobile License LLC	D30049	LEWIS AND CLARK, MT	2	0010206629	WSBH570	N
T-Mobile License LLC	D30049	LEWIS AND CLARK, MT	3	0010206629	WSBH571	N
T-Mobile License LLC	D30051	LIBERTY, MT	1	0010206629	WSBH572	N
T-Mobile License LLC	D30051	LIBERTY, MT	2	0010206629	WSBH573	N
T-Mobile License LLC	D30051	LIBERTY, MT	3	0010206629	WSBH574	N
T-Mobile License LLC	D30053	LINCOLN, MT	1	0010206629	WSBH575	N
T-Mobile License LLC	D30053	LINCOLN, MT	2	0010206629	WSBH576	N
T-Mobile License LLC	D30053	LINCOLN, MT	3	0010206629	WSBH577	N
T-Mobile License LLC	D30055	MCCONE, MT	1	0010206629	WSBH578	N
T-Mobile License LLC	D30055	MCCONE, MT	2	0010206629	WSBH579	N
T-Mobile License LLC	D30055	MCCONE, MT	3	0010206629	WSBH580	N
T-Mobile License LLC	D30057	MADISON, MT	1	0010206629	WSBH581	N
T-Mobile License LLC	D30057	MADISON, MT	2	0010206629	WSBH582	N
T-Mobile License LLC	D30057	MADISON, MT	3	0010206629	WSBH583	N
T-Mobile License LLC	D30059	MEAGHER, MT	1	0010206629	WSBH584	N
T-Mobile License LLC	D30059	MEAGHER, MT	2	0010206629	WSBH585	N
T-Mobile License LLC	D30059	MEAGHER, MT	3	0010206629	WSBH586	N
T-Mobile License LLC	D30061	MINERAL, MT	2	0010206629	WSBH587	N
T-Mobile License LLC	D30061	MINERAL, MT	3	0010206629	WSBH588	N
T-Mobile License LLC	D30063	MISSOULA, MT	1	0010206629	WSBH589	N
T-Mobile License LLC	D30063	MISSOULA, MT	3	0010206629	WSBH590	N
T-Mobile License LLC	D30065	MUSSELSHELL, MT	1	0010206629	WSBH591	N
T-Mobile License LLC	D30065	MUSSELSHELL, MT	2	0010206629	WSBH592	N
T-Mobile License LLC	D30065	MUSSELSHELL, MT	3	0010206629	WSBH593	N
T-Mobile License LLC	D30067	PARK, MT	2	0010206629	WSBH594	N
T-Mobile License LLC	D30067	PARK, MT	3	0010206629	WSBH595	N
T-Mobile License LLC	D30069	PETROLEUM, MT	1	0010206629	WSBH596	N
T-Mobile License LLC	D30069	PETROLEUM, MT	2	0010206629	WSBH597	N
T-Mobile License LLC	D30069	PETROLEUM, MT	3	0010206629	WSBH598	N
T-Mobile License LLC	D30071	PHILLIPS, MT	1	0010206629	WSBH599	N
T-Mobile License LLC	D30071	PHILLIPS, MT	2	0010206629	WSBH600	N
T-Mobile License LLC	D30071	PHILLIPS, MT	3	0010206629	WSBH601	N

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T-Mobile License LLC	D30073	PONDERA, MT	2	0010206629	WSBH602	N
T-Mobile License LLC	D30073	PONDERA, MT	3	0010206629	WSBH603	N
T-Mobile License LLC	D30075	POWDER RIVER, MT	1	0010206629	WSBH604	N
T-Mobile License LLC	D30075	POWDER RIVER, MT	2	0010206629	WSBH605	N
T-Mobile License LLC	D30075	POWDER RIVER, MT	3	0010206629	WSBH606	N
T-Mobile License LLC	D30077	POWELL, MT	2	0010206629	WSBH607	N
T-Mobile License LLC	D30077	POWELL, MT	3	0010206629	WSBH608	N
T-Mobile License LLC	D30079	PRAIRIE, MT	1	0010206629	WSBH609	N
T-Mobile License LLC	D30079	PRAIRIE, MT	2	0010206629	WSBH610	N
T-Mobile License LLC	D30079	PRAIRIE, MT	3	0010206629	WSBH611	N
T-Mobile License LLC	D30081	RAVALLI, MT	1	0010206629	WSBH612	N
T-Mobile License LLC	D30081	RAVALLI, MT	2	0010206629	WSBH613	N
T-Mobile License LLC	D30081	RAVALLI, MT	3	0010206629	WSBH614	N
T-Mobile License LLC	D30083	RICHLAND, MT	1	0010206629	WSBH615	N
T-Mobile License LLC	D30083	RICHLAND, MT	2	0010206629	WSBH616	N
T-Mobile License LLC	D30083	RICHLAND, MT	3	0010206629	WSBH617	N
T-Mobile License LLC	D30085	ROOSEVELT, MT	2	0010206629	WSBH618	N
T-Mobile License LLC	D30085	ROOSEVELT, MT	3	0010206629	WSBH619	N
T-Mobile License LLC	D30087	ROSEBUD, MT	1	0010206629	WSBH620	N
T-Mobile License LLC	D30087	ROSEBUD, MT	2	0010206629	WSBH621	N
T-Mobile License LLC	D30087	ROSEBUD, MT	3	0010206629	WSBH622	N
T-Mobile License LLC	D30089	SANDERS, MT	1	0010206629	WSBH623	N
T-Mobile License LLC	D30089	SANDERS, MT	2	0010206629	WSBH624	N
T-Mobile License LLC	D30089	SANDERS, MT	3	0010206629	WSBH625	N
T-Mobile License LLC	D30091	SHERIDAN, MT	2	0010206629	WSBH626	N
T-Mobile License LLC	D30091	SHERIDAN, MT	3	0010206629	WSBH627	N
T-Mobile License LLC	D30093	SILVER BOW, MT	1	0010206629	WSBH628	N
T-Mobile License LLC	D30093	SILVER BOW, MT	2	0010206629	WSBH629	N
T-Mobile License LLC	D30093	SILVER BOW, MT	3	0010206629	WSBH630	N
T-Mobile License LLC	D30095	STILLWATER, MT	1	0010206629	WSBH631	N
T-Mobile License LLC	D30095	STILLWATER, MT	2	0010206629	WSBH632	N
T-Mobile License LLC	D30095	STILLWATER, MT	3	0010206629	WSBH633	N
T-Mobile License LLC	D30097	SWEET GRASS, MT	1	0010206629	WSBH634	N
T-Mobile License LLC	D30097	SWEET GRASS, MT	2	0010206629	WSBH635	N
T-Mobile License LLC	D30097	SWEET GRASS, MT	3	0010206629	WSBH636	N
T-Mobile License LLC	D30099	TETON, MT	1	0010206629	WSBH637	N
T-Mobile License LLC	D30099	TETON, MT	2	0010206629	WSBH638	N
T-Mobile License LLC	D30099	TETON, MT	3	0010206629	WSBH639	N
T-Mobile License LLC	D30101	TOOLE, MT	1	0010206629	WSBH640	N
T-Mobile License LLC	D30101	TOOLE, MT	2	0010206629	WSBH641	N
T-Mobile License LLC	D30101	TOOLE, MT	3	0010206629	WSBH642	N
T-Mobile License LLC	D30103	TREASURE, MT	1	0010206629	WSBH643	N
T-Mobile License LLC	D30103	TREASURE, MT	2	0010206629	WSBH644	N
T-Mobile License LLC	D30103	TREASURE, MT	3	0010206629	WSBH645	N
T-Mobile License LLC	D30105	VALLEY, MT	2	0010206629	WSBH646	N
T-Mobile License LLC	D30105	VALLEY, MT	3	0010206629	WSBH647	N
T-Mobile License LLC	D30107	WHEATLAND, MT	1	0010206629	WSBH648	N
T-Mobile License LLC	D30107	WHEATLAND, MT	2	0010206629	WSBH649	N
T-Mobile License LLC	D30107	WHEATLAND, MT	3	0010206629	WSBH650	N
T-Mobile License LLC	D30109	WIBAUX, MT	1	0010206629	WSBH651	N
T-Mobile License LLC	D30109	WIBAUX, MT	2	0010206629	WSBH652	N
T-Mobile License LLC	D30109	WIBAUX, MT	3	0010206629	WSBH653	N
T-Mobile License LLC	D30111	YELLOWSTONE, MT	1	0010206629	WSBH654	N
T-Mobile License LLC	D30111	YELLOWSTONE, MT	2	0010206629	WSBH655	N
T-Mobile License LLC	D30111	YELLOWSTONE, MT	3	0010206629	WSBH656	N
T-Mobile License LLC	D31003	ANTELOPE, NE	1	0010206629	WSBH657	N

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T-Mobile License LLC	D31003	ANTELOPE, NE	2	0010206629	WSBH658	N
T-Mobile License LLC	D31003	ANTELOPE, NE	3	0010206629	WSBH659	N
T-Mobile License LLC	D31005	ARTHUR, NE	1	0010206629	WSBH660	N
T-Mobile License LLC	D31005	ARTHUR, NE	2	0010206629	WSBH661	N
T-Mobile License LLC	D31005	ARTHUR, NE	3	0010206629	WSBH662	N
T-Mobile License LLC	D31007	BANNER, NE	1	0010206629	WSBH663	N
T-Mobile License LLC	D31007	BANNER, NE	2	0010206629	WSBH664	N
T-Mobile License LLC	D31007	BANNER, NE	3	0010206629	WSBH665	N
T-Mobile License LLC	D31009	BLAINE, NE	1	0010206629	WSBH666	N
T-Mobile License LLC	D31009	BLAINE, NE	2	0010206629	WSBH667	N
T-Mobile License LLC	D31009	BLAINE, NE	3	0010206629	WSBH668	N
T-Mobile License LLC	D31011	BOONE, NE	1	0010206629	WSBH669	N
T-Mobile License LLC	D31011	BOONE, NE	2	0010206629	WSBH670	N
T-Mobile License LLC	D31011	BOONE, NE	3	0010206629	WSBH671	N
T-Mobile License LLC	D31013	BOX BUTTE, NE	1	0010206629	WSBH672	N
T-Mobile License LLC	D31013	BOX BUTTE, NE	2	0010206629	WSBH673	N
T-Mobile License LLC	D31013	BOX BUTTE, NE	3	0010206629	WSBH674	N
T-Mobile License LLC	D31015	BOYD, NE	1	0010206629	WSBH675	N
T-Mobile License LLC	D31015	BOYD, NE	2	0010206629	WSBH676	N
T-Mobile License LLC	D31015	BOYD, NE	3	0010206629	WSBH677	N
T-Mobile License LLC	D31017	BROWN, NE	1	0010206629	WSBH678	N
T-Mobile License LLC	D31017	BROWN, NE	2	0010206629	WSBH679	N
T-Mobile License LLC	D31017	BROWN, NE	3	0010206629	WSBH680	N
T-Mobile License LLC	D31021	BURT, NE	2	0010206629	WSBH681	N
T-Mobile License LLC	D31021	BURT, NE	3	0010206629	WSBH682	N
T-Mobile License LLC	D31023	BUTLER, NE	1	0010206629	WSBH683	N
T-Mobile License LLC	D31023	BUTLER, NE	2	0010206629	WSBH684	N
T-Mobile License LLC	D31023	BUTLER, NE	3	0010206629	WSBH685	N
T-Mobile License LLC	D31025	CASS, NE	2	0010206629	WSBH686	N
T-Mobile License LLC	D31025	CASS, NE	3	0010206629	WSBH687	N
T-Mobile License LLC	D31027	CEDAR, NE	2	0010206629	WSBH688	N
T-Mobile License LLC	D31027	CEDAR, NE	3	0010206629	WSBH689	N
T-Mobile License LLC	D31029	CHASE, NE	1	0010206629	WSBH690	N
T-Mobile License LLC	D31029	CHASE, NE	2	0010206629	WSBH691	N
T-Mobile License LLC	D31029	CHASE, NE	3	0010206629	WSBH692	N
T-Mobile License LLC	D31031	CHERRY, NE	2	0010206629	WSBH693	N
T-Mobile License LLC	D31031	CHERRY, NE	3	0010206629	WSBH694	N
T-Mobile License LLC	D31033	CHEYENNE, NE	1	0010206629	WSBH695	N
T-Mobile License LLC	D31033	CHEYENNE, NE	2	0010206629	WSBH696	N
T-Mobile License LLC	D31033	CHEYENNE, NE	3	0010206629	WSBH697	N
T-Mobile License LLC	D31035	CLAY, NE	1	0010206629	WSBH698	N
T-Mobile License LLC	D31035	CLAY, NE	2	0010206629	WSBH699	N
T-Mobile License LLC	D31035	CLAY, NE	3	0010206629	WSBH700	N
T-Mobile License LLC	D31037	COLFAX, NE	1	0010206629	WSBH701	N
T-Mobile License LLC	D31037	COLFAX, NE	2	0010206629	WSBH702	N
T-Mobile License LLC	D31037	COLFAX, NE	3	0010206629	WSBH703	N
T-Mobile License LLC	D31039	CUMING, NE	2	0010206629	WSBH704	N
T-Mobile License LLC	D31039	CUMING, NE	3	0010206629	WSBH705	N
T-Mobile License LLC	D31041	CUSTER, NE	1	0010206629	WSBH706	N
T-Mobile License LLC	D31041	CUSTER, NE	2	0010206629	WSBH707	N
T-Mobile License LLC	D31041	CUSTER, NE	3	0010206629	WSBH708	N
T-Mobile License LLC	D31043	DAKOTA, NE	2	0010206629	WSBH709	N
T-Mobile License LLC	D31045	DAWES, NE	1	0010206629	WSBH710	N
T-Mobile License LLC	D31045	DAWES, NE	2	0010206629	WSBH711	N
T-Mobile License LLC	D31045	DAWES, NE	3	0010206629	WSBH712	N
T-Mobile License LLC	D31047	DAWSON, NE	1	0010206629	WSBH713	N

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T-Mobile License LLC	D31047	DAWSON, NE	2	0010206629	WSBH714	N
T-Mobile License LLC	D31047	DAWSON, NE	3	0010206629	WSBH715	N
T-Mobile License LLC	D31049	DEUEL, NE	1	0010206629	WSBH716	N
T-Mobile License LLC	D31049	DEUEL, NE	2	0010206629	WSBH717	N
T-Mobile License LLC	D31049	DEUEL, NE	3	0010206629	WSBH718	N
T-Mobile License LLC	D31051	DIXON, NE	1	0010206629	WSBH719	N
T-Mobile License LLC	D31051	DIXON, NE	2	0010206629	WSBH720	N
T-Mobile License LLC	D31053	DODGE, NE	1	0010206629	WSBH721	N
T-Mobile License LLC	D31053	DODGE, NE	2	0010206629	WSBH722	N
T-Mobile License LLC	D31053	DODGE, NE	3	0010206629	WSBH723	N
T-Mobile License LLC	D31055	DOUGLAS, NE	2	0010206629	WSBH724	N
T-Mobile License LLC	D31057	DUNDY, NE	1	0010206629	WSBH725	N
T-Mobile License LLC	D31057	DUNDY, NE	2	0010206629	WSBH726	N
T-Mobile License LLC	D31057	DUNDY, NE	3	0010206629	WSBH727	N
T-Mobile License LLC	D31059	FILLMORE, NE	1	0010206629	WSBH728	N
T-Mobile License LLC	D31059	FILLMORE, NE	2	0010206629	WSBH729	N
T-Mobile License LLC	D31059	FILLMORE, NE	3	0010206629	WSBH730	N
T-Mobile License LLC	D31061	FRANKLIN, NE	2	0010206629	WSBH731	N
T-Mobile License LLC	D31061	FRANKLIN, NE	3	0010206629	WSBH732	N
T-Mobile License LLC	D31063	FRONTIER, NE	1	0010206629	WSBH733	N
T-Mobile License LLC	D31063	FRONTIER, NE	2	0010206629	WSBH734	N
T-Mobile License LLC	D31063	FRONTIER, NE	3	0010206629	WSBH735	N
T-Mobile License LLC	D31065	FURNAS, NE	1	0010206629	WSBH736	N
T-Mobile License LLC	D31065	FURNAS, NE	2	0010206629	WSBH737	N
T-Mobile License LLC	D31065	FURNAS, NE	3	0010206629	WSBH738	N
T-Mobile License LLC	D31067	GAGE, NE	1	0010206629	WSBH739	N
T-Mobile License LLC	D31067	GAGE, NE	2	0010206629	WSBH740	N
T-Mobile License LLC	D31067	GAGE, NE	3	0010206629	WSBH741	N
T-Mobile License LLC	D31069	GARDEN, NE	1	0010206629	WSBH742	N
T-Mobile License LLC	D31069	GARDEN, NE	2	0010206629	WSBH743	N
T-Mobile License LLC	D31069	GARDEN, NE	3	0010206629	WSBH744	N
T-Mobile License LLC	D31071	GARFIELD, NE	1	0010206629	WSBH745	N
T-Mobile License LLC	D31071	GARFIELD, NE	2	0010206629	WSBH746	N
T-Mobile License LLC	D31071	GARFIELD, NE	3	0010206629	WSBH747	N
T-Mobile License LLC	D31073	GOSPER, NE	1	0010206629	WSBH748	N
T-Mobile License LLC	D31073	GOSPER, NE	2	0010206629	WSBH749	N
T-Mobile License LLC	D31073	GOSPER, NE	3	0010206629	WSBH750	N
T-Mobile License LLC	D31075	GRANT, NE	1	0010206629	WSBH751	N
T-Mobile License LLC	D31075	GRANT, NE	2	0010206629	WSBH752	N
T-Mobile License LLC	D31075	GRANT, NE	3	0010206629	WSBH753	N
T-Mobile License LLC	D31077	GREELEY, NE	1	0010206629	WSBH754	N
T-Mobile License LLC	D31077	GREELEY, NE	2	0010206629	WSBH755	N
T-Mobile License LLC	D31077	GREELEY, NE	3	0010206629	WSBH756	N
T-Mobile License LLC	D31081	HAMILTON, NE	1	0010206629	WSBH757	N
T-Mobile License LLC	D31081	HAMILTON, NE	2	0010206629	WSBH758	N
T-Mobile License LLC	D31083	HARLAN, NE	2	0010206629	WSBH759	N
T-Mobile License LLC	D31083	HARLAN, NE	3	0010206629	WSBH760	N
T-Mobile License LLC	D31085	HAYES, NE	1	0010206629	WSBH761	N
T-Mobile License LLC	D31085	HAYES, NE	2	0010206629	WSBH762	N
T-Mobile License LLC	D31085	HAYES, NE	3	0010206629	WSBH763	N
T-Mobile License LLC	D31087	HITCHCOCK, NE	1	0010206629	WSBH764	N
T-Mobile License LLC	D31087	HITCHCOCK, NE	2	0010206629	WSBH765	N
T-Mobile License LLC	D31087	HITCHCOCK, NE	3	0010206629	WSBH766	N
T-Mobile License LLC	D31089	HOLT, NE	1	0010206629	WSBH767	N
T-Mobile License LLC	D31089	HOLT, NE	2	0010206629	WSBH768	N
T-Mobile License LLC	D31089	HOLT, NE	3	0010206629	WSBH769	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D31091	HOOKER, NE	1	0010206629	WSBH770	N
T-Mobile License LLC	D31091	HOOKER, NE	2	0010206629	WSBH771	N
T-Mobile License LLC	D31091	HOOKER, NE	3	0010206629	WSBH772	N
T-Mobile License LLC	D31093	HOWARD, NE	1	0010206629	WSBH773	N
T-Mobile License LLC	D31093	HOWARD, NE	2	0010206629	WSBH774	N
T-Mobile License LLC	D31093	HOWARD, NE	3	0010206629	WSBH775	N
T-Mobile License LLC	D31095	JEFFERSON, NE	1	0010206629	WSBH776	N
T-Mobile License LLC	D31095	JEFFERSON, NE	2	0010206629	WSBH777	N
T-Mobile License LLC	D31095	JEFFERSON, NE	3	0010206629	WSBH778	N
T-Mobile License LLC	D31097	JOHNSON, NE	1	0010206629	WSBH779	N
T-Mobile License LLC	D31097	JOHNSON, NE	2	0010206629	WSBH780	N
T-Mobile License LLC	D31097	JOHNSON, NE	3	0010206629	WSBH781	N
T-Mobile License LLC	D31099	KEARNEY, NE	1	0010206629	WSBH782	N
T-Mobile License LLC	D31099	KEARNEY, NE	2	0010206629	WSBH783	N
T-Mobile License LLC	D31099	KEARNEY, NE	3	0010206629	WSBH784	N
T-Mobile License LLC	D31101	KEITH, NE	1	0010206629	WSBH785	N
T-Mobile License LLC	D31101	KEITH, NE	2	0010206629	WSBH786	N
T-Mobile License LLC	D31101	KEITH, NE	3	0010206629	WSBH787	N
T-Mobile License LLC	D31103	KEYA PAHA, NE	1	0010206629	WSBH788	N
T-Mobile License LLC	D31103	KEYA PAHA, NE	2	0010206629	WSBH789	N
T-Mobile License LLC	D31103	KEYA PAHA, NE	3	0010206629	WSBH790	N
T-Mobile License LLC	D31105	KIMBALL, NE	1	0010206629	WSBH791	N
T-Mobile License LLC	D31105	KIMBALL, NE	2	0010206629	WSBH792	N
T-Mobile License LLC	D31105	KIMBALL, NE	3	0010206629	WSBH793	N
T-Mobile License LLC	D31107	KNOX, NE	2	0010206629	WSBH794	N
T-Mobile License LLC	D31107	KNOX, NE	3	0010206629	WSBH795	N
T-Mobile License LLC	D31109	LANCASTER, NE	1	0010206629	WSBH796	N
T-Mobile License LLC	D31109	LANCASTER, NE	2	0010206629	WSBH797	N
T-Mobile License LLC	D31111	LINCOLN, NE	1	0010206629	WSBH798	N
T-Mobile License LLC	D31111	LINCOLN, NE	2	0010206629	WSBH799	N
T-Mobile License LLC	D31111	LINCOLN, NE	3	0010206629	WSBH800	N
T-Mobile License LLC	D31113	LOGAN, NE	1	0010206629	WSBH801	N
T-Mobile License LLC	D31113	LOGAN, NE	2	0010206629	WSBH802	N
T-Mobile License LLC	D31113	LOGAN, NE	3	0010206629	WSBH803	N
T-Mobile License LLC	D31115	LOUP, NE	1	0010206629	WSBH804	N
T-Mobile License LLC	D31115	LOUP, NE	2	0010206629	WSBH805	N
T-Mobile License LLC	D31115	LOUP, NE	3	0010206629	WSBH806	N
T-Mobile License LLC	D31117	MCPHERSON, NE	1	0010206629	WSBH807	N
T-Mobile License LLC	D31117	MCPHERSON, NE	2	0010206629	WSBH808	N
T-Mobile License LLC	D31117	MCPHERSON, NE	3	0010206629	WSBH809	N
T-Mobile License LLC	D31119	MADISON, NE	1	0010206629	WSBH810	N
T-Mobile License LLC	D31119	MADISON, NE	2	0010206629	WSBH811	N
T-Mobile License LLC	D31119	MADISON, NE	3	0010206629	WSBH812	N
T-Mobile License LLC	D31121	MERRICK, NE	1	0010206629	WSBH813	N
T-Mobile License LLC	D31121	MERRICK, NE	2	0010206629	WSBH814	N
T-Mobile License LLC	D31121	MERRICK, NE	3	0010206629	WSBH815	N
T-Mobile License LLC	D31123	MORRILL, NE	1	0010206629	WSBH816	N
T-Mobile License LLC	D31123	MORRILL, NE	2	0010206629	WSBH817	N
T-Mobile License LLC	D31123	MORRILL, NE	3	0010206629	WSBH818	N
T-Mobile License LLC	D31125	NANCE, NE	1	0010206629	WSBH819	N
T-Mobile License LLC	D31125	NANCE, NE	2	0010206629	WSBH820	N
T-Mobile License LLC	D31125	NANCE, NE	3	0010206629	WSBH821	N
T-Mobile License LLC	D31127	NEMAHA, NE	1	0010206629	WSBH822	N
T-Mobile License LLC	D31127	NEMAHA, NE	2	0010206629	WSBH823	N
T-Mobile License LLC	D31127	NEMAHA, NE	3	0010206629	WSBH824	N
T-Mobile License LLC	D31129	NUCKOLLS, NE	1	0010206629	WSBH825	N

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T-Mobile License LLC	D31129	NUCKOLLS, NE	2	0010206629	WSBH826	N
T-Mobile License LLC	D31129	NUCKOLLS, NE	3	0010206629	WSBH827	N
T-Mobile License LLC	D31131	OTOE, NE	1	0010206629	WSBH828	N
T-Mobile License LLC	D31131	OTOE, NE	2	0010206629	WSBH829	N
T-Mobile License LLC	D31131	OTOE, NE	3	0010206629	WSBH830	N
T-Mobile License LLC	D31133	PAWNEE, NE	1	0010206629	WSBH831	N
T-Mobile License LLC	D31133	PAWNEE, NE	2	0010206629	WSBH832	N
T-Mobile License LLC	D31133	PAWNEE, NE	3	0010206629	WSBH833	N
T-Mobile License LLC	D31135	PERKINS, NE	1	0010206629	WSBH834	N
T-Mobile License LLC	D31135	PERKINS, NE	2	0010206629	WSBH835	N
T-Mobile License LLC	D31135	PERKINS, NE	3	0010206629	WSBH836	N
T-Mobile License LLC	D31139	PIERCE, NE	1	0010206629	WSBH837	N
T-Mobile License LLC	D31139	PIERCE, NE	2	0010206629	WSBH838	N
T-Mobile License LLC	D31139	PIERCE, NE	3	0010206629	WSBH839	N
T-Mobile License LLC	D31141	PLATTE, NE	1	0010206629	WSBH840	N
T-Mobile License LLC	D31141	PLATTE, NE	2	0010206629	WSBH841	N
T-Mobile License LLC	D31141	PLATTE, NE	3	0010206629	WSBH842	N
T-Mobile License LLC	D31143	POLK, NE	1	0010206629	WSBH843	N
T-Mobile License LLC	D31143	POLK, NE	2	0010206629	WSBH844	N
T-Mobile License LLC	D31145	RED WILLOW, NE	1	0010206629	WSBH845	N
T-Mobile License LLC	D31145	RED WILLOW, NE	2	0010206629	WSBH846	N
T-Mobile License LLC	D31145	RED WILLOW, NE	3	0010206629	WSBH847	N
T-Mobile License LLC	D31147	RICHARDSON, NE	2	0010206629	WSBH848	N
T-Mobile License LLC	D31147	RICHARDSON, NE	3	0010206629	WSBH849	N
T-Mobile License LLC	D31149	ROCK, NE	1	0010206629	WSBH850	N
T-Mobile License LLC	D31149	ROCK, NE	2	0010206629	WSBH851	N
T-Mobile License LLC	D31149	ROCK, NE	3	0010206629	WSBH852	N
T-Mobile License LLC	D31151	SALINE, NE	1	0010206629	WSBH853	N
T-Mobile License LLC	D31151	SALINE, NE	2	0010206629	WSBH854	N
T-Mobile License LLC	D31151	SALINE, NE	3	0010206629	WSBH855	N
T-Mobile License LLC	D31153	SARPY, NE	2	0010206629	WSBH856	N
T-Mobile License LLC	D31155	SAUNDERS, NE	1	0010206629	WSBH857	N
T-Mobile License LLC	D31155	SAUNDERS, NE	2	0010206629	WSBH858	N
T-Mobile License LLC	D31155	SAUNDERS, NE	3	0010206629	WSBH859	N
T-Mobile License LLC	D31157	SCOTTS BLUFF, NE	1	0010206629	WSBH860	N
T-Mobile License LLC	D31157	SCOTTS BLUFF, NE	2	0010206629	WSBH861	N
T-Mobile License LLC	D31157	SCOTTS BLUFF, NE	3	0010206629	WSBH862	N
T-Mobile License LLC	D31159	SEWARD, NE	1	0010206629	WSBH863	N
T-Mobile License LLC	D31159	SEWARD, NE	2	0010206629	WSBH864	N
T-Mobile License LLC	D31159	SEWARD, NE	3	0010206629	WSBH865	N
T-Mobile License LLC	D31161	SHERIDAN, NE	1	0010206629	WSBH866	N
T-Mobile License LLC	D31161	SHERIDAN, NE	2	0010206629	WSBH867	N
T-Mobile License LLC	D31161	SHERIDAN, NE	3	0010206629	WSBH868	N
T-Mobile License LLC	D31163	SHERMAN, NE	1	0010206629	WSBH869	N
T-Mobile License LLC	D31163	SHERMAN, NE	2	0010206629	WSBH870	N
T-Mobile License LLC	D31163	SHERMAN, NE	3	0010206629	WSBH871	N
T-Mobile License LLC	D31165	SIOUX, NE	1	0010206629	WSBH872	N
T-Mobile License LLC	D31165	SIOUX, NE	2	0010206629	WSBH873	N
T-Mobile License LLC	D31165	SIOUX, NE	3	0010206629	WSBH874	N
T-Mobile License LLC	D31167	STANTON, NE	1	0010206629	WSBH875	N
T-Mobile License LLC	D31167	STANTON, NE	2	0010206629	WSBH876	N
T-Mobile License LLC	D31167	STANTON, NE	3	0010206629	WSBH877	N
T-Mobile License LLC	D31169	THAYER, NE	1	0010206629	WSBH878	N
T-Mobile License LLC	D31169	THAYER, NE	2	0010206629	WSBH879	N
T-Mobile License LLC	D31169	THAYER, NE	3	0010206629	WSBH880	N
T-Mobile License LLC	D31171	THOMAS, NE	1	0010206629	WSBH881	N

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T-Mobile License LLC	D31171	THOMAS, NE	2	0010206629	WSBH882	N
T-Mobile License LLC	D31171	THOMAS, NE	3	0010206629	WSBH883	N
T-Mobile License LLC	D31175	VALLEY, NE	1	0010206629	WSBH884	N
T-Mobile License LLC	D31175	VALLEY, NE	2	0010206629	WSBH885	N
T-Mobile License LLC	D31175	VALLEY, NE	3	0010206629	WSBH886	N
T-Mobile License LLC	D31177	WASHINGTON, NE	1	0010206629	WSBH887	N
T-Mobile License LLC	D31177	WASHINGTON, NE	2	0010206629	WSBH888	N
T-Mobile License LLC	D31179	WAYNE, NE	2	0010206629	WSBH889	N
T-Mobile License LLC	D31179	WAYNE, NE	3	0010206629	WSBH890	N
T-Mobile License LLC	D31181	WEBSTER, NE	1	0010206629	WSBH891	N
T-Mobile License LLC	D31181	WEBSTER, NE	2	0010206629	WSBH892	N
T-Mobile License LLC	D31181	WEBSTER, NE	3	0010206629	WSBH893	N
T-Mobile License LLC	D31183	WHEELER, NE	1	0010206629	WSBH894	N
T-Mobile License LLC	D31183	WHEELER, NE	2	0010206629	WSBH895	N
T-Mobile License LLC	D31183	WHEELER, NE	3	0010206629	WSBH896	N
T-Mobile License LLC	D31185	YORK, NE	1	0010206629	WSBH897	N
T-Mobile License LLC	D31185	YORK, NE	2	0010206629	WSBH898	N
T-Mobile License LLC	D31185	YORK, NE	3	0010206629	WSBH899	N
T-Mobile License LLC	D32001	CHURCHILL, NV	2	0010206629	WSBH900	N
T-Mobile License LLC	D32001	CHURCHILL, NV	3	0010206629	WSBH901	N
T-Mobile License LLC	D32003	CLARK, NV	1	0010206629	WSBH902	N
T-Mobile License LLC	D32003	CLARK, NV	2	0010206629	WSBH903	N
T-Mobile License LLC	D32003	CLARK, NV	3	0010206629	WSBH904	N
T-Mobile License LLC	D32005	DOUGLAS, NV	3	0010206629	WSBH905	N
T-Mobile License LLC	D32007	ELKO, NV	2	0010206629	WSBH906	N
T-Mobile License LLC	D32007	ELKO, NV	3	0010206629	WSBH907	N
T-Mobile License LLC	D32009	ESMERALDA, NV	2	0010206629	WSBH908	N
T-Mobile License LLC	D32009	ESMERALDA, NV	3	0010206629	WSBH909	N
T-Mobile License LLC	D32011	EUREKA, NV	2	0010206629	WSBH910	N
T-Mobile License LLC	D32011	EUREKA, NV	3	0010206629	WSBH911	N
T-Mobile License LLC	D32013	HUMBOLDT, NV	1	0010206629	WSBH912	N
T-Mobile License LLC	D32013	HUMBOLDT, NV	2	0010206629	WSBH913	N
T-Mobile License LLC	D32015	LANDER, NV	2	0010206629	WSBH914	N
T-Mobile License LLC	D32015	LANDER, NV	3	0010206629	WSBH915	N
T-Mobile License LLC	D32017	LINCOLN, NV	3	0010206629	WSBH916	N
T-Mobile License LLC	D32019	LYON, NV	2	0010206629	WSBH917	N
T-Mobile License LLC	D32019	LYON, NV	3	0010206629	WSBH918	N
T-Mobile License LLC	D32021	MINERAL, NV	2	0010206629	WSBH919	N
T-Mobile License LLC	D32021	MINERAL, NV	3	0010206629	WSBH920	N
T-Mobile License LLC	D32023	NYE, NV	1	0010206629	WSBH921	N
T-Mobile License LLC	D32023	NYE, NV	2	0010206629	WSBH922	N
T-Mobile License LLC	D32023	NYE, NV	3	0010206629	WSBH923	N
T-Mobile License LLC	D32027	PERSHING, NV	2	0010206629	WSBH924	N
T-Mobile License LLC	D32027	PERSHING, NV	3	0010206629	WSBH925	N
T-Mobile License LLC	D32029	STOREY, NV	1	0010206629	WSBH926	N
T-Mobile License LLC	D32029	STOREY, NV	2	0010206629	WSBH927	N
T-Mobile License LLC	D32031	WASHOE, NV	1	0010206629	WSBH928	N
T-Mobile License LLC	D32031	WASHOE, NV	2	0010206629	WSBH929	N
T-Mobile License LLC	D32031	WASHOE, NV	3	0010206629	WSBH930	N
T-Mobile License LLC	D32033	WHITE PINE, NV	2	0010206629	WSBH931	N
T-Mobile License LLC	D32033	WHITE PINE, NV	3	0010206629	WSBH932	N
T-Mobile License LLC	D33001	BELKNAP, NH	2	0010206629	WSBH933	N
T-Mobile License LLC	D33001	BELKNAP, NH	3	0010206629	WSBH934	N
T-Mobile License LLC	D33003	CARROLL, NH	1	0010206629	WSBH935	N
T-Mobile License LLC	D33003	CARROLL, NH	2	0010206629	WSBH936	N
T-Mobile License LLC	D33003	CARROLL, NH	3	0010206629	WSBH937	N

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T-Mobile License LLC	D33005	CHESHIRE, NH	1	0010206629	WSBH938	N
T-Mobile License LLC	D33005	CHESHIRE, NH	2	0010206629	WSBH939	N
T-Mobile License LLC	D33005	CHESHIRE, NH	3	0010206629	WSBH940	N
T-Mobile License LLC	D33007	COOS, NH	1	0010206629	WSBH941	N
T-Mobile License LLC	D33007	COOS, NH	2	0010206629	WSBH942	N
T-Mobile License LLC	D33007	COOS, NH	3	0010206629	WSBH943	N
T-Mobile License LLC	D33009	GRAFTON, NH	1	0010206629	WSBH944	N
T-Mobile License LLC	D33009	GRAFTON, NH	2	0010206629	WSBH945	N
T-Mobile License LLC	D33009	GRAFTON, NH	3	0010206629	WSBH946	N
T-Mobile License LLC	D33011	HILLSBOROUGH, NH	1	0010206629	WSBH947	N
T-Mobile License LLC	D33011	HILLSBOROUGH, NH	2	0010206629	WSBH948	N
T-Mobile License LLC	D33011	HILLSBOROUGH, NH	3	0010206629	WSBH949	N
T-Mobile License LLC	D33013	MERRIMACK, NH	2	0010206629	WSBH950	N
T-Mobile License LLC	D33013	MERRIMACK, NH	3	0010206629	WSBH951	N
T-Mobile License LLC	D33015	ROCKINGHAM, NH	1	0010206629	WSBH952	N
T-Mobile License LLC	D33015	ROCKINGHAM, NH	2	0010206629	WSBH953	N
T-Mobile License LLC	D33015	ROCKINGHAM, NH	3	0010206629	WSBH954	N
T-Mobile License LLC	D33017	STRAFFORD, NH	1	0010206629	WSBH955	N
T-Mobile License LLC	D33017	STRAFFORD, NH	2	0010206629	WSBH956	N
T-Mobile License LLC	D33017	STRAFFORD, NH	3	0010206629	WSBH957	N
T-Mobile License LLC	D34001	ATLANTIC, NJ	2	0010206629	WSBH958	N
T-Mobile License LLC	D34001	ATLANTIC, NJ	3	0010206629	WSBH959	N
T-Mobile License LLC	D34005	BURLINGTON, NJ	1	0010206629	WSBH960	N
T-Mobile License LLC	D34005	BURLINGTON, NJ	2	0010206629	WSBH961	N
T-Mobile License LLC	D34007	CAMDEN, NJ	2	0010206629	WSBH962	N
T-Mobile License LLC	D34007	CAMDEN, NJ	3	0010206629	WSBH963	N
T-Mobile License LLC	D34009	CAPE MAY, NJ	2	0010206629	WSBH964	N
T-Mobile License LLC	D34009	CAPE MAY, NJ	3	0010206629	WSBH965	N
T-Mobile License LLC	D34011	CUMBERLAND, NJ	1	0010206629	WSBH966	N
T-Mobile License LLC	D34011	CUMBERLAND, NJ	2	0010206629	WSBH967	N
T-Mobile License LLC	D34011	CUMBERLAND, NJ	3	0010206629	WSBH968	N
T-Mobile License LLC	D34015	GLOUCESTER, NJ	2	0010206629	WSBH969	N
T-Mobile License LLC	D34015	GLOUCESTER, NJ	3	0010206629	WSBH970	N
T-Mobile License LLC	D34019	HUNTERDON, NJ	1	0010206629	WSBH971	N
T-Mobile License LLC	D34019	HUNTERDON, NJ	2	0010206629	WSBH972	N
T-Mobile License LLC	D34019	HUNTERDON, NJ	3	0010206629	WSBH973	N
T-Mobile License LLC	D34025	MONMOUTH, NJ	1	0010206629	WSBH974	N
T-Mobile License LLC	D34025	MONMOUTH, NJ	2	0010206629	WSBH975	N
T-Mobile License LLC	D34027	MORRIS, NJ	1	0010206629	WSBH976	N
T-Mobile License LLC	D34027	MORRIS, NJ	2	0010206629	WSBH977	N
T-Mobile License LLC	D34029	OCEAN, NJ	1	0010206629	WSBH978	N
T-Mobile License LLC	D34029	OCEAN, NJ	2	0010206629	WSBH979	N
T-Mobile License LLC	D34031	PASSAIC, NJ	1	0010206629	WSBH980	N
T-Mobile License LLC	D34031	PASSAIC, NJ	2	0010206629	WSBH981	N
T-Mobile License LLC	D34033	SALEM, NJ	1	0010206629	WSBH982	N
T-Mobile License LLC	D34033	SALEM, NJ	2	0010206629	WSBH983	N
T-Mobile License LLC	D34033	SALEM, NJ	3	0010206629	WSBH984	N
T-Mobile License LLC	D34035	SOMERSET, NJ	1	0010206629	WSBH985	N
T-Mobile License LLC	D34035	SOMERSET, NJ	2	0010206629	WSBH986	N
T-Mobile License LLC	D34037	SUSSEX, NJ	1	0010206629	WSBH987	N
T-Mobile License LLC	D34037	SUSSEX, NJ	2	0010206629	WSBH988	N
T-Mobile License LLC	D34037	SUSSEX, NJ	3	0010206629	WSBH989	N
T-Mobile License LLC	D34041	WARREN, NJ	1	0010206629	WSBH990	N
T-Mobile License LLC	D34041	WARREN, NJ	2	0010206629	WSBH991	N
T-Mobile License LLC	D34041	WARREN, NJ	3	0010206629	WSBH992	N
T-Mobile License LLC	D35001	BERNALILLO, NM	1	0010206629	WSBH993	N

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T-Mobile License LLC	D35001	BERNALILLO, NM	2	0010206629	WSBH994	N
T-Mobile License LLC	D35001	BERNALILLO, NM	3	0010206629	WSBH995	N
T-Mobile License LLC	D35003	CATRON, NM	2	0010206629	WSBH996	N
T-Mobile License LLC	D35003	CATRON, NM	3	0010206629	WSBH997	N
T-Mobile License LLC	D35005	CHAVES, NM	1	0010206629	WSBH998	N
T-Mobile License LLC	D35005	CHAVES, NM	2	0010206629	WSBH999	N
T-Mobile License LLC	D35005	CHAVES, NM	3	0010206629	WSBI200	N
T-Mobile License LLC	D35006	CIBOLA, NM	2	0010206629	WSBI201	N
T-Mobile License LLC	D35006	CIBOLA, NM	3	0010206629	WSBI202	N
T-Mobile License LLC	D35007	COLFAX, NM	1	0010206629	WSBI203	N
T-Mobile License LLC	D35007	COLFAX, NM	2	0010206629	WSBI204	N
T-Mobile License LLC	D35007	COLFAX, NM	3	0010206629	WSBI205	N
T-Mobile License LLC	D35009	CURRY, NM	1	0010206629	WSBI206	N
T-Mobile License LLC	D35009	CURRY, NM	2	0010206629	WSBI207	N
T-Mobile License LLC	D35009	CURRY, NM	3	0010206629	WSBI208	N
T-Mobile License LLC	D35011	DE BACA, NM	1	0010206629	WSBI209	N
T-Mobile License LLC	D35011	DE BACA, NM	2	0010206629	WSBI210	N
T-Mobile License LLC	D35011	DE BACA, NM	3	0010206629	WSBI211	N
T-Mobile License LLC	D35013	DOÑA ANA, NM	1	0010206629	WSBI212	N
T-Mobile License LLC	D35013	DOÑA ANA, NM	2	0010206629	WSBI213	N
T-Mobile License LLC	D35013	DOÑA ANA, NM	3	0010206629	WSBI214	N
T-Mobile License LLC	D35015	EDDY, NM	1	0010206629	WSBI215	N
T-Mobile License LLC	D35015	EDDY, NM	2	0010206629	WSBI216	N
T-Mobile License LLC	D35015	EDDY, NM	3	0010206629	WSBI217	N
T-Mobile License LLC	D35017	GRANT, NM	1	0010206629	WSBI218	N
T-Mobile License LLC	D35017	GRANT, NM	2	0010206629	WSBI219	N
T-Mobile License LLC	D35019	GUADALUPE, NM	1	0010206629	WSBI220	N
T-Mobile License LLC	D35019	GUADALUPE, NM	2	0010206629	WSBI221	N
T-Mobile License LLC	D35019	GUADALUPE, NM	3	0010206629	WSBI222	N
T-Mobile License LLC	D35021	HARDING, NM	1	0010206629	WSBI223	N
T-Mobile License LLC	D35021	HARDING, NM	2	0010206629	WSBI224	N
T-Mobile License LLC	D35021	HARDING, NM	3	0010206629	WSBI225	N
T-Mobile License LLC	D35023	HIDALGO, NM	1	0010206629	WSBI226	N
T-Mobile License LLC	D35023	HIDALGO, NM	2	0010206629	WSBI227	N
T-Mobile License LLC	D35023	HIDALGO, NM	3	0010206629	WSBI228	N
T-Mobile License LLC	D35025	LEA, NM	1	0010206629	WSBI229	N
T-Mobile License LLC	D35025	LEA, NM	2	0010206629	WSBI230	N
T-Mobile License LLC	D35025	LEA, NM	3	0010206629	WSBI231	N
T-Mobile License LLC	D35027	LINCOLN, NM	1	0010206629	WSBI232	N
T-Mobile License LLC	D35027	LINCOLN, NM	2	0010206629	WSBI233	N
T-Mobile License LLC	D35027	LINCOLN, NM	3	0010206629	WSBI234	N
T-Mobile License LLC	D35028	LOS ALAMOS, NM	1	0010206629	WSBI235	N
T-Mobile License LLC	D35028	LOS ALAMOS, NM	2	0010206629	WSBI236	N
T-Mobile License LLC	D35028	LOS ALAMOS, NM	3	0010206629	WSBI237	N
T-Mobile License LLC	D35029	LUNA, NM	1	0010206629	WSBI238	N
T-Mobile License LLC	D35029	LUNA, NM	2	0010206629	WSBI239	N
T-Mobile License LLC	D35031	MCKINLEY, NM	2	0010206629	WSBI240	N
T-Mobile License LLC	D35033	MORA, NM	1	0010206629	WSBI241	N
T-Mobile License LLC	D35033	MORA, NM	2	0010206629	WSBI242	N
T-Mobile License LLC	D35033	MORA, NM	3	0010206629	WSBI243	N
T-Mobile License LLC	D35035	OTERO, NM	1	0010206629	WSBI244	N
T-Mobile License LLC	D35035	OTERO, NM	2	0010206629	WSBI245	N
T-Mobile License LLC	D35035	OTERO, NM	3	0010206629	WSBI246	N
T-Mobile License LLC	D35037	QUAY, NM	1	0010206629	WSBI247	N
T-Mobile License LLC	D35037	QUAY, NM	2	0010206629	WSBI248	N
T-Mobile License LLC	D35037	QUAY, NM	3	0010206629	WSBI249	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D35039	RIO ARRIBA, NM	1	0010206629	WSBI250	N
T-Mobile License LLC	D35039	RIO ARRIBA, NM	2	0010206629	WSBI251	N
T-Mobile License LLC	D35039	RIO ARRIBA, NM	3	0010206629	WSBI252	N
T-Mobile License LLC	D35041	ROOSEVELT, NM	1	0010206629	WSBI253	N
T-Mobile License LLC	D35041	ROOSEVELT, NM	2	0010206629	WSBI254	N
T-Mobile License LLC	D35041	ROOSEVELT, NM	3	0010206629	WSBI255	N
T-Mobile License LLC	D35043	SANDOVAL, NM	1	0010206629	WSBI256	N
T-Mobile License LLC	D35043	SANDOVAL, NM	3	0010206629	WSBI257	N
T-Mobile License LLC	D35045	SAN JUAN, NM	2	0010206629	WSBI258	N
T-Mobile License LLC	D35045	SAN JUAN, NM	3	0010206629	WSBI259	N
T-Mobile License LLC	D35047	SAN MIGUEL, NM	1	0010206629	WSBI260	N
T-Mobile License LLC	D35047	SAN MIGUEL, NM	2	0010206629	WSBI261	N
T-Mobile License LLC	D35047	SAN MIGUEL, NM	3	0010206629	WSBI262	N
T-Mobile License LLC	D35049	SANTA FE, NM	1	0010206629	WSBI263	N
T-Mobile License LLC	D35049	SANTA FE, NM	2	0010206629	WSBI264	N
T-Mobile License LLC	D35049	SANTA FE, NM	3	0010206629	WSBI265	N
T-Mobile License LLC	D35051	SIERRA, NM	2	0010206629	WSBI266	N
T-Mobile License LLC	D35051	SIERRA, NM	3	0010206629	WSBI267	N
T-Mobile License LLC	D35053	SOCORRO, NM	1	0010206629	WSBI268	N
T-Mobile License LLC	D35053	SOCORRO, NM	2	0010206629	WSBI269	N
T-Mobile License LLC	D35055	TAOS, NM	1	0010206629	WSBI270	N
T-Mobile License LLC	D35055	TAOS, NM	2	0010206629	WSBI271	N
T-Mobile License LLC	D35055	TAOS, NM	3	0010206629	WSBI272	N
T-Mobile License LLC	D35057	TORRANCE, NM	1	0010206629	WSBI273	N
T-Mobile License LLC	D35057	TORRANCE, NM	2	0010206629	WSBI274	N
T-Mobile License LLC	D35059	UNION, NM	1	0010206629	WSBI275	N
T-Mobile License LLC	D35059	UNION, NM	2	0010206629	WSBI276	N
T-Mobile License LLC	D35059	UNION, NM	3	0010206629	WSBI277	N
T-Mobile License LLC	D35061	VALENCIA, NM	2	0010206629	WSBI278	N
T-Mobile License LLC	D35061	VALENCIA, NM	3	0010206629	WSBI279	N
T-Mobile License LLC	D36003	ALLEGANY, NY	1	0010206629	WSBI280	N
T-Mobile License LLC	D36003	ALLEGANY, NY	2	0010206629	WSBI281	N
T-Mobile License LLC	D36003	ALLEGANY, NY	3	0010206629	WSBI282	N
T-Mobile License LLC	D36007	BROOME, NY	1	0010206629	WSBI283	N
T-Mobile License LLC	D36007	BROOME, NY	2	0010206629	WSBI284	N
T-Mobile License LLC	D36009	CATTARAUGUS, NY	1	0010206629	WSBI285	N
T-Mobile License LLC	D36009	CATTARAUGUS, NY	2	0010206629	WSBI286	N
T-Mobile License LLC	D36009	CATTARAUGUS, NY	3	0010206629	WSBI287	N
T-Mobile License LLC	D36011	CAYUGA, NY	1	0010206629	WSBI288	N
T-Mobile License LLC	D36011	CAYUGA, NY	2	0010206629	WSBI289	N
T-Mobile License LLC	D36011	CAYUGA, NY	3	0010206629	WSBI290	N
T-Mobile License LLC	D36013	CHAUTAUQUA, NY	1	0010206629	WSBI291	N
T-Mobile License LLC	D36013	CHAUTAUQUA, NY	2	0010206629	WSBI292	N
T-Mobile License LLC	D36013	CHAUTAUQUA, NY	3	0010206629	WSBI293	N
T-Mobile License LLC	D36015	CHEMUNG, NY	1	0010206629	WSBI294	N
T-Mobile License LLC	D36015	CHEMUNG, NY	2	0010206629	WSBI295	N
T-Mobile License LLC	D36015	CHEMUNG, NY	3	0010206629	WSBI296	N
T-Mobile License LLC	D36017	CHENANGO, NY	1	0010206629	WSBI297	N
T-Mobile License LLC	D36017	CHENANGO, NY	2	0010206629	WSBI298	N
T-Mobile License LLC	D36017	CHENANGO, NY	3	0010206629	WSBI299	N
T-Mobile License LLC	D36019	CLINTON, NY	2	0010206629	WSBI300	N
T-Mobile License LLC	D36019	CLINTON, NY	3	0010206629	WSBI301	N
T-Mobile License LLC	D36021	COLUMBIA, NY	1	0010206629	WSBI302	N
T-Mobile License LLC	D36021	COLUMBIA, NY	2	0010206629	WSBI303	N
T-Mobile License LLC	D36021	COLUMBIA, NY	3	0010206629	WSBI304	N
T-Mobile License LLC	D36023	CORTLAND, NY	1	0010206629	WSBI305	N

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T-Mobile License LLC	D36023	CORTLAND, NY	2	0010206629	WSBI306	N
T-Mobile License LLC	D36025	DELAWARE, NY	1	0010206629	WSBI307	N
T-Mobile License LLC	D36025	DELAWARE, NY	2	0010206629	WSBI308	N
T-Mobile License LLC	D36025	DELAWARE, NY	3	0010206629	WSBI309	N
T-Mobile License LLC	D36027	DUTCHESS, NY	2	0010206629	WSBI310	N
T-Mobile License LLC	D36027	DUTCHESS, NY	3	0010206629	WSBI311	N
T-Mobile License LLC	D36029	ERIE, NY	1	0010206629	WSBI312	N
T-Mobile License LLC	D36029	ERIE, NY	2	0010206629	WSBI313	N
T-Mobile License LLC	D36031	ESSEX, NY	1	0010206629	WSBI314	N
T-Mobile License LLC	D36031	ESSEX, NY	2	0010206629	WSBI315	N
T-Mobile License LLC	D36033	FRANKLIN, NY	1	0010206629	WSBI316	N
T-Mobile License LLC	D36033	FRANKLIN, NY	2	0010206629	WSBI317	N
T-Mobile License LLC	D36033	FRANKLIN, NY	3	0010206629	WSBI318	N
T-Mobile License LLC	D36035	FULTON, NY	1	0010206629	WSBI319	N
T-Mobile License LLC	D36035	FULTON, NY	2	0010206629	WSBI320	N
T-Mobile License LLC	D36035	FULTON, NY	3	0010206629	WSBI321	N
T-Mobile License LLC	D36037	GENESEE, NY	1	0010206629	WSBI322	N
T-Mobile License LLC	D36037	GENESEE, NY	2	0010206629	WSBI323	N
T-Mobile License LLC	D36037	GENESEE, NY	3	0010206629	WSBI324	N
T-Mobile License LLC	D36039	GREENE, NY	1	0010206629	WSBI325	N
T-Mobile License LLC	D36039	GREENE, NY	2	0010206629	WSBI326	N
T-Mobile License LLC	D36039	GREENE, NY	3	0010206629	WSBI327	N
T-Mobile License LLC	D36041	HAMILTON, NY	1	0010206629	WSBI328	N
T-Mobile License LLC	D36041	HAMILTON, NY	2	0010206629	WSBI329	N
T-Mobile License LLC	D36041	HAMILTON, NY	3	0010206629	WSBI330	N
T-Mobile License LLC	D36043	HERKIMER, NY	1	0010206629	WSBI331	N
T-Mobile License LLC	D36043	HERKIMER, NY	2	0010206629	WSBI332	N
T-Mobile License LLC	D36043	HERKIMER, NY	3	0010206629	WSBI333	N
T-Mobile License LLC	D36045	JEFFERSON, NY	1	0010206629	WSBI334	N
T-Mobile License LLC	D36045	JEFFERSON, NY	2	0010206629	WSBI335	N
T-Mobile License LLC	D36045	JEFFERSON, NY	3	0010206629	WSBI336	N
T-Mobile License LLC	D36049	LEWIS, NY	1	0010206629	WSBI337	N
T-Mobile License LLC	D36049	LEWIS, NY	2	0010206629	WSBI338	N
T-Mobile License LLC	D36049	LEWIS, NY	3	0010206629	WSBI339	N
T-Mobile License LLC	D36051	LIVINGSTON, NY	1	0010206629	WSBI340	N
T-Mobile License LLC	D36051	LIVINGSTON, NY	2	0010206629	WSBI341	N
T-Mobile License LLC	D36051	LIVINGSTON, NY	3	0010206629	WSBI342	N
T-Mobile License LLC	D36053	MADISON, NY	2	0010206629	WSBI343	N
T-Mobile License LLC	D36053	MADISON, NY	3	0010206629	WSBI344	N
T-Mobile License LLC	D36055	MONROE, NY	1	0010206629	WSBI345	N
T-Mobile License LLC	D36055	MONROE, NY	2	0010206629	WSBI346	N
T-Mobile License LLC	D36055	MONROE, NY	3	0010206629	WSBI347	N
T-Mobile License LLC	D36057	MONTGOMERY, NY	1	0010206629	WSBI348	N
T-Mobile License LLC	D36057	MONTGOMERY, NY	2	0010206629	WSBI349	N
T-Mobile License LLC	D36057	MONTGOMERY, NY	3	0010206629	WSBI350	N
T-Mobile License LLC	D36063	NIAGARA, NY	2	0010206629	WSBI351	N
T-Mobile License LLC	D36063	NIAGARA, NY	3	0010206629	WSBI352	N
T-Mobile License LLC	D36065	ONEIDA, NY	1	0010206629	WSBI353	N
T-Mobile License LLC	D36065	ONEIDA, NY	2	0010206629	WSBI354	N
T-Mobile License LLC	D36065	ONEIDA, NY	3	0010206629	WSBI355	N
T-Mobile License LLC	D36071	ORANGE, NY	1	0010206629	WSBI356	N
T-Mobile License LLC	D36071	ORANGE, NY	2	0010206629	WSBI357	N
T-Mobile License LLC	D36071	ORANGE, NY	3	0010206629	WSBI358	N
T-Mobile License LLC	D36073	ORLEANS, NY	1	0010206629	WSBI359	N
T-Mobile License LLC	D36073	ORLEANS, NY	2	0010206629	WSBI360	N
T-Mobile License LLC	D36073	ORLEANS, NY	3	0010206629	WSBI361	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D36075	OSWEGO, NY	1	0010206629	WSBI362	N
T-Mobile License LLC	D36075	OSWEGO, NY	2	0010206629	WSBI363	N
T-Mobile License LLC	D36075	OSWEGO, NY	3	0010206629	WSBI364	N
T-Mobile License LLC	D36077	OTSEGO, NY	1	0010206629	WSBI365	N
T-Mobile License LLC	D36077	OTSEGO, NY	2	0010206629	WSBI366	N
T-Mobile License LLC	D36077	OTSEGO, NY	3	0010206629	WSBI367	N
T-Mobile License LLC	D36079	PUTNAM, NY	2	0010206629	WSBI368	N
T-Mobile License LLC	D36079	PUTNAM, NY	3	0010206629	WSBI369	N
T-Mobile License LLC	D36083	RENSSELAER, NY	1	0010206629	WSBI370	N
T-Mobile License LLC	D36083	RENSSELAER, NY	2	0010206629	WSBI371	N
T-Mobile License LLC	D36083	RENSSELAER, NY	3	0010206629	WSBI372	N
T-Mobile License LLC	D36087	ROCKLAND, NY	2	0010206629	WSBI373	N
T-Mobile License LLC	D36089	ST. LAWRENCE, NY	1	0010206629	WSBI374	N
T-Mobile License LLC	D36089	ST. LAWRENCE, NY	2	0010206629	WSBI375	N
T-Mobile License LLC	D36089	ST. LAWRENCE, NY	3	0010206629	WSBI376	N
T-Mobile License LLC	D36091	SARATOGA, NY	1	0010206629	WSBI377	N
T-Mobile License LLC	D36091	SARATOGA, NY	2	0010206629	WSBI378	N
T-Mobile License LLC	D36091	SARATOGA, NY	3	0010206629	WSBI379	N
T-Mobile License LLC	D36095	SCHOHARIE, NY	1	0010206629	WSBI380	N
T-Mobile License LLC	D36095	SCHOHARIE, NY	2	0010206629	WSBI381	N
T-Mobile License LLC	D36095	SCHOHARIE, NY	3	0010206629	WSBI382	N
T-Mobile License LLC	D36097	SCHUYLER, NY	1	0010206629	WSBI383	N
T-Mobile License LLC	D36097	SCHUYLER, NY	2	0010206629	WSBI384	N
T-Mobile License LLC	D36097	SCHUYLER, NY	3	0010206629	WSBI385	N
T-Mobile License LLC	D36099	SENECA, NY	1	0010206629	WSBI386	N
T-Mobile License LLC	D36099	SENECA, NY	2	0010206629	WSBI387	N
T-Mobile License LLC	D36099	SENECA, NY	3	0010206629	WSBI388	N
T-Mobile License LLC	D36101	STEUBEN, NY	1	0010206629	WSBI389	N
T-Mobile License LLC	D36101	STEUBEN, NY	2	0010206629	WSBI390	N
T-Mobile License LLC	D36101	STEUBEN, NY	3	0010206629	WSBI391	N
T-Mobile License LLC	D36103	SUFFOLK, NY	1	0010206629	WSBI392	N
T-Mobile License LLC	D36103	SUFFOLK, NY	2	0010206629	WSBI393	N
T-Mobile License LLC	D36103	SUFFOLK, NY	3	0010206629	WSBI394	N
T-Mobile License LLC	D36105	SULLIVAN, NY	1	0010206629	WSBI395	N
T-Mobile License LLC	D36105	SULLIVAN, NY	2	0010206629	WSBI396	N
T-Mobile License LLC	D36105	SULLIVAN, NY	3	0010206629	WSBI397	N
T-Mobile License LLC	D36107	TIOGA, NY	1	0010206629	WSBI398	N
T-Mobile License LLC	D36107	TIOGA, NY	2	0010206629	WSBI399	N
T-Mobile License LLC	D36109	TOMPKINS, NY	1	0010206629	WSBI400	N
T-Mobile License LLC	D36109	TOMPKINS, NY	2	0010206629	WSBI401	N
T-Mobile License LLC	D36109	TOMPKINS, NY	3	0010206629	WSBI402	N
T-Mobile License LLC	D36111	ULSTER, NY	1	0010206629	WSBI403	N
T-Mobile License LLC	D36111	ULSTER, NY	2	0010206629	WSBI404	N
T-Mobile License LLC	D36111	ULSTER, NY	3	0010206629	WSBI405	N
T-Mobile License LLC	D36113	WARREN, NY	1	0010206629	WSBI406	N
T-Mobile License LLC	D36113	WARREN, NY	2	0010206629	WSBI407	N
T-Mobile License LLC	D36113	WARREN, NY	3	0010206629	WSBI408	N
T-Mobile License LLC	D36115	WASHINGTON, NY	1	0010206629	WSBI409	N
T-Mobile License LLC	D36115	WASHINGTON, NY	2	0010206629	WSBI410	N
T-Mobile License LLC	D36115	WASHINGTON, NY	3	0010206629	WSBI411	N
T-Mobile License LLC	D36117	WAYNE, NY	2	0010206629	WSBI412	N
T-Mobile License LLC	D36117	WAYNE, NY	3	0010206629	WSBI413	N
T-Mobile License LLC	D36119	WESTCHESTER, NY	1	0010206629	WSBI414	N
T-Mobile License LLC	D36119	WESTCHESTER, NY	2	0010206629	WSBI415	N
T-Mobile License LLC	D36119	WESTCHESTER, NY	3	0010206629	WSBI416	N
T-Mobile License LLC	D36121	WYOMING, NY	1	0010206629	WSBI417	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D36121	WYOMING, NY	2	0010206629	WSBI418	N
T-Mobile License LLC	D36121	WYOMING, NY	3	0010206629	WSBI419	N
T-Mobile License LLC	D36123	YATES, NY	1	0010206629	WSBI420	N
T-Mobile License LLC	D36123	YATES, NY	2	0010206629	WSBI421	N
T-Mobile License LLC	D36123	YATES, NY	3	0010206629	WSBI422	N
T-Mobile License LLC	D37005	ALLEGHANY, NC	2	0010206629	WSBI423	N
T-Mobile License LLC	D37005	ALLEGHANY, NC	3	0010206629	WSBI424	N
T-Mobile License LLC	D37007	ANSON, NC	1	0010206629	WSBI425	N
T-Mobile License LLC	D37007	ANSON, NC	2	0010206629	WSBI426	N
T-Mobile License LLC	D37007	ANSON, NC	3	0010206629	WSBI427	N
T-Mobile License LLC	D37009	ASHE, NC	2	0010206629	WSBI428	N
T-Mobile License LLC	D37009	ASHE, NC	3	0010206629	WSBI429	N
T-Mobile License LLC	D37011	AVERY, NC	1	0010206629	WSBI430	N
T-Mobile License LLC	D37011	AVERY, NC	2	0010206629	WSBI431	N
T-Mobile License LLC	D37011	AVERY, NC	3	0010206629	WSBI432	N
T-Mobile License LLC	D37013	BEAUFORT, NC	2	0010206629	WSBI433	N
T-Mobile License LLC	D37013	BEAUFORT, NC	3	0010206629	WSBI434	N
T-Mobile License LLC	D37015	BERTIE, NC	1	0010206629	WSBI435	N
T-Mobile License LLC	D37015	BERTIE, NC	2	0010206629	WSBI436	N
T-Mobile License LLC	D37015	BERTIE, NC	3	0010206629	WSBI437	N
T-Mobile License LLC	D37017	BLADEN, NC	1	0010206629	WSBI438	N
T-Mobile License LLC	D37017	BLADEN, NC	2	0010206629	WSBI439	N
T-Mobile License LLC	D37017	BLADEN, NC	3	0010206629	WSBI440	N
T-Mobile License LLC	D37019	BRUNSWICK, NC	1	0010206629	WSBI441	N
T-Mobile License LLC	D37019	BRUNSWICK, NC	2	0010206629	WSBI442	N
T-Mobile License LLC	D37019	BRUNSWICK, NC	3	0010206629	WSBI443	N
T-Mobile License LLC	D37023	BURKE, NC	1	0010206629	WSBI444	N
T-Mobile License LLC	D37023	BURKE, NC	2	0010206629	WSBI445	N
T-Mobile License LLC	D37023	BURKE, NC	3	0010206629	WSBI446	N
T-Mobile License LLC	D37027	CALDWELL, NC	1	0010206629	WSBI447	N
T-Mobile License LLC	D37027	CALDWELL, NC	2	0010206629	WSBI448	N
T-Mobile License LLC	D37027	CALDWELL, NC	3	0010206629	WSBI449	N
T-Mobile License LLC	D37029	CAMDEN, NC	1	0010206629	WSBI450	N
T-Mobile License LLC	D37029	CAMDEN, NC	2	0010206629	WSBI451	N
T-Mobile License LLC	D37029	CAMDEN, NC	3	0010206629	WSBI452	N
T-Mobile License LLC	D37031	CARTERET, NC	1	0010206629	WSBI453	N
T-Mobile License LLC	D37031	CARTERET, NC	2	0010206629	WSBI454	N
T-Mobile License LLC	D37031	CARTERET, NC	3	0010206629	WSBI455	N
T-Mobile License LLC	D37033	CASWELL, NC	1	0010206629	WSBI456	N
T-Mobile License LLC	D37033	CASWELL, NC	2	0010206629	WSBI457	N
T-Mobile License LLC	D37033	CASWELL, NC	3	0010206629	WSBI458	N
T-Mobile License LLC	D37037	CHATHAM, NC	1	0010206629	WSBI459	N
T-Mobile License LLC	D37037	CHATHAM, NC	2	0010206629	WSBI460	N
T-Mobile License LLC	D37037	CHATHAM, NC	3	0010206629	WSBI461	N
T-Mobile License LLC	D37039	CHEROKEE, NC	1	0010206629	WSBI462	N
T-Mobile License LLC	D37039	CHEROKEE, NC	2	0010206629	WSBI463	N
T-Mobile License LLC	D37039	CHEROKEE, NC	3	0010206629	WSBI464	N
T-Mobile License LLC	D37041	CHOWAN, NC	1	0010206629	WSBI465	N
T-Mobile License LLC	D37041	CHOWAN, NC	2	0010206629	WSBI466	N
T-Mobile License LLC	D37041	CHOWAN, NC	3	0010206629	WSBI467	N
T-Mobile License LLC	D37043	CLAY, NC	1	0010206629	WSBI468	N
T-Mobile License LLC	D37043	CLAY, NC	2	0010206629	WSBI469	N
T-Mobile License LLC	D37043	CLAY, NC	3	0010206629	WSBI470	N
T-Mobile License LLC	D37045	CLEVELAND, NC	2	0010206629	WSBI471	N
T-Mobile License LLC	D37047	COLUMBUS, NC	1	0010206629	WSBI472	N
T-Mobile License LLC	D37047	COLUMBUS, NC	2	0010206629	WSBI473	N

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T-Mobile License LLC	D37047	COLUMBUS, NC	3	0010206629	WSBI474	N
T-Mobile License LLC	D37049	CRAVEN, NC	1	0010206629	WSBI475	N
T-Mobile License LLC	D37049	CRAVEN, NC	2	0010206629	WSBI476	N
T-Mobile License LLC	D37049	CRAVEN, NC	3	0010206629	WSBI477	N
T-Mobile License LLC	D37053	CURRITUCK, NC	1	0010206629	WSBI478	N
T-Mobile License LLC	D37053	CURRITUCK, NC	2	0010206629	WSBI479	N
T-Mobile License LLC	D37053	CURRITUCK, NC	3	0010206629	WSBI480	N
T-Mobile License LLC	D37055	DARE, NC	1	0010206629	WSBI481	N
T-Mobile License LLC	D37055	DARE, NC	2	0010206629	WSBI482	N
T-Mobile License LLC	D37055	DARE, NC	3	0010206629	WSBI483	N
T-Mobile License LLC	D37057	DAVIDSON, NC	1	0010206629	WSBI484	N
T-Mobile License LLC	D37057	DAVIDSON, NC	2	0010206629	WSBI485	N
T-Mobile License LLC	D37057	DAVIDSON, NC	3	0010206629	WSBI486	N
T-Mobile License LLC	D37059	DAVIE, NC	1	0010206629	WSBI487	N
T-Mobile License LLC	D37059	DAVIE, NC	2	0010206629	WSBI488	N
T-Mobile License LLC	D37059	DAVIE, NC	3	0010206629	WSBI489	N
T-Mobile License LLC	D37061	DUPLIN, NC	1	0010206629	WSBI490	N
T-Mobile License LLC	D37061	DUPLIN, NC	2	0010206629	WSBI491	N
T-Mobile License LLC	D37061	DUPLIN, NC	3	0010206629	WSBI492	N
T-Mobile License LLC	D37063	DURHAM, NC	1	0010206629	WSBI493	N
T-Mobile License LLC	D37063	DURHAM, NC	2	0010206629	WSBI494	N
T-Mobile License LLC	D37063	DURHAM, NC	3	0010206629	WSBI495	N
T-Mobile License LLC	D37065	EDGECOMBE, NC	2	0010206629	WSBI496	N
T-Mobile License LLC	D37065	EDGECOMBE, NC	3	0010206629	WSBI497	N
T-Mobile License LLC	D37067	FORSYTH, NC	1	0010206629	WSBI498	N
T-Mobile License LLC	D37067	FORSYTH, NC	2	0010206629	WSBI499	N
T-Mobile License LLC	D37067	FORSYTH, NC	3	0010206629	WSBI500	N
T-Mobile License LLC	D37069	FRANKLIN, NC	1	0010206629	WSBI501	N
T-Mobile License LLC	D37069	FRANKLIN, NC	2	0010206629	WSBI502	N
T-Mobile License LLC	D37069	FRANKLIN, NC	3	0010206629	WSBI503	N
T-Mobile License LLC	D37073	GATES, NC	1	0010206629	WSBI504	N
T-Mobile License LLC	D37073	GATES, NC	2	0010206629	WSBI505	N
T-Mobile License LLC	D37073	GATES, NC	3	0010206629	WSBI506	N
T-Mobile License LLC	D37075	GRAHAM, NC	1	0010206629	WSBI507	N
T-Mobile License LLC	D37075	GRAHAM, NC	2	0010206629	WSBI508	N
T-Mobile License LLC	D37075	GRAHAM, NC	3	0010206629	WSBI509	N
T-Mobile License LLC	D37077	GRANVILLE, NC	1	0010206629	WSBI510	N
T-Mobile License LLC	D37077	GRANVILLE, NC	2	0010206629	WSBI511	N
T-Mobile License LLC	D37077	GRANVILLE, NC	3	0010206629	WSBI512	N
T-Mobile License LLC	D37083	HALIFAX, NC	1	0010206629	WSBI513	N
T-Mobile License LLC	D37083	HALIFAX, NC	2	0010206629	WSBI514	N
T-Mobile License LLC	D37083	HALIFAX, NC	3	0010206629	WSBI515	N
T-Mobile License LLC	D37085	HARNETT, NC	1	0010206629	WSBI516	N
T-Mobile License LLC	D37085	HARNETT, NC	2	0010206629	WSBI517	N
T-Mobile License LLC	D37085	HARNETT, NC	3	0010206629	WSBI518	N
T-Mobile License LLC	D37087	HAYWOOD, NC	2	0010206629	WSBI519	N
T-Mobile License LLC	D37091	HERTFORD, NC	1	0010206629	WSBI520	N
T-Mobile License LLC	D37091	HERTFORD, NC	2	0010206629	WSBI521	N
T-Mobile License LLC	D37091	HERTFORD, NC	3	0010206629	WSBI522	N
T-Mobile License LLC	D37093	HOKE, NC	2	0010206629	WSBI523	N
T-Mobile License LLC	D37093	HOKE, NC	3	0010206629	WSBI524	N
T-Mobile License LLC	D37095	HYDE, NC	1	0010206629	WSBI525	N
T-Mobile License LLC	D37095	HYDE, NC	2	0010206629	WSBI526	N
T-Mobile License LLC	D37095	HYDE, NC	3	0010206629	WSBI527	N
T-Mobile License LLC	D37097	IREDELL, NC	1	0010206629	WSBI528	N
T-Mobile License LLC	D37097	IREDELL, NC	2	0010206629	WSBI529	N

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T-Mobile License LLC	D37097	IREDELL, NC	3	0010206629	WSBI530	N
T-Mobile License LLC	D37099	JACKSON, NC	1	0010206629	WSBI531	N
T-Mobile License LLC	D37099	JACKSON, NC	2	0010206629	WSBI532	N
T-Mobile License LLC	D37099	JACKSON, NC	3	0010206629	WSBI533	N
T-Mobile License LLC	D37101	JOHNSTON, NC	1	0010206629	WSBI534	N
T-Mobile License LLC	D37101	JOHNSTON, NC	2	0010206629	WSBI535	N
T-Mobile License LLC	D37101	JOHNSTON, NC	3	0010206629	WSBI536	N
T-Mobile License LLC	D37103	JONES, NC	1	0010206629	WSBI537	N
T-Mobile License LLC	D37103	JONES, NC	2	0010206629	WSBI538	N
T-Mobile License LLC	D37103	JONES, NC	3	0010206629	WSBI539	N
T-Mobile License LLC	D37105	LEE, NC	1	0010206629	WSBI540	N
T-Mobile License LLC	D37105	LEE, NC	2	0010206629	WSBI541	N
T-Mobile License LLC	D37105	LEE, NC	3	0010206629	WSBI542	N
T-Mobile License LLC	D37107	LENOIR, NC	1	0010206629	WSBI543	N
T-Mobile License LLC	D37107	LENOIR, NC	2	0010206629	WSBI544	N
T-Mobile License LLC	D37107	LENOIR, NC	3	0010206629	WSBI545	N
T-Mobile License LLC	D37111	MCDOWELL, NC	1	0010206629	WSBI546	N
T-Mobile License LLC	D37111	MCDOWELL, NC	2	0010206629	WSBI547	N
T-Mobile License LLC	D37111	MCDOWELL, NC	3	0010206629	WSBI548	N
T-Mobile License LLC	D37113	MACON, NC	1	0010206629	WSBI549	N
T-Mobile License LLC	D37113	MACON, NC	2	0010206629	WSBI550	N
T-Mobile License LLC	D37113	MACON, NC	3	0010206629	WSBI551	N
T-Mobile License LLC	D37117	MARTIN, NC	1	0010206629	WSBI552	N
T-Mobile License LLC	D37117	MARTIN, NC	2	0010206629	WSBI553	N
T-Mobile License LLC	D37117	MARTIN, NC	3	0010206629	WSBI554	N
T-Mobile License LLC	D37121	MITCHELL, NC	1	0010206629	WSBI555	N
T-Mobile License LLC	D37121	MITCHELL, NC	2	0010206629	WSBI556	N
T-Mobile License LLC	D37121	MITCHELL, NC	3	0010206629	WSBI557	N
T-Mobile License LLC	D37123	MONTGOMERY, NC	1	0010206629	WSBI558	N
T-Mobile License LLC	D37123	MONTGOMERY, NC	2	0010206629	WSBI559	N
T-Mobile License LLC	D37123	MONTGOMERY, NC	3	0010206629	WSBI560	N
T-Mobile License LLC	D37125	MOORE, NC	1	0010206629	WSBI561	N
T-Mobile License LLC	D37125	MOORE, NC	2	0010206629	WSBI562	N
T-Mobile License LLC	D37125	MOORE, NC	3	0010206629	WSBI563	N
T-Mobile License LLC	D37127	NASH, NC	1	0010206629	WSBI564	N
T-Mobile License LLC	D37127	NASH, NC	2	0010206629	WSBI565	N
T-Mobile License LLC	D37127	NASH, NC	3	0010206629	WSBI566	N
T-Mobile License LLC	D37129	NEW HANOVER, NC	1	0010206629	WSBI567	N
T-Mobile License LLC	D37129	NEW HANOVER, NC	2	0010206629	WSBI568	N
T-Mobile License LLC	D37131	NORTHAMPTON, NC	1	0010206629	WSBI569	N
T-Mobile License LLC	D37131	NORTHAMPTON, NC	2	0010206629	WSBI570	N
T-Mobile License LLC	D37131	NORTHAMPTON, NC	3	0010206629	WSBI571	N
T-Mobile License LLC	D37133	ONSLOW, NC	1	0010206629	WSBI572	N
T-Mobile License LLC	D37133	ONSLOW, NC	2	0010206629	WSBI573	N
T-Mobile License LLC	D37133	ONSLOW, NC	3	0010206629	WSBI574	N
T-Mobile License LLC	D37135	ORANGE, NC	1	0010206629	WSBI575	N
T-Mobile License LLC	D37135	ORANGE, NC	2	0010206629	WSBI576	N
T-Mobile License LLC	D37135	ORANGE, NC	3	0010206629	WSBI577	N
T-Mobile License LLC	D37137	PAMLICO, NC	1	0010206629	WSBI578	N
T-Mobile License LLC	D37137	PAMLICO, NC	2	0010206629	WSBI579	N
T-Mobile License LLC	D37137	PAMLICO, NC	3	0010206629	WSBI580	N
T-Mobile License LLC	D37139	PASQUOTANK, NC	1	0010206629	WSBI581	N
T-Mobile License LLC	D37139	PASQUOTANK, NC	2	0010206629	WSBI582	N
T-Mobile License LLC	D37139	PASQUOTANK, NC	3	0010206629	WSBI583	N
T-Mobile License LLC	D37141	PENDER, NC	1	0010206629	WSBI584	N
T-Mobile License LLC	D37141	PENDER, NC	2	0010206629	WSBI585	N

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T-Mobile License LLC	D37141	PENDER, NC	3	0010206629	WSBI586	N
T-Mobile License LLC	D37143	PERQUIMANS, NC	1	0010206629	WSBI587	N
T-Mobile License LLC	D37143	PERQUIMANS, NC	2	0010206629	WSBI588	N
T-Mobile License LLC	D37143	PERQUIMANS, NC	3	0010206629	WSBI589	N
T-Mobile License LLC	D37145	PERSON, NC	1	0010206629	WSBI590	N
T-Mobile License LLC	D37145	PERSON, NC	2	0010206629	WSBI591	N
T-Mobile License LLC	D37145	PERSON, NC	3	0010206629	WSBI592	N
T-Mobile License LLC	D37147	PITT, NC	1	0010206629	WSBI593	N
T-Mobile License LLC	D37147	PITT, NC	2	0010206629	WSBI594	N
T-Mobile License LLC	D37151	RANDOLPH, NC	1	0010206629	WSBI595	N
T-Mobile License LLC	D37151	RANDOLPH, NC	2	0010206629	WSBI596	N
T-Mobile License LLC	D37151	RANDOLPH, NC	3	0010206629	WSBI597	N
T-Mobile License LLC	D37153	RICHMOND, NC	1	0010206629	WSBI598	N
T-Mobile License LLC	D37153	RICHMOND, NC	2	0010206629	WSBI599	N
T-Mobile License LLC	D37153	RICHMOND, NC	3	0010206629	WSBI600	N
T-Mobile License LLC	D37155	ROBESON, NC	1	0010206629	WSBI601	N
T-Mobile License LLC	D37155	ROBESON, NC	2	0010206629	WSBI602	N
T-Mobile License LLC	D37155	ROBESON, NC	3	0010206629	WSBI603	N
T-Mobile License LLC	D37157	ROCKINGHAM, NC	1	0010206629	WSBI604	N
T-Mobile License LLC	D37157	ROCKINGHAM, NC	2	0010206629	WSBI605	N
T-Mobile License LLC	D37157	ROCKINGHAM, NC	3	0010206629	WSBI606	N
T-Mobile License LLC	D37159	ROWAN, NC	1	0010206629	WSBI607	N
T-Mobile License LLC	D37159	ROWAN, NC	2	0010206629	WSBI608	N
T-Mobile License LLC	D37159	ROWAN, NC	3	0010206629	WSBI609	N
T-Mobile License LLC	D37161	RUTHERFORD, NC	1	0010206629	WSBI610	N
T-Mobile License LLC	D37161	RUTHERFORD, NC	2	0010206629	WSBI611	N
T-Mobile License LLC	D37161	RUTHERFORD, NC	3	0010206629	WSBI612	N
T-Mobile License LLC	D37163	SAMPSON, NC	1	0010206629	WSBI613	N
T-Mobile License LLC	D37163	SAMPSON, NC	2	0010206629	WSBI614	N
T-Mobile License LLC	D37163	SAMPSON, NC	3	0010206629	WSBI615	N
T-Mobile License LLC	D37165	SCOTLAND, NC	2	0010206629	WSBI616	N
T-Mobile License LLC	D37165	SCOTLAND, NC	3	0010206629	WSBI617	N
T-Mobile License LLC	D37167	STANLY, NC	1	0010206629	WSBI618	N
T-Mobile License LLC	D37167	STANLY, NC	2	0010206629	WSBI619	N
T-Mobile License LLC	D37167	STANLY, NC	3	0010206629	WSBI620	N
T-Mobile License LLC	D37169	STOKES, NC	1	0010206629	WSBI621	N
T-Mobile License LLC	D37169	STOKES, NC	2	0010206629	WSBI622	N
T-Mobile License LLC	D37169	STOKES, NC	3	0010206629	WSBI623	N
T-Mobile License LLC	D37171	SURRY, NC	2	0010206629	WSBI624	N
T-Mobile License LLC	D37171	SURRY, NC	3	0010206629	WSBI625	N
T-Mobile License LLC	D37173	SWAIN, NC	1	0010206629	WSBI626	N
T-Mobile License LLC	D37173	SWAIN, NC	2	0010206629	WSBI627	N
T-Mobile License LLC	D37173	SWAIN, NC	3	0010206629	WSBI628	N
T-Mobile License LLC	D37175	TRANSYLVANIA, NC	1	0010206629	WSBI629	N
T-Mobile License LLC	D37175	TRANSYLVANIA, NC	2	0010206629	WSBI630	N
T-Mobile License LLC	D37175	TRANSYLVANIA, NC	3	0010206629	WSBI631	N
T-Mobile License LLC	D37177	TYRRELL, NC	2	0010206629	WSBI632	N
T-Mobile License LLC	D37177	TYRRELL, NC	3	0010206629	WSBI633	N
T-Mobile License LLC	D37179	UNION, NC	1	0010206629	WSBI634	N
T-Mobile License LLC	D37179	UNION, NC	2	0010206629	WSBI635	N
T-Mobile License LLC	D37179	UNION, NC	3	0010206629	WSBI636	N
T-Mobile License LLC	D37181	VANCE, NC	1	0010206629	WSBI637	N
T-Mobile License LLC	D37181	VANCE, NC	2	0010206629	WSBI638	N
T-Mobile License LLC	D37181	VANCE, NC	3	0010206629	WSBI639	N
T-Mobile License LLC	D37183	WAKE, NC	1	0010206629	WSBI640	N
T-Mobile License LLC	D37183	WAKE, NC	2	0010206629	WSBI641	N

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T-Mobile License LLC	D37185	WARREN, NC	1	0010206629	WSBI642	N
T-Mobile License LLC	D37185	WARREN, NC	2	0010206629	WSBI643	N
T-Mobile License LLC	D37185	WARREN, NC	3	0010206629	WSBI644	N
T-Mobile License LLC	D37187	WASHINGTON, NC	1	0010206629	WSBI645	N
T-Mobile License LLC	D37187	WASHINGTON, NC	2	0010206629	WSBI646	N
T-Mobile License LLC	D37187	WASHINGTON, NC	3	0010206629	WSBI647	N
T-Mobile License LLC	D37189	WATAUGA, NC	1	0010206629	WSBI648	N
T-Mobile License LLC	D37189	WATAUGA, NC	2	0010206629	WSBI649	N
T-Mobile License LLC	D37189	WATAUGA, NC	3	0010206629	WSBI650	N
T-Mobile License LLC	D37191	WAYNE, NC	1	0010206629	WSBI651	N
T-Mobile License LLC	D37191	WAYNE, NC	2	0010206629	WSBI652	N
T-Mobile License LLC	D37191	WAYNE, NC	3	0010206629	WSBI653	N
T-Mobile License LLC	D37193	WILKES, NC	2	0010206629	WSBI654	N
T-Mobile License LLC	D37193	WILKES, NC	3	0010206629	WSBI655	N
T-Mobile License LLC	D37195	WILSON, NC	1	0010206629	WSBI656	N
T-Mobile License LLC	D37195	WILSON, NC	2	0010206629	WSBI657	N
T-Mobile License LLC	D37195	WILSON, NC	3	0010206629	WSBI658	N
T-Mobile License LLC	D37197	YADKIN, NC	1	0010206629	WSBI659	N
T-Mobile License LLC	D37197	YADKIN, NC	2	0010206629	WSBI660	N
T-Mobile License LLC	D37197	YADKIN, NC	3	0010206629	WSBI661	N
T-Mobile License LLC	D37199	YANCEY, NC	1	0010206629	WSBI662	N
T-Mobile License LLC	D37199	YANCEY, NC	2	0010206629	WSBI663	N
T-Mobile License LLC	D37199	YANCEY, NC	3	0010206629	WSBI664	N
T-Mobile License LLC	D38001	ADAMS, ND	1	0010206629	WSBI665	N
T-Mobile License LLC	D38001	ADAMS, ND	2	0010206629	WSBI666	N
T-Mobile License LLC	D38001	ADAMS, ND	3	0010206629	WSBI667	N
T-Mobile License LLC	D38003	BARNES, ND	2	0010206629	WSBI668	N
T-Mobile License LLC	D38003	BARNES, ND	3	0010206629	WSBI669	N
T-Mobile License LLC	D38005	BENSON, ND	1	0010206629	WSBI670	N
T-Mobile License LLC	D38005	BENSON, ND	2	0010206629	WSBI671	N
T-Mobile License LLC	D38005	BENSON, ND	3	0010206629	WSBI672	N
T-Mobile License LLC	D38007	BILLINGS, ND	1	0010206629	WSBI673	N
T-Mobile License LLC	D38007	BILLINGS, ND	2	0010206629	WSBI674	N
T-Mobile License LLC	D38007	BILLINGS, ND	3	0010206629	WSBI675	N
T-Mobile License LLC	D38009	BOTTINEAU, ND	1	0010206629	WSBI676	N
T-Mobile License LLC	D38009	BOTTINEAU, ND	2	0010206629	WSBI677	N
T-Mobile License LLC	D38009	BOTTINEAU, ND	3	0010206629	WSBI678	N
T-Mobile License LLC	D38011	BOWMAN, ND	1	0010206629	WSBI679	N
T-Mobile License LLC	D38011	BOWMAN, ND	2	0010206629	WSBI680	N
T-Mobile License LLC	D38011	BOWMAN, ND	3	0010206629	WSBI681	N
T-Mobile License LLC	D38013	BURKE, ND	1	0010206629	WSBI682	N
T-Mobile License LLC	D38013	BURKE, ND	2	0010206629	WSBI683	N
T-Mobile License LLC	D38013	BURKE, ND	3	0010206629	WSBI684	N
T-Mobile License LLC	D38015	BURLEIGH, ND	2	0010206629	WSBI685	N
T-Mobile License LLC	D38015	BURLEIGH, ND	3	0010206629	WSBI686	N
T-Mobile License LLC	D38017	CASS, ND	1	0010206629	WSBI687	N
T-Mobile License LLC	D38017	CASS, ND	2	0010206629	WSBI688	N
T-Mobile License LLC	D38019	CAVALIER, ND	1	0010206629	WSBI689	N
T-Mobile License LLC	D38019	CAVALIER, ND	2	0010206629	WSBI690	N
T-Mobile License LLC	D38019	CAVALIER, ND	3	0010206629	WSBI691	N
T-Mobile License LLC	D38021	DICKEY, ND	1	0010206629	WSBI692	N
T-Mobile License LLC	D38021	DICKEY, ND	2	0010206629	WSBI693	N
T-Mobile License LLC	D38021	DICKEY, ND	3	0010206629	WSBI694	N
T-Mobile License LLC	D38023	DIVIDE, ND	1	0010206629	WSBI695	N
T-Mobile License LLC	D38023	DIVIDE, ND	2	0010206629	WSBI696	N
T-Mobile License LLC	D38023	DIVIDE, ND	3	0010206629	WSBI697	N

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T-Mobile License LLC	D38025	DUNN, ND	1	0010206629	WSBI698	N
T-Mobile License LLC	D38025	DUNN, ND	2	0010206629	WSBI699	N
T-Mobile License LLC	D38025	DUNN, ND	3	0010206629	WSBI700	N
T-Mobile License LLC	D38027	EDDY, ND	1	0010206629	WSBI701	N
T-Mobile License LLC	D38027	EDDY, ND	2	0010206629	WSBI702	N
T-Mobile License LLC	D38027	EDDY, ND	3	0010206629	WSBI703	N
T-Mobile License LLC	D38029	EMMONS, ND	2	0010206629	WSBI704	N
T-Mobile License LLC	D38029	EMMONS, ND	3	0010206629	WSBI705	N
T-Mobile License LLC	D38031	FOSTER, ND	1	0010206629	WSBI706	N
T-Mobile License LLC	D38031	FOSTER, ND	2	0010206629	WSBI707	N
T-Mobile License LLC	D38031	FOSTER, ND	3	0010206629	WSBI708	N
T-Mobile License LLC	D38033	GOLDEN VALLEY, ND	1	0010206629	WSBI709	N
T-Mobile License LLC	D38033	GOLDEN VALLEY, ND	2	0010206629	WSBI710	N
T-Mobile License LLC	D38033	GOLDEN VALLEY, ND	3	0010206629	WSBI711	N
T-Mobile License LLC	D38035	GRAND FORKS, ND	1	0010206629	WSBI712	N
T-Mobile License LLC	D38035	GRAND FORKS, ND	2	0010206629	WSBI713	N
T-Mobile License LLC	D38035	GRAND FORKS, ND	3	0010206629	WSBI714	N
T-Mobile License LLC	D38037	GRANT, ND	2	0010206629	WSBI715	N
T-Mobile License LLC	D38037	GRANT, ND	3	0010206629	WSBI716	N
T-Mobile License LLC	D38039	GRIGGS, ND	2	0010206629	WSBI717	N
T-Mobile License LLC	D38039	GRIGGS, ND	3	0010206629	WSBI718	N
T-Mobile License LLC	D38041	HETTINGER, ND	1	0010206629	WSBI719	N
T-Mobile License LLC	D38041	HETTINGER, ND	2	0010206629	WSBI720	N
T-Mobile License LLC	D38041	HETTINGER, ND	3	0010206629	WSBI721	N
T-Mobile License LLC	D38043	KIDDER, ND	2	0010206629	WSBI722	N
T-Mobile License LLC	D38043	KIDDER, ND	3	0010206629	WSBI723	N
T-Mobile License LLC	D38045	LAMOURE, ND	1	0010206629	WSBI724	N
T-Mobile License LLC	D38045	LAMOURE, ND	2	0010206629	WSBI725	N
T-Mobile License LLC	D38045	LAMOURE, ND	3	0010206629	WSBI726	N
T-Mobile License LLC	D38047	LOGAN, ND	2	0010206629	WSBI727	N
T-Mobile License LLC	D38047	LOGAN, ND	3	0010206629	WSBI728	N
T-Mobile License LLC	D38049	MCHENRY, ND	1	0010206629	WSBI729	N
T-Mobile License LLC	D38049	MCHENRY, ND	2	0010206629	WSBI730	N
T-Mobile License LLC	D38049	MCHENRY, ND	3	0010206629	WSBI731	N
T-Mobile License LLC	D38051	MCINTOSH, ND	2	0010206629	WSBI732	N
T-Mobile License LLC	D38051	MCINTOSH, ND	3	0010206629	WSBI733	N
T-Mobile License LLC	D38053	MCKENZIE, ND	1	0010206629	WSBI734	N
T-Mobile License LLC	D38053	MCKENZIE, ND	2	0010206629	WSBI735	N
T-Mobile License LLC	D38053	MCKENZIE, ND	3	0010206629	WSBI736	N
T-Mobile License LLC	D38055	MCLEAN, ND	1	0010206629	WSBI737	N
T-Mobile License LLC	D38055	MCLEAN, ND	2	0010206629	WSBI738	N
T-Mobile License LLC	D38055	MCLEAN, ND	3	0010206629	WSBI739	N
T-Mobile License LLC	D38057	MERCER, ND	2	0010206629	WSBI740	N
T-Mobile License LLC	D38057	MERCER, ND	3	0010206629	WSBI741	N
T-Mobile License LLC	D38059	MORTON, ND	1	0010206629	WSBI742	N
T-Mobile License LLC	D38059	MORTON, ND	2	0010206629	WSBI743	N
T-Mobile License LLC	D38061	MOUNTRAIL, ND	1	0010206629	WSBI744	N
T-Mobile License LLC	D38061	MOUNTRAIL, ND	2	0010206629	WSBI745	N
T-Mobile License LLC	D38061	MOUNTRAIL, ND	3	0010206629	WSBI746	N
T-Mobile License LLC	D38063	NELSON, ND	1	0010206629	WSBI747	N
T-Mobile License LLC	D38063	NELSON, ND	2	0010206629	WSBI748	N
T-Mobile License LLC	D38063	NELSON, ND	3	0010206629	WSBI749	N
T-Mobile License LLC	D38065	OLIVER, ND	2	0010206629	WSBI750	N
T-Mobile License LLC	D38065	OLIVER, ND	3	0010206629	WSBI751	N
T-Mobile License LLC	D38067	PEMBINA, ND	1	0010206629	WSBI752	N
T-Mobile License LLC	D38067	PEMBINA, ND	2	0010206629	WSBI753	N

ATTACHMENT B
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T-Mobile License LLC	D38067	PEMBINA, ND	3	0010206629	WSBI754	N
T-Mobile License LLC	D38069	PIERCE, ND	1	0010206629	WSBI755	N
T-Mobile License LLC	D38069	PIERCE, ND	2	0010206629	WSBI756	N
T-Mobile License LLC	D38069	PIERCE, ND	3	0010206629	WSBI757	N
T-Mobile License LLC	D38071	RAMSEY, ND	1	0010206629	WSBI758	N
T-Mobile License LLC	D38071	RAMSEY, ND	2	0010206629	WSBI759	N
T-Mobile License LLC	D38071	RAMSEY, ND	3	0010206629	WSBI760	N
T-Mobile License LLC	D38073	RANSOM, ND	1	0010206629	WSBI761	N
T-Mobile License LLC	D38073	RANSOM, ND	2	0010206629	WSBI762	N
T-Mobile License LLC	D38073	RANSOM, ND	3	0010206629	WSBI763	N
T-Mobile License LLC	D38075	RENVILLE, ND	1	0010206629	WSBI764	N
T-Mobile License LLC	D38075	RENVILLE, ND	2	0010206629	WSBI765	N
T-Mobile License LLC	D38075	RENVILLE, ND	3	0010206629	WSBI766	N
T-Mobile License LLC	D38077	RICHLAND, ND	1	0010206629	WSBI767	N
T-Mobile License LLC	D38077	RICHLAND, ND	2	0010206629	WSBI768	N
T-Mobile License LLC	D38077	RICHLAND, ND	3	0010206629	WSBI769	N
T-Mobile License LLC	D38079	ROLETTE, ND	1	0010206629	WSBI770	N
T-Mobile License LLC	D38079	ROLETTE, ND	2	0010206629	WSBI771	N
T-Mobile License LLC	D38079	ROLETTE, ND	3	0010206629	WSBI772	N
T-Mobile License LLC	D38081	SARGENT, ND	1	0010206629	WSBI773	N
T-Mobile License LLC	D38081	SARGENT, ND	2	0010206629	WSBI774	N
T-Mobile License LLC	D38081	SARGENT, ND	3	0010206629	WSBI775	N
T-Mobile License LLC	D38083	SHERIDAN, ND	1	0010206629	WSBI776	N
T-Mobile License LLC	D38083	SHERIDAN, ND	2	0010206629	WSBI777	N
T-Mobile License LLC	D38083	SHERIDAN, ND	3	0010206629	WSBI778	N
T-Mobile License LLC	D38087	SLOPE, ND	1	0010206629	WSBI779	N
T-Mobile License LLC	D38087	SLOPE, ND	2	0010206629	WSBI780	N
T-Mobile License LLC	D38087	SLOPE, ND	3	0010206629	WSBI781	N
T-Mobile License LLC	D38089	STARK, ND	1	0010206629	WSBI782	N
T-Mobile License LLC	D38089	STARK, ND	2	0010206629	WSBI783	N
T-Mobile License LLC	D38089	STARK, ND	3	0010206629	WSBI784	N
T-Mobile License LLC	D38091	STEELE, ND	2	0010206629	WSBI785	N
T-Mobile License LLC	D38091	STEELE, ND	3	0010206629	WSBI786	N
T-Mobile License LLC	D38093	STUTSMAN, ND	1	0010206629	WSBI787	N
T-Mobile License LLC	D38093	STUTSMAN, ND	2	0010206629	WSBI788	N
T-Mobile License LLC	D38093	STUTSMAN, ND	3	0010206629	WSBI789	N
T-Mobile License LLC	D38095	TOWNER, ND	1	0010206629	WSBI790	N
T-Mobile License LLC	D38095	TOWNER, ND	2	0010206629	WSBI791	N
T-Mobile License LLC	D38095	TOWNER, ND	3	0010206629	WSBI792	N
T-Mobile License LLC	D38097	TRAILL, ND	2	0010206629	WSBI793	N
T-Mobile License LLC	D38097	TRAILL, ND	3	0010206629	WSBI794	N
T-Mobile License LLC	D38099	WALSH, ND	2	0010206629	WSBI795	N
T-Mobile License LLC	D38099	WALSH, ND	3	0010206629	WSBI796	N
T-Mobile License LLC	D38101	WARD, ND	1	0010206629	WSBI797	N
T-Mobile License LLC	D38101	WARD, ND	2	0010206629	WSBI798	N
T-Mobile License LLC	D38101	WARD, ND	3	0010206629	WSBI799	N
T-Mobile License LLC	D38103	WELLS, ND	1	0010206629	WSBI800	N
T-Mobile License LLC	D38103	WELLS, ND	2	0010206629	WSBI801	N
T-Mobile License LLC	D38103	WELLS, ND	3	0010206629	WSBI802	N
T-Mobile License LLC	D38105	WILLIAMS, ND	1	0010206629	WSBI803	N
T-Mobile License LLC	D38105	WILLIAMS, ND	2	0010206629	WSBI804	N
T-Mobile License LLC	D38105	WILLIAMS, ND	3	0010206629	WSBI805	N
T-Mobile License LLC	D39001	ADAMS, OH	1	0010206629	WSBI806	N
T-Mobile License LLC	D39001	ADAMS, OH	2	0010206629	WSBI807	N
T-Mobile License LLC	D39001	ADAMS, OH	3	0010206629	WSBI808	N
T-Mobile License LLC	D39005	ASHLAND, OH	1	0010206629	WSBI809	N

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T-Mobile License LLC	D39005	ASHLAND, OH	2	0010206629	WSBI810	N
T-Mobile License LLC	D39005	ASHLAND, OH	3	0010206629	WSBI811	N
T-Mobile License LLC	D39009	ATHENS, OH	2	0010206629	WSBI812	N
T-Mobile License LLC	D39009	ATHENS, OH	3	0010206629	WSBI813	N
T-Mobile License LLC	D39013	BELMONT, OH	2	0010206629	WSBI814	N
T-Mobile License LLC	D39013	BELMONT, OH	3	0010206629	WSBI815	N
T-Mobile License LLC	D39015	BROWN, OH	1	0010206629	WSBI816	N
T-Mobile License LLC	D39015	BROWN, OH	2	0010206629	WSBI817	N
T-Mobile License LLC	D39015	BROWN, OH	3	0010206629	WSBI818	N
T-Mobile License LLC	D39019	CARROLL, OH	1	0010206629	WSBI819	N
T-Mobile License LLC	D39019	CARROLL, OH	2	0010206629	WSBI820	N
T-Mobile License LLC	D39019	CARROLL, OH	3	0010206629	WSBI821	N
T-Mobile License LLC	D39025	CLERMONT, OH	1	0010206629	WSBI822	N
T-Mobile License LLC	D39025	CLERMONT, OH	2	0010206629	WSBI823	N
T-Mobile License LLC	D39025	CLERMONT, OH	3	0010206629	WSBI824	N
T-Mobile License LLC	D39027	CLINTON, OH	1	0010206629	WSBI825	N
T-Mobile License LLC	D39027	CLINTON, OH	2	0010206629	WSBI826	N
T-Mobile License LLC	D39027	CLINTON, OH	3	0010206629	WSBI827	N
T-Mobile License LLC	D39031	COSHOCTON, OH	2	0010206629	WSBI828	N
T-Mobile License LLC	D39031	COSHOCTON, OH	3	0010206629	WSBI829	N
T-Mobile License LLC	D39037	DARKE, OH	1	0010206629	WSBI830	N
T-Mobile License LLC	D39037	DARKE, OH	2	0010206629	WSBI831	N
T-Mobile License LLC	D39037	DARKE, OH	3	0010206629	WSBI832	N
T-Mobile License LLC	D39039	DEFIANCE, OH	2	0010206629	WSBI833	N
T-Mobile License LLC	D39039	DEFIANCE, OH	3	0010206629	WSBI834	N
T-Mobile License LLC	D39043	ERIE, OH	2	0010206629	WSBI835	N
T-Mobile License LLC	D39043	ERIE, OH	3	0010206629	WSBI836	N
T-Mobile License LLC	D39045	FAIRFIELD, OH	1	0010206629	WSBI837	N
T-Mobile License LLC	D39045	FAIRFIELD, OH	2	0010206629	WSBI838	N
T-Mobile License LLC	D39045	FAIRFIELD, OH	3	0010206629	WSBI839	N
T-Mobile License LLC	D39047	FAYETTE, OH	1	0010206629	WSBI840	N
T-Mobile License LLC	D39047	FAYETTE, OH	2	0010206629	WSBI841	N
T-Mobile License LLC	D39047	FAYETTE, OH	3	0010206629	WSBI842	N
T-Mobile License LLC	D39051	FULTON, OH	1	0010206629	WSBI843	N
T-Mobile License LLC	D39051	FULTON, OH	2	0010206629	WSBI844	N
T-Mobile License LLC	D39051	FULTON, OH	3	0010206629	WSBI845	N
T-Mobile License LLC	D39053	GALLIA, OH	1	0010206629	WSBI846	N
T-Mobile License LLC	D39053	GALLIA, OH	2	0010206629	WSBI847	N
T-Mobile License LLC	D39053	GALLIA, OH	3	0010206629	WSBI848	N
T-Mobile License LLC	D39059	GUERNSEY, OH	2	0010206629	WSBI849	N
T-Mobile License LLC	D39059	GUERNSEY, OH	3	0010206629	WSBI850	N
T-Mobile License LLC	D39061	HAMILTON, OH	1	0010206629	WSBI851	N
T-Mobile License LLC	D39061	HAMILTON, OH	2	0010206629	WSBI852	N
T-Mobile License LLC	D39063	HANCOCK, OH	2	0010206629	WSBI853	N
T-Mobile License LLC	D39063	HANCOCK, OH	3	0010206629	WSBI854	N
T-Mobile License LLC	D39067	HARRISON, OH	2	0010206629	WSBI855	N
T-Mobile License LLC	D39067	HARRISON, OH	3	0010206629	WSBI856	N
T-Mobile License LLC	D39069	HENRY, OH	1	0010206629	WSBI857	N
T-Mobile License LLC	D39069	HENRY, OH	2	0010206629	WSBI858	N
T-Mobile License LLC	D39069	HENRY, OH	3	0010206629	WSBI859	N
T-Mobile License LLC	D39071	HIGHLAND, OH	1	0010206629	WSBI860	N
T-Mobile License LLC	D39071	HIGHLAND, OH	2	0010206629	WSBI861	N
T-Mobile License LLC	D39071	HIGHLAND, OH	3	0010206629	WSBI862	N
T-Mobile License LLC	D39073	HOCKING, OH	2	0010206629	WSBI863	N
T-Mobile License LLC	D39073	HOCKING, OH	3	0010206629	WSBI864	N
T-Mobile License LLC	D39075	HOLMES, OH	2	0010206629	WSBI865	N

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T-Mobile License LLC	D39075	HOLMES, OH	3	0010206629	WSBI866	N
T-Mobile License LLC	D39077	HURON, OH	1	0010206629	WSBI867	N
T-Mobile License LLC	D39077	HURON, OH	2	0010206629	WSBI868	N
T-Mobile License LLC	D39077	HURON, OH	3	0010206629	WSBI869	N
T-Mobile License LLC	D39079	JACKSON, OH	1	0010206629	WSBI870	N
T-Mobile License LLC	D39079	JACKSON, OH	2	0010206629	WSBI871	N
T-Mobile License LLC	D39079	JACKSON, OH	3	0010206629	WSBI872	N
T-Mobile License LLC	D39081	JEFFERSON, OH	1	0010206629	WSBI873	N
T-Mobile License LLC	D39081	JEFFERSON, OH	2	0010206629	WSBI874	N
T-Mobile License LLC	D39081	JEFFERSON, OH	3	0010206629	WSBI875	N
T-Mobile License LLC	D39083	KNOX, OH	1	0010206629	WSBI876	N
T-Mobile License LLC	D39083	KNOX, OH	2	0010206629	WSBI877	N
T-Mobile License LLC	D39083	KNOX, OH	3	0010206629	WSBI878	N
T-Mobile License LLC	D39085	LAKE, OH	1	0010206629	WSBI879	N
T-Mobile License LLC	D39085	LAKE, OH	2	0010206629	WSBI880	N
T-Mobile License LLC	D39085	LAKE, OH	3	0010206629	WSBI881	N
T-Mobile License LLC	D39087	LAWRENCE, OH	1	0010206629	WSBI882	N
T-Mobile License LLC	D39087	LAWRENCE, OH	2	0010206629	WSBI883	N
T-Mobile License LLC	D39087	LAWRENCE, OH	3	0010206629	WSBI884	N
T-Mobile License LLC	D39089	LICKING, OH	1	0010206629	WSBI885	N
T-Mobile License LLC	D39089	LICKING, OH	2	0010206629	WSBI886	N
T-Mobile License LLC	D39089	LICKING, OH	3	0010206629	WSBI887	N
T-Mobile License LLC	D39093	LORAIN, OH	1	0010206629	WSBI888	N
T-Mobile License LLC	D39093	LORAIN, OH	2	0010206629	WSBI889	N
T-Mobile License LLC	D39093	LORAIN, OH	3	0010206629	WSBI890	N
T-Mobile License LLC	D39097	MADISON, OH	1	0010206629	WSBI891	N
T-Mobile License LLC	D39097	MADISON, OH	2	0010206629	WSBI892	N
T-Mobile License LLC	D39097	MADISON, OH	3	0010206629	WSBI893	N
T-Mobile License LLC	D39103	MEDINA, OH	1	0010206629	WSBI894	N
T-Mobile License LLC	D39103	MEDINA, OH	2	0010206629	WSBI895	N
T-Mobile License LLC	D39105	MEIGS, OH	1	0010206629	WSBI896	N
T-Mobile License LLC	D39105	MEIGS, OH	2	0010206629	WSBI897	N
T-Mobile License LLC	D39105	MEIGS, OH	3	0010206629	WSBI898	N
T-Mobile License LLC	D39107	MERCER, OH	1	0010206629	WSBI899	N
T-Mobile License LLC	D39107	MERCER, OH	2	0010206629	WSBI900	N
T-Mobile License LLC	D39107	MERCER, OH	3	0010206629	WSBI901	N
T-Mobile License LLC	D39111	MONROE, OH	1	0010206629	WSBI902	N
T-Mobile License LLC	D39111	MONROE, OH	2	0010206629	WSBI903	N
T-Mobile License LLC	D39111	MONROE, OH	3	0010206629	WSBI904	N
T-Mobile License LLC	D39115	MORGAN, OH	1	0010206629	WSBI905	N
T-Mobile License LLC	D39115	MORGAN, OH	2	0010206629	WSBI906	N
T-Mobile License LLC	D39115	MORGAN, OH	3	0010206629	WSBI907	N
T-Mobile License LLC	D39117	MORROW, OH	1	0010206629	WSBI908	N
T-Mobile License LLC	D39117	MORROW, OH	2	0010206629	WSBI909	N
T-Mobile License LLC	D39117	MORROW, OH	3	0010206629	WSBI910	N
T-Mobile License LLC	D39119	MUSKINGUM, OH	2	0010206629	WSBI911	N
T-Mobile License LLC	D39119	MUSKINGUM, OH	3	0010206629	WSBI912	N
T-Mobile License LLC	D39121	NOBLE, OH	1	0010206629	WSBI913	N
T-Mobile License LLC	D39121	NOBLE, OH	2	0010206629	WSBI914	N
T-Mobile License LLC	D39121	NOBLE, OH	3	0010206629	WSBI915	N
T-Mobile License LLC	D39123	OTTAWA, OH	1	0010206629	WSBI916	N
T-Mobile License LLC	D39123	OTTAWA, OH	2	0010206629	WSBI917	N
T-Mobile License LLC	D39123	OTTAWA, OH	3	0010206629	WSBI918	N
T-Mobile License LLC	D39125	PAULDING, OH	2	0010206629	WSBI919	N
T-Mobile License LLC	D39125	PAULDING, OH	3	0010206629	WSBI920	N
T-Mobile License LLC	D39127	PERRY, OH	2	0010206629	WSBI921	N

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T-Mobile License LLC	D39127	PERRY, OH	3	0010206629	WSBI922	N
T-Mobile License LLC	D39129	PICKAWAY, OH	1	0010206629	WSBI923	N
T-Mobile License LLC	D39129	PICKAWAY, OH	2	0010206629	WSBI924	N
T-Mobile License LLC	D39129	PICKAWAY, OH	3	0010206629	WSBI925	N
T-Mobile License LLC	D39131	PIKE, OH	1	0010206629	WSBI926	N
T-Mobile License LLC	D39131	PIKE, OH	2	0010206629	WSBI927	N
T-Mobile License LLC	D39131	PIKE, OH	3	0010206629	WSBI928	N
T-Mobile License LLC	D39139	RICHLAND, OH	1	0010206629	WSBI929	N
T-Mobile License LLC	D39139	RICHLAND, OH	2	0010206629	WSBI930	N
T-Mobile License LLC	D39139	RICHLAND, OH	3	0010206629	WSBI931	N
T-Mobile License LLC	D39141	ROSS, OH	1	0010206629	WSBI932	N
T-Mobile License LLC	D39141	ROSS, OH	2	0010206629	WSBI933	N
T-Mobile License LLC	D39141	ROSS, OH	3	0010206629	WSBI934	N
T-Mobile License LLC	D39143	SANDUSKY, OH	3	0010206629	WSBI935	N
T-Mobile License LLC	D39145	SCIOTO, OH	1	0010206629	WSBI936	N
T-Mobile License LLC	D39145	SCIOTO, OH	2	0010206629	WSBI937	N
T-Mobile License LLC	D39145	SCIOTO, OH	3	0010206629	WSBI938	N
T-Mobile License LLC	D39151	STARK, OH	2	0010206629	WSBI939	N
T-Mobile License LLC	D39151	STARK, OH	3	0010206629	WSBI940	N
T-Mobile License LLC	D39157	TUSCARAWAS, OH	1	0010206629	WSBI941	N
T-Mobile License LLC	D39157	TUSCARAWAS, OH	2	0010206629	WSBI942	N
T-Mobile License LLC	D39157	TUSCARAWAS, OH	3	0010206629	WSBI943	N
T-Mobile License LLC	D39163	VINTON, OH	2	0010206629	WSBI944	N
T-Mobile License LLC	D39163	VINTON, OH	3	0010206629	WSBI945	N
T-Mobile License LLC	D39167	WASHINGTON, OH	1	0010206629	WSBI946	N
T-Mobile License LLC	D39167	WASHINGTON, OH	2	0010206629	WSBI947	N
T-Mobile License LLC	D39167	WASHINGTON, OH	3	0010206629	WSBI948	N
T-Mobile License LLC	D39169	WAYNE, OH	1	0010206629	WSBI949	N
T-Mobile License LLC	D39169	WAYNE, OH	2	0010206629	WSBI950	N
T-Mobile License LLC	D39169	WAYNE, OH	3	0010206629	WSBI951	N
T-Mobile License LLC	D39171	WILLIAMS, OH	1	0010206629	WSBI952	N
T-Mobile License LLC	D39171	WILLIAMS, OH	2	0010206629	WSBI953	N
T-Mobile License LLC	D39171	WILLIAMS, OH	3	0010206629	WSBI954	N
T-Mobile License LLC	D39173	WOOD, OH	1	0010206629	WSBI955	N
T-Mobile License LLC	D39173	WOOD, OH	2	0010206629	WSBI956	N
T-Mobile License LLC	D39173	WOOD, OH	3	0010206629	WSBI957	N
T-Mobile License LLC	D40001	ADAIR, OK	1	0010206629	WSBI958	N
T-Mobile License LLC	D40001	ADAIR, OK	2	0010206629	WSBI959	N
T-Mobile License LLC	D40001	ADAIR, OK	3	0010206629	WSBI960	N
T-Mobile License LLC	D40007	BEAVER, OK	1	0010206629	WSBI961	N
T-Mobile License LLC	D40007	BEAVER, OK	2	0010206629	WSBI962	N
T-Mobile License LLC	D40009	BECKHAM, OK	1	0010206629	WSBI963	N
T-Mobile License LLC	D40009	BECKHAM, OK	2	0010206629	WSBI964	N
T-Mobile License LLC	D40009	BECKHAM, OK	3	0010206629	WSBI965	N
T-Mobile License LLC	D40013	BRYAN, OK	2	0010206629	WSBI966	N
T-Mobile License LLC	D40013	BRYAN, OK	3	0010206629	WSBI967	N
T-Mobile License LLC	D40015	CADDO, OK	1	0010206629	WSBI968	N
T-Mobile License LLC	D40015	CADDO, OK	2	0010206629	WSBI969	N
T-Mobile License LLC	D40015	CADDO, OK	3	0010206629	WSBI970	N
T-Mobile License LLC	D40021	CHEROKEE, OK	1	0010206629	WSBI971	N
T-Mobile License LLC	D40021	CHEROKEE, OK	2	0010206629	WSBI972	N
T-Mobile License LLC	D40021	CHEROKEE, OK	3	0010206629	WSBI973	N
T-Mobile License LLC	D40023	CHOCTAW, OK	2	0010206629	WSBI974	N
T-Mobile License LLC	D40023	CHOCTAW, OK	3	0010206629	WSBI975	N
T-Mobile License LLC	D40025	CIMARRON, OK	1	0010206629	WSBI976	N
T-Mobile License LLC	D40025	CIMARRON, OK	2	0010206629	WSBI977	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D40031	COMANCHE, OK	1	0010206629	WSBI978	N
T-Mobile License LLC	D40031	COMANCHE, OK	2	0010206629	WSBI979	N
T-Mobile License LLC	D40031	COMANCHE, OK	3	0010206629	WSBI980	N
T-Mobile License LLC	D40033	COTTON, OK	1	0010206629	WSBI981	N
T-Mobile License LLC	D40033	COTTON, OK	2	0010206629	WSBI982	N
T-Mobile License LLC	D40033	COTTON, OK	3	0010206629	WSBI983	N
T-Mobile License LLC	D40035	CRAIG, OK	1	0010206629	WSBI984	N
T-Mobile License LLC	D40035	CRAIG, OK	2	0010206629	WSBI985	N
T-Mobile License LLC	D40035	CRAIG, OK	3	0010206629	WSBI986	N
T-Mobile License LLC	D40041	DELAWARE, OK	3	0010206629	WSBI987	N
T-Mobile License LLC	D40045	ELLIS, OK	1	0010206629	WSBI988	N
T-Mobile License LLC	D40045	ELLIS, OK	2	0010206629	WSBI989	N
T-Mobile License LLC	D40051	GRADY, OK	1	0010206629	WSBI990	N
T-Mobile License LLC	D40051	GRADY, OK	2	0010206629	WSBI991	N
T-Mobile License LLC	D40051	GRADY, OK	3	0010206629	WSBI992	N
T-Mobile License LLC	D40055	GREER, OK	1	0010206629	WSBI993	N
T-Mobile License LLC	D40055	GREER, OK	2	0010206629	WSBI994	N
T-Mobile License LLC	D40055	GREER, OK	3	0010206629	WSBI995	N
T-Mobile License LLC	D40057	HARMON, OK	1	0010206629	WSBI996	N
T-Mobile License LLC	D40057	HARMON, OK	2	0010206629	WSBI997	N
T-Mobile License LLC	D40057	HARMON, OK	3	0010206629	WSBI998	N
T-Mobile License LLC	D40065	JACKSON, OK	1	0010206629	WSBI999	N
T-Mobile License LLC	D40065	JACKSON, OK	2	0010206629	WSBJ200	N
T-Mobile License LLC	D40065	JACKSON, OK	3	0010206629	WSBJ201	N
T-Mobile License LLC	D40067	JEFFERSON, OK	3	0010206629	WSBJ202	N
T-Mobile License LLC	D40071	KAY, OK	1	0010206629	WSBJ203	N
T-Mobile License LLC	D40071	KAY, OK	2	0010206629	WSBJ204	N
T-Mobile License LLC	D40071	KAY, OK	3	0010206629	WSBJ205	N
T-Mobile License LLC	D40073	KINGFISHER, OK	1	0010206629	WSBJ206	N
T-Mobile License LLC	D40073	KINGFISHER, OK	2	0010206629	WSBJ207	N
T-Mobile License LLC	D40073	KINGFISHER, OK	3	0010206629	WSBJ208	N
T-Mobile License LLC	D40075	KIOWA, OK	1	0010206629	WSBJ209	N
T-Mobile License LLC	D40075	KIOWA, OK	2	0010206629	WSBJ210	N
T-Mobile License LLC	D40075	KIOWA, OK	3	0010206629	WSBJ211	N
T-Mobile License LLC	D40081	LINCOLN, OK	1	0010206629	WSBJ212	N
T-Mobile License LLC	D40081	LINCOLN, OK	2	0010206629	WSBJ213	N
T-Mobile License LLC	D40081	LINCOLN, OK	3	0010206629	WSBJ214	N
T-Mobile License LLC	D40083	LOGAN, OK	1	0010206629	WSBJ215	N
T-Mobile License LLC	D40083	LOGAN, OK	2	0010206629	WSBJ216	N
T-Mobile License LLC	D40083	LOGAN, OK	3	0010206629	WSBJ217	N
T-Mobile License LLC	D40091	MCINTOSH, OK	2	0010206629	WSBJ218	N
T-Mobile License LLC	D40091	MCINTOSH, OK	3	0010206629	WSBJ219	N
T-Mobile License LLC	D40097	MAYES, OK	1	0010206629	WSBJ220	N
T-Mobile License LLC	D40097	MAYES, OK	2	0010206629	WSBJ221	N
T-Mobile License LLC	D40097	MAYES, OK	3	0010206629	WSBJ222	N
T-Mobile License LLC	D40101	MUSKOGEE, OK	1	0010206629	WSBJ223	N
T-Mobile License LLC	D40101	MUSKOGEE, OK	2	0010206629	WSBJ224	N
T-Mobile License LLC	D40101	MUSKOGEE, OK	3	0010206629	WSBJ225	N
T-Mobile License LLC	D40103	NOBLE, OK	1	0010206629	WSBJ226	N
T-Mobile License LLC	D40103	NOBLE, OK	2	0010206629	WSBJ227	N
T-Mobile License LLC	D40103	NOBLE, OK	3	0010206629	WSBJ228	N
T-Mobile License LLC	D40105	NOWATA, OK	1	0010206629	WSBJ229	N
T-Mobile License LLC	D40105	NOWATA, OK	2	0010206629	WSBJ230	N
T-Mobile License LLC	D40115	OTTAWA, OK	1	0010206629	WSBJ231	N
T-Mobile License LLC	D40115	OTTAWA, OK	2	0010206629	WSBJ232	N
T-Mobile License LLC	D40115	OTTAWA, OK	3	0010206629	WSBJ233	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
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T-Mobile License LLC	D40117	PAWNEE, OK	2	0010206629	WSBJ234	N
T-Mobile License LLC	D40117	PAWNEE, OK	3	0010206629	WSBJ235	N
T-Mobile License LLC	D40131	ROGERS, OK	1	0010206629	WSBJ236	N
T-Mobile License LLC	D40131	ROGERS, OK	2	0010206629	WSBJ237	N
T-Mobile License LLC	D40131	ROGERS, OK	3	0010206629	WSBJ238	N
T-Mobile License LLC	D40133	SEMINOLE, OK	1	0010206629	WSBJ239	N
T-Mobile License LLC	D40133	SEMINOLE, OK	2	0010206629	WSBJ240	N
T-Mobile License LLC	D40135	SEQUOYAH, OK	2	0010206629	WSBJ241	N
T-Mobile License LLC	D40135	SEQUOYAH, OK	3	0010206629	WSBJ242	N
T-Mobile License LLC	D40137	STEPHENS, OK	1	0010206629	WSBJ243	N
T-Mobile License LLC	D40137	STEPHENS, OK	2	0010206629	WSBJ244	N
T-Mobile License LLC	D40137	STEPHENS, OK	3	0010206629	WSBJ245	N
T-Mobile License LLC	D40139	TEXAS, OK	1	0010206629	WSBJ246	N
T-Mobile License LLC	D40141	TILLMAN, OK	1	0010206629	WSBJ247	N
T-Mobile License LLC	D40141	TILLMAN, OK	2	0010206629	WSBJ248	N
T-Mobile License LLC	D40141	TILLMAN, OK	3	0010206629	WSBJ249	N
T-Mobile License LLC	D40145	WAGONER, OK	1	0010206629	WSBJ250	N
T-Mobile License LLC	D40145	WAGONER, OK	2	0010206629	WSBJ251	N
T-Mobile License LLC	D40145	WAGONER, OK	3	0010206629	WSBJ252	N
T-Mobile License LLC	D40147	WASHINGTON, OK	1	0010206629	WSBJ253	N
T-Mobile License LLC	D40147	WASHINGTON, OK	2	0010206629	WSBJ254	N
T-Mobile License LLC	D40149	WASHITA, OK	1	0010206629	WSBJ255	N
T-Mobile License LLC	D40149	WASHITA, OK	2	0010206629	WSBJ256	N
T-Mobile License LLC	D40149	WASHITA, OK	3	0010206629	WSBJ257	N
T-Mobile License LLC	D41001	BAKER, OR	1	0010206629	WSBJ258	N
T-Mobile License LLC	D41001	BAKER, OR	2	0010206629	WSBJ259	N
T-Mobile License LLC	D41001	BAKER, OR	3	0010206629	WSBJ260	N
T-Mobile License LLC	D41003	BENTON, OR	1	0010206629	WSBJ261	N
T-Mobile License LLC	D41003	BENTON, OR	2	0010206629	WSBJ262	N
T-Mobile License LLC	D41003	BENTON, OR	3	0010206629	WSBJ263	N
T-Mobile License LLC	D41005	CLACKAMAS, OR	1	0010206629	WSBJ264	N
T-Mobile License LLC	D41005	CLACKAMAS, OR	2	0010206629	WSBJ265	N
T-Mobile License LLC	D41005	CLACKAMAS, OR	3	0010206629	WSBJ266	N
T-Mobile License LLC	D41007	CLATSOP, OR	2	0010206629	WSBJ267	N
T-Mobile License LLC	D41007	CLATSOP, OR	3	0010206629	WSBJ268	N
T-Mobile License LLC	D41009	COLUMBIA, OR	1	0010206629	WSBJ269	N
T-Mobile License LLC	D41009	COLUMBIA, OR	2	0010206629	WSBJ270	N
T-Mobile License LLC	D41009	COLUMBIA, OR	3	0010206629	WSBJ271	N
T-Mobile License LLC	D41011	COOS, OR	2	0010206629	WSBJ272	N
T-Mobile License LLC	D41011	COOS, OR	3	0010206629	WSBJ273	N
T-Mobile License LLC	D41013	CROOK, OR	1	0010206629	WSBJ274	N
T-Mobile License LLC	D41013	CROOK, OR	2	0010206629	WSBJ275	N
T-Mobile License LLC	D41013	CROOK, OR	3	0010206629	WSBJ276	N
T-Mobile License LLC	D41015	CURRY, OR	1	0010206629	WSBJ277	N
T-Mobile License LLC	D41015	CURRY, OR	2	0010206629	WSBJ278	N
T-Mobile License LLC	D41015	CURRY, OR	3	0010206629	WSBJ279	N
T-Mobile License LLC	D41017	DESCHUTES, OR	1	0010206629	WSBJ280	N
T-Mobile License LLC	D41017	DESCHUTES, OR	2	0010206629	WSBJ281	N
T-Mobile License LLC	D41017	DESCHUTES, OR	3	0010206629	WSBJ282	N
T-Mobile License LLC	D41019	DOUGLAS, OR	2	0010206629	WSBJ283	N
T-Mobile License LLC	D41019	DOUGLAS, OR	3	0010206629	WSBJ284	N
T-Mobile License LLC	D41021	GILLIAM, OR	1	0010206629	WSBJ285	N
T-Mobile License LLC	D41021	GILLIAM, OR	2	0010206629	WSBJ286	N
T-Mobile License LLC	D41021	GILLIAM, OR	3	0010206629	WSBJ287	N
T-Mobile License LLC	D41023	GRANT, OR	1	0010206629	WSBJ288	N
T-Mobile License LLC	D41023	GRANT, OR	2	0010206629	WSBJ289	N

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T-Mobile License LLC	D41023	GRANT, OR	3	0010206629	WSBJ290	N
T-Mobile License LLC	D41025	HARNEY, OR	2	0010206629	WSBJ291	N
T-Mobile License LLC	D41025	HARNEY, OR	3	0010206629	WSBJ292	N
T-Mobile License LLC	D41027	HOOD RIVER, OR	1	0010206629	WSBJ293	N
T-Mobile License LLC	D41027	HOOD RIVER, OR	2	0010206629	WSBJ294	N
T-Mobile License LLC	D41027	HOOD RIVER, OR	3	0010206629	WSBJ295	N
T-Mobile License LLC	D41029	JACKSON, OR	1	0010206629	WSBJ296	N
T-Mobile License LLC	D41029	JACKSON, OR	2	0010206629	WSBJ297	N
T-Mobile License LLC	D41029	JACKSON, OR	3	0010206629	WSBJ298	N
T-Mobile License LLC	D41031	JEFFERSON, OR	1	0010206629	WSBJ299	N
T-Mobile License LLC	D41031	JEFFERSON, OR	2	0010206629	WSBJ300	N
T-Mobile License LLC	D41031	JEFFERSON, OR	3	0010206629	WSBJ301	N
T-Mobile License LLC	D41033	JOSEPHINE, OR	1	0010206629	WSBJ302	N
T-Mobile License LLC	D41033	JOSEPHINE, OR	2	0010206629	WSBJ303	N
T-Mobile License LLC	D41033	JOSEPHINE, OR	3	0010206629	WSBJ304	N
T-Mobile License LLC	D41035	KLAMATH, OR	2	0010206629	WSBJ305	N
T-Mobile License LLC	D41035	KLAMATH, OR	3	0010206629	WSBJ306	N
T-Mobile License LLC	D41037	LAKE, OR	1	0010206629	WSBJ307	N
T-Mobile License LLC	D41037	LAKE, OR	2	0010206629	WSBJ308	N
T-Mobile License LLC	D41037	LAKE, OR	3	0010206629	WSBJ309	N
T-Mobile License LLC	D41039	LANE, OR	1	0010206629	WSBJ310	N
T-Mobile License LLC	D41039	LANE, OR	2	0010206629	WSBJ311	N
T-Mobile License LLC	D41039	LANE, OR	3	0010206629	WSBJ312	N
T-Mobile License LLC	D41041	LINCOLN, OR	1	0010206629	WSBJ313	N
T-Mobile License LLC	D41041	LINCOLN, OR	2	0010206629	WSBJ314	N
T-Mobile License LLC	D41041	LINCOLN, OR	3	0010206629	WSBJ315	N
T-Mobile License LLC	D41043	LINN, OR	1	0010206629	WSBJ316	N
T-Mobile License LLC	D41043	LINN, OR	2	0010206629	WSBJ317	N
T-Mobile License LLC	D41043	LINN, OR	3	0010206629	WSBJ318	N
T-Mobile License LLC	D41045	MALHEUR, OR	2	0010206629	WSBJ319	N
T-Mobile License LLC	D41045	MALHEUR, OR	3	0010206629	WSBJ320	N
T-Mobile License LLC	D41047	MARION, OR	1	0010206629	WSBJ321	N
T-Mobile License LLC	D41047	MARION, OR	2	0010206629	WSBJ322	N
T-Mobile License LLC	D41047	MARION, OR	3	0010206629	WSBJ323	N
T-Mobile License LLC	D41049	MORROW, OR	1	0010206629	WSBJ324	N
T-Mobile License LLC	D41049	MORROW, OR	2	0010206629	WSBJ325	N
T-Mobile License LLC	D41049	MORROW, OR	3	0010206629	WSBJ326	N
T-Mobile License LLC	D41051	MULTNOMAH, OR	1	0010206629	WSBJ327	N
T-Mobile License LLC	D41051	MULTNOMAH, OR	2	0010206629	WSBJ328	N
T-Mobile License LLC	D41051	MULTNOMAH, OR	3	0010206629	WSBJ329	N
T-Mobile License LLC	D41055	SHERMAN, OR	1	0010206629	WSBJ330	N
T-Mobile License LLC	D41055	SHERMAN, OR	2	0010206629	WSBJ331	N
T-Mobile License LLC	D41055	SHERMAN, OR	3	0010206629	WSBJ332	N
T-Mobile License LLC	D41057	TILLAMOOK, OR	2	0010206629	WSBJ333	N
T-Mobile License LLC	D41057	TILLAMOOK, OR	3	0010206629	WSBJ334	N
T-Mobile License LLC	D41059	UMATILLA, OR	1	0010206629	WSBJ335	N
T-Mobile License LLC	D41059	UMATILLA, OR	2	0010206629	WSBJ336	N
T-Mobile License LLC	D41059	UMATILLA, OR	3	0010206629	WSBJ337	N
T-Mobile License LLC	D41061	UNION, OR	1	0010206629	WSBJ338	N
T-Mobile License LLC	D41061	UNION, OR	2	0010206629	WSBJ339	N
T-Mobile License LLC	D41061	UNION, OR	3	0010206629	WSBJ340	N
T-Mobile License LLC	D41063	WALLOWA, OR	1	0010206629	WSBJ341	N
T-Mobile License LLC	D41063	WALLOWA, OR	2	0010206629	WSBJ342	N
T-Mobile License LLC	D41063	WALLOWA, OR	3	0010206629	WSBJ343	N
T-Mobile License LLC	D41065	WASCO, OR	1	0010206629	WSBJ344	N
T-Mobile License LLC	D41065	WASCO, OR	2	0010206629	WSBJ345	N

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T-Mobile License LLC	D41065	WASCO, OR	3	0010206629	WSBJ346	N
T-Mobile License LLC	D41067	WASHINGTON, OR	1	0010206629	WSBJ347	N
T-Mobile License LLC	D41067	WASHINGTON, OR	2	0010206629	WSBJ348	N
T-Mobile License LLC	D41067	WASHINGTON, OR	3	0010206629	WSBJ349	N
T-Mobile License LLC	D41069	WHEELER, OR	1	0010206629	WSBJ350	N
T-Mobile License LLC	D41069	WHEELER, OR	2	0010206629	WSBJ351	N
T-Mobile License LLC	D41069	WHEELER, OR	3	0010206629	WSBJ352	N
T-Mobile License LLC	D41071	YAMHILL, OR	1	0010206629	WSBJ353	N
T-Mobile License LLC	D41071	YAMHILL, OR	2	0010206629	WSBJ354	N
T-Mobile License LLC	D41071	YAMHILL, OR	3	0010206629	WSBJ355	N
T-Mobile License LLC	D42001	ADAMS, PA	1	0010206629	WSBJ356	N
T-Mobile License LLC	D42001	ADAMS, PA	2	0010206629	WSBJ357	N
T-Mobile License LLC	D42001	ADAMS, PA	3	0010206629	WSBJ358	N
T-Mobile License LLC	D42005	ARMSTRONG, PA	1	0010206629	WSBJ359	N
T-Mobile License LLC	D42005	ARMSTRONG, PA	2	0010206629	WSBJ360	N
T-Mobile License LLC	D42005	ARMSTRONG, PA	3	0010206629	WSBJ361	N
T-Mobile License LLC	D42009	BEDFORD, PA	1	0010206629	WSBJ362	N
T-Mobile License LLC	D42009	BEDFORD, PA	2	0010206629	WSBJ363	N
T-Mobile License LLC	D42009	BEDFORD, PA	3	0010206629	WSBJ364	N
T-Mobile License LLC	D42011	BERKS, PA	1	0010206629	WSBJ365	N
T-Mobile License LLC	D42011	BERKS, PA	2	0010206629	WSBJ366	N
T-Mobile License LLC	D42011	BERKS, PA	3	0010206629	WSBJ367	N
T-Mobile License LLC	D42013	BLAIR, PA	1	0010206629	WSBJ368	N
T-Mobile License LLC	D42013	BLAIR, PA	2	0010206629	WSBJ369	N
T-Mobile License LLC	D42015	BRADFORD, PA	1	0010206629	WSBJ370	N
T-Mobile License LLC	D42015	BRADFORD, PA	2	0010206629	WSBJ371	N
T-Mobile License LLC	D42015	BRADFORD, PA	3	0010206629	WSBJ372	N
T-Mobile License LLC	D42017	BUCKS, PA	1	0010206629	WSBJ373	N
T-Mobile License LLC	D42017	BUCKS, PA	2	0010206629	WSBJ374	N
T-Mobile License LLC	D42017	BUCKS, PA	3	0010206629	WSBJ375	N
T-Mobile License LLC	D42019	BUTLER, PA	1	0010206629	WSBJ376	N
T-Mobile License LLC	D42019	BUTLER, PA	2	0010206629	WSBJ377	N
T-Mobile License LLC	D42019	BUTLER, PA	3	0010206629	WSBJ378	N
T-Mobile License LLC	D42021	CAMBRIA, PA	2	0010206629	WSBJ379	N
T-Mobile License LLC	D42021	CAMBRIA, PA	3	0010206629	WSBJ380	N
T-Mobile License LLC	D42023	CAMERON, PA	1	0010206629	WSBJ381	N
T-Mobile License LLC	D42023	CAMERON, PA	2	0010206629	WSBJ382	N
T-Mobile License LLC	D42023	CAMERON, PA	3	0010206629	WSBJ383	N
T-Mobile License LLC	D42027	CENTRE, PA	1	0010206629	WSBJ384	N
T-Mobile License LLC	D42027	CENTRE, PA	2	0010206629	WSBJ385	N
T-Mobile License LLC	D42027	CENTRE, PA	3	0010206629	WSBJ386	N
T-Mobile License LLC	D42029	CHESTER, PA	1	0010206629	WSBJ387	N
T-Mobile License LLC	D42029	CHESTER, PA	2	0010206629	WSBJ388	N
T-Mobile License LLC	D42029	CHESTER, PA	3	0010206629	WSBJ389	N
T-Mobile License LLC	D42031	CLARION, PA	1	0010206629	WSBJ390	N
T-Mobile License LLC	D42031	CLARION, PA	2	0010206629	WSBJ391	N
T-Mobile License LLC	D42031	CLARION, PA	3	0010206629	WSBJ392	N
T-Mobile License LLC	D42033	CLEARFIELD, PA	1	0010206629	WSBJ393	N
T-Mobile License LLC	D42033	CLEARFIELD, PA	2	0010206629	WSBJ394	N
T-Mobile License LLC	D42033	CLEARFIELD, PA	3	0010206629	WSBJ395	N
T-Mobile License LLC	D42035	CLINTON, PA	1	0010206629	WSBJ396	N
T-Mobile License LLC	D42035	CLINTON, PA	2	0010206629	WSBJ397	N
T-Mobile License LLC	D42035	CLINTON, PA	3	0010206629	WSBJ398	N
T-Mobile License LLC	D42037	COLUMBIA, PA	1	0010206629	WSBJ399	N
T-Mobile License LLC	D42037	COLUMBIA, PA	2	0010206629	WSBJ400	N
T-Mobile License LLC	D42037	COLUMBIA, PA	3	0010206629	WSBJ401	N

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T-Mobile License LLC	D42039	CRAWFORD, PA	1	0010206629	WSBJ402	N
T-Mobile License LLC	D42039	CRAWFORD, PA	2	0010206629	WSBJ403	N
T-Mobile License LLC	D42039	CRAWFORD, PA	3	0010206629	WSBJ404	N
T-Mobile License LLC	D42041	CUMBERLAND, PA	1	0010206629	WSBJ405	N
T-Mobile License LLC	D42041	CUMBERLAND, PA	2	0010206629	WSBJ406	N
T-Mobile License LLC	D42041	CUMBERLAND, PA	3	0010206629	WSBJ407	N
T-Mobile License LLC	D42043	DAUPHIN, PA	2	0010206629	WSBJ408	N
T-Mobile License LLC	D42043	DAUPHIN, PA	3	0010206629	WSBJ409	N
T-Mobile License LLC	D42047	ELK, PA	1	0010206629	WSBJ410	N
T-Mobile License LLC	D42047	ELK, PA	2	0010206629	WSBJ411	N
T-Mobile License LLC	D42047	ELK, PA	3	0010206629	WSBJ412	N
T-Mobile License LLC	D42051	FAYETTE, PA	1	0010206629	WSBJ413	N
T-Mobile License LLC	D42051	FAYETTE, PA	2	0010206629	WSBJ414	N
T-Mobile License LLC	D42051	FAYETTE, PA	3	0010206629	WSBJ415	N
T-Mobile License LLC	D42053	FOREST, PA	1	0010206629	WSBJ416	N
T-Mobile License LLC	D42053	FOREST, PA	2	0010206629	WSBJ417	N
T-Mobile License LLC	D42053	FOREST, PA	3	0010206629	WSBJ418	N
T-Mobile License LLC	D42055	FRANKLIN, PA	1	0010206629	WSBJ419	N
T-Mobile License LLC	D42055	FRANKLIN, PA	2	0010206629	WSBJ420	N
T-Mobile License LLC	D42055	FRANKLIN, PA	3	0010206629	WSBJ421	N
T-Mobile License LLC	D42057	FULTON, PA	1	0010206629	WSBJ422	N
T-Mobile License LLC	D42057	FULTON, PA	2	0010206629	WSBJ423	N
T-Mobile License LLC	D42057	FULTON, PA	3	0010206629	WSBJ424	N
T-Mobile License LLC	D42059	GREENE, PA	1	0010206629	WSBJ425	N
T-Mobile License LLC	D42059	GREENE, PA	2	0010206629	WSBJ426	N
T-Mobile License LLC	D42059	GREENE, PA	3	0010206629	WSBJ427	N
T-Mobile License LLC	D42061	HUNTINGDON, PA	1	0010206629	WSBJ428	N
T-Mobile License LLC	D42061	HUNTINGDON, PA	2	0010206629	WSBJ429	N
T-Mobile License LLC	D42061	HUNTINGDON, PA	3	0010206629	WSBJ430	N
T-Mobile License LLC	D42063	INDIANA, PA	2	0010206629	WSBJ431	N
T-Mobile License LLC	D42063	INDIANA, PA	3	0010206629	WSBJ432	N
T-Mobile License LLC	D42065	JEFFERSON, PA	1	0010206629	WSBJ433	N
T-Mobile License LLC	D42065	JEFFERSON, PA	2	0010206629	WSBJ434	N
T-Mobile License LLC	D42065	JEFFERSON, PA	3	0010206629	WSBJ435	N
T-Mobile License LLC	D42067	JUNIATA, PA	2	0010206629	WSBJ436	N
T-Mobile License LLC	D42067	JUNIATA, PA	3	0010206629	WSBJ437	N
T-Mobile License LLC	D42069	LACKAWANNA, PA	1	0010206629	WSBJ438	N
T-Mobile License LLC	D42069	LACKAWANNA, PA	2	0010206629	WSBJ439	N
T-Mobile License LLC	D42069	LACKAWANNA, PA	3	0010206629	WSBJ440	N
T-Mobile License LLC	D42071	LANCASTER, PA	1	0010206629	WSBJ441	N
T-Mobile License LLC	D42071	LANCASTER, PA	2	0010206629	WSBJ442	N
T-Mobile License LLC	D42071	LANCASTER, PA	3	0010206629	WSBJ443	N
T-Mobile License LLC	D42075	LEBANON, PA	1	0010206629	WSBJ444	N
T-Mobile License LLC	D42075	LEBANON, PA	2	0010206629	WSBJ445	N
T-Mobile License LLC	D42075	LEBANON, PA	3	0010206629	WSBJ446	N
T-Mobile License LLC	D42077	LEHIGH, PA	1	0010206629	WSBJ447	N
T-Mobile License LLC	D42077	LEHIGH, PA	2	0010206629	WSBJ448	N
T-Mobile License LLC	D42077	LEHIGH, PA	3	0010206629	WSBJ449	N
T-Mobile License LLC	D42081	LYCOMING, PA	2	0010206629	WSBJ450	N
T-Mobile License LLC	D42081	LYCOMING, PA	3	0010206629	WSBJ451	N
T-Mobile License LLC	D42083	MCKEAN, PA	1	0010206629	WSBJ452	N
T-Mobile License LLC	D42083	MCKEAN, PA	2	0010206629	WSBJ453	N
T-Mobile License LLC	D42083	MCKEAN, PA	3	0010206629	WSBJ454	N
T-Mobile License LLC	D42085	MERCER, PA	1	0010206629	WSBJ455	N
T-Mobile License LLC	D42085	MERCER, PA	2	0010206629	WSBJ456	N
T-Mobile License LLC	D42089	MONROE, PA	1	0010206629	WSBJ457	N

ATTACHMENT B
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D42089	MONROE, PA	2	0010206629	WSBJ458	N
T-Mobile License LLC	D42089	MONROE, PA	3	0010206629	WSBJ459	N
T-Mobile License LLC	D42093	MONTOUR, PA	1	0010206629	WSBJ460	N
T-Mobile License LLC	D42093	MONTOUR, PA	2	0010206629	WSBJ461	N
T-Mobile License LLC	D42093	MONTOUR, PA	3	0010206629	WSBJ462	N
T-Mobile License LLC	D42095	NORTHAMPTON, PA	1	0010206629	WSBJ463	N
T-Mobile License LLC	D42095	NORTHAMPTON, PA	2	0010206629	WSBJ464	N
T-Mobile License LLC	D42095	NORTHAMPTON, PA	3	0010206629	WSBJ465	N
T-Mobile License LLC	D42097	NORTHUMBERLAND, PA	1	0010206629	WSBJ466	N
T-Mobile License LLC	D42097	NORTHUMBERLAND, PA	2	0010206629	WSBJ467	N
T-Mobile License LLC	D42097	NORTHUMBERLAND, PA	3	0010206629	WSBJ468	N
T-Mobile License LLC	D42099	PERRY, PA	1	0010206629	WSBJ469	N
T-Mobile License LLC	D42099	PERRY, PA	2	0010206629	WSBJ470	N
T-Mobile License LLC	D42099	PERRY, PA	3	0010206629	WSBJ471	N
T-Mobile License LLC	D42103	PIKE, PA	1	0010206629	WSBJ472	N
T-Mobile License LLC	D42103	PIKE, PA	2	0010206629	WSBJ473	N
T-Mobile License LLC	D42103	PIKE, PA	3	0010206629	WSBJ474	N
T-Mobile License LLC	D42105	POTTER, PA	2	0010206629	WSBJ475	N
T-Mobile License LLC	D42105	POTTER, PA	3	0010206629	WSBJ476	N
T-Mobile License LLC	D42107	SCHUYLKILL, PA	1	0010206629	WSBJ477	N
T-Mobile License LLC	D42107	SCHUYLKILL, PA	2	0010206629	WSBJ478	N
T-Mobile License LLC	D42107	SCHUYLKILL, PA	3	0010206629	WSBJ479	N
T-Mobile License LLC	D42109	SNYDER, PA	1	0010206629	WSBJ480	N
T-Mobile License LLC	D42109	SNYDER, PA	2	0010206629	WSBJ481	N
T-Mobile License LLC	D42109	SNYDER, PA	3	0010206629	WSBJ482	N
T-Mobile License LLC	D42111	SOMERSET, PA	1	0010206629	WSBJ483	N
T-Mobile License LLC	D42111	SOMERSET, PA	2	0010206629	WSBJ484	N
T-Mobile License LLC	D42111	SOMERSET, PA	3	0010206629	WSBJ485	N
T-Mobile License LLC	D42113	SULLIVAN, PA	1	0010206629	WSBJ486	N
T-Mobile License LLC	D42113	SULLIVAN, PA	2	0010206629	WSBJ487	N
T-Mobile License LLC	D42113	SULLIVAN, PA	3	0010206629	WSBJ488	N
T-Mobile License LLC	D42115	SUSQUEHANNA, PA	1	0010206629	WSBJ489	N
T-Mobile License LLC	D42115	SUSQUEHANNA, PA	2	0010206629	WSBJ490	N
T-Mobile License LLC	D42115	SUSQUEHANNA, PA	3	0010206629	WSBJ491	N
T-Mobile License LLC	D42117	TIOGA, PA	2	0010206629	WSBJ492	N
T-Mobile License LLC	D42117	TIOGA, PA	3	0010206629	WSBJ493	N
T-Mobile License LLC	D42119	UNION, PA	1	0010206629	WSBJ494	N
T-Mobile License LLC	D42119	UNION, PA	2	0010206629	WSBJ495	N
T-Mobile License LLC	D42119	UNION, PA	3	0010206629	WSBJ496	N
T-Mobile License LLC	D42121	VENANGO, PA	1	0010206629	WSBJ497	N
T-Mobile License LLC	D42121	VENANGO, PA	2	0010206629	WSBJ498	N
T-Mobile License LLC	D42121	VENANGO, PA	3	0010206629	WSBJ499	N
T-Mobile License LLC	D42123	WARREN, PA	1	0010206629	WSBJ500	N
T-Mobile License LLC	D42123	WARREN, PA	2	0010206629	WSBJ501	N
T-Mobile License LLC	D42123	WARREN, PA	3	0010206629	WSBJ502	N
T-Mobile License LLC	D42125	WASHINGTON, PA	1	0010206629	WSBJ503	N
T-Mobile License LLC	D42125	WASHINGTON, PA	2	0010206629	WSBJ504	N
T-Mobile License LLC	D42125	WASHINGTON, PA	3	0010206629	WSBJ505	N
T-Mobile License LLC	D42127	WAYNE, PA	1	0010206629	WSBJ506	N
T-Mobile License LLC	D42127	WAYNE, PA	2	0010206629	WSBJ507	N
T-Mobile License LLC	D42127	WAYNE, PA	3	0010206629	WSBJ508	N
T-Mobile License LLC	D42129	WESTMORELAND, PA	1	0010206629	WSBJ509	N
T-Mobile License LLC	D42129	WESTMORELAND, PA	2	0010206629	WSBJ510	N
T-Mobile License LLC	D42129	WESTMORELAND, PA	3	0010206629	WSBJ511	N
T-Mobile License LLC	D42131	WYOMING, PA	1	0010206629	WSBJ512	N
T-Mobile License LLC	D42131	WYOMING, PA	2	0010206629	WSBJ513	N

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T-Mobile License LLC	D42133	YORK, PA	1	0010206629	WSBJ514	N
T-Mobile License LLC	D42133	YORK, PA	2	0010206629	WSBJ515	N
T-Mobile License LLC	D44007	PROVIDENCE, RI	1	0010206629	WSBJ516	N
T-Mobile License LLC	D44007	PROVIDENCE, RI	2	0010206629	WSBJ517	N
T-Mobile License LLC	D44009	WASHINGTON, RI	1	0010206629	WSBJ518	N
T-Mobile License LLC	D44009	WASHINGTON, RI	2	0010206629	WSBJ519	N
T-Mobile License LLC	D44009	WASHINGTON, RI	3	0010206629	WSBJ520	N
T-Mobile License LLC	D45001	ABBEVILLE, SC	1	0010206629	WSBJ521	N
T-Mobile License LLC	D45001	ABBEVILLE, SC	2	0010206629	WSBJ522	N
T-Mobile License LLC	D45003	AIKEN, SC	1	0010206629	WSBJ523	N
T-Mobile License LLC	D45003	AIKEN, SC	2	0010206629	WSBJ524	N
T-Mobile License LLC	D45003	AIKEN, SC	3	0010206629	WSBJ525	N
T-Mobile License LLC	D45005	ALLENDALE, SC	1	0010206629	WSBJ526	N
T-Mobile License LLC	D45005	ALLENDALE, SC	2	0010206629	WSBJ527	N
T-Mobile License LLC	D45005	ALLENDALE, SC	3	0010206629	WSBJ528	N
T-Mobile License LLC	D45007	ANDERSON, SC	1	0010206629	WSBJ529	N
T-Mobile License LLC	D45007	ANDERSON, SC	2	0010206629	WSBJ530	N
T-Mobile License LLC	D45007	ANDERSON, SC	3	0010206629	WSBJ531	N
T-Mobile License LLC	D45009	BAMBERG, SC	1	0010206629	WSBJ532	N
T-Mobile License LLC	D45009	BAMBERG, SC	2	0010206629	WSBJ533	N
T-Mobile License LLC	D45009	BAMBERG, SC	3	0010206629	WSBJ534	N
T-Mobile License LLC	D45011	BARNWELL, SC	1	0010206629	WSBJ535	N
T-Mobile License LLC	D45011	BARNWELL, SC	2	0010206629	WSBJ536	N
T-Mobile License LLC	D45011	BARNWELL, SC	3	0010206629	WSBJ537	N
T-Mobile License LLC	D45013	BEAUFORT, SC	1	0010206629	WSBJ538	N
T-Mobile License LLC	D45013	BEAUFORT, SC	2	0010206629	WSBJ539	N
T-Mobile License LLC	D45013	BEAUFORT, SC	3	0010206629	WSBJ540	N
T-Mobile License LLC	D45015	BERKELEY, SC	1	0010206629	WSBJ541	N
T-Mobile License LLC	D45015	BERKELEY, SC	2	0010206629	WSBJ542	N
T-Mobile License LLC	D45015	BERKELEY, SC	3	0010206629	WSBJ543	N
T-Mobile License LLC	D45017	CALHOUN, SC	1	0010206629	WSBJ544	N
T-Mobile License LLC	D45017	CALHOUN, SC	2	0010206629	WSBJ545	N
T-Mobile License LLC	D45017	CALHOUN, SC	3	0010206629	WSBJ546	N
T-Mobile License LLC	D45019	CHARLESTON, SC	1	0010206629	WSBJ547	N
T-Mobile License LLC	D45019	CHARLESTON, SC	2	0010206629	WSBJ548	N
T-Mobile License LLC	D45021	CHEROKEE, SC	1	0010206629	WSBJ549	N
T-Mobile License LLC	D45021	CHEROKEE, SC	2	0010206629	WSBJ550	N
T-Mobile License LLC	D45023	CHESTER, SC	1	0010206629	WSBJ551	N
T-Mobile License LLC	D45023	CHESTER, SC	2	0010206629	WSBJ552	N
T-Mobile License LLC	D45023	CHESTER, SC	3	0010206629	WSBJ553	N
T-Mobile License LLC	D45025	CHESTERFIELD, SC	1	0010206629	WSBJ554	N
T-Mobile License LLC	D45025	CHESTERFIELD, SC	2	0010206629	WSBJ555	N
T-Mobile License LLC	D45025	CHESTERFIELD, SC	3	0010206629	WSBJ556	N
T-Mobile License LLC	D45027	CLARENDON, SC	1	0010206629	WSBJ557	N
T-Mobile License LLC	D45027	CLARENDON, SC	2	0010206629	WSBJ558	N
T-Mobile License LLC	D45029	COLLETON, SC	1	0010206629	WSBJ559	N
T-Mobile License LLC	D45029	COLLETON, SC	2	0010206629	WSBJ560	N
T-Mobile License LLC	D45029	COLLETON, SC	3	0010206629	WSBJ561	N
T-Mobile License LLC	D45031	DARLINGTON, SC	1	0010206629	WSBJ562	N
T-Mobile License LLC	D45031	DARLINGTON, SC	2	0010206629	WSBJ563	N
T-Mobile License LLC	D45033	DILLON, SC	1	0010206629	WSBJ564	N
T-Mobile License LLC	D45033	DILLON, SC	2	0010206629	WSBJ565	N
T-Mobile License LLC	D45033	DILLON, SC	3	0010206629	WSBJ566	N
T-Mobile License LLC	D45035	DORCHESTER, SC	1	0010206629	WSBJ567	N
T-Mobile License LLC	D45035	DORCHESTER, SC	2	0010206629	WSBJ568	N
T-Mobile License LLC	D45035	DORCHESTER, SC	3	0010206629	WSBJ569	N

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T-Mobile License LLC	D45037	EDGEFIELD, SC	1	0010206629	WSBJ570	N
T-Mobile License LLC	D45037	EDGEFIELD, SC	2	0010206629	WSBJ571	N
T-Mobile License LLC	D45037	EDGEFIELD, SC	3	0010206629	WSBJ572	N
T-Mobile License LLC	D45039	FAIRFIELD, SC	1	0010206629	WSBJ573	N
T-Mobile License LLC	D45039	FAIRFIELD, SC	2	0010206629	WSBJ574	N
T-Mobile License LLC	D45039	FAIRFIELD, SC	3	0010206629	WSBJ575	N
T-Mobile License LLC	D45041	FLORENCE, SC	1	0010206629	WSBJ576	N
T-Mobile License LLC	D45041	FLORENCE, SC	2	0010206629	WSBJ577	N
T-Mobile License LLC	D45043	GEORGETOWN, SC	1	0010206629	WSBJ578	N
T-Mobile License LLC	D45043	GEORGETOWN, SC	2	0010206629	WSBJ579	N
T-Mobile License LLC	D45045	GREENVILLE, SC	3	0010206629	WSBJ580	N
T-Mobile License LLC	D45047	GREENWOOD, SC	1	0010206629	WSBJ581	N
T-Mobile License LLC	D45047	GREENWOOD, SC	2	0010206629	WSBJ582	N
T-Mobile License LLC	D45049	HAMPTON, SC	1	0010206629	WSBJ583	N
T-Mobile License LLC	D45049	HAMPTON, SC	2	0010206629	WSBJ584	N
T-Mobile License LLC	D45049	HAMPTON, SC	3	0010206629	WSBJ585	N
T-Mobile License LLC	D45051	HORRY, SC	1	0010206629	WSBJ586	N
T-Mobile License LLC	D45051	HORRY, SC	2	0010206629	WSBJ587	N
T-Mobile License LLC	D45051	HORRY, SC	3	0010206629	WSBJ588	N
T-Mobile License LLC	D45053	JASPER, SC	1	0010206629	WSBJ589	N
T-Mobile License LLC	D45053	JASPER, SC	2	0010206629	WSBJ590	N
T-Mobile License LLC	D45053	JASPER, SC	3	0010206629	WSBJ591	N
T-Mobile License LLC	D45055	KERSHAW, SC	1	0010206629	WSBJ592	N
T-Mobile License LLC	D45055	KERSHAW, SC	2	0010206629	WSBJ593	N
T-Mobile License LLC	D45055	KERSHAW, SC	3	0010206629	WSBJ594	N
T-Mobile License LLC	D45057	LANCASTER, SC	1	0010206629	WSBJ595	N
T-Mobile License LLC	D45057	LANCASTER, SC	2	0010206629	WSBJ596	N
T-Mobile License LLC	D45057	LANCASTER, SC	3	0010206629	WSBJ597	N
T-Mobile License LLC	D45059	LAURENS, SC	1	0010206629	WSBJ598	N
T-Mobile License LLC	D45059	LAURENS, SC	2	0010206629	WSBJ599	N
T-Mobile License LLC	D45059	LAURENS, SC	3	0010206629	WSBJ600	N
T-Mobile License LLC	D45061	LEE, SC	1	0010206629	WSBJ601	N
T-Mobile License LLC	D45061	LEE, SC	2	0010206629	WSBJ602	N
T-Mobile License LLC	D45063	LEXINGTON, SC	1	0010206629	WSBJ603	N
T-Mobile License LLC	D45063	LEXINGTON, SC	2	0010206629	WSBJ604	N
T-Mobile License LLC	D45065	MCCORMICK, SC	1	0010206629	WSBJ605	N
T-Mobile License LLC	D45065	MCCORMICK, SC	2	0010206629	WSBJ606	N
T-Mobile License LLC	D45065	MCCORMICK, SC	3	0010206629	WSBJ607	N
T-Mobile License LLC	D45067	MARION, SC	1	0010206629	WSBJ608	N
T-Mobile License LLC	D45067	MARION, SC	2	0010206629	WSBJ609	N
T-Mobile License LLC	D45067	MARION, SC	3	0010206629	WSBJ610	N
T-Mobile License LLC	D45069	MARLBORO, SC	1	0010206629	WSBJ611	N
T-Mobile License LLC	D45069	MARLBORO, SC	2	0010206629	WSBJ612	N
T-Mobile License LLC	D45069	MARLBORO, SC	3	0010206629	WSBJ613	N
T-Mobile License LLC	D45071	NEWBERRY, SC	1	0010206629	WSBJ614	N
T-Mobile License LLC	D45071	NEWBERRY, SC	2	0010206629	WSBJ615	N
T-Mobile License LLC	D45071	NEWBERRY, SC	3	0010206629	WSBJ616	N
T-Mobile License LLC	D45073	OCONEE, SC	1	0010206629	WSBJ617	N
T-Mobile License LLC	D45073	OCONEE, SC	2	0010206629	WSBJ618	N
T-Mobile License LLC	D45073	OCONEE, SC	3	0010206629	WSBJ619	N
T-Mobile License LLC	D45075	ORANGEBURG, SC	1	0010206629	WSBJ620	N
T-Mobile License LLC	D45075	ORANGEBURG, SC	2	0010206629	WSBJ621	N
T-Mobile License LLC	D45075	ORANGEBURG, SC	3	0010206629	WSBJ622	N
T-Mobile License LLC	D45077	PICKENS, SC	2	0010206629	WSBJ623	N
T-Mobile License LLC	D45077	PICKENS, SC	3	0010206629	WSBJ624	N
T-Mobile License LLC	D45079	RICHLAND, SC	1	0010206629	WSBJ625	N

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T-Mobile License LLC	D45079	RICHLAND, SC	2	0010206629	WSBJ626	N
T-Mobile License LLC	D45081	SALUDA, SC	1	0010206629	WSBJ627	N
T-Mobile License LLC	D45081	SALUDA, SC	2	0010206629	WSBJ628	N
T-Mobile License LLC	D45081	SALUDA, SC	3	0010206629	WSBJ629	N
T-Mobile License LLC	D45083	SPARTANBURG, SC	1	0010206629	WSBJ630	N
T-Mobile License LLC	D45083	SPARTANBURG, SC	2	0010206629	WSBJ631	N
T-Mobile License LLC	D45083	SPARTANBURG, SC	3	0010206629	WSBJ632	N
T-Mobile License LLC	D45085	SUMTER, SC	1	0010206629	WSBJ633	N
T-Mobile License LLC	D45085	SUMTER, SC	2	0010206629	WSBJ634	N
T-Mobile License LLC	D45087	UNION, SC	1	0010206629	WSBJ635	N
T-Mobile License LLC	D45087	UNION, SC	2	0010206629	WSBJ636	N
T-Mobile License LLC	D45087	UNION, SC	3	0010206629	WSBJ637	N
T-Mobile License LLC	D45089	WILLIAMSBURG, SC	1	0010206629	WSBJ638	N
T-Mobile License LLC	D45089	WILLIAMSBURG, SC	2	0010206629	WSBJ639	N
T-Mobile License LLC	D45089	WILLIAMSBURG, SC	3	0010206629	WSBJ640	N
T-Mobile License LLC	D45091	YORK, SC	1	0010206629	WSBJ641	N
T-Mobile License LLC	D45091	YORK, SC	2	0010206629	WSBJ642	N
T-Mobile License LLC	D45091	YORK, SC	3	0010206629	WSBJ643	N
T-Mobile License LLC	D46003	AURORA, SD	2	0010206629	WSBJ644	N
T-Mobile License LLC	D46003	AURORA, SD	3	0010206629	WSBJ645	N
T-Mobile License LLC	D46005	BEADLE, SD	2	0010206629	WSBJ646	N
T-Mobile License LLC	D46005	BEADLE, SD	3	0010206629	WSBJ647	N
T-Mobile License LLC	D46007	BENNETT, SD	1	0010206629	WSBJ648	N
T-Mobile License LLC	D46007	BENNETT, SD	2	0010206629	WSBJ649	N
T-Mobile License LLC	D46007	BENNETT, SD	3	0010206629	WSBJ650	N
T-Mobile License LLC	D46009	BON HOMME, SD	1	0010206629	WSBJ651	N
T-Mobile License LLC	D46009	BON HOMME, SD	2	0010206629	WSBJ652	N
T-Mobile License LLC	D46009	BON HOMME, SD	3	0010206629	WSBJ653	N
T-Mobile License LLC	D46011	BROOKINGS, SD	1	0010206629	WSBJ654	N
T-Mobile License LLC	D46011	BROOKINGS, SD	2	0010206629	WSBJ655	N
T-Mobile License LLC	D46011	BROOKINGS, SD	3	0010206629	WSBJ656	N
T-Mobile License LLC	D46013	BROWN, SD	1	0010206629	WSBJ657	N
T-Mobile License LLC	D46013	BROWN, SD	2	0010206629	WSBJ658	N
T-Mobile License LLC	D46013	BROWN, SD	3	0010206629	WSBJ659	N
T-Mobile License LLC	D46015	BRULE, SD	2	0010206629	WSBJ660	N
T-Mobile License LLC	D46015	BRULE, SD	3	0010206629	WSBJ661	N
T-Mobile License LLC	D46017	BUFFALO, SD	2	0010206629	WSBJ662	N
T-Mobile License LLC	D46017	BUFFALO, SD	3	0010206629	WSBJ663	N
T-Mobile License LLC	D46019	BUTTE, SD	1	0010206629	WSBJ664	N
T-Mobile License LLC	D46019	BUTTE, SD	2	0010206629	WSBJ665	N
T-Mobile License LLC	D46019	BUTTE, SD	3	0010206629	WSBJ666	N
T-Mobile License LLC	D46021	CAMPBELL, SD	1	0010206629	WSBJ667	N
T-Mobile License LLC	D46021	CAMPBELL, SD	2	0010206629	WSBJ668	N
T-Mobile License LLC	D46023	CHARLES MIX, SD	1	0010206629	WSBJ669	N
T-Mobile License LLC	D46023	CHARLES MIX, SD	2	0010206629	WSBJ670	N
T-Mobile License LLC	D46023	CHARLES MIX, SD	3	0010206629	WSBJ671	N
T-Mobile License LLC	D46025	CLARK, SD	1	0010206629	WSBJ672	N
T-Mobile License LLC	D46025	CLARK, SD	2	0010206629	WSBJ673	N
T-Mobile License LLC	D46027	CLAY, SD	1	0010206629	WSBJ674	N
T-Mobile License LLC	D46027	CLAY, SD	2	0010206629	WSBJ675	N
T-Mobile License LLC	D46027	CLAY, SD	3	0010206629	WSBJ676	N
T-Mobile License LLC	D46029	CODINGTON, SD	1	0010206629	WSBJ677	N
T-Mobile License LLC	D46029	CODINGTON, SD	2	0010206629	WSBJ678	N
T-Mobile License LLC	D46033	CUSTER, SD	1	0010206629	WSBJ679	N
T-Mobile License LLC	D46033	CUSTER, SD	2	0010206629	WSBJ680	N
T-Mobile License LLC	D46033	CUSTER, SD	3	0010206629	WSBJ681	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D46035	DAVISON, SD	2	0010206629	WSBJ682	N
T-Mobile License LLC	D46035	DAVISON, SD	3	0010206629	WSBJ683	N
T-Mobile License LLC	D46037	DAY, SD	1	0010206629	WSBJ684	N
T-Mobile License LLC	D46037	DAY, SD	2	0010206629	WSBJ685	N
T-Mobile License LLC	D46037	DAY, SD	3	0010206629	WSBJ686	N
T-Mobile License LLC	D46039	DEUEL, SD	1	0010206629	WSBJ687	N
T-Mobile License LLC	D46039	DEUEL, SD	2	0010206629	WSBJ688	N
T-Mobile License LLC	D46043	DOUGLAS, SD	1	0010206629	WSBJ689	N
T-Mobile License LLC	D46043	DOUGLAS, SD	2	0010206629	WSBJ690	N
T-Mobile License LLC	D46043	DOUGLAS, SD	3	0010206629	WSBJ691	N
T-Mobile License LLC	D46045	EDMUNDS, SD	1	0010206629	WSBJ692	N
T-Mobile License LLC	D46045	EDMUNDS, SD	2	0010206629	WSBJ693	N
T-Mobile License LLC	D46047	FALL RIVER, SD	1	0010206629	WSBJ694	N
T-Mobile License LLC	D46047	FALL RIVER, SD	2	0010206629	WSBJ695	N
T-Mobile License LLC	D46047	FALL RIVER, SD	3	0010206629	WSBJ696	N
T-Mobile License LLC	D46049	FAULK, SD	1	0010206629	WSBJ697	N
T-Mobile License LLC	D46049	FAULK, SD	2	0010206629	WSBJ698	N
T-Mobile License LLC	D46051	GRANT, SD	1	0010206629	WSBJ699	N
T-Mobile License LLC	D46051	GRANT, SD	2	0010206629	WSBJ700	N
T-Mobile License LLC	D46053	GREGORY, SD	1	0010206629	WSBJ701	N
T-Mobile License LLC	D46053	GREGORY, SD	2	0010206629	WSBJ702	N
T-Mobile License LLC	D46053	GREGORY, SD	3	0010206629	WSBJ703	N
T-Mobile License LLC	D46055	HAAKON, SD	1	0010206629	WSBJ704	N
T-Mobile License LLC	D46055	HAAKON, SD	2	0010206629	WSBJ705	N
T-Mobile License LLC	D46055	HAAKON, SD	3	0010206629	WSBJ706	N
T-Mobile License LLC	D46057	HAMLIN, SD	1	0010206629	WSBJ707	N
T-Mobile License LLC	D46057	HAMLIN, SD	2	0010206629	WSBJ708	N
T-Mobile License LLC	D46059	HAND, SD	2	0010206629	WSBJ709	N
T-Mobile License LLC	D46059	HAND, SD	3	0010206629	WSBJ710	N
T-Mobile License LLC	D46061	HANSON, SD	2	0010206629	WSBJ711	N
T-Mobile License LLC	D46061	HANSON, SD	3	0010206629	WSBJ712	N
T-Mobile License LLC	D46063	HARDING, SD	1	0010206629	WSBJ713	N
T-Mobile License LLC	D46063	HARDING, SD	2	0010206629	WSBJ714	N
T-Mobile License LLC	D46063	HARDING, SD	3	0010206629	WSBJ715	N
T-Mobile License LLC	D46065	HUGHES, SD	2	0010206629	WSBJ716	N
T-Mobile License LLC	D46065	HUGHES, SD	3	0010206629	WSBJ717	N
T-Mobile License LLC	D46067	HUTCHINSON, SD	1	0010206629	WSBJ718	N
T-Mobile License LLC	D46067	HUTCHINSON, SD	2	0010206629	WSBJ719	N
T-Mobile License LLC	D46067	HUTCHINSON, SD	3	0010206629	WSBJ720	N
T-Mobile License LLC	D46069	HYDE, SD	2	0010206629	WSBJ721	N
T-Mobile License LLC	D46069	HYDE, SD	3	0010206629	WSBJ722	N
T-Mobile License LLC	D46071	JACKSON, SD	1	0010206629	WSBJ723	N
T-Mobile License LLC	D46071	JACKSON, SD	2	0010206629	WSBJ724	N
T-Mobile License LLC	D46071	JACKSON, SD	3	0010206629	WSBJ725	N
T-Mobile License LLC	D46073	JERAULD, SD	2	0010206629	WSBJ726	N
T-Mobile License LLC	D46073	JERAULD, SD	3	0010206629	WSBJ727	N
T-Mobile License LLC	D46075	JONES, SD	2	0010206629	WSBJ728	N
T-Mobile License LLC	D46075	JONES, SD	3	0010206629	WSBJ729	N
T-Mobile License LLC	D46077	KINGSBURY, SD	1	0010206629	WSBJ730	N
T-Mobile License LLC	D46077	KINGSBURY, SD	2	0010206629	WSBJ731	N
T-Mobile License LLC	D46081	LAWRENCE, SD	1	0010206629	WSBJ732	N
T-Mobile License LLC	D46081	LAWRENCE, SD	2	0010206629	WSBJ733	N
T-Mobile License LLC	D46081	LAWRENCE, SD	3	0010206629	WSBJ734	N
T-Mobile License LLC	D46085	LYMAN, SD	2	0010206629	WSBJ735	N
T-Mobile License LLC	D46085	LYMAN, SD	3	0010206629	WSBJ736	N
T-Mobile License LLC	D46087	MCCOOK, SD	1	0010206629	WSBJ737	N

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T-Mobile License LLC	D46087	MCCOOK, SD	2	0010206629	WSBJ738	N
T-Mobile License LLC	D46087	MCCOOK, SD	3	0010206629	WSBJ739	N
T-Mobile License LLC	D46089	MCPHERSON, SD	1	0010206629	WSBJ740	N
T-Mobile License LLC	D46089	MCPHERSON, SD	2	0010206629	WSBJ741	N
T-Mobile License LLC	D46091	MARSHALL, SD	1	0010206629	WSBJ742	N
T-Mobile License LLC	D46091	MARSHALL, SD	2	0010206629	WSBJ743	N
T-Mobile License LLC	D46091	MARSHALL, SD	3	0010206629	WSBJ744	N
T-Mobile License LLC	D46093	MEADE, SD	1	0010206629	WSBJ745	N
T-Mobile License LLC	D46093	MEADE, SD	2	0010206629	WSBJ746	N
T-Mobile License LLC	D46093	MEADE, SD	3	0010206629	WSBJ747	N
T-Mobile License LLC	D46095	MELLETTE, SD	1	0010206629	WSBJ748	N
T-Mobile License LLC	D46095	MELLETTE, SD	2	0010206629	WSBJ749	N
T-Mobile License LLC	D46095	MELLETTE, SD	3	0010206629	WSBJ750	N
T-Mobile License LLC	D46097	MINER, SD	2	0010206629	WSBJ751	N
T-Mobile License LLC	D46097	MINER, SD	3	0010206629	WSBJ752	N
T-Mobile License LLC	D46103	PENNINGTON, SD	1	0010206629	WSBJ753	N
T-Mobile License LLC	D46103	PENNINGTON, SD	2	0010206629	WSBJ754	N
T-Mobile License LLC	D46103	PENNINGTON, SD	3	0010206629	WSBJ755	N
T-Mobile License LLC	D46105	PERKINS, SD	1	0010206629	WSBJ756	N
T-Mobile License LLC	D46105	PERKINS, SD	2	0010206629	WSBJ757	N
T-Mobile License LLC	D46105	PERKINS, SD	3	0010206629	WSBJ758	N
T-Mobile License LLC	D46107	POTTER, SD	1	0010206629	WSBJ759	N
T-Mobile License LLC	D46107	POTTER, SD	2	0010206629	WSBJ760	N
T-Mobile License LLC	D46109	ROBERTS, SD	1	0010206629	WSBJ761	N
T-Mobile License LLC	D46109	ROBERTS, SD	2	0010206629	WSBJ762	N
T-Mobile License LLC	D46109	ROBERTS, SD	3	0010206629	WSBJ763	N
T-Mobile License LLC	D46111	SANBORN, SD	2	0010206629	WSBJ764	N
T-Mobile License LLC	D46111	SANBORN, SD	3	0010206629	WSBJ765	N
T-Mobile License LLC	D46115	SPINK, SD	1	0010206629	WSBJ766	N
T-Mobile License LLC	D46115	SPINK, SD	2	0010206629	WSBJ767	N
T-Mobile License LLC	D46117	STANLEY, SD	2	0010206629	WSBJ768	N
T-Mobile License LLC	D46117	STANLEY, SD	3	0010206629	WSBJ769	N
T-Mobile License LLC	D46119	SULLY, SD	2	0010206629	WSBJ770	N
T-Mobile License LLC	D46119	SULLY, SD	3	0010206629	WSBJ771	N
T-Mobile License LLC	D46123	TRIPP, SD	1	0010206629	WSBJ772	N
T-Mobile License LLC	D46123	TRIPP, SD	2	0010206629	WSBJ773	N
T-Mobile License LLC	D46123	TRIPP, SD	3	0010206629	WSBJ774	N
T-Mobile License LLC	D46125	TURNER, SD	1	0010206629	WSBJ775	N
T-Mobile License LLC	D46125	TURNER, SD	2	0010206629	WSBJ776	N
T-Mobile License LLC	D46125	TURNER, SD	3	0010206629	WSBJ777	N
T-Mobile License LLC	D46127	UNION, SD	1	0010206629	WSBJ778	N
T-Mobile License LLC	D46127	UNION, SD	2	0010206629	WSBJ779	N
T-Mobile License LLC	D46127	UNION, SD	3	0010206629	WSBJ780	N
T-Mobile License LLC	D46129	WALWORTH, SD	1	0010206629	WSBJ781	N
T-Mobile License LLC	D46129	WALWORTH, SD	2	0010206629	WSBJ782	N
T-Mobile License LLC	D46135	YANKTON, SD	1	0010206629	WSBJ783	N
T-Mobile License LLC	D46135	YANKTON, SD	2	0010206629	WSBJ784	N
T-Mobile License LLC	D46135	YANKTON, SD	3	0010206629	WSBJ785	N
T-Mobile License LLC	D47003	BEDFORD, TN	1	0010206629	WSBJ786	N
T-Mobile License LLC	D47003	BEDFORD, TN	2	0010206629	WSBJ787	N
T-Mobile License LLC	D47005	BENTON, TN	2	0010206629	WSBJ788	N
T-Mobile License LLC	D47005	BENTON, TN	3	0010206629	WSBJ789	N
T-Mobile License LLC	D47007	BLEDSOE, TN	1	0010206629	WSBJ790	N
T-Mobile License LLC	D47007	BLEDSOE, TN	2	0010206629	WSBJ791	N
T-Mobile License LLC	D47007	BLEDSOE, TN	3	0010206629	WSBJ792	N
T-Mobile License LLC	D47009	BLOUNT, TN	1	0010206629	WSBJ793	N

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T-Mobile License LLC	D47009	BLOUNT, TN	2	0010206629	WSBJ794	N
T-Mobile License LLC	D47009	BLOUNT, TN	3	0010206629	WSBJ795	N
T-Mobile License LLC	D47011	BRADLEY, TN	1	0010206629	WSBJ796	N
T-Mobile License LLC	D47011	BRADLEY, TN	2	0010206629	WSBJ797	N
T-Mobile License LLC	D47013	CAMPBELL, TN	1	0010206629	WSBJ798	N
T-Mobile License LLC	D47013	CAMPBELL, TN	2	0010206629	WSBJ799	N
T-Mobile License LLC	D47013	CAMPBELL, TN	3	0010206629	WSBJ800	N
T-Mobile License LLC	D47015	CANNON, TN	1	0010206629	WSBJ801	N
T-Mobile License LLC	D47015	CANNON, TN	2	0010206629	WSBJ802	N
T-Mobile License LLC	D47015	CANNON, TN	3	0010206629	WSBJ803	N
T-Mobile License LLC	D47017	CARROLL, TN	1	0010206629	WSBJ804	N
T-Mobile License LLC	D47017	CARROLL, TN	2	0010206629	WSBJ805	N
T-Mobile License LLC	D47017	CARROLL, TN	3	0010206629	WSBJ806	N
T-Mobile License LLC	D47019	CARTER, TN	1	0010206629	WSBJ807	N
T-Mobile License LLC	D47019	CARTER, TN	2	0010206629	WSBJ808	N
T-Mobile License LLC	D47019	CARTER, TN	3	0010206629	WSBJ809	N
T-Mobile License LLC	D47021	CHEATHAM, TN	1	0010206629	WSBJ810	N
T-Mobile License LLC	D47021	CHEATHAM, TN	2	0010206629	WSBJ811	N
T-Mobile License LLC	D47023	CHESTER, TN	2	0010206629	WSBJ812	N
T-Mobile License LLC	D47025	CLAIBORNE, TN	2	0010206629	WSBJ813	N
T-Mobile License LLC	D47025	CLAIBORNE, TN	3	0010206629	WSBJ814	N
T-Mobile License LLC	D47027	CLAY, TN	3	0010206629	WSBJ815	N
T-Mobile License LLC	D47029	COCKE, TN	1	0010206629	WSBJ816	N
T-Mobile License LLC	D47029	COCKE, TN	2	0010206629	WSBJ817	N
T-Mobile License LLC	D47029	COCKE, TN	3	0010206629	WSBJ818	N
T-Mobile License LLC	D47031	COFFEE, TN	1	0010206629	WSBJ819	N
T-Mobile License LLC	D47031	COFFEE, TN	2	0010206629	WSBJ820	N
T-Mobile License LLC	D47035	CUMBERLAND, TN	1	0010206629	WSBJ821	N
T-Mobile License LLC	D47035	CUMBERLAND, TN	2	0010206629	WSBJ822	N
T-Mobile License LLC	D47035	CUMBERLAND, TN	3	0010206629	WSBJ823	N
T-Mobile License LLC	D47037	DAVIDSON, TN	1	0010206629	WSBJ824	N
T-Mobile License LLC	D47037	DAVIDSON, TN	2	0010206629	WSBJ825	N
T-Mobile License LLC	D47039	DECATUR, TN	2	0010206629	WSBJ826	N
T-Mobile License LLC	D47039	DECATUR, TN	3	0010206629	WSBJ827	N
T-Mobile License LLC	D47041	DEKALB, TN	2	0010206629	WSBJ828	N
T-Mobile License LLC	D47041	DEKALB, TN	3	0010206629	WSBJ829	N
T-Mobile License LLC	D47043	DICKSON, TN	1	0010206629	WSBJ830	N
T-Mobile License LLC	D47043	DICKSON, TN	2	0010206629	WSBJ831	N
T-Mobile License LLC	D47045	DYER, TN	1	0010206629	WSBJ832	N
T-Mobile License LLC	D47045	DYER, TN	2	0010206629	WSBJ833	N
T-Mobile License LLC	D47047	FAYETTE, TN	1	0010206629	WSBJ834	N
T-Mobile License LLC	D47047	FAYETTE, TN	2	0010206629	WSBJ835	N
T-Mobile License LLC	D47047	FAYETTE, TN	3	0010206629	WSBJ836	N
T-Mobile License LLC	D47049	FENTRESS, TN	2	0010206629	WSBJ837	N
T-Mobile License LLC	D47049	FENTRESS, TN	3	0010206629	WSBJ838	N
T-Mobile License LLC	D47051	FRANKLIN, TN	1	0010206629	WSBJ839	N
T-Mobile License LLC	D47051	FRANKLIN, TN	2	0010206629	WSBJ840	N
T-Mobile License LLC	D47051	FRANKLIN, TN	3	0010206629	WSBJ841	N
T-Mobile License LLC	D47053	GIBSON, TN	1	0010206629	WSBJ842	N
T-Mobile License LLC	D47053	GIBSON, TN	2	0010206629	WSBJ843	N
T-Mobile License LLC	D47053	GIBSON, TN	3	0010206629	WSBJ844	N
T-Mobile License LLC	D47055	GILES, TN	1	0010206629	WSBJ845	N
T-Mobile License LLC	D47055	GILES, TN	2	0010206629	WSBJ846	N
T-Mobile License LLC	D47055	GILES, TN	3	0010206629	WSBJ847	N
T-Mobile License LLC	D47057	GRAINGER, TN	1	0010206629	WSBJ848	N
T-Mobile License LLC	D47057	GRAINGER, TN	2	0010206629	WSBJ849	N

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T-Mobile License LLC	D47057	GRAINGER, TN	3	0010206629	WSBJ850	N
T-Mobile License LLC	D47059	GREENE, TN	1	0010206629	WSBJ851	N
T-Mobile License LLC	D47059	GREENE, TN	2	0010206629	WSBJ852	N
T-Mobile License LLC	D47059	GREENE, TN	3	0010206629	WSBJ853	N
T-Mobile License LLC	D47061	GRUNDY, TN	1	0010206629	WSBJ854	N
T-Mobile License LLC	D47061	GRUNDY, TN	2	0010206629	WSBJ855	N
T-Mobile License LLC	D47063	HAMBLEN, TN	1	0010206629	WSBJ856	N
T-Mobile License LLC	D47063	HAMBLEN, TN	2	0010206629	WSBJ857	N
T-Mobile License LLC	D47063	HAMBLEN, TN	3	0010206629	WSBJ858	N
T-Mobile License LLC	D47065	HAMILTON, TN	1	0010206629	WSBJ859	N
T-Mobile License LLC	D47065	HAMILTON, TN	2	0010206629	WSBJ860	N
T-Mobile License LLC	D47067	HANCOCK, TN	1	0010206629	WSBJ861	N
T-Mobile License LLC	D47067	HANCOCK, TN	2	0010206629	WSBJ862	N
T-Mobile License LLC	D47067	HANCOCK, TN	3	0010206629	WSBJ863	N
T-Mobile License LLC	D47069	HARDEMAN, TN	1	0010206629	WSBJ864	N
T-Mobile License LLC	D47069	HARDEMAN, TN	2	0010206629	WSBJ865	N
T-Mobile License LLC	D47069	HARDEMAN, TN	3	0010206629	WSBJ866	N
T-Mobile License LLC	D47071	HARDIN, TN	2	0010206629	WSBJ867	N
T-Mobile License LLC	D47071	HARDIN, TN	3	0010206629	WSBJ868	N
T-Mobile License LLC	D47073	HAWKINS, TN	1	0010206629	WSBJ869	N
T-Mobile License LLC	D47073	HAWKINS, TN	2	0010206629	WSBJ870	N
T-Mobile License LLC	D47073	HAWKINS, TN	3	0010206629	WSBJ871	N
T-Mobile License LLC	D47075	HAYWOOD, TN	1	0010206629	WSBJ872	N
T-Mobile License LLC	D47075	HAYWOOD, TN	2	0010206629	WSBJ873	N
T-Mobile License LLC	D47077	HENDERSON, TN	1	0010206629	WSBJ874	N
T-Mobile License LLC	D47077	HENDERSON, TN	2	0010206629	WSBJ875	N
T-Mobile License LLC	D47079	HENRY, TN	2	0010206629	WSBJ876	N
T-Mobile License LLC	D47079	HENRY, TN	3	0010206629	WSBJ877	N
T-Mobile License LLC	D47081	HICKMAN, TN	2	0010206629	WSBJ878	N
T-Mobile License LLC	D47081	HICKMAN, TN	3	0010206629	WSBJ879	N
T-Mobile License LLC	D47083	HOUSTON, TN	1	0010206629	WSBJ880	N
T-Mobile License LLC	D47083	HOUSTON, TN	2	0010206629	WSBJ881	N
T-Mobile License LLC	D47085	HUMPHREYS, TN	2	0010206629	WSBJ882	N
T-Mobile License LLC	D47085	HUMPHREYS, TN	3	0010206629	WSBJ883	N
T-Mobile License LLC	D47087	JACKSON, TN	2	0010206629	WSBJ884	N
T-Mobile License LLC	D47087	JACKSON, TN	3	0010206629	WSBJ885	N
T-Mobile License LLC	D47089	JEFFERSON, TN	1	0010206629	WSBJ886	N
T-Mobile License LLC	D47089	JEFFERSON, TN	2	0010206629	WSBJ887	N
T-Mobile License LLC	D47089	JEFFERSON, TN	3	0010206629	WSBJ888	N
T-Mobile License LLC	D47091	JOHNSON, TN	1	0010206629	WSBJ889	N
T-Mobile License LLC	D47091	JOHNSON, TN	2	0010206629	WSBJ890	N
T-Mobile License LLC	D47091	JOHNSON, TN	3	0010206629	WSBJ891	N
T-Mobile License LLC	D47095	LAKE, TN	1	0010206629	WSBJ892	N
T-Mobile License LLC	D47095	LAKE, TN	2	0010206629	WSBJ893	N
T-Mobile License LLC	D47097	LAUDERDALE, TN	1	0010206629	WSBJ894	N
T-Mobile License LLC	D47097	LAUDERDALE, TN	2	0010206629	WSBJ895	N
T-Mobile License LLC	D47099	LAWRENCE, TN	1	0010206629	WSBJ896	N
T-Mobile License LLC	D47099	LAWRENCE, TN	2	0010206629	WSBJ897	N
T-Mobile License LLC	D47099	LAWRENCE, TN	3	0010206629	WSBJ898	N
T-Mobile License LLC	D47101	LEWIS, TN	1	0010206629	WSBJ899	N
T-Mobile License LLC	D47101	LEWIS, TN	2	0010206629	WSBJ900	N
T-Mobile License LLC	D47101	LEWIS, TN	3	0010206629	WSBJ901	N
T-Mobile License LLC	D47103	LINCOLN, TN	1	0010206629	WSBJ902	N
T-Mobile License LLC	D47103	LINCOLN, TN	2	0010206629	WSBJ903	N
T-Mobile License LLC	D47105	LOUDON, TN	1	0010206629	WSBJ904	N
T-Mobile License LLC	D47105	LOUDON, TN	2	0010206629	WSBJ905	N

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T-Mobile License LLC	D47105	LOUDON, TN	3	0010206629	WSBJ906	N
T-Mobile License LLC	D47107	MCMINN, TN	1	0010206629	WSBJ907	N
T-Mobile License LLC	D47107	MCMINN, TN	2	0010206629	WSBJ908	N
T-Mobile License LLC	D47107	MCMINN, TN	3	0010206629	WSBJ909	N
T-Mobile License LLC	D47109	MCNAIRY, TN	2	0010206629	WSBJ910	N
T-Mobile License LLC	D47109	MCNAIRY, TN	3	0010206629	WSBJ911	N
T-Mobile License LLC	D47111	MACON, TN	1	0010206629	WSBJ912	N
T-Mobile License LLC	D47111	MACON, TN	2	0010206629	WSBJ913	N
T-Mobile License LLC	D47111	MACON, TN	3	0010206629	WSBJ914	N
T-Mobile License LLC	D47115	MARION, TN	1	0010206629	WSBJ915	N
T-Mobile License LLC	D47115	MARION, TN	2	0010206629	WSBJ916	N
T-Mobile License LLC	D47115	MARION, TN	3	0010206629	WSBJ917	N
T-Mobile License LLC	D47117	MARSHALL, TN	1	0010206629	WSBJ918	N
T-Mobile License LLC	D47117	MARSHALL, TN	2	0010206629	WSBJ919	N
T-Mobile License LLC	D47117	MARSHALL, TN	3	0010206629	WSBJ920	N
T-Mobile License LLC	D47119	MAURY, TN	1	0010206629	WSBJ921	N
T-Mobile License LLC	D47119	MAURY, TN	2	0010206629	WSBJ922	N
T-Mobile License LLC	D47119	MAURY, TN	3	0010206629	WSBJ923	N
T-Mobile License LLC	D47121	MEIGS, TN	1	0010206629	WSBJ924	N
T-Mobile License LLC	D47121	MEIGS, TN	2	0010206629	WSBJ925	N
T-Mobile License LLC	D47121	MEIGS, TN	3	0010206629	WSBJ926	N
T-Mobile License LLC	D47123	MONROE, TN	2	0010206629	WSBJ927	N
T-Mobile License LLC	D47123	MONROE, TN	3	0010206629	WSBJ928	N
T-Mobile License LLC	D47125	MONTGOMERY, TN	1	0010206629	WSBJ929	N
T-Mobile License LLC	D47125	MONTGOMERY, TN	2	0010206629	WSBJ930	N
T-Mobile License LLC	D47127	MOORE, TN	1	0010206629	WSBJ931	N
T-Mobile License LLC	D47127	MOORE, TN	2	0010206629	WSBJ932	N
T-Mobile License LLC	D47129	MORGAN, TN	2	0010206629	WSBJ933	N
T-Mobile License LLC	D47129	MORGAN, TN	3	0010206629	WSBJ934	N
T-Mobile License LLC	D47131	OBION, TN	2	0010206629	WSBJ935	N
T-Mobile License LLC	D47131	OBION, TN	3	0010206629	WSBJ936	N
T-Mobile License LLC	D47133	OVERTON, TN	1	0010206629	WSBJ937	N
T-Mobile License LLC	D47133	OVERTON, TN	3	0010206629	WSBJ938	N
T-Mobile License LLC	D47135	PERRY, TN	2	0010206629	WSBJ939	N
T-Mobile License LLC	D47135	PERRY, TN	3	0010206629	WSBJ940	N
T-Mobile License LLC	D47137	PICKETT, TN	2	0010206629	WSBJ941	N
T-Mobile License LLC	D47137	PICKETT, TN	3	0010206629	WSBJ942	N
T-Mobile License LLC	D47139	POLK, TN	1	0010206629	WSBJ943	N
T-Mobile License LLC	D47139	POLK, TN	2	0010206629	WSBJ944	N
T-Mobile License LLC	D47139	POLK, TN	3	0010206629	WSBJ945	N
T-Mobile License LLC	D47141	PUTNAM, TN	2	0010206629	WSBJ946	N
T-Mobile License LLC	D47141	PUTNAM, TN	3	0010206629	WSBJ947	N
T-Mobile License LLC	D47143	RHEA, TN	1	0010206629	WSBJ948	N
T-Mobile License LLC	D47143	RHEA, TN	2	0010206629	WSBJ949	N
T-Mobile License LLC	D47143	RHEA, TN	3	0010206629	WSBJ950	N
T-Mobile License LLC	D47145	ROANE, TN	1	0010206629	WSBJ951	N
T-Mobile License LLC	D47145	ROANE, TN	2	0010206629	WSBJ952	N
T-Mobile License LLC	D47145	ROANE, TN	3	0010206629	WSBJ953	N
T-Mobile License LLC	D47147	ROBERTSON, TN	1	0010206629	WSBJ954	N
T-Mobile License LLC	D47147	ROBERTSON, TN	2	0010206629	WSBJ955	N
T-Mobile License LLC	D47147	ROBERTSON, TN	3	0010206629	WSBJ956	N
T-Mobile License LLC	D47149	RUTHERFORD, TN	2	0010206629	WSBJ957	N
T-Mobile License LLC	D47151	SCOTT, TN	1	0010206629	WSBJ958	N
T-Mobile License LLC	D47151	SCOTT, TN	2	0010206629	WSBJ959	N
T-Mobile License LLC	D47151	SCOTT, TN	3	0010206629	WSBJ960	N
T-Mobile License LLC	D47153	SEQUATCHIE, TN	1	0010206629	WSBJ961	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D47153	SEQUATCHIE, TN	2	0010206629	WSBJ962	N
T-Mobile License LLC	D47155	SEVIER, TN	1	0010206629	WSBJ963	N
T-Mobile License LLC	D47155	SEVIER, TN	2	0010206629	WSBJ964	N
T-Mobile License LLC	D47155	SEVIER, TN	3	0010206629	WSBJ965	N
T-Mobile License LLC	D47159	SMITH, TN	2	0010206629	WSBJ966	N
T-Mobile License LLC	D47159	SMITH, TN	3	0010206629	WSBJ967	N
T-Mobile License LLC	D47161	STEWART, TN	1	0010206629	WSBJ968	N
T-Mobile License LLC	D47161	STEWART, TN	2	0010206629	WSBJ969	N
T-Mobile License LLC	D47161	STEWART, TN	3	0010206629	WSBJ970	N
T-Mobile License LLC	D47163	SULLIVAN, TN	1	0010206629	WSBJ971	N
T-Mobile License LLC	D47163	SULLIVAN, TN	2	0010206629	WSBJ972	N
T-Mobile License LLC	D47163	SULLIVAN, TN	3	0010206629	WSBJ973	N
T-Mobile License LLC	D47165	SUMNER, TN	1	0010206629	WSBJ974	N
T-Mobile License LLC	D47165	SUMNER, TN	2	0010206629	WSBJ975	N
T-Mobile License LLC	D47165	SUMNER, TN	3	0010206629	WSBJ976	N
T-Mobile License LLC	D47167	TIPTON, TN	1	0010206629	WSBJ977	N
T-Mobile License LLC	D47167	TIPTON, TN	2	0010206629	WSBJ978	N
T-Mobile License LLC	D47169	TROUSDALE, TN	1	0010206629	WSBJ979	N
T-Mobile License LLC	D47169	TROUSDALE, TN	2	0010206629	WSBJ980	N
T-Mobile License LLC	D47169	TROUSDALE, TN	3	0010206629	WSBJ981	N
T-Mobile License LLC	D47171	UNICOI, TN	1	0010206629	WSBJ982	N
T-Mobile License LLC	D47171	UNICOI, TN	2	0010206629	WSBJ983	N
T-Mobile License LLC	D47171	UNICOI, TN	3	0010206629	WSBJ984	N
T-Mobile License LLC	D47175	VAN BUREN, TN	1	0010206629	WSBJ985	N
T-Mobile License LLC	D47175	VAN BUREN, TN	2	0010206629	WSBJ986	N
T-Mobile License LLC	D47175	VAN BUREN, TN	3	0010206629	WSBJ987	N
T-Mobile License LLC	D47177	WARREN, TN	1	0010206629	WSBJ988	N
T-Mobile License LLC	D47177	WARREN, TN	2	0010206629	WSBJ989	N
T-Mobile License LLC	D47177	WARREN, TN	3	0010206629	WSBJ990	N
T-Mobile License LLC	D47179	WASHINGTON, TN	1	0010206629	WSBJ991	N
T-Mobile License LLC	D47179	WASHINGTON, TN	2	0010206629	WSBJ992	N
T-Mobile License LLC	D47179	WASHINGTON, TN	3	0010206629	WSBJ993	N
T-Mobile License LLC	D47181	WAYNE, TN	2	0010206629	WSBJ994	N
T-Mobile License LLC	D47181	WAYNE, TN	3	0010206629	WSBJ995	N
T-Mobile License LLC	D47183	WEAKLEY, TN	2	0010206629	WSBJ996	N
T-Mobile License LLC	D47183	WEAKLEY, TN	3	0010206629	WSBJ997	N
T-Mobile License LLC	D47185	WHITE, TN	1	0010206629	WSBJ998	N
T-Mobile License LLC	D47185	WHITE, TN	2	0010206629	WSBJ999	N
T-Mobile License LLC	D47185	WHITE, TN	3	0010206629	WSBK200	N
T-Mobile License LLC	D47189	WILSON, TN	1	0010206629	WSBK201	N
T-Mobile License LLC	D47189	WILSON, TN	2	0010206629	WSBK202	N
T-Mobile License LLC	D47189	WILSON, TN	3	0010206629	WSBK203	N
T-Mobile License LLC	D48001	ANDERSON, TX	2	0010206629	WSBK204	N
T-Mobile License LLC	D48001	ANDERSON, TX	3	0010206629	WSBK205	N
T-Mobile License LLC	D48003	ANDREWS, TX	1	0010206629	WSBK206	N
T-Mobile License LLC	D48003	ANDREWS, TX	2	0010206629	WSBK207	N
T-Mobile License LLC	D48003	ANDREWS, TX	3	0010206629	WSBK208	N
T-Mobile License LLC	D48005	ANGELINA, TX	1	0010206629	WSBK209	N
T-Mobile License LLC	D48005	ANGELINA, TX	2	0010206629	WSBK210	N
T-Mobile License LLC	D48005	ANGELINA, TX	3	0010206629	WSBK211	N
T-Mobile License LLC	D48007	ARANSAS, TX	1	0010206629	WSBK212	N
T-Mobile License LLC	D48007	ARANSAS, TX	2	0010206629	WSBK213	N
T-Mobile License LLC	D48007	ARANSAS, TX	3	0010206629	WSBK214	N
T-Mobile License LLC	D48009	ARCHER, TX	1	0010206629	WSBK215	N
T-Mobile License LLC	D48009	ARCHER, TX	2	0010206629	WSBK216	N
T-Mobile License LLC	D48009	ARCHER, TX	3	0010206629	WSBK217	N

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T-Mobile License LLC	D48011	ARMSTRONG, TX	1	0010206629	WSBK218	N
T-Mobile License LLC	D48011	ARMSTRONG, TX	2	0010206629	WSBK219	N
T-Mobile License LLC	D48011	ARMSTRONG, TX	3	0010206629	WSBK220	N
T-Mobile License LLC	D48013	ATASCOSA, TX	1	0010206629	WSBK221	N
T-Mobile License LLC	D48013	ATASCOSA, TX	2	0010206629	WSBK222	N
T-Mobile License LLC	D48013	ATASCOSA, TX	3	0010206629	WSBK223	N
T-Mobile License LLC	D48015	AUSTIN, TX	1	0010206629	WSBK224	N
T-Mobile License LLC	D48015	AUSTIN, TX	2	0010206629	WSBK225	N
T-Mobile License LLC	D48017	BAILEY, TX	1	0010206629	WSBK226	N
T-Mobile License LLC	D48017	BAILEY, TX	2	0010206629	WSBK227	N
T-Mobile License LLC	D48017	BAILEY, TX	3	0010206629	WSBK228	N
T-Mobile License LLC	D48019	BANDERA, TX	1	0010206629	WSBK229	N
T-Mobile License LLC	D48019	BANDERA, TX	2	0010206629	WSBK230	N
T-Mobile License LLC	D48019	BANDERA, TX	3	0010206629	WSBK231	N
T-Mobile License LLC	D48021	BASTROP, TX	1	0010206629	WSBK232	N
T-Mobile License LLC	D48021	BASTROP, TX	2	0010206629	WSBK233	N
T-Mobile License LLC	D48021	BASTROP, TX	3	0010206629	WSBK234	N
T-Mobile License LLC	D48023	BAYLOR, TX	1	0010206629	WSBK235	N
T-Mobile License LLC	D48023	BAYLOR, TX	2	0010206629	WSBK236	N
T-Mobile License LLC	D48023	BAYLOR, TX	3	0010206629	WSBK237	N
T-Mobile License LLC	D48025	BEE, TX	1	0010206629	WSBK238	N
T-Mobile License LLC	D48025	BEE, TX	2	0010206629	WSBK239	N
T-Mobile License LLC	D48025	BEE, TX	3	0010206629	WSBK240	N
T-Mobile License LLC	D48027	BELL, TX	1	0010206629	WSBK241	N
T-Mobile License LLC	D48027	BELL, TX	2	0010206629	WSBK242	N
T-Mobile License LLC	D48027	BELL, TX	3	0010206629	WSBK243	N
T-Mobile License LLC	D48029	BEXAR, TX	3	0010206629	WSBK244	N
T-Mobile License LLC	D48031	BLANCO, TX	1	0010206629	WSBK245	N
T-Mobile License LLC	D48031	BLANCO, TX	2	0010206629	WSBK246	N
T-Mobile License LLC	D48031	BLANCO, TX	3	0010206629	WSBK247	N
T-Mobile License LLC	D48033	BORDEN, TX	3	0010206629	WSBK248	N
T-Mobile License LLC	D48035	BOSQUE, TX	1	0010206629	WSBK249	N
T-Mobile License LLC	D48035	BOSQUE, TX	2	0010206629	WSBK250	N
T-Mobile License LLC	D48037	BOWIE, TX	1	0010206629	WSBK251	N
T-Mobile License LLC	D48037	BOWIE, TX	2	0010206629	WSBK252	N
T-Mobile License LLC	D48037	BOWIE, TX	3	0010206629	WSBK253	N
T-Mobile License LLC	D48039	BRAZORIA, TX	1	0010206629	WSBK254	N
T-Mobile License LLC	D48039	BRAZORIA, TX	2	0010206629	WSBK255	N
T-Mobile License LLC	D48043	BREWSTER, TX	2	0010206629	WSBK256	N
T-Mobile License LLC	D48043	BREWSTER, TX	3	0010206629	WSBK257	N
T-Mobile License LLC	D48045	BRISCOE, TX	1	0010206629	WSBK258	N
T-Mobile License LLC	D48045	BRISCOE, TX	2	0010206629	WSBK259	N
T-Mobile License LLC	D48045	BRISCOE, TX	3	0010206629	WSBK260	N
T-Mobile License LLC	D48047	BROOKS, TX	1	0010206629	WSBK261	N
T-Mobile License LLC	D48047	BROOKS, TX	2	0010206629	WSBK262	N
T-Mobile License LLC	D48047	BROOKS, TX	3	0010206629	WSBK263	N
T-Mobile License LLC	D48049	BROWN, TX	1	0010206629	WSBK264	N
T-Mobile License LLC	D48049	BROWN, TX	2	0010206629	WSBK265	N
T-Mobile License LLC	D48049	BROWN, TX	3	0010206629	WSBK266	N
T-Mobile License LLC	D48051	BURLESON, TX	1	0010206629	WSBK267	N
T-Mobile License LLC	D48051	BURLESON, TX	2	0010206629	WSBK268	N
T-Mobile License LLC	D48051	BURLESON, TX	3	0010206629	WSBK269	N
T-Mobile License LLC	D48053	BURNET, TX	1	0010206629	WSBK270	N
T-Mobile License LLC	D48053	BURNET, TX	2	0010206629	WSBK271	N
T-Mobile License LLC	D48053	BURNET, TX	3	0010206629	WSBK272	N
T-Mobile License LLC	D48055	CALDWELL, TX	2	0010206629	WSBK273	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48055	CALDWELL, TX	3	0010206629	WSBK274	N
T-Mobile License LLC	D48057	CALHOUN, TX	1	0010206629	WSBK275	N
T-Mobile License LLC	D48057	CALHOUN, TX	2	0010206629	WSBK276	N
T-Mobile License LLC	D48057	CALHOUN, TX	3	0010206629	WSBK277	N
T-Mobile License LLC	D48059	CALLAHAN, TX	1	0010206629	WSBK278	N
T-Mobile License LLC	D48059	CALLAHAN, TX	2	0010206629	WSBK279	N
T-Mobile License LLC	D48059	CALLAHAN, TX	3	0010206629	WSBK280	N
T-Mobile License LLC	D48061	CAMERON, TX	1	0010206629	WSBK281	N
T-Mobile License LLC	D48061	CAMERON, TX	2	0010206629	WSBK282	N
T-Mobile License LLC	D48061	CAMERON, TX	3	0010206629	WSBK283	N
T-Mobile License LLC	D48063	CAMP, TX	2	0010206629	WSBK284	N
T-Mobile License LLC	D48063	CAMP, TX	3	0010206629	WSBK285	N
T-Mobile License LLC	D48065	CARSON, TX	1	0010206629	WSBK286	N
T-Mobile License LLC	D48065	CARSON, TX	2	0010206629	WSBK287	N
T-Mobile License LLC	D48065	CARSON, TX	3	0010206629	WSBK288	N
T-Mobile License LLC	D48067	CASS, TX	1	0010206629	WSBK289	N
T-Mobile License LLC	D48067	CASS, TX	2	0010206629	WSBK290	N
T-Mobile License LLC	D48067	CASS, TX	3	0010206629	WSBK291	N
T-Mobile License LLC	D48069	CASTRO, TX	1	0010206629	WSBK292	N
T-Mobile License LLC	D48069	CASTRO, TX	2	0010206629	WSBK293	N
T-Mobile License LLC	D48069	CASTRO, TX	3	0010206629	WSBK294	N
T-Mobile License LLC	D48071	CHAMBERS, TX	1	0010206629	WSBK295	N
T-Mobile License LLC	D48071	CHAMBERS, TX	2	0010206629	WSBK296	N
T-Mobile License LLC	D48071	CHAMBERS, TX	3	0010206629	WSBK297	N
T-Mobile License LLC	D48073	CHEROKEE, TX	1	0010206629	WSBK298	N
T-Mobile License LLC	D48073	CHEROKEE, TX	2	0010206629	WSBK299	N
T-Mobile License LLC	D48073	CHEROKEE, TX	3	0010206629	WSBK300	N
T-Mobile License LLC	D48075	CHILDRESS, TX	1	0010206629	WSBK301	N
T-Mobile License LLC	D48075	CHILDRESS, TX	2	0010206629	WSBK302	N
T-Mobile License LLC	D48075	CHILDRESS, TX	3	0010206629	WSBK303	N
T-Mobile License LLC	D48077	CLAY, TX	2	0010206629	WSBK304	N
T-Mobile License LLC	D48077	CLAY, TX	3	0010206629	WSBK305	N
T-Mobile License LLC	D48079	COCHRAN, TX	1	0010206629	WSBK306	N
T-Mobile License LLC	D48079	COCHRAN, TX	2	0010206629	WSBK307	N
T-Mobile License LLC	D48079	COCHRAN, TX	3	0010206629	WSBK308	N
T-Mobile License LLC	D48081	COKE, TX	1	0010206629	WSBK309	N
T-Mobile License LLC	D48081	COKE, TX	2	0010206629	WSBK310	N
T-Mobile License LLC	D48081	COKE, TX	3	0010206629	WSBK311	N
T-Mobile License LLC	D48083	COLEMAN, TX	1	0010206629	WSBK312	N
T-Mobile License LLC	D48083	COLEMAN, TX	2	0010206629	WSBK313	N
T-Mobile License LLC	D48083	COLEMAN, TX	3	0010206629	WSBK314	N
T-Mobile License LLC	D48085	COLLIN, TX	1	0010206629	WSBK315	N
T-Mobile License LLC	D48085	COLLIN, TX	2	0010206629	WSBK316	N
T-Mobile License LLC	D48087	COLLINGSWORTH, TX	3	0010206629	WSBK317	N
T-Mobile License LLC	D48089	COLORADO, TX	1	0010206629	WSBK318	N
T-Mobile License LLC	D48089	COLORADO, TX	2	0010206629	WSBK319	N
T-Mobile License LLC	D48089	COLORADO, TX	3	0010206629	WSBK320	N
T-Mobile License LLC	D48091	COMAL, TX	1	0010206629	WSBK321	N
T-Mobile License LLC	D48091	COMAL, TX	2	0010206629	WSBK322	N
T-Mobile License LLC	D48091	COMAL, TX	3	0010206629	WSBK323	N
T-Mobile License LLC	D48093	COMANCHE, TX	1	0010206629	WSBK324	N
T-Mobile License LLC	D48093	COMANCHE, TX	2	0010206629	WSBK325	N
T-Mobile License LLC	D48093	COMANCHE, TX	3	0010206629	WSBK326	N
T-Mobile License LLC	D48095	CONCHO, TX	1	0010206629	WSBK327	N
T-Mobile License LLC	D48095	CONCHO, TX	2	0010206629	WSBK328	N
T-Mobile License LLC	D48095	CONCHO, TX	3	0010206629	WSBK329	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48097	COOKE, TX	1	0010206629	WSBK330	N
T-Mobile License LLC	D48097	COOKE, TX	2	0010206629	WSBK331	N
T-Mobile License LLC	D48097	COOKE, TX	3	0010206629	WSBK332	N
T-Mobile License LLC	D48099	CORYELL, TX	1	0010206629	WSBK333	N
T-Mobile License LLC	D48099	CORYELL, TX	2	0010206629	WSBK334	N
T-Mobile License LLC	D48101	COTTLE, TX	1	0010206629	WSBK335	N
T-Mobile License LLC	D48101	COTTLE, TX	2	0010206629	WSBK336	N
T-Mobile License LLC	D48101	COTTLE, TX	3	0010206629	WSBK337	N
T-Mobile License LLC	D48103	CRANE, TX	1	0010206629	WSBK338	N
T-Mobile License LLC	D48103	CRANE, TX	2	0010206629	WSBK339	N
T-Mobile License LLC	D48103	CRANE, TX	3	0010206629	WSBK340	N
T-Mobile License LLC	D48105	CROCKETT, TX	1	0010206629	WSBK341	N
T-Mobile License LLC	D48105	CROCKETT, TX	2	0010206629	WSBK342	N
T-Mobile License LLC	D48105	CROCKETT, TX	3	0010206629	WSBK343	N
T-Mobile License LLC	D48107	CROSBY, TX	1	0010206629	WSBK344	N
T-Mobile License LLC	D48107	CROSBY, TX	2	0010206629	WSBK345	N
T-Mobile License LLC	D48107	CROSBY, TX	3	0010206629	WSBK346	N
T-Mobile License LLC	D48109	CULBERSON, TX	1	0010206629	WSBK347	N
T-Mobile License LLC	D48109	CULBERSON, TX	2	0010206629	WSBK348	N
T-Mobile License LLC	D48109	CULBERSON, TX	3	0010206629	WSBK349	N
T-Mobile License LLC	D48111	DALLAM, TX	1	0010206629	WSBK350	N
T-Mobile License LLC	D48111	DALLAM, TX	2	0010206629	WSBK351	N
T-Mobile License LLC	D48111	DALLAM, TX	3	0010206629	WSBK352	N
T-Mobile License LLC	D48115	DAWSON, TX	1	0010206629	WSBK353	N
T-Mobile License LLC	D48115	DAWSON, TX	2	0010206629	WSBK354	N
T-Mobile License LLC	D48115	DAWSON, TX	3	0010206629	WSBK355	N
T-Mobile License LLC	D48117	DEAF SMITH, TX	1	0010206629	WSBK356	N
T-Mobile License LLC	D48117	DEAF SMITH, TX	2	0010206629	WSBK357	N
T-Mobile License LLC	D48117	DEAF SMITH, TX	3	0010206629	WSBK358	N
T-Mobile License LLC	D48119	DELTA, TX	1	0010206629	WSBK359	N
T-Mobile License LLC	D48119	DELTA, TX	2	0010206629	WSBK360	N
T-Mobile License LLC	D48119	DELTA, TX	3	0010206629	WSBK361	N
T-Mobile License LLC	D48121	DENTON, TX	1	0010206629	WSBK362	N
T-Mobile License LLC	D48121	DENTON, TX	2	0010206629	WSBK363	N
T-Mobile License LLC	D48121	DENTON, TX	3	0010206629	WSBK364	N
T-Mobile License LLC	D48123	DEWITT, TX	1	0010206629	WSBK365	N
T-Mobile License LLC	D48123	DEWITT, TX	2	0010206629	WSBK366	N
T-Mobile License LLC	D48123	DEWITT, TX	3	0010206629	WSBK367	N
T-Mobile License LLC	D48125	DICKENS, TX	1	0010206629	WSBK368	N
T-Mobile License LLC	D48125	DICKENS, TX	2	0010206629	WSBK369	N
T-Mobile License LLC	D48125	DICKENS, TX	3	0010206629	WSBK370	N
T-Mobile License LLC	D48127	DIMMIT, TX	1	0010206629	WSBK371	N
T-Mobile License LLC	D48127	DIMMIT, TX	2	0010206629	WSBK372	N
T-Mobile License LLC	D48127	DIMMIT, TX	3	0010206629	WSBK373	N
T-Mobile License LLC	D48129	DONLEY, TX	1	0010206629	WSBK374	N
T-Mobile License LLC	D48129	DONLEY, TX	2	0010206629	WSBK375	N
T-Mobile License LLC	D48129	DONLEY, TX	3	0010206629	WSBK376	N
T-Mobile License LLC	D48131	DUVAL, TX	1	0010206629	WSBK377	N
T-Mobile License LLC	D48131	DUVAL, TX	2	0010206629	WSBK378	N
T-Mobile License LLC	D48131	DUVAL, TX	3	0010206629	WSBK379	N
T-Mobile License LLC	D48133	EASTLAND, TX	1	0010206629	WSBK380	N
T-Mobile License LLC	D48133	EASTLAND, TX	2	0010206629	WSBK381	N
T-Mobile License LLC	D48133	EASTLAND, TX	3	0010206629	WSBK382	N
T-Mobile License LLC	D48135	ECTOR, TX	1	0010206629	WSBK383	N
T-Mobile License LLC	D48135	ECTOR, TX	2	0010206629	WSBK384	N
T-Mobile License LLC	D48135	ECTOR, TX	3	0010206629	WSBK385	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48137	EDWARDS, TX	1	0010206629	WSBK386	N
T-Mobile License LLC	D48137	EDWARDS, TX	2	0010206629	WSBK387	N
T-Mobile License LLC	D48137	EDWARDS, TX	3	0010206629	WSBK388	N
T-Mobile License LLC	D48139	ELLIS, TX	1	0010206629	WSBK389	N
T-Mobile License LLC	D48139	ELLIS, TX	2	0010206629	WSBK390	N
T-Mobile License LLC	D48139	ELLIS, TX	3	0010206629	WSBK391	N
T-Mobile License LLC	D48141	EL PASO, TX	1	0010206629	WSBK392	N
T-Mobile License LLC	D48141	EL PASO, TX	2	0010206629	WSBK393	N
T-Mobile License LLC	D48141	EL PASO, TX	3	0010206629	WSBK394	N
T-Mobile License LLC	D48143	ERATH, TX	1	0010206629	WSBK395	N
T-Mobile License LLC	D48143	ERATH, TX	2	0010206629	WSBK396	N
T-Mobile License LLC	D48143	ERATH, TX	3	0010206629	WSBK397	N
T-Mobile License LLC	D48145	FALLS, TX	2	0010206629	WSBK398	N
T-Mobile License LLC	D48145	FALLS, TX	3	0010206629	WSBK399	N
T-Mobile License LLC	D48147	FANNIN, TX	1	0010206629	WSBK400	N
T-Mobile License LLC	D48147	FANNIN, TX	2	0010206629	WSBK401	N
T-Mobile License LLC	D48147	FANNIN, TX	3	0010206629	WSBK402	N
T-Mobile License LLC	D48149	FAYETTE, TX	1	0010206629	WSBK403	N
T-Mobile License LLC	D48149	FAYETTE, TX	2	0010206629	WSBK404	N
T-Mobile License LLC	D48149	FAYETTE, TX	3	0010206629	WSBK405	N
T-Mobile License LLC	D48151	FISHER, TX	1	0010206629	WSBK406	N
T-Mobile License LLC	D48151	FISHER, TX	2	0010206629	WSBK407	N
T-Mobile License LLC	D48151	FISHER, TX	3	0010206629	WSBK408	N
T-Mobile License LLC	D48153	FLOYD, TX	1	0010206629	WSBK409	N
T-Mobile License LLC	D48153	FLOYD, TX	2	0010206629	WSBK410	N
T-Mobile License LLC	D48153	FLOYD, TX	3	0010206629	WSBK411	N
T-Mobile License LLC	D48155	FOARD, TX	2	0010206629	WSBK412	N
T-Mobile License LLC	D48155	FOARD, TX	3	0010206629	WSBK413	N
T-Mobile License LLC	D48157	FORT BEND, TX	1	0010206629	WSBK414	N
T-Mobile License LLC	D48157	FORT BEND, TX	2	0010206629	WSBK415	N
T-Mobile License LLC	D48159	FRANKLIN, TX	2	0010206629	WSBK416	N
T-Mobile License LLC	D48159	FRANKLIN, TX	3	0010206629	WSBK417	N
T-Mobile License LLC	D48161	FREESTONE, TX	1	0010206629	WSBK418	N
T-Mobile License LLC	D48161	FREESTONE, TX	2	0010206629	WSBK419	N
T-Mobile License LLC	D48161	FREESTONE, TX	3	0010206629	WSBK420	N
T-Mobile License LLC	D48163	FRIO, TX	1	0010206629	WSBK421	N
T-Mobile License LLC	D48163	FRIO, TX	2	0010206629	WSBK422	N
T-Mobile License LLC	D48163	FRIO, TX	3	0010206629	WSBK423	N
T-Mobile License LLC	D48165	GAINES, TX	1	0010206629	WSBK424	N
T-Mobile License LLC	D48165	GAINES, TX	2	0010206629	WSBK425	N
T-Mobile License LLC	D48165	GAINES, TX	3	0010206629	WSBK426	N
T-Mobile License LLC	D48167	GALVESTON, TX	1	0010206629	WSBK427	N
T-Mobile License LLC	D48167	GALVESTON, TX	2	0010206629	WSBK428	N
T-Mobile License LLC	D48167	GALVESTON, TX	3	0010206629	WSBK429	N
T-Mobile License LLC	D48169	GARZA, TX	1	0010206629	WSBK430	N
T-Mobile License LLC	D48169	GARZA, TX	2	0010206629	WSBK431	N
T-Mobile License LLC	D48169	GARZA, TX	3	0010206629	WSBK432	N
T-Mobile License LLC	D48171	GILLESPIE, TX	1	0010206629	WSBK433	N
T-Mobile License LLC	D48171	GILLESPIE, TX	2	0010206629	WSBK434	N
T-Mobile License LLC	D48171	GILLESPIE, TX	3	0010206629	WSBK435	N
T-Mobile License LLC	D48173	GLASSCOCK, TX	1	0010206629	WSBK436	N
T-Mobile License LLC	D48173	GLASSCOCK, TX	2	0010206629	WSBK437	N
T-Mobile License LLC	D48173	GLASSCOCK, TX	3	0010206629	WSBK438	N
T-Mobile License LLC	D48175	GOLIAD, TX	1	0010206629	WSBK439	N
T-Mobile License LLC	D48175	GOLIAD, TX	2	0010206629	WSBK440	N
T-Mobile License LLC	D48175	GOLIAD, TX	3	0010206629	WSBK441	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48177	GONZALES, TX	1	0010206629	WSBK442	N
T-Mobile License LLC	D48177	GONZALES, TX	2	0010206629	WSBK443	N
T-Mobile License LLC	D48177	GONZALES, TX	3	0010206629	WSBK444	N
T-Mobile License LLC	D48179	GRAY, TX	1	0010206629	WSBK445	N
T-Mobile License LLC	D48179	GRAY, TX	2	0010206629	WSBK446	N
T-Mobile License LLC	D48179	GRAY, TX	3	0010206629	WSBK447	N
T-Mobile License LLC	D48183	GREGG, TX	1	0010206629	WSBK448	N
T-Mobile License LLC	D48183	GREGG, TX	2	0010206629	WSBK449	N
T-Mobile License LLC	D48183	GREGG, TX	3	0010206629	WSBK450	N
T-Mobile License LLC	D48185	GRIMES, TX	1	0010206629	WSBK451	N
T-Mobile License LLC	D48185	GRIMES, TX	2	0010206629	WSBK452	N
T-Mobile License LLC	D48185	GRIMES, TX	3	0010206629	WSBK453	N
T-Mobile License LLC	D48187	GUADALUPE, TX	1	0010206629	WSBK454	N
T-Mobile License LLC	D48187	GUADALUPE, TX	2	0010206629	WSBK455	N
T-Mobile License LLC	D48187	GUADALUPE, TX	3	0010206629	WSBK456	N
T-Mobile License LLC	D48189	HALE, TX	1	0010206629	WSBK457	N
T-Mobile License LLC	D48189	HALE, TX	2	0010206629	WSBK458	N
T-Mobile License LLC	D48189	HALE, TX	3	0010206629	WSBK459	N
T-Mobile License LLC	D48191	HALL, TX	1	0010206629	WSBK460	N
T-Mobile License LLC	D48191	HALL, TX	2	0010206629	WSBK461	N
T-Mobile License LLC	D48191	HALL, TX	3	0010206629	WSBK462	N
T-Mobile License LLC	D48193	HAMILTON, TX	1	0010206629	WSBK463	N
T-Mobile License LLC	D48193	HAMILTON, TX	2	0010206629	WSBK464	N
T-Mobile License LLC	D48195	HANSFORD, TX	1	0010206629	WSBK465	N
T-Mobile License LLC	D48195	HANSFORD, TX	2	0010206629	WSBK466	N
T-Mobile License LLC	D48195	HANSFORD, TX	3	0010206629	WSBK467	N
T-Mobile License LLC	D48197	HARDEMAN, TX	1	0010206629	WSBK468	N
T-Mobile License LLC	D48197	HARDEMAN, TX	2	0010206629	WSBK469	N
T-Mobile License LLC	D48197	HARDEMAN, TX	3	0010206629	WSBK470	N
T-Mobile License LLC	D48199	HARDIN, TX	1	0010206629	WSBK471	N
T-Mobile License LLC	D48199	HARDIN, TX	2	0010206629	WSBK472	N
T-Mobile License LLC	D48199	HARDIN, TX	3	0010206629	WSBK473	N
T-Mobile License LLC	D48203	HARRISON, TX	1	0010206629	WSBK474	N
T-Mobile License LLC	D48203	HARRISON, TX	2	0010206629	WSBK475	N
T-Mobile License LLC	D48203	HARRISON, TX	3	0010206629	WSBK476	N
T-Mobile License LLC	D48205	HARTLEY, TX	1	0010206629	WSBK477	N
T-Mobile License LLC	D48205	HARTLEY, TX	2	0010206629	WSBK478	N
T-Mobile License LLC	D48205	HARTLEY, TX	3	0010206629	WSBK479	N
T-Mobile License LLC	D48207	HASKELL, TX	2	0010206629	WSBK480	N
T-Mobile License LLC	D48207	HASKELL, TX	3	0010206629	WSBK481	N
T-Mobile License LLC	D48209	HAYS, TX	1	0010206629	WSBK482	N
T-Mobile License LLC	D48209	HAYS, TX	2	0010206629	WSBK483	N
T-Mobile License LLC	D48209	HAYS, TX	3	0010206629	WSBK484	N
T-Mobile License LLC	D48211	HEMPHILL, TX	1	0010206629	WSBK485	N
T-Mobile License LLC	D48211	HEMPHILL, TX	2	0010206629	WSBK486	N
T-Mobile License LLC	D48211	HEMPHILL, TX	3	0010206629	WSBK487	N
T-Mobile License LLC	D48213	HENDERSON, TX	2	0010206629	WSBK488	N
T-Mobile License LLC	D48213	HENDERSON, TX	3	0010206629	WSBK489	N
T-Mobile License LLC	D48215	HIDALGO, TX	1	0010206629	WSBK490	N
T-Mobile License LLC	D48215	HIDALGO, TX	2	0010206629	WSBK491	N
T-Mobile License LLC	D48215	HIDALGO, TX	3	0010206629	WSBK492	N
T-Mobile License LLC	D48217	HILL, TX	2	0010206629	WSBK493	N
T-Mobile License LLC	D48219	HOCKLEY, TX	1	0010206629	WSBK494	N
T-Mobile License LLC	D48219	HOCKLEY, TX	2	0010206629	WSBK495	N
T-Mobile License LLC	D48219	HOCKLEY, TX	3	0010206629	WSBK496	N
T-Mobile License LLC	D48221	HOOD, TX	1	0010206629	WSBK497	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48221	HOOD, TX	2	0010206629	WSBK498	N
T-Mobile License LLC	D48221	HOOD, TX	3	0010206629	WSBK499	N
T-Mobile License LLC	D48223	HOPKINS, TX	1	0010206629	WSBK500	N
T-Mobile License LLC	D48223	HOPKINS, TX	2	0010206629	WSBK501	N
T-Mobile License LLC	D48223	HOPKINS, TX	3	0010206629	WSBK502	N
T-Mobile License LLC	D48225	HOUSTON, TX	1	0010206629	WSBK503	N
T-Mobile License LLC	D48225	HOUSTON, TX	2	0010206629	WSBK504	N
T-Mobile License LLC	D48225	HOUSTON, TX	3	0010206629	WSBK505	N
T-Mobile License LLC	D48227	HOWARD, TX	1	0010206629	WSBK506	N
T-Mobile License LLC	D48227	HOWARD, TX	2	0010206629	WSBK507	N
T-Mobile License LLC	D48227	HOWARD, TX	3	0010206629	WSBK508	N
T-Mobile License LLC	D48229	HUDSPETH, TX	1	0010206629	WSBK509	N
T-Mobile License LLC	D48229	HUDSPETH, TX	2	0010206629	WSBK510	N
T-Mobile License LLC	D48229	HUDSPETH, TX	3	0010206629	WSBK511	N
T-Mobile License LLC	D48231	HUNT, TX	1	0010206629	WSBK512	N
T-Mobile License LLC	D48231	HUNT, TX	2	0010206629	WSBK513	N
T-Mobile License LLC	D48231	HUNT, TX	3	0010206629	WSBK514	N
T-Mobile License LLC	D48233	HUTCHINSON, TX	1	0010206629	WSBK515	N
T-Mobile License LLC	D48233	HUTCHINSON, TX	2	0010206629	WSBK516	N
T-Mobile License LLC	D48233	HUTCHINSON, TX	3	0010206629	WSBK517	N
T-Mobile License LLC	D48235	IRION, TX	1	0010206629	WSBK518	N
T-Mobile License LLC	D48235	IRION, TX	2	0010206629	WSBK519	N
T-Mobile License LLC	D48235	IRION, TX	3	0010206629	WSBK520	N
T-Mobile License LLC	D48237	JACK, TX	2	0010206629	WSBK521	N
T-Mobile License LLC	D48237	JACK, TX	3	0010206629	WSBK522	N
T-Mobile License LLC	D48239	JACKSON, TX	1	0010206629	WSBK523	N
T-Mobile License LLC	D48239	JACKSON, TX	2	0010206629	WSBK524	N
T-Mobile License LLC	D48239	JACKSON, TX	3	0010206629	WSBK525	N
T-Mobile License LLC	D48241	JASPER, TX	1	0010206629	WSBK526	N
T-Mobile License LLC	D48241	JASPER, TX	2	0010206629	WSBK527	N
T-Mobile License LLC	D48243	JEFF DAVIS, TX	1	0010206629	WSBK528	N
T-Mobile License LLC	D48243	JEFF DAVIS, TX	2	0010206629	WSBK529	N
T-Mobile License LLC	D48243	JEFF DAVIS, TX	3	0010206629	WSBK530	N
T-Mobile License LLC	D48245	JEFFERSON, TX	1	0010206629	WSBK531	N
T-Mobile License LLC	D48245	JEFFERSON, TX	2	0010206629	WSBK532	N
T-Mobile License LLC	D48245	JEFFERSON, TX	3	0010206629	WSBK533	N
T-Mobile License LLC	D48247	JIM HOGG, TX	1	0010206629	WSBK534	N
T-Mobile License LLC	D48247	JIM HOGG, TX	2	0010206629	WSBK535	N
T-Mobile License LLC	D48247	JIM HOGG, TX	3	0010206629	WSBK536	N
T-Mobile License LLC	D48249	JIM WELLS, TX	1	0010206629	WSBK537	N
T-Mobile License LLC	D48249	JIM WELLS, TX	2	0010206629	WSBK538	N
T-Mobile License LLC	D48249	JIM WELLS, TX	3	0010206629	WSBK539	N
T-Mobile License LLC	D48251	JOHNSON, TX	1	0010206629	WSBK540	N
T-Mobile License LLC	D48251	JOHNSON, TX	2	0010206629	WSBK541	N
T-Mobile License LLC	D48251	JOHNSON, TX	3	0010206629	WSBK542	N
T-Mobile License LLC	D48253	JONES, TX	1	0010206629	WSBK543	N
T-Mobile License LLC	D48253	JONES, TX	2	0010206629	WSBK544	N
T-Mobile License LLC	D48253	JONES, TX	3	0010206629	WSBK545	N
T-Mobile License LLC	D48255	KARNES, TX	1	0010206629	WSBK546	N
T-Mobile License LLC	D48255	KARNES, TX	2	0010206629	WSBK547	N
T-Mobile License LLC	D48255	KARNES, TX	3	0010206629	WSBK548	N
T-Mobile License LLC	D48257	KAUFMAN, TX	1	0010206629	WSBK549	N
T-Mobile License LLC	D48257	KAUFMAN, TX	2	0010206629	WSBK550	N
T-Mobile License LLC	D48257	KAUFMAN, TX	3	0010206629	WSBK551	N
T-Mobile License LLC	D48259	KENDALL, TX	1	0010206629	WSBK552	N
T-Mobile License LLC	D48259	KENDALL, TX	2	0010206629	WSBK553	N

ATTACHMENT B
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48259	KENDALL, TX	3	0010206629	WSBK554	N
T-Mobile License LLC	D48261	KENEDY, TX	1	0010206629	WSBK555	N
T-Mobile License LLC	D48261	KENEDY, TX	2	0010206629	WSBK556	N
T-Mobile License LLC	D48261	KENEDY, TX	3	0010206629	WSBK557	N
T-Mobile License LLC	D48263	KENT, TX	2	0010206629	WSBK558	N
T-Mobile License LLC	D48263	KENT, TX	3	0010206629	WSBK559	N
T-Mobile License LLC	D48265	KERR, TX	1	0010206629	WSBK560	N
T-Mobile License LLC	D48265	KERR, TX	2	0010206629	WSBK561	N
T-Mobile License LLC	D48265	KERR, TX	3	0010206629	WSBK562	N
T-Mobile License LLC	D48267	KIMBLE, TX	1	0010206629	WSBK563	N
T-Mobile License LLC	D48267	KIMBLE, TX	2	0010206629	WSBK564	N
T-Mobile License LLC	D48267	KIMBLE, TX	3	0010206629	WSBK565	N
T-Mobile License LLC	D48269	KING, TX	1	0010206629	WSBK566	N
T-Mobile License LLC	D48269	KING, TX	2	0010206629	WSBK567	N
T-Mobile License LLC	D48269	KING, TX	3	0010206629	WSBK568	N
T-Mobile License LLC	D48271	KINNEY, TX	1	0010206629	WSBK569	N
T-Mobile License LLC	D48271	KINNEY, TX	2	0010206629	WSBK570	N
T-Mobile License LLC	D48271	KINNEY, TX	3	0010206629	WSBK571	N
T-Mobile License LLC	D48273	KLEBERG, TX	1	0010206629	WSBK572	N
T-Mobile License LLC	D48273	KLEBERG, TX	2	0010206629	WSBK573	N
T-Mobile License LLC	D48273	KLEBERG, TX	3	0010206629	WSBK574	N
T-Mobile License LLC	D48275	KNOX, TX	1	0010206629	WSBK575	N
T-Mobile License LLC	D48275	KNOX, TX	2	0010206629	WSBK576	N
T-Mobile License LLC	D48275	KNOX, TX	3	0010206629	WSBK577	N
T-Mobile License LLC	D48277	LAMAR, TX	2	0010206629	WSBK578	N
T-Mobile License LLC	D48277	LAMAR, TX	3	0010206629	WSBK579	N
T-Mobile License LLC	D48279	LAMB, TX	1	0010206629	WSBK580	N
T-Mobile License LLC	D48279	LAMB, TX	2	0010206629	WSBK581	N
T-Mobile License LLC	D48279	LAMB, TX	3	0010206629	WSBK582	N
T-Mobile License LLC	D48281	LAMPASAS, TX	2	0010206629	WSBK583	N
T-Mobile License LLC	D48281	LAMPASAS, TX	3	0010206629	WSBK584	N
T-Mobile License LLC	D48283	LA SALLE, TX	1	0010206629	WSBK585	N
T-Mobile License LLC	D48283	LA SALLE, TX	2	0010206629	WSBK586	N
T-Mobile License LLC	D48283	LA SALLE, TX	3	0010206629	WSBK587	N
T-Mobile License LLC	D48285	LAVACA, TX	1	0010206629	WSBK588	N
T-Mobile License LLC	D48285	LAVACA, TX	2	0010206629	WSBK589	N
T-Mobile License LLC	D48285	LAVACA, TX	3	0010206629	WSBK590	N
T-Mobile License LLC	D48287	LEE, TX	1	0010206629	WSBK591	N
T-Mobile License LLC	D48287	LEE, TX	2	0010206629	WSBK592	N
T-Mobile License LLC	D48287	LEE, TX	3	0010206629	WSBK593	N
T-Mobile License LLC	D48289	LEON, TX	1	0010206629	WSBK594	N
T-Mobile License LLC	D48289	LEON, TX	2	0010206629	WSBK595	N
T-Mobile License LLC	D48289	LEON, TX	3	0010206629	WSBK596	N
T-Mobile License LLC	D48291	LIBERTY, TX	1	0010206629	WSBK597	N
T-Mobile License LLC	D48291	LIBERTY, TX	2	0010206629	WSBK598	N
T-Mobile License LLC	D48291	LIBERTY, TX	3	0010206629	WSBK599	N
T-Mobile License LLC	D48293	LIMESTONE, TX	1	0010206629	WSBK600	N
T-Mobile License LLC	D48293	LIMESTONE, TX	2	0010206629	WSBK601	N
T-Mobile License LLC	D48293	LIMESTONE, TX	3	0010206629	WSBK602	N
T-Mobile License LLC	D48295	LIPSCOMB, TX	1	0010206629	WSBK603	N
T-Mobile License LLC	D48295	LIPSCOMB, TX	2	0010206629	WSBK604	N
T-Mobile License LLC	D48295	LIPSCOMB, TX	3	0010206629	WSBK605	N
T-Mobile License LLC	D48297	LIVE OAK, TX	1	0010206629	WSBK606	N
T-Mobile License LLC	D48297	LIVE OAK, TX	2	0010206629	WSBK607	N
T-Mobile License LLC	D48297	LIVE OAK, TX	3	0010206629	WSBK608	N
T-Mobile License LLC	D48299	LLANO, TX	1	0010206629	WSBK609	N

ATTACHMENT B
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48299	LLANO, TX	2	0010206629	WSBK610	N
T-Mobile License LLC	D48299	LLANO, TX	3	0010206629	WSBK611	N
T-Mobile License LLC	D48301	LOVING, TX	1	0010206629	WSBK612	N
T-Mobile License LLC	D48301	LOVING, TX	2	0010206629	WSBK613	N
T-Mobile License LLC	D48301	LOVING, TX	3	0010206629	WSBK614	N
T-Mobile License LLC	D48305	LYNN, TX	1	0010206629	WSBK615	N
T-Mobile License LLC	D48305	LYNN, TX	2	0010206629	WSBK616	N
T-Mobile License LLC	D48307	MCCULLOCH, TX	1	0010206629	WSBK617	N
T-Mobile License LLC	D48307	MCCULLOCH, TX	2	0010206629	WSBK618	N
T-Mobile License LLC	D48307	MCCULLOCH, TX	3	0010206629	WSBK619	N
T-Mobile License LLC	D48311	MCMULLEN, TX	1	0010206629	WSBK620	N
T-Mobile License LLC	D48311	MCMULLEN, TX	2	0010206629	WSBK621	N
T-Mobile License LLC	D48311	MCMULLEN, TX	3	0010206629	WSBK622	N
T-Mobile License LLC	D48313	MADISON, TX	1	0010206629	WSBK623	N
T-Mobile License LLC	D48313	MADISON, TX	2	0010206629	WSBK624	N
T-Mobile License LLC	D48313	MADISON, TX	3	0010206629	WSBK625	N
T-Mobile License LLC	D48315	MARION, TX	1	0010206629	WSBK626	N
T-Mobile License LLC	D48315	MARION, TX	2	0010206629	WSBK627	N
T-Mobile License LLC	D48315	MARION, TX	3	0010206629	WSBK628	N
T-Mobile License LLC	D48317	MARTIN, TX	1	0010206629	WSBK629	N
T-Mobile License LLC	D48317	MARTIN, TX	2	0010206629	WSBK630	N
T-Mobile License LLC	D48317	MARTIN, TX	3	0010206629	WSBK631	N
T-Mobile License LLC	D48319	MASON, TX	1	0010206629	WSBK632	N
T-Mobile License LLC	D48319	MASON, TX	2	0010206629	WSBK633	N
T-Mobile License LLC	D48319	MASON, TX	3	0010206629	WSBK634	N
T-Mobile License LLC	D48321	MATAGORDA, TX	1	0010206629	WSBK635	N
T-Mobile License LLC	D48321	MATAGORDA, TX	2	0010206629	WSBK636	N
T-Mobile License LLC	D48321	MATAGORDA, TX	3	0010206629	WSBK637	N
T-Mobile License LLC	D48323	MAVERICK, TX	1	0010206629	WSBK638	N
T-Mobile License LLC	D48323	MAVERICK, TX	2	0010206629	WSBK639	N
T-Mobile License LLC	D48323	MAVERICK, TX	3	0010206629	WSBK640	N
T-Mobile License LLC	D48325	MEDINA, TX	1	0010206629	WSBK641	N
T-Mobile License LLC	D48325	MEDINA, TX	2	0010206629	WSBK642	N
T-Mobile License LLC	D48325	MEDINA, TX	3	0010206629	WSBK643	N
T-Mobile License LLC	D48327	MENARD, TX	1	0010206629	WSBK644	N
T-Mobile License LLC	D48327	MENARD, TX	2	0010206629	WSBK645	N
T-Mobile License LLC	D48327	MENARD, TX	3	0010206629	WSBK646	N
T-Mobile License LLC	D48329	MIDLAND, TX	1	0010206629	WSBK647	N
T-Mobile License LLC	D48329	MIDLAND, TX	2	0010206629	WSBK648	N
T-Mobile License LLC	D48329	MIDLAND, TX	3	0010206629	WSBK649	N
T-Mobile License LLC	D48331	MILAM, TX	1	0010206629	WSBK650	N
T-Mobile License LLC	D48331	MILAM, TX	2	0010206629	WSBK651	N
T-Mobile License LLC	D48331	MILAM, TX	3	0010206629	WSBK652	N
T-Mobile License LLC	D48335	MITCHELL, TX	1	0010206629	WSBK653	N
T-Mobile License LLC	D48335	MITCHELL, TX	2	0010206629	WSBK654	N
T-Mobile License LLC	D48335	MITCHELL, TX	3	0010206629	WSBK655	N
T-Mobile License LLC	D48337	MONTAGUE, TX	2	0010206629	WSBK656	N
T-Mobile License LLC	D48337	MONTAGUE, TX	3	0010206629	WSBK657	N
T-Mobile License LLC	D48339	MONTGOMERY, TX	1	0010206629	WSBK658	N
T-Mobile License LLC	D48339	MONTGOMERY, TX	2	0010206629	WSBK659	N
T-Mobile License LLC	D48339	MONTGOMERY, TX	3	0010206629	WSBK660	N
T-Mobile License LLC	D48341	MOORE, TX	1	0010206629	WSBK661	N
T-Mobile License LLC	D48341	MOORE, TX	2	0010206629	WSBK662	N
T-Mobile License LLC	D48341	MOORE, TX	3	0010206629	WSBK663	N
T-Mobile License LLC	D48343	MORRIS, TX	2	0010206629	WSBK664	N
T-Mobile License LLC	D48343	MORRIS, TX	3	0010206629	WSBK665	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48345	MOTLEY, TX	1	0010206629	WSBK666	N
T-Mobile License LLC	D48345	MOTLEY, TX	2	0010206629	WSBK667	N
T-Mobile License LLC	D48345	MOTLEY, TX	3	0010206629	WSBK668	N
T-Mobile License LLC	D48347	NACOGDOCHES, TX	1	0010206629	WSBK669	N
T-Mobile License LLC	D48347	NACOGDOCHES, TX	2	0010206629	WSBK670	N
T-Mobile License LLC	D48347	NACOGDOCHES, TX	3	0010206629	WSBK671	N
T-Mobile License LLC	D48349	NAVARRO, TX	2	0010206629	WSBK672	N
T-Mobile License LLC	D48351	NEWTON, TX	1	0010206629	WSBK673	N
T-Mobile License LLC	D48351	NEWTON, TX	2	0010206629	WSBK674	N
T-Mobile License LLC	D48351	NEWTON, TX	3	0010206629	WSBK675	N
T-Mobile License LLC	D48353	NOLAN, TX	1	0010206629	WSBK676	N
T-Mobile License LLC	D48353	NOLAN, TX	2	0010206629	WSBK677	N
T-Mobile License LLC	D48353	NOLAN, TX	3	0010206629	WSBK678	N
T-Mobile License LLC	D48355	NUECES, TX	1	0010206629	WSBK679	N
T-Mobile License LLC	D48355	NUECES, TX	2	0010206629	WSBK680	N
T-Mobile License LLC	D48355	NUECES, TX	3	0010206629	WSBK681	N
T-Mobile License LLC	D48357	OCHILTREE, TX	1	0010206629	WSBK682	N
T-Mobile License LLC	D48357	OCHILTREE, TX	2	0010206629	WSBK683	N
T-Mobile License LLC	D48357	OCHILTREE, TX	3	0010206629	WSBK684	N
T-Mobile License LLC	D48359	OLDHAM, TX	1	0010206629	WSBK685	N
T-Mobile License LLC	D48359	OLDHAM, TX	2	0010206629	WSBK686	N
T-Mobile License LLC	D48359	OLDHAM, TX	3	0010206629	WSBK687	N
T-Mobile License LLC	D48361	ORANGE, TX	2	0010206629	WSBK688	N
T-Mobile License LLC	D48363	PALO PINTO, TX	1	0010206629	WSBK689	N
T-Mobile License LLC	D48363	PALO PINTO, TX	2	0010206629	WSBK690	N
T-Mobile License LLC	D48363	PALO PINTO, TX	3	0010206629	WSBK691	N
T-Mobile License LLC	D48365	PANOLA, TX	1	0010206629	WSBK692	N
T-Mobile License LLC	D48365	PANOLA, TX	2	0010206629	WSBK693	N
T-Mobile License LLC	D48365	PANOLA, TX	3	0010206629	WSBK694	N
T-Mobile License LLC	D48367	PARKER, TX	1	0010206629	WSBK695	N
T-Mobile License LLC	D48367	PARKER, TX	2	0010206629	WSBK696	N
T-Mobile License LLC	D48367	PARKER, TX	3	0010206629	WSBK697	N
T-Mobile License LLC	D48369	PARMER, TX	1	0010206629	WSBK698	N
T-Mobile License LLC	D48369	PARMER, TX	2	0010206629	WSBK699	N
T-Mobile License LLC	D48369	PARMER, TX	3	0010206629	WSBK700	N
T-Mobile License LLC	D48371	PECOS, TX	1	0010206629	WSBK701	N
T-Mobile License LLC	D48371	PECOS, TX	2	0010206629	WSBK702	N
T-Mobile License LLC	D48371	PECOS, TX	3	0010206629	WSBK703	N
T-Mobile License LLC	D48373	POLK, TX	1	0010206629	WSBK704	N
T-Mobile License LLC	D48373	POLK, TX	2	0010206629	WSBK705	N
T-Mobile License LLC	D48373	POLK, TX	3	0010206629	WSBK706	N
T-Mobile License LLC	D48375	POTTER, TX	1	0010206629	WSBK707	N
T-Mobile License LLC	D48375	POTTER, TX	2	0010206629	WSBK708	N
T-Mobile License LLC	D48377	PRESIDIO, TX	1	0010206629	WSBK709	N
T-Mobile License LLC	D48377	PRESIDIO, TX	2	0010206629	WSBK710	N
T-Mobile License LLC	D48377	PRESIDIO, TX	3	0010206629	WSBK711	N
T-Mobile License LLC	D48379	RAINS, TX	1	0010206629	WSBK712	N
T-Mobile License LLC	D48379	RAINS, TX	2	0010206629	WSBK713	N
T-Mobile License LLC	D48379	RAINS, TX	3	0010206629	WSBK714	N
T-Mobile License LLC	D48381	RANDALL, TX	1	0010206629	WSBK715	N
T-Mobile License LLC	D48381	RANDALL, TX	2	0010206629	WSBK716	N
T-Mobile License LLC	D48381	RANDALL, TX	3	0010206629	WSBK717	N
T-Mobile License LLC	D48383	REAGAN, TX	1	0010206629	WSBK718	N
T-Mobile License LLC	D48383	REAGAN, TX	2	0010206629	WSBK719	N
T-Mobile License LLC	D48383	REAGAN, TX	3	0010206629	WSBK720	N
T-Mobile License LLC	D48385	REAL, TX	1	0010206629	WSBK721	N

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T-Mobile License LLC	D48385	REAL, TX	2	0010206629	WSBK722	N
T-Mobile License LLC	D48385	REAL, TX	3	0010206629	WSBK723	N
T-Mobile License LLC	D48387	RED RIVER, TX	1	0010206629	WSBK724	N
T-Mobile License LLC	D48387	RED RIVER, TX	2	0010206629	WSBK725	N
T-Mobile License LLC	D48387	RED RIVER, TX	3	0010206629	WSBK726	N
T-Mobile License LLC	D48389	REEVES, TX	1	0010206629	WSBK727	N
T-Mobile License LLC	D48389	REEVES, TX	2	0010206629	WSBK728	N
T-Mobile License LLC	D48389	REEVES, TX	3	0010206629	WSBK729	N
T-Mobile License LLC	D48391	REFUGIO, TX	1	0010206629	WSBK730	N
T-Mobile License LLC	D48391	REFUGIO, TX	2	0010206629	WSBK731	N
T-Mobile License LLC	D48391	REFUGIO, TX	3	0010206629	WSBK732	N
T-Mobile License LLC	D48393	ROBERTS, TX	1	0010206629	WSBK733	N
T-Mobile License LLC	D48393	ROBERTS, TX	2	0010206629	WSBK734	N
T-Mobile License LLC	D48393	ROBERTS, TX	3	0010206629	WSBK735	N
T-Mobile License LLC	D48395	ROBERTSON, TX	1	0010206629	WSBK736	N
T-Mobile License LLC	D48395	ROBERTSON, TX	2	0010206629	WSBK737	N
T-Mobile License LLC	D48395	ROBERTSON, TX	3	0010206629	WSBK738	N
T-Mobile License LLC	D48399	RUNNELS, TX	1	0010206629	WSBK739	N
T-Mobile License LLC	D48399	RUNNELS, TX	2	0010206629	WSBK740	N
T-Mobile License LLC	D48399	RUNNELS, TX	3	0010206629	WSBK741	N
T-Mobile License LLC	D48401	RUSK, TX	1	0010206629	WSBK742	N
T-Mobile License LLC	D48401	RUSK, TX	2	0010206629	WSBK743	N
T-Mobile License LLC	D48401	RUSK, TX	3	0010206629	WSBK744	N
T-Mobile License LLC	D48403	SABINE, TX	2	0010206629	WSBK745	N
T-Mobile License LLC	D48403	SABINE, TX	3	0010206629	WSBK746	N
T-Mobile License LLC	D48405	SAN AUGUSTINE, TX	1	0010206629	WSBK747	N
T-Mobile License LLC	D48405	SAN AUGUSTINE, TX	2	0010206629	WSBK748	N
T-Mobile License LLC	D48405	SAN AUGUSTINE, TX	3	0010206629	WSBK749	N
T-Mobile License LLC	D48407	SAN JACINTO, TX	1	0010206629	WSBK750	N
T-Mobile License LLC	D48407	SAN JACINTO, TX	2	0010206629	WSBK751	N
T-Mobile License LLC	D48407	SAN JACINTO, TX	3	0010206629	WSBK752	N
T-Mobile License LLC	D48409	SAN PATRICIO, TX	1	0010206629	WSBK753	N
T-Mobile License LLC	D48409	SAN PATRICIO, TX	2	0010206629	WSBK754	N
T-Mobile License LLC	D48409	SAN PATRICIO, TX	3	0010206629	WSBK755	N
T-Mobile License LLC	D48411	SAN SABA, TX	1	0010206629	WSBK756	N
T-Mobile License LLC	D48411	SAN SABA, TX	2	0010206629	WSBK757	N
T-Mobile License LLC	D48411	SAN SABA, TX	3	0010206629	WSBK758	N
T-Mobile License LLC	D48413	SCHLEICHER, TX	1	0010206629	WSBK759	N
T-Mobile License LLC	D48413	SCHLEICHER, TX	2	0010206629	WSBK760	N
T-Mobile License LLC	D48413	SCHLEICHER, TX	3	0010206629	WSBK761	N
T-Mobile License LLC	D48415	SCURRY, TX	2	0010206629	WSBK762	N
T-Mobile License LLC	D48415	SCURRY, TX	3	0010206629	WSBK763	N
T-Mobile License LLC	D48417	SHACKELFORD, TX	1	0010206629	WSBK764	N
T-Mobile License LLC	D48417	SHACKELFORD, TX	2	0010206629	WSBK765	N
T-Mobile License LLC	D48417	SHACKELFORD, TX	3	0010206629	WSBK766	N
T-Mobile License LLC	D48419	SHELBY, TX	1	0010206629	WSBK767	N
T-Mobile License LLC	D48419	SHELBY, TX	2	0010206629	WSBK768	N
T-Mobile License LLC	D48419	SHELBY, TX	3	0010206629	WSBK769	N
T-Mobile License LLC	D48421	SHERMAN, TX	1	0010206629	WSBK770	N
T-Mobile License LLC	D48421	SHERMAN, TX	2	0010206629	WSBK771	N
T-Mobile License LLC	D48421	SHERMAN, TX	3	0010206629	WSBK772	N
T-Mobile License LLC	D48423	SMITH, TX	1	0010206629	WSBK773	N
T-Mobile License LLC	D48423	SMITH, TX	2	0010206629	WSBK774	N
T-Mobile License LLC	D48423	SMITH, TX	3	0010206629	WSBK775	N
T-Mobile License LLC	D48425	SOMERVELL, TX	1	0010206629	WSBK776	N
T-Mobile License LLC	D48425	SOMERVELL, TX	2	0010206629	WSBK777	N

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T-Mobile License LLC	D48425	SOMERVELL, TX	3	0010206629	WSBK778	N
T-Mobile License LLC	D48427	STARR, TX	1	0010206629	WSBK779	N
T-Mobile License LLC	D48427	STARR, TX	2	0010206629	WSBK780	N
T-Mobile License LLC	D48427	STARR, TX	3	0010206629	WSBK781	N
T-Mobile License LLC	D48429	STEPHENS, TX	1	0010206629	WSBK782	N
T-Mobile License LLC	D48429	STEPHENS, TX	2	0010206629	WSBK783	N
T-Mobile License LLC	D48429	STEPHENS, TX	3	0010206629	WSBK784	N
T-Mobile License LLC	D48431	STERLING, TX	1	0010206629	WSBK785	N
T-Mobile License LLC	D48431	STERLING, TX	2	0010206629	WSBK786	N
T-Mobile License LLC	D48431	STERLING, TX	3	0010206629	WSBK787	N
T-Mobile License LLC	D48433	STONEWALL, TX	2	0010206629	WSBK788	N
T-Mobile License LLC	D48433	STONEWALL, TX	3	0010206629	WSBK789	N
T-Mobile License LLC	D48435	SUTTON, TX	1	0010206629	WSBK790	N
T-Mobile License LLC	D48435	SUTTON, TX	2	0010206629	WSBK791	N
T-Mobile License LLC	D48435	SUTTON, TX	3	0010206629	WSBK792	N
T-Mobile License LLC	D48437	SWISHER, TX	1	0010206629	WSBK793	N
T-Mobile License LLC	D48437	SWISHER, TX	2	0010206629	WSBK794	N
T-Mobile License LLC	D48437	SWISHER, TX	3	0010206629	WSBK795	N
T-Mobile License LLC	D48443	TERRELL, TX	2	0010206629	WSBK796	N
T-Mobile License LLC	D48443	TERRELL, TX	3	0010206629	WSBK797	N
T-Mobile License LLC	D48445	TERRY, TX	1	0010206629	WSBK798	N
T-Mobile License LLC	D48445	TERRY, TX	2	0010206629	WSBK799	N
T-Mobile License LLC	D48445	TERRY, TX	3	0010206629	WSBK800	N
T-Mobile License LLC	D48447	THROCKMORTON, TX	1	0010206629	WSBK801	N
T-Mobile License LLC	D48447	THROCKMORTON, TX	2	0010206629	WSBK802	N
T-Mobile License LLC	D48447	THROCKMORTON, TX	3	0010206629	WSBK803	N
T-Mobile License LLC	D48449	TITUS, TX	2	0010206629	WSBK804	N
T-Mobile License LLC	D48449	TITUS, TX	3	0010206629	WSBK805	N
T-Mobile License LLC	D48451	TOM GREEN, TX	3	0010206629	WSBK806	N
T-Mobile License LLC	D48453	TRAVIS, TX	1	0010206629	WSBK807	N
T-Mobile License LLC	D48453	TRAVIS, TX	2	0010206629	WSBK808	N
T-Mobile License LLC	D48453	TRAVIS, TX	3	0010206629	WSBK809	N
T-Mobile License LLC	D48455	TRINITY, TX	2	0010206629	WSBK810	N
T-Mobile License LLC	D48455	TRINITY, TX	3	0010206629	WSBK811	N
T-Mobile License LLC	D48457	TYLER, TX	2	0010206629	WSBK812	N
T-Mobile License LLC	D48457	TYLER, TX	3	0010206629	WSBK813	N
T-Mobile License LLC	D48459	UPSHUR, TX	1	0010206629	WSBK814	N
T-Mobile License LLC	D48459	UPSHUR, TX	2	0010206629	WSBK815	N
T-Mobile License LLC	D48459	UPSHUR, TX	3	0010206629	WSBK816	N
T-Mobile License LLC	D48461	UPTON, TX	1	0010206629	WSBK817	N
T-Mobile License LLC	D48461	UPTON, TX	2	0010206629	WSBK818	N
T-Mobile License LLC	D48461	UPTON, TX	3	0010206629	WSBK819	N
T-Mobile License LLC	D48463	UVALDE, TX	1	0010206629	WSBK820	N
T-Mobile License LLC	D48463	UVALDE, TX	2	0010206629	WSBK821	N
T-Mobile License LLC	D48463	UVALDE, TX	3	0010206629	WSBK822	N
T-Mobile License LLC	D48465	VAL VERDE, TX	1	0010206629	WSBK823	N
T-Mobile License LLC	D48465	VAL VERDE, TX	2	0010206629	WSBK824	N
T-Mobile License LLC	D48465	VAL VERDE, TX	3	0010206629	WSBK825	N
T-Mobile License LLC	D48467	VAN ZANDT, TX	1	0010206629	WSBK826	N
T-Mobile License LLC	D48467	VAN ZANDT, TX	2	0010206629	WSBK827	N
T-Mobile License LLC	D48467	VAN ZANDT, TX	3	0010206629	WSBK828	N
T-Mobile License LLC	D48469	VICTORIA, TX	1	0010206629	WSBK829	N
T-Mobile License LLC	D48469	VICTORIA, TX	2	0010206629	WSBK830	N
T-Mobile License LLC	D48469	VICTORIA, TX	3	0010206629	WSBK831	N
T-Mobile License LLC	D48471	WALKER, TX	1	0010206629	WSBK832	N
T-Mobile License LLC	D48471	WALKER, TX	2	0010206629	WSBK833	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D48471	WALKER, TX	3	0010206629	WSBK834	N
T-Mobile License LLC	D48473	WALLER, TX	1	0010206629	WSBK835	N
T-Mobile License LLC	D48473	WALLER, TX	2	0010206629	WSBK836	N
T-Mobile License LLC	D48473	WALLER, TX	3	0010206629	WSBK837	N
T-Mobile License LLC	D48475	WARD, TX	1	0010206629	WSBK838	N
T-Mobile License LLC	D48475	WARD, TX	2	0010206629	WSBK839	N
T-Mobile License LLC	D48475	WARD, TX	3	0010206629	WSBK840	N
T-Mobile License LLC	D48479	WEBB, TX	1	0010206629	WSBK841	N
T-Mobile License LLC	D48479	WEBB, TX	2	0010206629	WSBK842	N
T-Mobile License LLC	D48479	WEBB, TX	3	0010206629	WSBK843	N
T-Mobile License LLC	D48481	WHARTON, TX	1	0010206629	WSBK844	N
T-Mobile License LLC	D48481	WHARTON, TX	2	0010206629	WSBK845	N
T-Mobile License LLC	D48481	WHARTON, TX	3	0010206629	WSBK846	N
T-Mobile License LLC	D48483	WHEELER, TX	1	0010206629	WSBK847	N
T-Mobile License LLC	D48483	WHEELER, TX	2	0010206629	WSBK848	N
T-Mobile License LLC	D48483	WHEELER, TX	3	0010206629	WSBK849	N
T-Mobile License LLC	D48487	WILBARGER, TX	1	0010206629	WSBK850	N
T-Mobile License LLC	D48487	WILBARGER, TX	2	0010206629	WSBK851	N
T-Mobile License LLC	D48487	WILBARGER, TX	3	0010206629	WSBK852	N
T-Mobile License LLC	D48489	WILLACY, TX	1	0010206629	WSBK853	N
T-Mobile License LLC	D48489	WILLACY, TX	2	0010206629	WSBK854	N
T-Mobile License LLC	D48489	WILLACY, TX	3	0010206629	WSBK855	N
T-Mobile License LLC	D48491	WILLIAMSON, TX	2	0010206629	WSBK856	N
T-Mobile License LLC	D48491	WILLIAMSON, TX	3	0010206629	WSBK857	N
T-Mobile License LLC	D48493	WILSON, TX	1	0010206629	WSBK858	N
T-Mobile License LLC	D48493	WILSON, TX	2	0010206629	WSBK859	N
T-Mobile License LLC	D48493	WILSON, TX	3	0010206629	WSBK860	N
T-Mobile License LLC	D48495	WINKLER, TX	1	0010206629	WSBK861	N
T-Mobile License LLC	D48495	WINKLER, TX	2	0010206629	WSBK862	N
T-Mobile License LLC	D48495	WINKLER, TX	3	0010206629	WSBK863	N
T-Mobile License LLC	D48497	WISE, TX	1	0010206629	WSBK864	N
T-Mobile License LLC	D48497	WISE, TX	2	0010206629	WSBK865	N
T-Mobile License LLC	D48497	WISE, TX	3	0010206629	WSBK866	N
T-Mobile License LLC	D48499	WOOD, TX	2	0010206629	WSBK867	N
T-Mobile License LLC	D48499	WOOD, TX	3	0010206629	WSBK868	N
T-Mobile License LLC	D48501	YOAKUM, TX	1	0010206629	WSBK869	N
T-Mobile License LLC	D48501	YOAKUM, TX	2	0010206629	WSBK870	N
T-Mobile License LLC	D48501	YOAKUM, TX	3	0010206629	WSBK871	N
T-Mobile License LLC	D48503	YOUNG, TX	1	0010206629	WSBK872	N
T-Mobile License LLC	D48503	YOUNG, TX	2	0010206629	WSBK873	N
T-Mobile License LLC	D48503	YOUNG, TX	3	0010206629	WSBK874	N
T-Mobile License LLC	D48505	ZAPATA, TX	1	0010206629	WSBK875	N
T-Mobile License LLC	D48505	ZAPATA, TX	2	0010206629	WSBK876	N
T-Mobile License LLC	D48505	ZAPATA, TX	3	0010206629	WSBK877	N
T-Mobile License LLC	D48507	ZAVALA, TX	1	0010206629	WSBK878	N
T-Mobile License LLC	D48507	ZAVALA, TX	2	0010206629	WSBK879	N
T-Mobile License LLC	D48507	ZAVALA, TX	3	0010206629	WSBK880	N
T-Mobile License LLC	D49001	BEAVER, UT	2	0010206629	WSBK881	N
T-Mobile License LLC	D49001	BEAVER, UT	3	0010206629	WSBK882	N
T-Mobile License LLC	D49003	BOX ELDER, UT	1	0010206629	WSBK883	N
T-Mobile License LLC	D49003	BOX ELDER, UT	2	0010206629	WSBK884	N
T-Mobile License LLC	D49005	CACHE, UT	1	0010206629	WSBK885	N
T-Mobile License LLC	D49005	CACHE, UT	2	0010206629	WSBK886	N
T-Mobile License LLC	D49005	CACHE, UT	3	0010206629	WSBK887	N
T-Mobile License LLC	D49007	CARBON, UT	2	0010206629	WSBK888	N
T-Mobile License LLC	D49007	CARBON, UT	3	0010206629	WSBK889	N

ATTACHMENT B
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APPLICATIONS GRANTED
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D49009	DAGGETT, UT	3	0010206629	WSBK890	N
T-Mobile License LLC	D49011	DAVIS, UT	1	0010206629	WSBK891	N
T-Mobile License LLC	D49011	DAVIS, UT	2	0010206629	WSBK892	N
T-Mobile License LLC	D49011	DAVIS, UT	3	0010206629	WSBK893	N
T-Mobile License LLC	D49015	EMERY, UT	1	0010206629	WSBK894	N
T-Mobile License LLC	D49015	EMERY, UT	2	0010206629	WSBK895	N
T-Mobile License LLC	D49015	EMERY, UT	3	0010206629	WSBK896	N
T-Mobile License LLC	D49017	GARFIELD, UT	2	0010206629	WSBK897	N
T-Mobile License LLC	D49017	GARFIELD, UT	3	0010206629	WSBK898	N
T-Mobile License LLC	D49019	GRAND, UT	1	0010206629	WSBK899	N
T-Mobile License LLC	D49019	GRAND, UT	2	0010206629	WSBK900	N
T-Mobile License LLC	D49019	GRAND, UT	3	0010206629	WSBK901	N
T-Mobile License LLC	D49021	IRON, UT	1	0010206629	WSBK902	N
T-Mobile License LLC	D49021	IRON, UT	2	0010206629	WSBK903	N
T-Mobile License LLC	D49021	IRON, UT	3	0010206629	WSBK904	N
T-Mobile License LLC	D49023	JUAB, UT	2	0010206629	WSBK905	N
T-Mobile License LLC	D49023	JUAB, UT	3	0010206629	WSBK906	N
T-Mobile License LLC	D49025	KANE, UT	2	0010206629	WSBK907	N
T-Mobile License LLC	D49025	KANE, UT	3	0010206629	WSBK908	N
T-Mobile License LLC	D49027	MILLARD, UT	2	0010206629	WSBK909	N
T-Mobile License LLC	D49029	MORGAN, UT	1	0010206629	WSBK910	N
T-Mobile License LLC	D49029	MORGAN, UT	2	0010206629	WSBK911	N
T-Mobile License LLC	D49029	MORGAN, UT	3	0010206629	WSBK912	N
T-Mobile License LLC	D49031	PIUTE, UT	1	0010206629	WSBK913	N
T-Mobile License LLC	D49031	PIUTE, UT	2	0010206629	WSBK914	N
T-Mobile License LLC	D49031	PIUTE, UT	3	0010206629	WSBK915	N
T-Mobile License LLC	D49033	RICH, UT	2	0010206629	WSBK916	N
T-Mobile License LLC	D49033	RICH, UT	3	0010206629	WSBK917	N
T-Mobile License LLC	D49037	SAN JUAN, UT	2	0010206629	WSBK918	N
T-Mobile License LLC	D49037	SAN JUAN, UT	3	0010206629	WSBK919	N
T-Mobile License LLC	D49039	SANPETE, UT	1	0010206629	WSBK920	N
T-Mobile License LLC	D49039	SANPETE, UT	2	0010206629	WSBK921	N
T-Mobile License LLC	D49039	SANPETE, UT	3	0010206629	WSBK922	N
T-Mobile License LLC	D49041	SEVIER, UT	2	0010206629	WSBK923	N
T-Mobile License LLC	D49043	SUMMIT, UT	1	0010206629	WSBK924	N
T-Mobile License LLC	D49043	SUMMIT, UT	2	0010206629	WSBK925	N
T-Mobile License LLC	D49043	SUMMIT, UT	3	0010206629	WSBK926	N
T-Mobile License LLC	D49045	TOOELE, UT	2	0010206629	WSBK927	N
T-Mobile License LLC	D49045	TOOELE, UT	3	0010206629	WSBK928	N
T-Mobile License LLC	D49047	UINTAH, UT	2	0010206629	WSBK929	N
T-Mobile License LLC	D49047	UINTAH, UT	3	0010206629	WSBK930	N
T-Mobile License LLC	D49049	UTAH, UT	1	0010206629	WSBK931	N
T-Mobile License LLC	D49049	UTAH, UT	2	0010206629	WSBK932	N
T-Mobile License LLC	D49049	UTAH, UT	3	0010206629	WSBK933	N
T-Mobile License LLC	D49051	WASATCH, UT	1	0010206629	WSBK934	N
T-Mobile License LLC	D49051	WASATCH, UT	2	0010206629	WSBK935	N
T-Mobile License LLC	D49051	WASATCH, UT	3	0010206629	WSBK936	N
T-Mobile License LLC	D49053	WASHINGTON, UT	3	0010206629	WSBK937	N
T-Mobile License LLC	D49055	WAYNE, UT	1	0010206629	WSBK938	N
T-Mobile License LLC	D49055	WAYNE, UT	2	0010206629	WSBK939	N
T-Mobile License LLC	D49055	WAYNE, UT	3	0010206629	WSBK940	N
T-Mobile License LLC	D49057	WEBER, UT	1	0010206629	WSBK941	N
T-Mobile License LLC	D49057	WEBER, UT	2	0010206629	WSBK942	N
T-Mobile License LLC	D49057	WEBER, UT	3	0010206629	WSBK943	N
T-Mobile License LLC	D50001	ADDISON, VT	1	0010206629	WSBK944	N
T-Mobile License LLC	D50001	ADDISON, VT	2	0010206629	WSBK945	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D50001	ADDISON, VT	3	0010206629	WSBK946	N
T-Mobile License LLC	D50003	BENNINGTON, VT	1	0010206629	WSBK947	N
T-Mobile License LLC	D50003	BENNINGTON, VT	2	0010206629	WSBK948	N
T-Mobile License LLC	D50003	BENNINGTON, VT	3	0010206629	WSBK949	N
T-Mobile License LLC	D50005	CALEDONIA, VT	1	0010206629	WSBK950	N
T-Mobile License LLC	D50005	CALEDONIA, VT	2	0010206629	WSBK951	N
T-Mobile License LLC	D50005	CALEDONIA, VT	3	0010206629	WSBK952	N
T-Mobile License LLC	D50007	CHITTENDEN, VT	1	0010206629	WSBK953	N
T-Mobile License LLC	D50007	CHITTENDEN, VT	2	0010206629	WSBK954	N
T-Mobile License LLC	D50009	ESSEX, VT	1	0010206629	WSBK955	N
T-Mobile License LLC	D50009	ESSEX, VT	2	0010206629	WSBK956	N
T-Mobile License LLC	D50009	ESSEX, VT	3	0010206629	WSBK957	N
T-Mobile License LLC	D50011	FRANKLIN, VT	1	0010206629	WSBK958	N
T-Mobile License LLC	D50011	FRANKLIN, VT	2	0010206629	WSBK959	N
T-Mobile License LLC	D50011	FRANKLIN, VT	3	0010206629	WSBK960	N
T-Mobile License LLC	D50013	GRAND ISLE, VT	1	0010206629	WSBK961	N
T-Mobile License LLC	D50013	GRAND ISLE, VT	2	0010206629	WSBK962	N
T-Mobile License LLC	D50013	GRAND ISLE, VT	3	0010206629	WSBK963	N
T-Mobile License LLC	D50017	ORANGE, VT	1	0010206629	WSBK964	N
T-Mobile License LLC	D50017	ORANGE, VT	2	0010206629	WSBK965	N
T-Mobile License LLC	D50017	ORANGE, VT	3	0010206629	WSBK966	N
T-Mobile License LLC	D50019	ORLEANS, VT	1	0010206629	WSBK967	N
T-Mobile License LLC	D50019	ORLEANS, VT	2	0010206629	WSBK968	N
T-Mobile License LLC	D50019	ORLEANS, VT	3	0010206629	WSBK969	N
T-Mobile License LLC	D50021	RUTLAND, VT	1	0010206629	WSBK970	N
T-Mobile License LLC	D50021	RUTLAND, VT	2	0010206629	WSBK971	N
T-Mobile License LLC	D50021	RUTLAND, VT	3	0010206629	WSBK972	N
T-Mobile License LLC	D50023	WASHINGTON, VT	2	0010206629	WSBK973	N
T-Mobile License LLC	D50023	WASHINGTON, VT	3	0010206629	WSBK974	N
T-Mobile License LLC	D50025	WINDHAM, VT	1	0010206629	WSBK975	N
T-Mobile License LLC	D50025	WINDHAM, VT	2	0010206629	WSBK976	N
T-Mobile License LLC	D50025	WINDHAM, VT	3	0010206629	WSBK977	N
T-Mobile License LLC	D50027	WINDSOR, VT	2	0010206629	WSBK978	N
T-Mobile License LLC	D50027	WINDSOR, VT	3	0010206629	WSBK979	N
T-Mobile License LLC	D51001	ACCOMACK, VA	1	0010206629	WSBK980	N
T-Mobile License LLC	D51001	ACCOMACK, VA	2	0010206629	WSBK981	N
T-Mobile License LLC	D51001	ACCOMACK, VA	3	0010206629	WSBK982	N
T-Mobile License LLC	D51005	ALLEGHANY, VA	1	0010206629	WSBK983	N
T-Mobile License LLC	D51005	ALLEGHANY, VA	2	0010206629	WSBK984	N
T-Mobile License LLC	D51005	ALLEGHANY, VA	3	0010206629	WSBK985	N
T-Mobile License LLC	D51007	AMELIA, VA	1	0010206629	WSBK986	N
T-Mobile License LLC	D51007	AMELIA, VA	2	0010206629	WSBK987	N
T-Mobile License LLC	D51009	AMHERST, VA	1	0010206629	WSBK988	N
T-Mobile License LLC	D51009	AMHERST, VA	2	0010206629	WSBK989	N
T-Mobile License LLC	D51011	APPOMATTOX, VA	1	0010206629	WSBK990	N
T-Mobile License LLC	D51011	APPOMATTOX, VA	2	0010206629	WSBK991	N
T-Mobile License LLC	D51011	APPOMATTOX, VA	3	0010206629	WSBK992	N
T-Mobile License LLC	D51015	AUGUSTA, VA	1	0010206629	WSBK993	N
T-Mobile License LLC	D51015	AUGUSTA, VA	2	0010206629	WSBK994	N
T-Mobile License LLC	D51015	AUGUSTA, VA	3	0010206629	WSBK995	N
T-Mobile License LLC	D51017	BATH, VA	1	0010206629	WSBK996	N
T-Mobile License LLC	D51017	BATH, VA	2	0010206629	WSBK997	N
T-Mobile License LLC	D51017	BATH, VA	3	0010206629	WSBK998	N
T-Mobile License LLC	D51019	BEDFORD, VA	1	0010206629	WSBK999	N
T-Mobile License LLC	D51019	BEDFORD, VA	2	0010206629	WSBL200	N
T-Mobile License LLC	D51019	BEDFORD, VA	3	0010206629	WSBL201	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D51021	BLAND, VA	1	0010206629	WSBL202	N
T-Mobile License LLC	D51021	BLAND, VA	2	0010206629	WSBL203	N
T-Mobile License LLC	D51021	BLAND, VA	3	0010206629	WSBL204	N
T-Mobile License LLC	D51023	BOTETOURT, VA	1	0010206629	WSBL205	N
T-Mobile License LLC	D51023	BOTETOURT, VA	2	0010206629	WSBL206	N
T-Mobile License LLC	D51025	BRUNSWICK, VA	1	0010206629	WSBL207	N
T-Mobile License LLC	D51025	BRUNSWICK, VA	2	0010206629	WSBL208	N
T-Mobile License LLC	D51025	BRUNSWICK, VA	3	0010206629	WSBL209	N
T-Mobile License LLC	D51027	BUCHANAN, VA	1	0010206629	WSBL210	N
T-Mobile License LLC	D51027	BUCHANAN, VA	3	0010206629	WSBL211	N
T-Mobile License LLC	D51029	BUCKINGHAM, VA	1	0010206629	WSBL212	N
T-Mobile License LLC	D51029	BUCKINGHAM, VA	2	0010206629	WSBL213	N
T-Mobile License LLC	D51029	BUCKINGHAM, VA	3	0010206629	WSBL214	N
T-Mobile License LLC	D51031	CAMPBELL, VA	1	0010206629	WSBL215	N
T-Mobile License LLC	D51031	CAMPBELL, VA	2	0010206629	WSBL216	N
T-Mobile License LLC	D51031	CAMPBELL, VA	3	0010206629	WSBL217	N
T-Mobile License LLC	D51033	CAROLINE, VA	1	0010206629	WSBL218	N
T-Mobile License LLC	D51033	CAROLINE, VA	2	0010206629	WSBL219	N
T-Mobile License LLC	D51033	CAROLINE, VA	3	0010206629	WSBL220	N
T-Mobile License LLC	D51035	CARROLL, VA	2	0010206629	WSBL221	N
T-Mobile License LLC	D51035	CARROLL, VA	3	0010206629	WSBL222	N
T-Mobile License LLC	D51036	CHARLES CITY, VA	1	0010206629	WSBL223	N
T-Mobile License LLC	D51036	CHARLES CITY, VA	2	0010206629	WSBL224	N
T-Mobile License LLC	D51036	CHARLES CITY, VA	3	0010206629	WSBL225	N
T-Mobile License LLC	D51037	CHARLOTTE, VA	2	0010206629	WSBL226	N
T-Mobile License LLC	D51037	CHARLOTTE, VA	3	0010206629	WSBL227	N
T-Mobile License LLC	D51041	CHESTERFIELD, VA	1	0010206629	WSBL228	N
T-Mobile License LLC	D51041	CHESTERFIELD, VA	2	0010206629	WSBL229	N
T-Mobile License LLC	D51043	CLARKE, VA	2	0010206629	WSBL230	N
T-Mobile License LLC	D51043	CLARKE, VA	3	0010206629	WSBL231	N
T-Mobile License LLC	D51047	CULPEPER, VA	1	0010206629	WSBL232	N
T-Mobile License LLC	D51047	CULPEPER, VA	2	0010206629	WSBL233	N
T-Mobile License LLC	D51047	CULPEPER, VA	3	0010206629	WSBL234	N
T-Mobile License LLC	D51049	CUMBERLAND, VA	1	0010206629	WSBL235	N
T-Mobile License LLC	D51049	CUMBERLAND, VA	2	0010206629	WSBL236	N
T-Mobile License LLC	D51049	CUMBERLAND, VA	3	0010206629	WSBL237	N
T-Mobile License LLC	D51051	DICKENSON, VA	1	0010206629	WSBL238	N
T-Mobile License LLC	D51051	DICKENSON, VA	3	0010206629	WSBL239	N
T-Mobile License LLC	D51053	DINWIDDIE, VA	1	0010206629	WSBL240	N
T-Mobile License LLC	D51053	DINWIDDIE, VA	2	0010206629	WSBL241	N
T-Mobile License LLC	D51053	DINWIDDIE, VA	3	0010206629	WSBL242	N
T-Mobile License LLC	D51057	ESSEX, VA	1	0010206629	WSBL243	N
T-Mobile License LLC	D51057	ESSEX, VA	2	0010206629	WSBL244	N
T-Mobile License LLC	D51061	FAUQUIER, VA	1	0010206629	WSBL245	N
T-Mobile License LLC	D51061	FAUQUIER, VA	2	0010206629	WSBL246	N
T-Mobile License LLC	D51061	FAUQUIER, VA	3	0010206629	WSBL247	N
T-Mobile License LLC	D51063	FLOYD, VA	1	0010206629	WSBL248	N
T-Mobile License LLC	D51063	FLOYD, VA	2	0010206629	WSBL249	N
T-Mobile License LLC	D51063	FLOYD, VA	3	0010206629	WSBL250	N
T-Mobile License LLC	D51067	FRANKLIN, VA	1	0010206629	WSBL251	N
T-Mobile License LLC	D51067	FRANKLIN, VA	2	0010206629	WSBL252	N
T-Mobile License LLC	D51067	FRANKLIN, VA	3	0010206629	WSBL253	N
T-Mobile License LLC	D51069	FREDERICK, VA	1	0010206629	WSBL254	N
T-Mobile License LLC	D51069	FREDERICK, VA	2	0010206629	WSBL255	N
T-Mobile License LLC	D51069	FREDERICK, VA	3	0010206629	WSBL256	N
T-Mobile License LLC	D51071	GILES, VA	1	0010206629	WSBL257	N

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T-Mobile License LLC	D51071	GILES, VA	2	0010206629	WSBL258	N
T-Mobile License LLC	D51071	GILES, VA	3	0010206629	WSBL259	N
T-Mobile License LLC	D51073	GLOUCESTER, VA	1	0010206629	WSBL260	N
T-Mobile License LLC	D51073	GLOUCESTER, VA	2	0010206629	WSBL261	N
T-Mobile License LLC	D51073	GLOUCESTER, VA	3	0010206629	WSBL262	N
T-Mobile License LLC	D51075	GOOCHLAND, VA	1	0010206629	WSBL263	N
T-Mobile License LLC	D51075	GOOCHLAND, VA	2	0010206629	WSBL264	N
T-Mobile License LLC	D51077	GRAYSON, VA	2	0010206629	WSBL265	N
T-Mobile License LLC	D51077	GRAYSON, VA	3	0010206629	WSBL266	N
T-Mobile License LLC	D51081	GREENSVILLE, VA	2	0010206629	WSBL267	N
T-Mobile License LLC	D51081	GREENSVILLE, VA	3	0010206629	WSBL268	N
T-Mobile License LLC	D51083	HALIFAX, VA	1	0010206629	WSBL269	N
T-Mobile License LLC	D51083	HALIFAX, VA	2	0010206629	WSBL270	N
T-Mobile License LLC	D51083	HALIFAX, VA	3	0010206629	WSBL271	N
T-Mobile License LLC	D51085	HANOVER, VA	1	0010206629	WSBL272	N
T-Mobile License LLC	D51085	HANOVER, VA	2	0010206629	WSBL273	N
T-Mobile License LLC	D51087	HENRICO, VA	1	0010206629	WSBL274	N
T-Mobile License LLC	D51087	HENRICO, VA	2	0010206629	WSBL275	N
T-Mobile License LLC	D51089	HENRY, VA	1	0010206629	WSBL276	N
T-Mobile License LLC	D51089	HENRY, VA	2	0010206629	WSBL277	N
T-Mobile License LLC	D51089	HENRY, VA	3	0010206629	WSBL278	N
T-Mobile License LLC	D51091	HIGHLAND, VA	1	0010206629	WSBL279	N
T-Mobile License LLC	D51091	HIGHLAND, VA	2	0010206629	WSBL280	N
T-Mobile License LLC	D51091	HIGHLAND, VA	3	0010206629	WSBL281	N
T-Mobile License LLC	D51093	ISLE OF WIGHT, VA	1	0010206629	WSBL282	N
T-Mobile License LLC	D51093	ISLE OF WIGHT, VA	2	0010206629	WSBL283	N
T-Mobile License LLC	D51095	JAMES CITY, VA	1	0010206629	WSBL284	N
T-Mobile License LLC	D51095	JAMES CITY, VA	2	0010206629	WSBL285	N
T-Mobile License LLC	D51095	JAMES CITY, VA	3	0010206629	WSBL286	N
T-Mobile License LLC	D51097	KING AND QUEEN, VA	1	0010206629	WSBL287	N
T-Mobile License LLC	D51097	KING AND QUEEN, VA	2	0010206629	WSBL288	N
T-Mobile License LLC	D51099	KING GEORGE, VA	1	0010206629	WSBL289	N
T-Mobile License LLC	D51099	KING GEORGE, VA	2	0010206629	WSBL290	N
T-Mobile License LLC	D51099	KING GEORGE, VA	3	0010206629	WSBL291	N
T-Mobile License LLC	D51101	KING WILLIAM, VA	1	0010206629	WSBL292	N
T-Mobile License LLC	D51101	KING WILLIAM, VA	2	0010206629	WSBL293	N
T-Mobile License LLC	D51103	LANCASTER, VA	1	0010206629	WSBL294	N
T-Mobile License LLC	D51103	LANCASTER, VA	2	0010206629	WSBL295	N
T-Mobile License LLC	D51103	LANCASTER, VA	3	0010206629	WSBL296	N
T-Mobile License LLC	D51105	LEE, VA	1	0010206629	WSBL297	N
T-Mobile License LLC	D51105	LEE, VA	2	0010206629	WSBL298	N
T-Mobile License LLC	D51105	LEE, VA	3	0010206629	WSBL299	N
T-Mobile License LLC	D51107	LOUDOUN, VA	1	0010206629	WSBL300	N
T-Mobile License LLC	D51107	LOUDOUN, VA	2	0010206629	WSBL301	N
T-Mobile License LLC	D51107	LOUDOUN, VA	3	0010206629	WSBL302	N
T-Mobile License LLC	D51109	LOUISA, VA	1	0010206629	WSBL303	N
T-Mobile License LLC	D51109	LOUISA, VA	2	0010206629	WSBL304	N
T-Mobile License LLC	D51109	LOUISA, VA	3	0010206629	WSBL305	N
T-Mobile License LLC	D51111	LUNENBURG, VA	1	0010206629	WSBL306	N
T-Mobile License LLC	D51111	LUNENBURG, VA	2	0010206629	WSBL307	N
T-Mobile License LLC	D51111	LUNENBURG, VA	3	0010206629	WSBL308	N
T-Mobile License LLC	D51113	MADISON, VA	1	0010206629	WSBL309	N
T-Mobile License LLC	D51113	MADISON, VA	2	0010206629	WSBL310	N
T-Mobile License LLC	D51113	MADISON, VA	3	0010206629	WSBL311	N
T-Mobile License LLC	D51115	MATHEWS, VA	1	0010206629	WSBL312	N
T-Mobile License LLC	D51115	MATHEWS, VA	2	0010206629	WSBL313	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D51117	MECKLENBURG, VA	1	0010206629	WSBL314	N
T-Mobile License LLC	D51117	MECKLENBURG, VA	2	0010206629	WSBL315	N
T-Mobile License LLC	D51117	MECKLENBURG, VA	3	0010206629	WSBL316	N
T-Mobile License LLC	D51119	MIDDLESEX, VA	1	0010206629	WSBL317	N
T-Mobile License LLC	D51119	MIDDLESEX, VA	2	0010206629	WSBL318	N
T-Mobile License LLC	D51119	MIDDLESEX, VA	3	0010206629	WSBL319	N
T-Mobile License LLC	D51121	MONTGOMERY, VA	1	0010206629	WSBL320	N
T-Mobile License LLC	D51121	MONTGOMERY, VA	2	0010206629	WSBL321	N
T-Mobile License LLC	D51121	MONTGOMERY, VA	3	0010206629	WSBL322	N
T-Mobile License LLC	D51125	NELSON, VA	1	0010206629	WSBL323	N
T-Mobile License LLC	D51125	NELSON, VA	2	0010206629	WSBL324	N
T-Mobile License LLC	D51127	NEW KENT, VA	1	0010206629	WSBL325	N
T-Mobile License LLC	D51127	NEW KENT, VA	2	0010206629	WSBL326	N
T-Mobile License LLC	D51131	NORTHAMPTON, VA	1	0010206629	WSBL327	N
T-Mobile License LLC	D51131	NORTHAMPTON, VA	2	0010206629	WSBL328	N
T-Mobile License LLC	D51133	NORTHUMBERLAND, VA	1	0010206629	WSBL329	N
T-Mobile License LLC	D51133	NORTHUMBERLAND, VA	2	0010206629	WSBL330	N
T-Mobile License LLC	D51133	NORTHUMBERLAND, VA	3	0010206629	WSBL331	N
T-Mobile License LLC	D51135	NOTTOWAY, VA	1	0010206629	WSBL332	N
T-Mobile License LLC	D51135	NOTTOWAY, VA	2	0010206629	WSBL333	N
T-Mobile License LLC	D51135	NOTTOWAY, VA	3	0010206629	WSBL334	N
T-Mobile License LLC	D51137	ORANGE, VA	1	0010206629	WSBL335	N
T-Mobile License LLC	D51137	ORANGE, VA	2	0010206629	WSBL336	N
T-Mobile License LLC	D51137	ORANGE, VA	3	0010206629	WSBL337	N
T-Mobile License LLC	D51139	PAGE, VA	1	0010206629	WSBL338	N
T-Mobile License LLC	D51139	PAGE, VA	2	0010206629	WSBL339	N
T-Mobile License LLC	D51139	PAGE, VA	3	0010206629	WSBL340	N
T-Mobile License LLC	D51141	PATRICK, VA	1	0010206629	WSBL341	N
T-Mobile License LLC	D51141	PATRICK, VA	2	0010206629	WSBL342	N
T-Mobile License LLC	D51141	PATRICK, VA	3	0010206629	WSBL343	N
T-Mobile License LLC	D51143	PITTSYLVANIA, VA	1	0010206629	WSBL344	N
T-Mobile License LLC	D51143	PITTSYLVANIA, VA	2	0010206629	WSBL345	N
T-Mobile License LLC	D51143	PITTSYLVANIA, VA	3	0010206629	WSBL346	N
T-Mobile License LLC	D51145	POWHATAN, VA	1	0010206629	WSBL347	N
T-Mobile License LLC	D51145	POWHATAN, VA	2	0010206629	WSBL348	N
T-Mobile License LLC	D51147	PRINCE EDWARD, VA	2	0010206629	WSBL349	N
T-Mobile License LLC	D51147	PRINCE EDWARD, VA	3	0010206629	WSBL350	N
T-Mobile License LLC	D51149	PRINCE GEORGE, VA	1	0010206629	WSBL351	N
T-Mobile License LLC	D51149	PRINCE GEORGE, VA	2	0010206629	WSBL352	N
T-Mobile License LLC	D51149	PRINCE GEORGE, VA	3	0010206629	WSBL353	N
T-Mobile License LLC	D51153	PRINCE WILLIAM, VA	1	0010206629	WSBL354	N
T-Mobile License LLC	D51153	PRINCE WILLIAM, VA	2	0010206629	WSBL355	N
T-Mobile License LLC	D51153	PRINCE WILLIAM, VA	3	0010206629	WSBL356	N
T-Mobile License LLC	D51155	PULASKI, VA	1	0010206629	WSBL357	N
T-Mobile License LLC	D51155	PULASKI, VA	2	0010206629	WSBL358	N
T-Mobile License LLC	D51155	PULASKI, VA	3	0010206629	WSBL359	N
T-Mobile License LLC	D51157	RAPPAHANNOCK, VA	1	0010206629	WSBL360	N
T-Mobile License LLC	D51157	RAPPAHANNOCK, VA	2	0010206629	WSBL361	N
T-Mobile License LLC	D51157	RAPPAHANNOCK, VA	3	0010206629	WSBL362	N
T-Mobile License LLC	D51159	RICHMOND, VA	1	0010206629	WSBL363	N
T-Mobile License LLC	D51159	RICHMOND, VA	2	0010206629	WSBL364	N
T-Mobile License LLC	D51163	ROCKBRIDGE, VA	1	0010206629	WSBL365	N
T-Mobile License LLC	D51163	ROCKBRIDGE, VA	2	0010206629	WSBL366	N
T-Mobile License LLC	D51163	ROCKBRIDGE, VA	3	0010206629	WSBL367	N
T-Mobile License LLC	D51167	RUSSELL, VA	1	0010206629	WSBL368	N
T-Mobile License LLC	D51167	RUSSELL, VA	2	0010206629	WSBL369	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D51167	RUSSELL, VA	3	0010206629	WSBL370	N
T-Mobile License LLC	D51169	SCOTT, VA	1	0010206629	WSBL371	N
T-Mobile License LLC	D51169	SCOTT, VA	2	0010206629	WSBL372	N
T-Mobile License LLC	D51169	SCOTT, VA	3	0010206629	WSBL373	N
T-Mobile License LLC	D51171	SHENANDOAH, VA	1	0010206629	WSBL374	N
T-Mobile License LLC	D51171	SHENANDOAH, VA	2	0010206629	WSBL375	N
T-Mobile License LLC	D51171	SHENANDOAH, VA	3	0010206629	WSBL376	N
T-Mobile License LLC	D51173	SMYTH, VA	2	0010206629	WSBL377	N
T-Mobile License LLC	D51173	SMYTH, VA	3	0010206629	WSBL378	N
T-Mobile License LLC	D51175	SOUTHAMPTON, VA	1	0010206629	WSBL379	N
T-Mobile License LLC	D51175	SOUTHAMPTON, VA	2	0010206629	WSBL380	N
T-Mobile License LLC	D51175	SOUTHAMPTON, VA	3	0010206629	WSBL381	N
T-Mobile License LLC	D51177	SPOTSYLVANIA, VA	2	0010206629	WSBL382	N
T-Mobile License LLC	D51177	SPOTSYLVANIA, VA	3	0010206629	WSBL383	N
T-Mobile License LLC	D51179	STAFFORD, VA	1	0010206629	WSBL384	N
T-Mobile License LLC	D51179	STAFFORD, VA	2	0010206629	WSBL385	N
T-Mobile License LLC	D51179	STAFFORD, VA	3	0010206629	WSBL386	N
T-Mobile License LLC	D51181	SURRY, VA	1	0010206629	WSBL387	N
T-Mobile License LLC	D51181	SURRY, VA	2	0010206629	WSBL388	N
T-Mobile License LLC	D51181	SURRY, VA	3	0010206629	WSBL389	N
T-Mobile License LLC	D51183	SUSSEX, VA	1	0010206629	WSBL390	N
T-Mobile License LLC	D51183	SUSSEX, VA	2	0010206629	WSBL391	N
T-Mobile License LLC	D51183	SUSSEX, VA	3	0010206629	WSBL392	N
T-Mobile License LLC	D51185	TAZEWELL, VA	1	0010206629	WSBL393	N
T-Mobile License LLC	D51185	TAZEWELL, VA	2	0010206629	WSBL394	N
T-Mobile License LLC	D51185	TAZEWELL, VA	3	0010206629	WSBL395	N
T-Mobile License LLC	D51187	WARREN, VA	1	0010206629	WSBL396	N
T-Mobile License LLC	D51187	WARREN, VA	2	0010206629	WSBL397	N
T-Mobile License LLC	D51187	WARREN, VA	3	0010206629	WSBL398	N
T-Mobile License LLC	D51191	WASHINGTON, VA	1	0010206629	WSBL399	N
T-Mobile License LLC	D51191	WASHINGTON, VA	2	0010206629	WSBL400	N
T-Mobile License LLC	D51191	WASHINGTON, VA	3	0010206629	WSBL401	N
T-Mobile License LLC	D51193	WESTMORELAND, VA	1	0010206629	WSBL402	N
T-Mobile License LLC	D51193	WESTMORELAND, VA	2	0010206629	WSBL403	N
T-Mobile License LLC	D51193	WESTMORELAND, VA	3	0010206629	WSBL404	N
T-Mobile License LLC	D51195	WISE, VA	2	0010206629	WSBL405	N
T-Mobile License LLC	D51195	WISE, VA	3	0010206629	WSBL406	N
T-Mobile License LLC	D51197	WYTHE, VA	1	0010206629	WSBL407	N
T-Mobile License LLC	D51197	WYTHE, VA	2	0010206629	WSBL408	N
T-Mobile License LLC	D51197	WYTHE, VA	3	0010206629	WSBL409	N
T-Mobile License LLC	D51199	YORK, VA	1	0010206629	WSBL410	N
T-Mobile License LLC	D51199	YORK, VA	2	0010206629	WSBL411	N
T-Mobile License LLC	D51199	YORK, VA	3	0010206629	WSBL412	N
T-Mobile License LLC	D51520	BRISTOL CITY, VA	1	0010206629	WSBL413	N
T-Mobile License LLC	D51520	BRISTOL CITY, VA	2	0010206629	WSBL414	N
T-Mobile License LLC	D51520	BRISTOL CITY, VA	3	0010206629	WSBL415	N
T-Mobile License LLC	D51530	BUENA VISTA CITY, VA	1	0010206629	WSBL416	N
T-Mobile License LLC	D51530	BUENA VISTA CITY, VA	2	0010206629	WSBL417	N
T-Mobile License LLC	D51570	COLONIAL HEIGHTS CITY, VA	1	0010206629	WSBL418	N
T-Mobile License LLC	D51570	COLONIAL HEIGHTS CITY, VA	2	0010206629	WSBL419	N
T-Mobile License LLC	D51580	COVINGTON CITY, VA	1	0010206629	WSBL420	N
T-Mobile License LLC	D51580	COVINGTON CITY, VA	2	0010206629	WSBL421	N
T-Mobile License LLC	D51590	DANVILLE CITY, VA	1	0010206629	WSBL422	N
T-Mobile License LLC	D51590	DANVILLE CITY, VA	2	0010206629	WSBL423	N
T-Mobile License LLC	D51590	DANVILLE CITY, VA	3	0010206629	WSBL424	N
T-Mobile License LLC	D51595	EMPORIA CITY, VA	2	0010206629	WSBL425	N

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T-Mobile License LLC	D51595	EMPORIA CITY, VA	3	0010206629	WSBL426	N
T-Mobile License LLC	D51620	FRANKLIN CITY, VA	1	0010206629	WSBL427	N
T-Mobile License LLC	D51620	FRANKLIN CITY, VA	2	0010206629	WSBL428	N
T-Mobile License LLC	D51630	FREDERICKSBURG CITY, VA	2	0010206629	WSBL429	N
T-Mobile License LLC	D51630	FREDERICKSBURG CITY, VA	3	0010206629	WSBL430	N
T-Mobile License LLC	D51640	GALAX CITY, VA	2	0010206629	WSBL431	N
T-Mobile License LLC	D51640	GALAX CITY, VA	3	0010206629	WSBL432	N
T-Mobile License LLC	D51670	HOPEWELL CITY, VA	1	0010206629	WSBL433	N
T-Mobile License LLC	D51670	HOPEWELL CITY, VA	2	0010206629	WSBL434	N
T-Mobile License LLC	D51678	LEXINGTON CITY, VA	1	0010206629	WSBL435	N
T-Mobile License LLC	D51678	LEXINGTON CITY, VA	2	0010206629	WSBL436	N
T-Mobile License LLC	D51680	LYNCHBURG CITY, VA	1	0010206629	WSBL437	N
T-Mobile License LLC	D51680	LYNCHBURG CITY, VA	2	0010206629	WSBL438	N
T-Mobile License LLC	D51690	MARTINSVILLE CITY, VA	1	0010206629	WSBL439	N
T-Mobile License LLC	D51690	MARTINSVILLE CITY, VA	2	0010206629	WSBL440	N
T-Mobile License LLC	D51690	MARTINSVILLE CITY, VA	3	0010206629	WSBL441	N
T-Mobile License LLC	D51720	NORTON CITY, VA	1	0010206629	WSBL442	N
T-Mobile License LLC	D51720	NORTON CITY, VA	2	0010206629	WSBL443	N
T-Mobile License LLC	D51720	NORTON CITY, VA	3	0010206629	WSBL444	N
T-Mobile License LLC	D51730	PETERSBURG CITY, VA	1	0010206629	WSBL445	N
T-Mobile License LLC	D51730	PETERSBURG CITY, VA	2	0010206629	WSBL446	N
T-Mobile License LLC	D51750	RADFORD CITY, VA	1	0010206629	WSBL447	N
T-Mobile License LLC	D51750	RADFORD CITY, VA	2	0010206629	WSBL448	N
T-Mobile License LLC	D51750	RADFORD CITY, VA	3	0010206629	WSBL449	N
T-Mobile License LLC	D51760	RICHMOND CITY, VA	1	0010206629	WSBL450	N
T-Mobile License LLC	D51760	RICHMOND CITY, VA	2	0010206629	WSBL451	N
T-Mobile License LLC	D51800	SUFFOLK CITY, VA	1	0010206629	WSBL452	N
T-Mobile License LLC	D51800	SUFFOLK CITY, VA	2	0010206629	WSBL453	N
T-Mobile License LLC	D51810	VIRGINIA BEACH CITY, VA	1	0010206629	WSBL454	N
T-Mobile License LLC	D51810	VIRGINIA BEACH CITY, VA	2	0010206629	WSBL455	N
T-Mobile License LLC	D51810	VIRGINIA BEACH CITY, VA	3	0010206629	WSBL456	N
T-Mobile License LLC	D51830	WILLIAMSBURG CITY, VA	1	0010206629	WSBL457	N
T-Mobile License LLC	D51830	WILLIAMSBURG CITY, VA	2	0010206629	WSBL458	N
T-Mobile License LLC	D51830	WILLIAMSBURG CITY, VA	3	0010206629	WSBL459	N
T-Mobile License LLC	D51840	WINCHESTER CITY, VA	2	0010206629	WSBL460	N
T-Mobile License LLC	D51840	WINCHESTER CITY, VA	3	0010206629	WSBL461	N
T-Mobile License LLC	D53001	ADAMS, WA	1	0010206629	WSBL462	N
T-Mobile License LLC	D53001	ADAMS, WA	2	0010206629	WSBL463	N
T-Mobile License LLC	D53001	ADAMS, WA	3	0010206629	WSBL464	N
T-Mobile License LLC	D53003	ASOTIN, WA	1	0010206629	WSBL465	N
T-Mobile License LLC	D53003	ASOTIN, WA	2	0010206629	WSBL466	N
T-Mobile License LLC	D53003	ASOTIN, WA	3	0010206629	WSBL467	N
T-Mobile License LLC	D53005	BENTON, WA	2	0010206629	WSBL468	N
T-Mobile License LLC	D53005	BENTON, WA	3	0010206629	WSBL469	N
T-Mobile License LLC	D53007	CHELAN, WA	2	0010206629	WSBL470	N
T-Mobile License LLC	D53007	CHELAN, WA	3	0010206629	WSBL471	N
T-Mobile License LLC	D53009	CLALLAM, WA	2	0010206629	WSBL472	N
T-Mobile License LLC	D53009	CLALLAM, WA	3	0010206629	WSBL473	N
T-Mobile License LLC	D53011	CLARK, WA	1	0010206629	WSBL474	N
T-Mobile License LLC	D53011	CLARK, WA	2	0010206629	WSBL475	N
T-Mobile License LLC	D53011	CLARK, WA	3	0010206629	WSBL476	N
T-Mobile License LLC	D53013	COLUMBIA, WA	1	0010206629	WSBL477	N
T-Mobile License LLC	D53013	COLUMBIA, WA	2	0010206629	WSBL478	N
T-Mobile License LLC	D53013	COLUMBIA, WA	3	0010206629	WSBL479	N
T-Mobile License LLC	D53015	COWLITZ, WA	2	0010206629	WSBL480	N
T-Mobile License LLC	D53015	COWLITZ, WA	3	0010206629	WSBL481	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D53017	DOUGLAS, WA	1	0010206629	WSBL482	N
T-Mobile License LLC	D53017	DOUGLAS, WA	2	0010206629	WSBL483	N
T-Mobile License LLC	D53017	DOUGLAS, WA	3	0010206629	WSBL484	N
T-Mobile License LLC	D53019	FERRY, WA	2	0010206629	WSBL485	N
T-Mobile License LLC	D53019	FERRY, WA	3	0010206629	WSBL486	N
T-Mobile License LLC	D53021	FRANKLIN, WA	2	0010206629	WSBL487	N
T-Mobile License LLC	D53021	FRANKLIN, WA	3	0010206629	WSBL488	N
T-Mobile License LLC	D53023	GARFIELD, WA	1	0010206629	WSBL489	N
T-Mobile License LLC	D53023	GARFIELD, WA	2	0010206629	WSBL490	N
T-Mobile License LLC	D53023	GARFIELD, WA	3	0010206629	WSBL491	N
T-Mobile License LLC	D53025	GRANT, WA	2	0010206629	WSBL492	N
T-Mobile License LLC	D53025	GRANT, WA	3	0010206629	WSBL493	N
T-Mobile License LLC	D53027	GRAYS HARBOR, WA	2	0010206629	WSBL494	N
T-Mobile License LLC	D53027	GRAYS HARBOR, WA	3	0010206629	WSBL495	N
T-Mobile License LLC	D53029	ISLAND, WA	1	0010206629	WSBL496	N
T-Mobile License LLC	D53029	ISLAND, WA	2	0010206629	WSBL497	N
T-Mobile License LLC	D53029	ISLAND, WA	3	0010206629	WSBL498	N
T-Mobile License LLC	D53031	JEFFERSON, WA	1	0010206629	WSBL499	N
T-Mobile License LLC	D53031	JEFFERSON, WA	2	0010206629	WSBL500	N
T-Mobile License LLC	D53031	JEFFERSON, WA	3	0010206629	WSBL501	N
T-Mobile License LLC	D53033	KING, WA	2	0010206629	WSBL502	N
T-Mobile License LLC	D53033	KING, WA	3	0010206629	WSBL503	N
T-Mobile License LLC	D53037	KITTITAS, WA	2	0010206629	WSBL504	N
T-Mobile License LLC	D53037	KITTITAS, WA	3	0010206629	WSBL505	N
T-Mobile License LLC	D53039	KLICKITAT, WA	2	0010206629	WSBL506	N
T-Mobile License LLC	D53039	KLICKITAT, WA	3	0010206629	WSBL507	N
T-Mobile License LLC	D53041	LEWIS, WA	1	0010206629	WSBL508	N
T-Mobile License LLC	D53041	LEWIS, WA	2	0010206629	WSBL509	N
T-Mobile License LLC	D53041	LEWIS, WA	3	0010206629	WSBL510	N
T-Mobile License LLC	D53043	LINCOLN, WA	1	0010206629	WSBL511	N
T-Mobile License LLC	D53043	LINCOLN, WA	2	0010206629	WSBL512	N
T-Mobile License LLC	D53043	LINCOLN, WA	3	0010206629	WSBL513	N
T-Mobile License LLC	D53045	MASON, WA	1	0010206629	WSBL514	N
T-Mobile License LLC	D53045	MASON, WA	2	0010206629	WSBL515	N
T-Mobile License LLC	D53045	MASON, WA	3	0010206629	WSBL516	N
T-Mobile License LLC	D53047	OKANOGAN, WA	1	0010206629	WSBL517	N
T-Mobile License LLC	D53047	OKANOGAN, WA	2	0010206629	WSBL518	N
T-Mobile License LLC	D53047	OKANOGAN, WA	3	0010206629	WSBL519	N
T-Mobile License LLC	D53049	PACIFIC, WA	3	0010206629	WSBL520	N
T-Mobile License LLC	D53051	PEND OREILLE, WA	1	0010206629	WSBL521	N
T-Mobile License LLC	D53051	PEND OREILLE, WA	2	0010206629	WSBL522	N
T-Mobile License LLC	D53051	PEND OREILLE, WA	3	0010206629	WSBL523	N
T-Mobile License LLC	D53053	PIERCE, WA	1	0010206629	WSBL524	N
T-Mobile License LLC	D53053	PIERCE, WA	2	0010206629	WSBL525	N
T-Mobile License LLC	D53053	PIERCE, WA	3	0010206629	WSBL526	N
T-Mobile License LLC	D53057	SKAGIT, WA	1	0010206629	WSBL527	N
T-Mobile License LLC	D53057	SKAGIT, WA	2	0010206629	WSBL528	N
T-Mobile License LLC	D53057	SKAGIT, WA	3	0010206629	WSBL529	N
T-Mobile License LLC	D53059	SKAMANIA, WA	1	0010206629	WSBL530	N
T-Mobile License LLC	D53059	SKAMANIA, WA	2	0010206629	WSBL531	N
T-Mobile License LLC	D53059	SKAMANIA, WA	3	0010206629	WSBL532	N
T-Mobile License LLC	D53061	SNOHOMISH, WA	1	0010206629	WSBL533	N
T-Mobile License LLC	D53061	SNOHOMISH, WA	2	0010206629	WSBL534	N
T-Mobile License LLC	D53061	SNOHOMISH, WA	3	0010206629	WSBL535	N
T-Mobile License LLC	D53065	STEVENS, WA	1	0010206629	WSBL536	N
T-Mobile License LLC	D53065	STEVENS, WA	2	0010206629	WSBL537	N

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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D53065	STEVENS, WA	3	0010206629	WSBL538	N
T-Mobile License LLC	D53067	THURSTON, WA	1	0010206629	WSBL539	N
T-Mobile License LLC	D53067	THURSTON, WA	2	0010206629	WSBL540	N
T-Mobile License LLC	D53067	THURSTON, WA	3	0010206629	WSBL541	N
T-Mobile License LLC	D53069	WAHKIAKUM, WA	2	0010206629	WSBL542	N
T-Mobile License LLC	D53069	WAHKIAKUM, WA	3	0010206629	WSBL543	N
T-Mobile License LLC	D53071	WALLA WALLA, WA	2	0010206629	WSBL544	N
T-Mobile License LLC	D53071	WALLA WALLA, WA	3	0010206629	WSBL545	N
T-Mobile License LLC	D53073	WHATCOM, WA	1	0010206629	WSBL546	N
T-Mobile License LLC	D53073	WHATCOM, WA	2	0010206629	WSBL547	N
T-Mobile License LLC	D53073	WHATCOM, WA	3	0010206629	WSBL548	N
T-Mobile License LLC	D53075	WHITMAN, WA	1	0010206629	WSBL549	N
T-Mobile License LLC	D53075	WHITMAN, WA	2	0010206629	WSBL550	N
T-Mobile License LLC	D53075	WHITMAN, WA	3	0010206629	WSBL551	N
T-Mobile License LLC	D53077	YAKIMA, WA	1	0010206629	WSBL552	N
T-Mobile License LLC	D54001	BARBOUR, WV	1	0010206629	WSBL553	N
T-Mobile License LLC	D54001	BARBOUR, WV	2	0010206629	WSBL554	N
T-Mobile License LLC	D54001	BARBOUR, WV	3	0010206629	WSBL555	N
T-Mobile License LLC	D54003	BERKELEY, WV	1	0010206629	WSBL556	N
T-Mobile License LLC	D54003	BERKELEY, WV	2	0010206629	WSBL557	N
T-Mobile License LLC	D54003	BERKELEY, WV	3	0010206629	WSBL558	N
T-Mobile License LLC	D54005	BOONE, WV	1	0010206629	WSBL559	N
T-Mobile License LLC	D54005	BOONE, WV	2	0010206629	WSBL560	N
T-Mobile License LLC	D54005	BOONE, WV	3	0010206629	WSBL561	N
T-Mobile License LLC	D54007	BRAXTON, WV	2	0010206629	WSBL562	N
T-Mobile License LLC	D54007	BRAXTON, WV	3	0010206629	WSBL563	N
T-Mobile License LLC	D54009	BROOKE, WV	1	0010206629	WSBL564	N
T-Mobile License LLC	D54009	BROOKE, WV	2	0010206629	WSBL565	N
T-Mobile License LLC	D54009	BROOKE, WV	3	0010206629	WSBL566	N
T-Mobile License LLC	D54011	CABELL, WV	1	0010206629	WSBL567	N
T-Mobile License LLC	D54011	CABELL, WV	2	0010206629	WSBL568	N
T-Mobile License LLC	D54011	CABELL, WV	3	0010206629	WSBL569	N
T-Mobile License LLC	D54013	CALHOUN, WV	1	0010206629	WSBL570	N
T-Mobile License LLC	D54013	CALHOUN, WV	2	0010206629	WSBL571	N
T-Mobile License LLC	D54013	CALHOUN, WV	3	0010206629	WSBL572	N
T-Mobile License LLC	D54015	CLAY, WV	2	0010206629	WSBL573	N
T-Mobile License LLC	D54015	CLAY, WV	3	0010206629	WSBL574	N
T-Mobile License LLC	D54017	DODDRIDGE, WV	1	0010206629	WSBL575	N
T-Mobile License LLC	D54017	DODDRIDGE, WV	2	0010206629	WSBL576	N
T-Mobile License LLC	D54017	DODDRIDGE, WV	3	0010206629	WSBL577	N
T-Mobile License LLC	D54019	FAYETTE, WV	2	0010206629	WSBL578	N
T-Mobile License LLC	D54019	FAYETTE, WV	3	0010206629	WSBL579	N
T-Mobile License LLC	D54021	GILMER, WV	1	0010206629	WSBL580	N
T-Mobile License LLC	D54021	GILMER, WV	2	0010206629	WSBL581	N
T-Mobile License LLC	D54021	GILMER, WV	3	0010206629	WSBL582	N
T-Mobile License LLC	D54023	GRANT, WV	1	0010206629	WSBL583	N
T-Mobile License LLC	D54023	GRANT, WV	2	0010206629	WSBL584	N
T-Mobile License LLC	D54023	GRANT, WV	3	0010206629	WSBL585	N
T-Mobile License LLC	D54025	GREENBRIER, WV	1	0010206629	WSBL586	N
T-Mobile License LLC	D54025	GREENBRIER, WV	2	0010206629	WSBL587	N
T-Mobile License LLC	D54025	GREENBRIER, WV	3	0010206629	WSBL588	N
T-Mobile License LLC	D54027	HAMPSHIRE, WV	1	0010206629	WSBL589	N
T-Mobile License LLC	D54027	HAMPSHIRE, WV	2	0010206629	WSBL590	N
T-Mobile License LLC	D54027	HAMPSHIRE, WV	3	0010206629	WSBL591	N
T-Mobile License LLC	D54029	HANCOCK, WV	1	0010206629	WSBL592	N
T-Mobile License LLC	D54029	HANCOCK, WV	2	0010206629	WSBL593	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D54029	HANCOCK, WV	3	0010206629	WSBL594	N
T-Mobile License LLC	D54031	HARDY, WV	1	0010206629	WSBL595	N
T-Mobile License LLC	D54031	HARDY, WV	2	0010206629	WSBL596	N
T-Mobile License LLC	D54031	HARDY, WV	3	0010206629	WSBL597	N
T-Mobile License LLC	D54033	HARRISON, WV	1	0010206629	WSBL598	N
T-Mobile License LLC	D54033	HARRISON, WV	2	0010206629	WSBL599	N
T-Mobile License LLC	D54033	HARRISON, WV	3	0010206629	WSBL600	N
T-Mobile License LLC	D54035	JACKSON, WV	1	0010206629	WSBL601	N
T-Mobile License LLC	D54035	JACKSON, WV	2	0010206629	WSBL602	N
T-Mobile License LLC	D54035	JACKSON, WV	3	0010206629	WSBL603	N
T-Mobile License LLC	D54037	JEFFERSON, WV	1	0010206629	WSBL604	N
T-Mobile License LLC	D54037	JEFFERSON, WV	2	0010206629	WSBL605	N
T-Mobile License LLC	D54037	JEFFERSON, WV	3	0010206629	WSBL606	N
T-Mobile License LLC	D54039	KANAWHA, WV	1	0010206629	WSBL607	N
T-Mobile License LLC	D54039	KANAWHA, WV	2	0010206629	WSBL608	N
T-Mobile License LLC	D54039	KANAWHA, WV	3	0010206629	WSBL609	N
T-Mobile License LLC	D54041	LEWIS, WV	1	0010206629	WSBL610	N
T-Mobile License LLC	D54041	LEWIS, WV	2	0010206629	WSBL611	N
T-Mobile License LLC	D54041	LEWIS, WV	3	0010206629	WSBL612	N
T-Mobile License LLC	D54043	LINCOLN, WV	1	0010206629	WSBL613	N
T-Mobile License LLC	D54043	LINCOLN, WV	2	0010206629	WSBL614	N
T-Mobile License LLC	D54043	LINCOLN, WV	3	0010206629	WSBL615	N
T-Mobile License LLC	D54045	LOGAN, WV	1	0010206629	WSBL616	N
T-Mobile License LLC	D54045	LOGAN, WV	2	0010206629	WSBL617	N
T-Mobile License LLC	D54045	LOGAN, WV	3	0010206629	WSBL618	N
T-Mobile License LLC	D54047	MCDOWELL, WV	1	0010206629	WSBL619	N
T-Mobile License LLC	D54047	MCDOWELL, WV	2	0010206629	WSBL620	N
T-Mobile License LLC	D54047	MCDOWELL, WV	3	0010206629	WSBL621	N
T-Mobile License LLC	D54049	MARION, WV	1	0010206629	WSBL622	N
T-Mobile License LLC	D54049	MARION, WV	2	0010206629	WSBL623	N
T-Mobile License LLC	D54049	MARION, WV	3	0010206629	WSBL624	N
T-Mobile License LLC	D54051	MARSHALL, WV	1	0010206629	WSBL625	N
T-Mobile License LLC	D54051	MARSHALL, WV	2	0010206629	WSBL626	N
T-Mobile License LLC	D54051	MARSHALL, WV	3	0010206629	WSBL627	N
T-Mobile License LLC	D54053	MASON, WV	1	0010206629	WSBL628	N
T-Mobile License LLC	D54053	MASON, WV	2	0010206629	WSBL629	N
T-Mobile License LLC	D54053	MASON, WV	3	0010206629	WSBL630	N
T-Mobile License LLC	D54055	MERCER, WV	2	0010206629	WSBL631	N
T-Mobile License LLC	D54055	MERCER, WV	3	0010206629	WSBL632	N
T-Mobile License LLC	D54057	MINERAL, WV	2	0010206629	WSBL633	N
T-Mobile License LLC	D54057	MINERAL, WV	3	0010206629	WSBL634	N
T-Mobile License LLC	D54059	MINGO, WV	1	0010206629	WSBL635	N
T-Mobile License LLC	D54059	MINGO, WV	2	0010206629	WSBL636	N
T-Mobile License LLC	D54059	MINGO, WV	3	0010206629	WSBL637	N
T-Mobile License LLC	D54061	MONONGALIA, WV	1	0010206629	WSBL638	N
T-Mobile License LLC	D54061	MONONGALIA, WV	2	0010206629	WSBL639	N
T-Mobile License LLC	D54061	MONONGALIA, WV	3	0010206629	WSBL640	N
T-Mobile License LLC	D54063	MONROE, WV	1	0010206629	WSBL641	N
T-Mobile License LLC	D54063	MONROE, WV	2	0010206629	WSBL642	N
T-Mobile License LLC	D54063	MONROE, WV	3	0010206629	WSBL643	N
T-Mobile License LLC	D54065	MORGAN, WV	1	0010206629	WSBL644	N
T-Mobile License LLC	D54065	MORGAN, WV	2	0010206629	WSBL645	N
T-Mobile License LLC	D54065	MORGAN, WV	3	0010206629	WSBL646	N
T-Mobile License LLC	D54067	NICHOLAS, WV	2	0010206629	WSBL647	N
T-Mobile License LLC	D54067	NICHOLAS, WV	3	0010206629	WSBL648	N
T-Mobile License LLC	D54069	OHIO, WV	1	0010206629	WSBL649	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D54069	OHIO, WV	2	0010206629	WSBL650	N
T-Mobile License LLC	D54069	OHIO, WV	3	0010206629	WSBL651	N
T-Mobile License LLC	D54071	PENDLETON, WV	1	0010206629	WSBL652	N
T-Mobile License LLC	D54071	PENDLETON, WV	2	0010206629	WSBL653	N
T-Mobile License LLC	D54071	PENDLETON, WV	3	0010206629	WSBL654	N
T-Mobile License LLC	D54073	PLEASANTS, WV	1	0010206629	WSBL655	N
T-Mobile License LLC	D54073	PLEASANTS, WV	2	0010206629	WSBL656	N
T-Mobile License LLC	D54073	PLEASANTS, WV	3	0010206629	WSBL657	N
T-Mobile License LLC	D54075	POCAHONTAS, WV	1	0010206629	WSBL658	N
T-Mobile License LLC	D54075	POCAHONTAS, WV	2	0010206629	WSBL659	N
T-Mobile License LLC	D54075	POCAHONTAS, WV	3	0010206629	WSBL660	N
T-Mobile License LLC	D54077	PRESTON, WV	1	0010206629	WSBL661	N
T-Mobile License LLC	D54077	PRESTON, WV	2	0010206629	WSBL662	N
T-Mobile License LLC	D54077	PRESTON, WV	3	0010206629	WSBL663	N
T-Mobile License LLC	D54079	PUTNAM, WV	1	0010206629	WSBL664	N
T-Mobile License LLC	D54079	PUTNAM, WV	2	0010206629	WSBL665	N
T-Mobile License LLC	D54079	PUTNAM, WV	3	0010206629	WSBL666	N
T-Mobile License LLC	D54081	RALEIGH, WV	2	0010206629	WSBL667	N
T-Mobile License LLC	D54081	RALEIGH, WV	3	0010206629	WSBL668	N
T-Mobile License LLC	D54083	RANDOLPH, WV	1	0010206629	WSBL669	N
T-Mobile License LLC	D54083	RANDOLPH, WV	2	0010206629	WSBL670	N
T-Mobile License LLC	D54083	RANDOLPH, WV	3	0010206629	WSBL671	N
T-Mobile License LLC	D54085	RITCHIE, WV	1	0010206629	WSBL672	N
T-Mobile License LLC	D54085	RITCHIE, WV	2	0010206629	WSBL673	N
T-Mobile License LLC	D54085	RITCHIE, WV	3	0010206629	WSBL674	N
T-Mobile License LLC	D54087	ROANE, WV	1	0010206629	WSBL675	N
T-Mobile License LLC	D54087	ROANE, WV	2	0010206629	WSBL676	N
T-Mobile License LLC	D54087	ROANE, WV	3	0010206629	WSBL677	N
T-Mobile License LLC	D54089	SUMMERS, WV	2	0010206629	WSBL678	N
T-Mobile License LLC	D54089	SUMMERS, WV	3	0010206629	WSBL679	N
T-Mobile License LLC	D54091	TAYLOR, WV	1	0010206629	WSBL680	N
T-Mobile License LLC	D54091	TAYLOR, WV	2	0010206629	WSBL681	N
T-Mobile License LLC	D54091	TAYLOR, WV	3	0010206629	WSBL682	N
T-Mobile License LLC	D54093	TUCKER, WV	1	0010206629	WSBL683	N
T-Mobile License LLC	D54093	TUCKER, WV	2	0010206629	WSBL684	N
T-Mobile License LLC	D54093	TUCKER, WV	3	0010206629	WSBL685	N
T-Mobile License LLC	D54095	TYLER, WV	1	0010206629	WSBL686	N
T-Mobile License LLC	D54095	TYLER, WV	2	0010206629	WSBL687	N
T-Mobile License LLC	D54095	TYLER, WV	3	0010206629	WSBL688	N
T-Mobile License LLC	D54097	UPSHUR, WV	1	0010206629	WSBL689	N
T-Mobile License LLC	D54097	UPSHUR, WV	2	0010206629	WSBL690	N
T-Mobile License LLC	D54097	UPSHUR, WV	3	0010206629	WSBL691	N
T-Mobile License LLC	D54099	WAYNE, WV	1	0010206629	WSBL692	N
T-Mobile License LLC	D54099	WAYNE, WV	2	0010206629	WSBL693	N
T-Mobile License LLC	D54099	WAYNE, WV	3	0010206629	WSBL694	N
T-Mobile License LLC	D54101	WEBSTER, WV	2	0010206629	WSBL695	N
T-Mobile License LLC	D54101	WEBSTER, WV	3	0010206629	WSBL696	N
T-Mobile License LLC	D54103	WETZEL, WV	1	0010206629	WSBL697	N
T-Mobile License LLC	D54103	WETZEL, WV	2	0010206629	WSBL698	N
T-Mobile License LLC	D54103	WETZEL, WV	3	0010206629	WSBL699	N
T-Mobile License LLC	D54105	WIRT, WV	1	0010206629	WSBL700	N
T-Mobile License LLC	D54105	WIRT, WV	2	0010206629	WSBL701	N
T-Mobile License LLC	D54105	WIRT, WV	3	0010206629	WSBL702	N
T-Mobile License LLC	D54107	WOOD, WV	1	0010206629	WSBL703	N
T-Mobile License LLC	D54107	WOOD, WV	2	0010206629	WSBL704	N
T-Mobile License LLC	D54107	WOOD, WV	3	0010206629	WSBL705	N

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2.5 GHz EDUCATIONAL BROADBAND SERVICES
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D54109	WYOMING, WV	1	0010206629	WSBL706	N
T-Mobile License LLC	D54109	WYOMING, WV	2	0010206629	WSBL707	N
T-Mobile License LLC	D54109	WYOMING, WV	3	0010206629	WSBL708	N
T-Mobile License LLC	D55001	ADAMS, WI	2	0010206629	WSBL709	N
T-Mobile License LLC	D55001	ADAMS, WI	3	0010206629	WSBL710	N
T-Mobile License LLC	D55005	BARRON, WI	1	0010206629	WSBL711	N
T-Mobile License LLC	D55005	BARRON, WI	2	0010206629	WSBL712	N
T-Mobile License LLC	D55005	BARRON, WI	3	0010206629	WSBL713	N
T-Mobile License LLC	D55007	BAYFIELD, WI	2	0010206629	WSBL714	N
T-Mobile License LLC	D55007	BAYFIELD, WI	3	0010206629	WSBL715	N
T-Mobile License LLC	D55009	BROWN, WI	1	0010206629	WSBL716	N
T-Mobile License LLC	D55009	BROWN, WI	2	0010206629	WSBL717	N
T-Mobile License LLC	D55011	BUFFALO, WI	1	0010206629	WSBL718	N
T-Mobile License LLC	D55011	BUFFALO, WI	2	0010206629	WSBL719	N
T-Mobile License LLC	D55011	BUFFALO, WI	3	0010206629	WSBL720	N
T-Mobile License LLC	D55013	BURNETT, WI	1	0010206629	WSBL721	N
T-Mobile License LLC	D55013	BURNETT, WI	2	0010206629	WSBL722	N
T-Mobile License LLC	D55013	BURNETT, WI	3	0010206629	WSBL723	N
T-Mobile License LLC	D55015	CALUMET, WI	1	0010206629	WSBL724	N
T-Mobile License LLC	D55015	CALUMET, WI	2	0010206629	WSBL725	N
T-Mobile License LLC	D55015	CALUMET, WI	3	0010206629	WSBL726	N
T-Mobile License LLC	D55017	CHIPPEWA, WI	1	0010206629	WSBL727	N
T-Mobile License LLC	D55017	CHIPPEWA, WI	2	0010206629	WSBL728	N
T-Mobile License LLC	D55017	CHIPPEWA, WI	3	0010206629	WSBL729	N
T-Mobile License LLC	D55019	CLARK, WI	1	0010206629	WSBL730	N
T-Mobile License LLC	D55019	CLARK, WI	2	0010206629	WSBL731	N
T-Mobile License LLC	D55019	CLARK, WI	3	0010206629	WSBL732	N
T-Mobile License LLC	D55021	COLUMBIA, WI	1	0010206629	WSBL733	N
T-Mobile License LLC	D55021	COLUMBIA, WI	2	0010206629	WSBL734	N
T-Mobile License LLC	D55021	COLUMBIA, WI	3	0010206629	WSBL735	N
T-Mobile License LLC	D55023	CRAWFORD, WI	1	0010206629	WSBL736	N
T-Mobile License LLC	D55023	CRAWFORD, WI	2	0010206629	WSBL737	N
T-Mobile License LLC	D55023	CRAWFORD, WI	3	0010206629	WSBL738	N
T-Mobile License LLC	D55025	DANE, WI	1	0010206629	WSBL739	N
T-Mobile License LLC	D55025	DANE, WI	2	0010206629	WSBL740	N
T-Mobile License LLC	D55027	DODGE, WI	1	0010206629	WSBL741	N
T-Mobile License LLC	D55027	DODGE, WI	2	0010206629	WSBL742	N
T-Mobile License LLC	D55027	DODGE, WI	3	0010206629	WSBL743	N
T-Mobile License LLC	D55029	DOOR, WI	2	0010206629	WSBL744	N
T-Mobile License LLC	D55029	DOOR, WI	3	0010206629	WSBL745	N
T-Mobile License LLC	D55031	DOUGLAS, WI	2	0010206629	WSBL746	N
T-Mobile License LLC	D55031	DOUGLAS, WI	3	0010206629	WSBL747	N
T-Mobile License LLC	D55033	DUNN, WI	1	0010206629	WSBL748	N
T-Mobile License LLC	D55033	DUNN, WI	2	0010206629	WSBL749	N
T-Mobile License LLC	D55033	DUNN, WI	3	0010206629	WSBL750	N
T-Mobile License LLC	D55035	EAU CLAIRE, WI	1	0010206629	WSBL751	N
T-Mobile License LLC	D55035	EAU CLAIRE, WI	2	0010206629	WSBL752	N
T-Mobile License LLC	D55035	EAU CLAIRE, WI	3	0010206629	WSBL753	N
T-Mobile License LLC	D55037	FLORENCE, WI	1	0010206629	WSBL754	N
T-Mobile License LLC	D55037	FLORENCE, WI	2	0010206629	WSBL755	N
T-Mobile License LLC	D55037	FLORENCE, WI	3	0010206629	WSBL756	N
T-Mobile License LLC	D55039	FOND DU LAC, WI	1	0010206629	WSBL757	N
T-Mobile License LLC	D55039	FOND DU LAC, WI	2	0010206629	WSBL758	N
T-Mobile License LLC	D55039	FOND DU LAC, WI	3	0010206629	WSBL759	N
T-Mobile License LLC	D55041	FOREST, WI	2	0010206629	WSBL760	N
T-Mobile License LLC	D55041	FOREST, WI	3	0010206629	WSBL761	N

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T-Mobile License LLC	D55043	GRANT, WI	2	0010206629	WSBL762	N
T-Mobile License LLC	D55043	GRANT, WI	3	0010206629	WSBL763	N
T-Mobile License LLC	D55045	GREEN, WI	1	0010206629	WSBL764	N
T-Mobile License LLC	D55045	GREEN, WI	2	0010206629	WSBL765	N
T-Mobile License LLC	D55047	GREEN LAKE, WI	2	0010206629	WSBL766	N
T-Mobile License LLC	D55047	GREEN LAKE, WI	3	0010206629	WSBL767	N
T-Mobile License LLC	D55049	IOWA, WI	2	0010206629	WSBL768	N
T-Mobile License LLC	D55049	IOWA, WI	3	0010206629	WSBL769	N
T-Mobile License LLC	D55051	IRON, WI	1	0010206629	WSBL770	N
T-Mobile License LLC	D55051	IRON, WI	2	0010206629	WSBL771	N
T-Mobile License LLC	D55051	IRON, WI	3	0010206629	WSBL772	N
T-Mobile License LLC	D55053	JACKSON, WI	1	0010206629	WSBL773	N
T-Mobile License LLC	D55053	JACKSON, WI	2	0010206629	WSBL774	N
T-Mobile License LLC	D55053	JACKSON, WI	3	0010206629	WSBL775	N
T-Mobile License LLC	D55055	JEFFERSON, WI	1	0010206629	WSBL776	N
T-Mobile License LLC	D55055	JEFFERSON, WI	2	0010206629	WSBL777	N
T-Mobile License LLC	D55055	JEFFERSON, WI	3	0010206629	WSBL778	N
T-Mobile License LLC	D55057	JUNEAU, WI	2	0010206629	WSBL779	N
T-Mobile License LLC	D55057	JUNEAU, WI	3	0010206629	WSBL780	N
T-Mobile License LLC	D55059	KENOSHA, WI	1	0010206629	WSBL781	N
T-Mobile License LLC	D55059	KENOSHA, WI	2	0010206629	WSBL782	N
T-Mobile License LLC	D55059	KENOSHA, WI	3	0010206629	WSBL783	N
T-Mobile License LLC	D55061	KEWAUNEE, WI	1	0010206629	WSBL784	N
T-Mobile License LLC	D55061	KEWAUNEE, WI	2	0010206629	WSBL785	N
T-Mobile License LLC	D55061	KEWAUNEE, WI	3	0010206629	WSBL786	N
T-Mobile License LLC	D55063	LA CROSSE, WI	2	0010206629	WSBL787	N
T-Mobile License LLC	D55063	LA CROSSE, WI	3	0010206629	WSBL788	N
T-Mobile License LLC	D55065	LAFAYETTE, WI	1	0010206629	WSBL789	N
T-Mobile License LLC	D55065	LAFAYETTE, WI	2	0010206629	WSBL790	N
T-Mobile License LLC	D55067	LANGLADE, WI	2	0010206629	WSBL791	N
T-Mobile License LLC	D55067	LANGLADE, WI	3	0010206629	WSBL792	N
T-Mobile License LLC	D55069	LINCOLN, WI	1	0010206629	WSBL793	N
T-Mobile License LLC	D55069	LINCOLN, WI	2	0010206629	WSBL794	N
T-Mobile License LLC	D55071	MANITOWOC, WI	2	0010206629	WSBL795	N
T-Mobile License LLC	D55073	MARATHON, WI	1	0010206629	WSBL796	N
T-Mobile License LLC	D55073	MARATHON, WI	2	0010206629	WSBL797	N
T-Mobile License LLC	D55073	MARATHON, WI	3	0010206629	WSBL798	N
T-Mobile License LLC	D55075	MARINETTE, WI	2	0010206629	WSBL799	N
T-Mobile License LLC	D55075	MARINETTE, WI	3	0010206629	WSBL800	N
T-Mobile License LLC	D55077	MARQUETTE, WI	1	0010206629	WSBL801	N
T-Mobile License LLC	D55077	MARQUETTE, WI	2	0010206629	WSBL802	N
T-Mobile License LLC	D55077	MARQUETTE, WI	3	0010206629	WSBL803	N
T-Mobile License LLC	D55078	MENOMINEE, WI	1	0010206629	WSBL804	N
T-Mobile License LLC	D55078	MENOMINEE, WI	2	0010206629	WSBL805	N
T-Mobile License LLC	D55078	MENOMINEE, WI	3	0010206629	WSBL806	N
T-Mobile License LLC	D55081	MONROE, WI	1	0010206629	WSBL807	N
T-Mobile License LLC	D55081	MONROE, WI	2	0010206629	WSBL808	N
T-Mobile License LLC	D55081	MONROE, WI	3	0010206629	WSBL809	N
T-Mobile License LLC	D55083	OCONTO, WI	2	0010206629	WSBL810	N
T-Mobile License LLC	D55083	OCONTO, WI	3	0010206629	WSBL811	N
T-Mobile License LLC	D55085	ONEIDA, WI	2	0010206629	WSBL812	N
T-Mobile License LLC	D55085	ONEIDA, WI	3	0010206629	WSBL813	N
T-Mobile License LLC	D55087	OUTAGAMIE, WI	1	0010206629	WSBL814	N
T-Mobile License LLC	D55087	OUTAGAMIE, WI	2	0010206629	WSBL815	N
T-Mobile License LLC	D55087	OUTAGAMIE, WI	3	0010206629	WSBL816	N
T-Mobile License LLC	D55089	OZAUKEE, WI	1	0010206629	WSBL817	N

ATTACHMENT B
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Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D55089	OZAUKEE, WI	2	0010206629	WSBL818	N
T-Mobile License LLC	D55091	PEPIN, WI	1	0010206629	WSBL819	N
T-Mobile License LLC	D55091	PEPIN, WI	2	0010206629	WSBL820	N
T-Mobile License LLC	D55091	PEPIN, WI	3	0010206629	WSBL821	N
T-Mobile License LLC	D55093	PIERCE, WI	1	0010206629	WSBL822	N
T-Mobile License LLC	D55093	PIERCE, WI	2	0010206629	WSBL823	N
T-Mobile License LLC	D55093	PIERCE, WI	3	0010206629	WSBL824	N
T-Mobile License LLC	D55095	POLK, WI	1	0010206629	WSBL825	N
T-Mobile License LLC	D55095	POLK, WI	2	0010206629	WSBL826	N
T-Mobile License LLC	D55095	POLK, WI	3	0010206629	WSBL827	N
T-Mobile License LLC	D55097	PORTAGE, WI	2	0010206629	WSBL828	N
T-Mobile License LLC	D55097	PORTAGE, WI	3	0010206629	WSBL829	N
T-Mobile License LLC	D55099	PRICE, WI	2	0010206629	WSBL830	N
T-Mobile License LLC	D55099	PRICE, WI	3	0010206629	WSBL831	N
T-Mobile License LLC	D55101	RACINE, WI	1	0010206629	WSBL832	N
T-Mobile License LLC	D55101	RACINE, WI	2	0010206629	WSBL833	N
T-Mobile License LLC	D55101	RACINE, WI	3	0010206629	WSBL834	N
T-Mobile License LLC	D55103	RICHLAND, WI	2	0010206629	WSBL835	N
T-Mobile License LLC	D55103	RICHLAND, WI	3	0010206629	WSBL836	N
T-Mobile License LLC	D55105	ROCK, WI	1	0010206629	WSBL837	N
T-Mobile License LLC	D55105	ROCK, WI	2	0010206629	WSBL838	N
T-Mobile License LLC	D55105	ROCK, WI	3	0010206629	WSBL839	N
T-Mobile License LLC	D55107	RUSK, WI	1	0010206629	WSBL840	N
T-Mobile License LLC	D55107	RUSK, WI	2	0010206629	WSBL841	N
T-Mobile License LLC	D55107	RUSK, WI	3	0010206629	WSBL842	N
T-Mobile License LLC	D55109	ST. CROIX, WI	1	0010206629	WSBL843	N
T-Mobile License LLC	D55109	ST. CROIX, WI	2	0010206629	WSBL844	N
T-Mobile License LLC	D55109	ST. CROIX, WI	3	0010206629	WSBL845	N
T-Mobile License LLC	D55111	SAUK, WI	2	0010206629	WSBL846	N
T-Mobile License LLC	D55111	SAUK, WI	3	0010206629	WSBL847	N
T-Mobile License LLC	D55113	SAWYER, WI	2	0010206629	WSBL848	N
T-Mobile License LLC	D55115	SHAWANO, WI	2	0010206629	WSBL849	N
T-Mobile License LLC	D55115	SHAWANO, WI	3	0010206629	WSBL850	N
T-Mobile License LLC	D55117	SHEBOYGAN, WI	1	0010206629	WSBL851	N
T-Mobile License LLC	D55117	SHEBOYGAN, WI	2	0010206629	WSBL852	N
T-Mobile License LLC	D55119	TAYLOR, WI	1	0010206629	WSBL853	N
T-Mobile License LLC	D55119	TAYLOR, WI	2	0010206629	WSBL854	N
T-Mobile License LLC	D55119	TAYLOR, WI	3	0010206629	WSBL855	N
T-Mobile License LLC	D55121	TREMPEALEAU, WI	1	0010206629	WSBL856	N
T-Mobile License LLC	D55121	TREMPEALEAU, WI	2	0010206629	WSBL857	N
T-Mobile License LLC	D55121	TREMPEALEAU, WI	3	0010206629	WSBL858	N
T-Mobile License LLC	D55123	VERNON, WI	1	0010206629	WSBL859	N
T-Mobile License LLC	D55123	VERNON, WI	2	0010206629	WSBL860	N
T-Mobile License LLC	D55123	VERNON, WI	3	0010206629	WSBL861	N
T-Mobile License LLC	D55125	VILAS, WI	1	0010206629	WSBL862	N
T-Mobile License LLC	D55125	VILAS, WI	2	0010206629	WSBL863	N
T-Mobile License LLC	D55125	VILAS, WI	3	0010206629	WSBL864	N
T-Mobile License LLC	D55127	WALWORTH, WI	1	0010206629	WSBL865	N
T-Mobile License LLC	D55127	WALWORTH, WI	2	0010206629	WSBL866	N
T-Mobile License LLC	D55127	WALWORTH, WI	3	0010206629	WSBL867	N
T-Mobile License LLC	D55129	WASHBURN, WI	1	0010206629	WSBL868	N
T-Mobile License LLC	D55129	WASHBURN, WI	2	0010206629	WSBL869	N
T-Mobile License LLC	D55129	WASHBURN, WI	3	0010206629	WSBL870	N
T-Mobile License LLC	D55131	WASHINGTON, WI	1	0010206629	WSBL871	N
T-Mobile License LLC	D55131	WASHINGTON, WI	2	0010206629	WSBL872	N
T-Mobile License LLC	D55131	WASHINGTON, WI	3	0010206629	WSBL873	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D55133	WAUKESHA, WI	3	0010206629	WSBL874	N
T-Mobile License LLC	D55135	WAUPACA, WI	2	0010206629	WSBL875	N
T-Mobile License LLC	D55135	WAUPACA, WI	3	0010206629	WSBL876	N
T-Mobile License LLC	D55137	WAUSHARA, WI	2	0010206629	WSBL877	N
T-Mobile License LLC	D55137	WAUSHARA, WI	3	0010206629	WSBL878	N
T-Mobile License LLC	D55139	WINNEBAGO, WI	1	0010206629	WSBL879	N
T-Mobile License LLC	D55139	WINNEBAGO, WI	2	0010206629	WSBL880	N
T-Mobile License LLC	D55139	WINNEBAGO, WI	3	0010206629	WSBL881	N
T-Mobile License LLC	D55141	WOOD, WI	2	0010206629	WSBL882	N
T-Mobile License LLC	D55141	WOOD, WI	3	0010206629	WSBL883	N
T-Mobile License LLC	D56001	ALBANY, WY	1	0010206629	WSBL884	N
T-Mobile License LLC	D56001	ALBANY, WY	2	0010206629	WSBL885	N
T-Mobile License LLC	D56001	ALBANY, WY	3	0010206629	WSBL886	N
T-Mobile License LLC	D56003	BIG HORN, WY	1	0010206629	WSBL887	N
T-Mobile License LLC	D56003	BIG HORN, WY	2	0010206629	WSBL888	N
T-Mobile License LLC	D56003	BIG HORN, WY	3	0010206629	WSBL889	N
T-Mobile License LLC	D56005	CAMPBELL, WY	1	0010206629	WSBL890	N
T-Mobile License LLC	D56005	CAMPBELL, WY	2	0010206629	WSBL891	N
T-Mobile License LLC	D56005	CAMPBELL, WY	3	0010206629	WSBL892	N
T-Mobile License LLC	D56007	CARBON, WY	2	0010206629	WSBL893	N
T-Mobile License LLC	D56007	CARBON, WY	3	0010206629	WSBL894	N
T-Mobile License LLC	D56009	CONVERSE, WY	1	0010206629	WSBL895	N
T-Mobile License LLC	D56009	CONVERSE, WY	2	0010206629	WSBL896	N
T-Mobile License LLC	D56009	CONVERSE, WY	3	0010206629	WSBL897	N
T-Mobile License LLC	D56011	CROOK, WY	1	0010206629	WSBL898	N
T-Mobile License LLC	D56011	CROOK, WY	2	0010206629	WSBL899	N
T-Mobile License LLC	D56011	CROOK, WY	3	0010206629	WSBL900	N
T-Mobile License LLC	D56013	FREMONT, WY	1	0010206629	WSBL901	N
T-Mobile License LLC	D56013	FREMONT, WY	2	0010206629	WSBL902	N
T-Mobile License LLC	D56013	FREMONT, WY	3	0010206629	WSBL903	N
T-Mobile License LLC	D56015	GOSHEN, WY	1	0010206629	WSBL904	N
T-Mobile License LLC	D56015	GOSHEN, WY	2	0010206629	WSBL905	N
T-Mobile License LLC	D56015	GOSHEN, WY	3	0010206629	WSBL906	N
T-Mobile License LLC	D56017	HOT SPRINGS, WY	1	0010206629	WSBL907	N
T-Mobile License LLC	D56017	HOT SPRINGS, WY	2	0010206629	WSBL908	N
T-Mobile License LLC	D56017	HOT SPRINGS, WY	3	0010206629	WSBL909	N
T-Mobile License LLC	D56019	JOHNSON, WY	1	0010206629	WSBL910	N
T-Mobile License LLC	D56019	JOHNSON, WY	2	0010206629	WSBL911	N
T-Mobile License LLC	D56019	JOHNSON, WY	3	0010206629	WSBL912	N
T-Mobile License LLC	D56021	LARAMIE, WY	1	0010206629	WSBL913	N
T-Mobile License LLC	D56021	LARAMIE, WY	2	0010206629	WSBL914	N
T-Mobile License LLC	D56021	LARAMIE, WY	3	0010206629	WSBL915	N
T-Mobile License LLC	D56023	LINCOLN, WY	2	0010206629	WSBL916	N
T-Mobile License LLC	D56023	LINCOLN, WY	3	0010206629	WSBL917	N
T-Mobile License LLC	D56025	NATRONA, WY	2	0010206629	WSBL918	N
T-Mobile License LLC	D56025	NATRONA, WY	3	0010206629	WSBL919	N
T-Mobile License LLC	D56027	NIOBRARA, WY	1	0010206629	WSBL920	N
T-Mobile License LLC	D56027	NIOBRARA, WY	2	0010206629	WSBL921	N
T-Mobile License LLC	D56027	NIOBRARA, WY	3	0010206629	WSBL922	N
T-Mobile License LLC	D56029	PARK, WY	1	0010206629	WSBL923	N
T-Mobile License LLC	D56029	PARK, WY	2	0010206629	WSBL924	N
T-Mobile License LLC	D56029	PARK, WY	3	0010206629	WSBL925	N
T-Mobile License LLC	D56031	PLATTE, WY	1	0010206629	WSBL926	N
T-Mobile License LLC	D56031	PLATTE, WY	2	0010206629	WSBL927	N
T-Mobile License LLC	D56031	PLATTE, WY	3	0010206629	WSBL928	N
T-Mobile License LLC	D56033	SHERIDAN, WY	1	0010206629	WSBL929	N

ATTACHMENT B
2.5 GHz EDUCATIONAL BROADBAND SERVICES
APPLICATIONS GRANTED
AUCTION ID: 108
SORTED BY MARKET
DATE OF REPORT: February 29, 2024

Licensee Name	Market Number	Market Description	Channel Block	File Number	Callsign	Tribal Land Bidding Credit
T-Mobile License LLC	D56033	SHERIDAN, WY	2	0010206629	WSBL930	N
T-Mobile License LLC	D56033	SHERIDAN, WY	3	0010206629	WSBL931	N
T-Mobile License LLC	D56035	SUBLETTE, WY	2	0010206629	WSBL932	N
T-Mobile License LLC	D56035	SUBLETTE, WY	3	0010206629	WSBL933	N
T-Mobile License LLC	D56037	SWEETWATER, WY	2	0010206629	WSBL934	N
T-Mobile License LLC	D56037	SWEETWATER, WY	3	0010206629	WSBL935	N
T-Mobile License LLC	D56039	TETON, WY	1	0010206629	WSBL936	N
T-Mobile License LLC	D56039	TETON, WY	2	0010206629	WSBL937	N
T-Mobile License LLC	D56039	TETON, WY	3	0010206629	WSBL938	N
T-Mobile License LLC	D56041	UINTA, WY	3	0010206629	WSBL939	N
T-Mobile License LLC	D56043	WASHAKIE, WY	1	0010206629	WSBL940	N
T-Mobile License LLC	D56043	WASHAKIE, WY	2	0010206629	WSBL941	N
T-Mobile License LLC	D56043	WASHAKIE, WY	3	0010206629	WSBL942	N
T-Mobile License LLC	D56045	WESTON, WY	1	0010206629	WSBL943	N
T-Mobile License LLC	D56045	WESTON, WY	2	0010206629	WSBL944	N
T-Mobile License LLC	D56045	WESTON, WY	3	0010206629	WSBL945	N
T-Mobile License LLC	D72003	AGUADA, PR	2	0010206629	WSBL946	N
T-Mobile License LLC	D72005	AGUADILLA, PR	1	0010206629	WSBL947	N
T-Mobile License LLC	D72005	AGUADILLA, PR	2	0010206629	WSBL948	N
T-Mobile License LLC	D72011	AÑASCO, PR	2	0010206629	WSBL949	N
T-Mobile License LLC	D72023	CABO ROJO, PR	1	0010206629	WSBL950	N
T-Mobile License LLC	D72023	CABO ROJO, PR	2	0010206629	WSBL951	N
T-Mobile License LLC	D72037	CEIBA, PR	2	0010206629	WSBL952	N
T-Mobile License LLC	D72053	FAJARDO, PR	2	0010206629	WSBL953	N
T-Mobile License LLC	D72067	HORMIGUEROS, PR	2	0010206629	WSBL954	N
T-Mobile License LLC	D72071	ISABELA, PR	2	0010206629	WSBL955	N
T-Mobile License LLC	D72079	LAJAS, PR	2	0010206629	WSBL956	N
T-Mobile License LLC	D72097	MAYAGÜEZ, PR	1	0010206629	WSBL957	N
T-Mobile License LLC	D72097	MAYAGÜEZ, PR	2	0010206629	WSBL958	N
T-Mobile License LLC	D72097	MAYAGÜEZ, PR	3	0010206629	WSBL959	N
T-Mobile License LLC	D72099	MOCA, PR	2	0010206629	WSBL960	N
T-Mobile License LLC	D72117	RINCÓN, PR	2	0010206629	WSBL961	N
T-Mobile License LLC	D72125	SAN GERMÁN, PR	2	0010206629	WSBL962	N
T-Mobile License LLC	D72147	VIEQUES, PR	1	0010206629	WSBL963	N
T-Mobile License LLC	D72147	VIEQUES, PR	2	0010206629	WSBL964	N

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010	)	MB Docket No. 11-43

ORDER AND PUBLIC NOTICE

Adopted: February 28, 2024 **Released: February 28, 2024**

By the Chief, Media Bureau:

I. INTRODUCTION

1. In this Order, we grant requests filed on behalf of Fox News Channel,[1] ESPN,[2] and MSNBC[3] for exemption from the Commission's audio description rules applicable to the top five national nonbroadcast networks. We conclude that Fox News, ESPN, and MSNBC provide less than 50 hours per calendar quarter of prime time programming that is not live or near-live and we therefore grant their requests. We also provide notice of changes to the list of top five national nonbroadcast networks subject to the audio description requirements based on changes in ratings, accounting for the granted requests for exemption. Beginning July 1, 2024, the top five national nonbroadcast networks will be HGTV, Hallmark, TLC, TNT, and TBS.

II. ORDER

A. Background

2. Audio description makes video programming[4] more accessible to individuals who are blind or visually impaired through "[t]he insertion of audio narrated descriptions of a television program's key visual elements into natural pauses between the program's dialogue."[5] To access audio description, consumers generally switch from the main program audio to the secondary audio stream on which audio description is typically provided. In 2011, pursuant to the Twenty-First Century Communications and

[1] Request of Fox News Network, LLC for Exclusion from List of Top Five National Nonbroadcast Networks Subject to Audio Description Rules, MB Docket No. 11-43 (filed Dec. 29, 2023) (Fox News Request).

[2] Request of ESPN, Inc. for Further Exemption from List of Top Five Non-Broadcast Networks, MB Docket No. 11-43 (filed Jan. 18, 2024) (ESPN Request). The Request was filed jointly by The Walt Disney Company and ESPN, which is 80 percent owned by The Walt Disney Company. *Id*. at 1 & n.3.

[3] Request of MSNBC for Further Exemption from the List of Top Five Nonbroadcast Networks Subject to Audio Description Requirements, MB Docket No. 11-43 (filed Dec. 22, 2023) (MSNBC Request). NBCUniversal, LLC, which wholly owns MSNBC, filed the Request on behalf of MSNBC. *Id*. at 1. *See also* Supplement to Request of MSNBC for Further Exemption from the List of Top Five Nonbroadcast Networks Subject to Audio Description Requirements, MB Docket No. 11-43 (filed Feb. 16, 2024) (MSNBC Supplement).

[4] "Video programming" refers to programming provided by, or generally considered comparable to programming provided by, a television broadcast station but does not include consumer-generated media. 47 U.S.C. § 613(h)(2); 47 CFR § 79.3(a)(4).

[5] *Id*. § 79.3(a)(3).

Video Accessibility Act of 2010 (CVAA),[6] the Commission adopted rules requiring certain television broadcast stations and multichannel video programming distributors (MVPDs) to provide audio description for a portion of the video programming that they offer to consumers on television.[7]

3. Specifically, MVPD systems that serve 50,000 or more subscribers must provide 50 hours of audio description per calendar quarter during prime time or on children's programming, and an additional 37.5 hours of audio description per calendar quarter at any time between 6 a.m. and midnight, on each of the top five national nonbroadcast networks that they carry on those systems.[8] For the purposes of the rules, the top five national nonbroadcast networks are defined by an average of the national audience share during prime time of nonbroadcast networks that reach 50 percent or more of MVPD households and have at least 50 hours per quarter of prime time programming that is not live or near-live or otherwise exempt under the audio description rules.[9] In addition, the audio description rules currently require commercial television broadcast stations that are affiliated with one of the top four commercial television broadcast networks (ABC, CBS, Fox, and NBC) and are located in the top 100 television markets to provide 50 hours of audio-described programming per calendar quarter during prime time or on children's programming,[10] and an additional 37.5 hours of audio-described programming per

[6] Twenty-First Century Communications and Video Accessibility Act of 2010, Pub. L. No. 111-260, 124 Stat. 2751 (2010); Amendment of Twenty-First Century Communications and Video Accessibility Act of 2010, Pub. L. No. 111-265, 124 Stat. 2795 (2010) (making technical corrections to the CVAA).

[7] *Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010*, MB Docket No. 11-43, Report and Order, 26 FCC Rcd 11847 (2011) (*2011 Audio Description Order*). *See also* 47 CFR § 79.3. In accordance with the CVAA, the *2011 Audio Description Order* reinstated with certain modifications the Commission's audio description rules that the United States Court of Appeals for the District of Columbia Circuit previously had vacated due to its finding that the Commission had insufficient authority for its rules. *See Motion Picture Ass'n of America, Inc. v. Federal Communications Comm.*, 309 F.3d 796 (D.C. Cir. 2002).

[8] 47 CFR § 79.3(b)(4). The list of the top five nonbroadcast networks is updated every three years based on changes in ratings and was last updated on July 1, 2021 (remaining in effect until June 30, 2024). *See id*.; *Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010*, MB Docket 11-43, Order and Public Notice, 36 FCC Rcd 4849 (MB 2021) (*2021 Audio Description Exemption Order*). The rules also require MVPD systems of any size to pass through audio description provided by a broadcast station or nonbroadcast network, if the channel on which the MVPD distributes the station or programming has the technical capability necessary to do so and if that technology is not being used for another purpose related to the programming. 47 CFR § 79.3(b)(5)(i)-(ii).

[9] 47 CFR § 79.3(b)(4). *See also 2011 Audio Description Order*, 26 FCC Rcd at 11854-55, paras. 12-15. "Live or near-live programming" is defined as programming performed either simultaneously with, or recorded no more than 24 hours prior to, its first transmission by a video programming distributor. 47 CFR § 79.3(a)(7). The *2011 Audio Description Order* explained that the Commission was adopting a proposal to "explicitly exclude from the top five any non-broadcast network that does not provide, on average, at least 50 hours per quarter of prime time nonexempt programming." *2011 Audio Description Order*, 26 FCC Rcd at 11854, para. 12.

[10] 47 CFR § 79.3(b)(1). *See also Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010*, MB Docket No. 11-43, Report and Order, 32 FCC Rcd 5962 (2017) (*2017 Audio Description Order*) (increasing the amount of described programming that covered broadcast stations and MVPDs are required to provide). In 2020 the Commission expanded its audio description rules by phasing them in for an additional 10 designated market areas (DMAs) each year for four years, concluding with the extension to DMAs 91 through 100 on January 1, 2024. *Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010*, Report and Order, 35 FCC Rcd 12577, 12582, para. 10 (Oct. 27, 2020) (*2020 Audio Description Order*). In 2023, the Commission further expanded the audio description rules by continuing to phase them in for an additional 10 DMAs each year until all 210 DMAs are included. *Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010*, MB Docket No. 11-43, Second Report and Order, FCC 23-82, para. 12 (2023).

calendar quarter at any time between 6 a.m. and midnight.[11] The top five nonbroadcast networks currently subject to the audio description requirements are TLC, HGTV, Hallmark, History, and TBS.[12] As discussed below, Fox News, MSNBC, and ESPN have each previously received exemptions from these requirements.[13]

4. The rules provide that the list of top five nonbroadcast networks will update at three-year intervals to account for changes in ratings, and that the fourth triennial update will occur on July 1, 2024, based on the 2022 to 2023 ratings year.[14] In anticipation of this update, the Media Bureau (Bureau) issued a Public Notice on November 30, 2023 announcing the top ten nonbroadcast networks for the 2022 to 2023 ratings year according to data provided by the Nielsen Company: Fox News, ESPN, MSNBC, HGTV, Hallmark, TLC, TNT, TBS, Discovery, and History.[15] The Public Notice indicated that a program network could seek an exemption no later than 30 days after publication of the Public Notice, if it believed it should be excluded from the list of top five networks covered by the audio description rules because it does not air at least 50 hours of prime time programming per quarter that is not live or near-live or is otherwise exempt.[16] Fox News, ESPN, and MSNBC filed timely requests for exemption from the list of top five nonbroadcast networks.[17]

B. Discussion

5. Based on the evidence presented in the record, we find that Fox News, ESPN, and MSNBC provide on average less than 50 hours per calendar quarter of prime time programming that is not live or near-live. We, therefore, exempt these three networks from the Commission's audio

[11] 47 CFR § 79.3(b)(1). *See also 2017 Audio Description Order*, 32 FCC Rcd at 5965, 5970, paras. 7, 15. The rules also require "[t]elevision broadcast stations that are affiliated or otherwise associated with any television network [to] pass through audio description when the network provides audio description and the broadcast station has the technical capability necessary to pass through the audio description, unless it is using the technology used to provide audio description for another purpose related to the programming that would conflict with providing the audio description." 47 CFR § 79.3(b)(3).

[12] *See 2021 Audio Description Exemption Order*, 36 FCC Rcd at 4849, para. 1. In 2021, the Media Bureau released an order that granted a limited waiver of the audio description rules with respect to TBS through the three-year period ending on June 30, 2024. *See Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010*, Memorandum Opinion and Order, MB Docket No. 11-43, 36 FCC Rcd 12646 (MB 2021). As a condition of the waiver, for any quarter in which TBS cannot meet the hours threshold established by the audio description rules, TBS is required to: (1) air at least 1,000 hours of audio-described programming each quarter (and more than 1,400 hours of audio-described programming on average per quarter over the entire waiver period) without regard to the number of repeats, and (2) audio describe all newly-produced, non-live programming aired between 6:00 a.m. and 11:59 p.m. local time within three business days of its receipt from a production company. *Id*. at 12649, para. 8. Additionally, WarnerMedia (TBS's parent company) will provide audio description for 100 percent of newly-produced, non-live programming on commonly-owned networks, TNT and TruTV, aired between 6:00 a.m. and 11:59 p.m. local time within three business days of receipt. *Id*.

[13] *See 2011 Audio Description Order*, 26 FCC Rcd at 11855, para. 14; *Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010*, Order and Public Notice, 30 FCC Rcd 2071, 2073, para. 10 (MB 2015) (*2015 Audio Description Exemption Order*); *2018 Audio Description Exemption Order*; *2021 Audio Description Exemption Order*.

[14] 47 CFR § 79.3(b)(4). *See also 2011 Audio Description Order*, 26 FCC Rcd at 11857, para. 18.

[15] Public Notice, *Media Bureau Announces National Nonbroadcast Network Rankings for Purposes of July 1, 2024 Update to Audio Description Requirements*, MB Docket No. 11-43, DA 23-1119 (2023) (Public Notice).

[16] *Id*. at 1. The Public Notice was published in the Federal Register on December 20, 2023. *See* Federal Communications Commission, Audio Description: Preliminary Nonbroadcast Network Rankings, Notice, 88 Fed. Reg. 88075 (Dec. 20, 2023). Accordingly, requests for exemption were due on January 19, 2024.

[17] *See generally* Fox News Request, ESPN Request, and MSNBC Request.

description requirements applicable to the top five national nonbroadcast networks. In making our determination, we reviewed data pertaining to the six most recent calendar quarters submitted by each network and sample programming schedules.[18] We also considered additional information each individual network submitted to support or explain aspects of each request, when available.

6. *Fox News*. We grant Fox News' request that the Commission exclude Fox News from the list of top five national nonbroadcast networks subject to the Commission's audio description rules because it does not provide, on average, at least 50 hours per quarter of non-exempt prime time programming.[19] The Commission previously excluded Fox News from the list of top five networks in the 2011, 2018, and 2021 triennial updates of covered nonbroadcast networks, because Fox News did not provide at least 50 hours per quarter of prime time programming that is not live or near-live.[20] Fox News explains that it is a "24 hours/day, 7 days/week cable- and satellite-delivered news network," and its "programming consists of a blend of news coverage and analysis, opinion commentary, and in-depth reporting featuring a variety of news anchors, correspondents, program hosts, and contributors."[21] Fox News contends that "[b]ecause its weekday prime-time schedule consists entirely of live or near live programming, and given that live or near live programming makes up a substantial portion of its weekend prime-time schedule, Fox News does not provide an average of at least 50 hours per quarter of non-exempt prime time programming."[22] To support its request for exemption, Fox News reviewed programming line-ups for six quarters, from April 1, 2022, through September 30, 2023.[23] Over the six-quarter period, Fox News averaged 37.8 hours of non-exempt programming during prime time.[24] Additionally, Fox News submitted illustrative programming schedules from each quarter reviewed to demonstrate that it presented nearly all live or near-live programming during prime time, including weekend prime time hours.[25] After reviewing the record, the Bureau finds that Fox News has not aired, on average, at least 50 hours of non-exempt prime time programming per quarter. Accordingly, we find that Fox News is excluded from the list of top five nonbroadcast networks and exempt from the Commission's audio description requirements applicable to the top five national nonbroadcast networks.

7. *ESPN*. We grant ESPN's request that the Commission extend its existing exclusion from the list of top five national nonbroadcast networks subject to the audio description requirements because it does not provide, on average, at least 50 hours per quarter of prime time non-exempt programming.[26] The Commission previously excluded ESPN from the list of top five nonbroadcast networks when it reinstated the audio description rules in 2011, and the Bureau did so again during the 2015, 2018, and 2021 triennial updates of covered nonbroadcast networks, based on a determination that ESPN did not provide at least

[18] In its *2021 Audio Description Exemption Order*, the Bureau specified that it would examine at least six consistent calendar quarters worth of programming data and representative programming schedules in future triennial reviews of national nonbroadcast network rankings. *2021 Audio Description Exemption Order*, 36 FCC Rcd at 4852, n.20.

[19] Fox News Request at 3 & Exh. 2.

[20] *2011 Audio Description Order*, 26 FCC Rcd at 11855, para. 14; *2018 Audio Description Exemption Order*, 33 FCC Rcd at 4919, para. 9; *2021 Audio Description Exemption Order*, 36 FCC Rcd at 4852, para. 6.

[21] Fox News Request at 2.

[22] *Id*. at 3 & Exh. 1 (declaration of Robert Osinoff, Senior Manager of Program Operations for Fox News Network, LLC). Fox News explains that it airs live or near-live content from at least 5 a.m. to 11:59 p.m. Eastern time Monday through Friday, from at least 6 a.m. to 8 p.m. on Saturdays, and from at least 6 a.m. to 2 p.m. on Sundays. *Id*. Fox News also provides additional live coverage "[w]here appropriate to cover breaking news or for other events." *Id*. at 3.

[23] *Id*. at Exh. 2.

[24] *Id*.

[25] *Id*. at Exh. 3.

[26] ESPN Request at 1.

50 hours per quarter of prime time programming that is not live or near-live.[27] ESPN contends that given its mixture of live and near-live programming, it "is exactly the type of network that the CVAA intended to exempt" from audio description regulation.[28] ESPN explains that its programming "contain[s] a mixture of live sporting events, live studio sports reporting shows, and replays of very-recently taped studio sports programs," featuring college football, college basketball, the NBA, the NFL, and MLB, among others.[29] In particular, ESPN reviewed its programming for the past twelve quarters and found that, on average, it aired 22.6 hours per quarter of non-exempt programming during prime time.[30] ESPN also submitted illustrative programming schedules from July 2023 through October 2023 to provide additional details with respect to the predominately live and near-live content of its programming schedule.[31] After reviewing the record, the Bureau finds that ESPN has not aired, on average, at least 50 hours of non-exempt prime time programming per quarter. Accordingly, we find that ESPN is excluded from the list of top five nonbroadcast networks and exempt from the Commission's audio description requirements applicable to the top five national nonbroadcast networks.

8. *MSNBC*. We grant MSNBC's request that the Commission extend MSNBC's existing exemption from the list of top five national nonbroadcast networks subject to the audio description requirements because it airs, on average, fewer than 50 hours of non-exempt prime time programming.[32] The Bureau previously excluded MSNBC from the list of top five nonbroadcast networks during the 2018 and 2021 triennial updates of covered nonbroadcast networks, based on a determination that MSNBC did not provide at least 50 hours per quarter of prime time programing that is not live or near-live.[33] MSNBC contends that its programming offers "around-the-clock substantially live news coverage, including breaking news, commentary, and live interview programs."[34] MSNBC also airs live or near-live prime time programming.[35] To support its request for exemption, MSNBC reviewed its recent prime time programming line-ups for six quarters, from April 1, 2022, through October 31, 2023.[36] MSNBC submits that over the six-quarter period, it averaged only 24.3 hours of non-exempt programming during prime

[27] *2011 Audio Description Order*, 26 FCC Rcd at 11855, para. 14; *2015 Audio Description Exemption Order*, 30 FCC Rcd at 2073, para. 9; *2018 Audio Description Exemption Order*, 33 FCC Rcd at 4917-18, para. 7; *2021 Audio Description Exemption Order*, 36 FCC Rcd at 4854-55, paras. 9-11. In 2011, the Commission made this determination based on ESPN's comments, which indicated that "ESPN does not provide, on average, at least 50 hours per quarter of prime-time non-exempt programming," as well as a supporting affidavit and illustrative programming schedules. *2011 Audio Description Order*, 26 FCC Rcd at 11855, para. 14. The Bureau made this determination based on similar supporting evidence in 2015 and 2018. *See 2015 Video Description Exemption Order*, 30 FCC Rcd at 2073, para. 8; *2018 Audio Description Exemption Order*, 33 FCC Rcd at 4917-18, para. 7. In 2021, the Commission made this determination based on similar supporting evidence, excluding the first and second quarters of 2020 due to cancellations of live sporting events due to COVID-19. *2021 Audio Description Exemption Order*, 36 FCC Rcd at 4854-55, paras. 9-11.

[28] ESPN Request at 3.

[29] *Id*.

[30] *Id*. at Attach. A. (declaration of Maria Kirby, Vice President, Government Relations, for the Walt Disney Company).

[31] *Id*. at Attach. B.

[32] MSNBC Request at 1-2.

[33] *2018 Audio Description Exemption Order*, 33 FCC Rcd at 4918, para. 8; *2021 Audio Description Exemption Order*, 36 FCC Rcd at 4853, para. 7.

[34] MSNBC Request at 3.

[35] *Id*.

[36] *Id*.

time.[37] Additionally, MSNBC submitted programming schedules for non-exempt prime time programming from March 28, 2022 to September 24, 2023, and supplemented with sample programming schedules for the week of December 4, 2023 to December 10, 2023.[38] After reviewing the record, the Bureau finds that MSNBC has not aired, on average, at least 50 hours of non-exempt prime time programming per quarter. Accordingly, we find that MSNBC is excluded from the list of top five nonbroadcast networks and exempt from the Commission's audio description requirements applicable to the top five national nonbroadcast networks.

III. PUBLIC NOTICE

9. *Top Five Nonbroadcast Networks*. In the Public Notice announcing the national nonbroadcast network rankings for purposes of the July 2024 update to the audio description requirements, the Bureau indicated that it would provide notice of any resulting revisions to the list of top five networks after evaluating requests for exemption.[39] Thus, we hereby announce that, as a result of the exemptions we grant to Fox News, MSNBC, and ESPN and our review of Nielsen ratings for the 2022 to 2023 ratings year, the top five nonbroadcast networks that will be subject to the audio description requirements as of July 1, 2024 are: HGTV, Hallmark, TLC, TNT, and TBS.[40] MVPD systems that serve 50,000 or more subscribers must provide 87.5 hours of audio description per calendar quarter on channels carrying each of these networks.[41]

IV. ORDERING CLAUSES

10. Accordingly, **IT IS ORDERED** that, pursuant to the authority found in sections 4(i) and 4(j) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 154(j), and sections 0.61, 0.283, and 79.3 of the Commission's rules, 47 CFR §§ 0.61, 0.283, 79.3, this Order **IS ADOPTED**.

11. **IT IS FURTHER ORDERED** that, pursuant to section 79.3 of the Commission's rules, 47 CFR § 79.3, the requests filed by Fox News, MSNBC, and ESPN for exemption from the Commission's audio description rules **ARE GRANTED**.

FEDERAL COMMUNICATIONS COMMISSION

Holly Saurer
Chief, Media Bureau

[37] *Id*. at Attach. (affidavit of Angela Y. Ball, Vice President, Regulatory Affairs, for NBCUniversal).

[38] *Id*.; MSNBC Supplement at 4-10.

[39] Public Notice, DA 23-1119 at 2.

[40] Although History is no longer in the top five nonbroadcast networks, we encourage it to continue providing audio description for its programming, which will increase access by persons who are blind or visually impaired.

[41] *2017 Audio Description Order*, 32 FCC Rcd at 5962, para. 1.

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: http://www.fcc.gov (or ftp.fcc.gov)
TTY (202) 418-2555

DA No. 24-185

Report No. TEL-02345 **Thursday February 29, 2024**

International Authorizations Granted

Section 214 Applications (47 CFR §§ 63.18, 63.24); Section 310(b) Petitions (47 CFR § 1.5000)

By the Chief, Telecommunications and Analysis Division, Office of International Affairs:

The following applications have been granted pursuant to the Commission's processing procedures set forth in sections 63.12 and 63.20 of the Commission's rules. 47 CFR §§ 63.12, 63.20.

Unless otherwise noted, these grants authorize the applicants to: (1) become a facilities-based international common carrier subject to 47 CFR §§ 63.21, 63.22 and/or a resale-based international common carrier subject to 47 CFR §§ 63.21, 63.23; (2) assign or transfer control of international section 214 authority in accordance with 47 CFR § 63.24; or (3) exceed the foreign ownership benchmarks applicable to common carrier radio licensees under 47 U.S.C. § 310(b); see Subpart T of Part 1 of the Commission's rules, 47 CFR §§ 1.5000-5004.

THIS PUBLIC NOTICE SERVES AS EACH NEWLY AUTHORIZED CARRIER'S SECTION 214 CERTIFICATE. It contains general and specific conditions, which are set forth below. Newly authorized carriers should carefully review the terms and conditions of their authorizations. Failure to comply with general or specific conditions of an authorization, or with other relevant Commission rules and policies, could result in fines and forfeitures.

Petitions for reconsideration under section 1.106 or applications for review under section 1.115 of the Commission's rules, 47 CFR §§ 1.106, 1.115, in regard to the grant of any of these applications may be filed within 30 (thirty) days of this public notice. See 47 CFR § 1.4(b)(2).

ITC-214-20230622-00073 E Cloaked Wireless Inc

International Telecommunications Certificate

Service(s): Global or Limited Global Resale Service

Grant of Authority **Date of Action:** 02/27/2024

Cloaked Wireless Inc. (Cloaked Wireless) filed an application for authority to provide resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(2).

Cloaked Wireless, a Delaware corporation, is wholly owned by Cloaked Services Inc. (Cloaked Services), a corporation organized in Canada. Cloaked Services, in turn, is 100% owned by Jeremy Hill, a citizen of Canada.

Pursuant to Commission practice, the application for international section 214 authority was referred to the relevant Executive Branch agencies for their views on any national security, law enforcement, foreign policy, or trade policy concerns related to the foreign ownership of the Applicant. On February 27, 2024, the National Telecommunications and Information Administration notified the Commission that the Committee for the Assessment of Foreign Participation in the United States Telecommunications Services Sector (Committee) "has reviewed the application and has no recommendation at this time to the Commission approving the application and no objection to the Commission granting it" and that the Committee "reserves the right to review any resulting authorization in the future to identify any additional or new risks to U.S. national security or law enforcement interests."

ITC-214-20240109-00025 E North Central Telephone Cooperative, Inc.

International Telecommunications Certificate

Service(s): Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/23/2024

North Central Telephone Cooperative, Inc. (NCTC) filed an application for authority to provide resale services in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(2).

NCTC, a Tennessee cooperative telephone company, has no 10% or greater direct or indirect owners.

ITC-214-20240123-00014 E Rocket Mobile LLC

International Telecommunications Certificate

Service(s): Global or Limited Global Facilities-Based Service, Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/23/2024

Rocket Mobile LLC (Rocket Mobile) filed an application for authority to provide facilities-based service in accordance with section 63.18(e)(1) of the Commission's rules and resale service in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(1), (2).

Rocket Mobile, a Florida limited liability company, is owned by two U.S. citizens: Mohammad Shehadeh (50%) and Belal Higas (50%).

ITC-214-20240123-00015 E Telnet USA, LLC

International Telecommunications Certificate

Service(s): Global or Limited Global Facilities-Based Service, Global or Limited Global Resale Service

Grant of Authority Date of Action: 02/23/2024

Telnet USA, LLC (Telnet) filed an application for authority to provide facilities-based service in accordance with section 63.18(e)(1) of the Commission's rules and resale service in accordance with section 63.18(e)(2) of the Commission's rules. 47 CFR § 63.18(e)(1), (2).

Telnet, a Delaware limited liability company, is wholly owned by Isaac Meisels, a U.S. citizen.

ITC-T/C-20231106-00138 E LPC Long Distance, Inc.

Transfer of Control

Grant of Authority Date of Action: 02/23/2024

Current Licensee: LPC Long Distance, Inc.

FROM: LaPorte City Telephone Co

TO: Alpine Acquisition Group, LLC

LPC Long Distance, Inc. (LPC LD), an Iowa company that holds an international section 214 authorization to provide global resale service (ITC-214-20130826-00231), filed an application for consent to the transfer of control of LPC LD from La Porte City Telephone Company (LPC TC) to Alpine Acquisition Group, LLC (AAG). LPC LD is a wholly owned subsidiary of LPC TC, an Iowa company. Pursuant to the proposed transaction, AAG will acquire 100% of the issued and outstanding shares of LPC TC. As a result, LPC TC and LPC LD will become direct and indirect wholly owned subsidiaries of AAG, respectively.

AAG is a wholly owned subsidiary of Alpine Communications, LC (Alpine), both Iowa limited liability companies. The 10% or greater owners of Alpine are: Breda Telephone Corporation, an Iowa corporation (22.96%); Farmers Mutual Telephone Co., an Iowa corporation (22.18%); Jefferson Telephone Company, an Iowa corporation (12.72%); Webster-Calhoun Cooperative Telephone Association, an Iowa corporation (12.72%); Van Buren Telephone Company, Inc., an Iowa corporation (12.72%); and RockTel, Inc. (12.62%), which is wholly owned by Rockwell Cooperative Telephone Company, an Iowa corporation.

This authorization is without prejudice to the Commission's action in any other related pending proceedings.

INFORMATIVE

ITC-214-19960830-00414 AT&T Corp.

By letter dated February 27, 2024, AT&T Corp. notified the Commission that it will be discontinuing its SDS Services on all international routes. These services will no longer be available to new customers as of April 30, 2024, and will be discontinued as of March 31, 2026.

SURRENDER

ITC-214-19970815-00495 ETC, INC.

ETC, INC. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-19971218-00799 Bluegrass Telecom LLC

Bluegrass Telecom LLC notified the Commission of the surrender of its international section 214 authorization.

SURRENDER

ITC-214-19990628-00364 SATCOM DIRECT, INC.

SATCOM DIRECT, INC. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-19991112-00691 PULASKI WHITE COMMUNICATIONS, INC.

PULASKI WHITE COMMUNICATIONS, INC. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-19991124-00715 TESS COMMUNICATIONS INC.

TESS COMMUNICATIONS INC. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20000414-00237 COLUMBUS DATACENTRIC, INC.

COLUMBUS DATACENTRIC, INC. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20030702-00318 Utilities Commission, New Smyrna Beach

Utilities Commission, New Smyrna Beach notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20041126-00476 Lunex Telecom, Inc.

Lunex Telecom, Inc. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20080722-00334 ETCLD, Inc.

ETCLD, Inc. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20081016-00461 Vbonita, Inc.

Vbonita, Inc. notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20131114-00307 321 Communications

321 Communications notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20161007-00281 Pronto Communications Int LLC

Pronto Communications Int LLC notified the Commission of the surrender of its international section 214 authorization.

ITC-214-20201221-00211 Cloud4 Inc

Cloud4 Inc notified the Commission of the surrender of its international section 214 authorization.

CONDITIONS APPLICABLE TO INTERNATIONAL SECTION 214 AUTHORIZATIONS

(1) These authorizations are subject to the Exclusion List for International Section 214 Authorizations, which identifies restrictions on providing service to particular countries or using particular facilities. The most recent Exclusion List is at the end of this Public Notice. The list applies to all U.S. international carriers, including those that have previously received global or limited global section 214 authority, whether by Public Notice or specific written order. Carriers are advised that the attached Exclusion List is subject to amendment at any time pursuant to the procedures set forth in Streamlining the International Section 214 Authorization Process and Tariff Requirements, IB Docket No. 95-118, 11 FCC Rcd 12884 (1996), para. 18. A copy of the current Exclusion List is maintained in the FCC Reference Information Center and is available at https://www.fcc.gov/exclusion-list-international-section-214-authorizations. It is also attached to each Public Notice that grants international Section 214 authority.

(2) The export of telecommunications services and related payments to countries that are subject to economic sanctions may be restricted. For information concerning current restrictions, call the Office of Foreign Assets Control, U.S. Department of the Treasury, (202) 622-2520.

(3) Carriers shall comply with the requirements of Section 63.11 of the Commission's rules, which requires notification by, and in certain circumstances prior notification by, U.S. carriers acquiring an affiliation with foreign carriers. A carrier that acquires an affiliation with a foreign carrier will be subject to possible reclassification as a dominant carrier on an affiliated route pursuant to the provisions of section 63.10 of the rules.

(4) A carrier may provide switched services over its authorized resold private lines in the circumstances specified in section 63.23(d) of the rules, 47 CFR § 63.23(d).

(5) Carriers shall comply with the "No Special Concessions" rule, section 63.14, 47 CFR § 63.14.

(6) Carriers regulated as dominant for the provision of a particular communications service on a particular route for any reason other than a foreign carrier affiliation under section 63.10 of the rules shall file tariffs pursuant to Section 203 of the Communications Act, as amended, 47 U.S.C. § 203, and Part 61 of the Commission's Rules, 47 CFR Part 61. Carriers shall not otherwise file tariffs except as permitted by section 61.19 of the rules, 47 C.F.R. § 61.19. Except as specified in section 20.15 with respect to commercial mobile radio service providers, carriers regulated as non-dominant, as defined in section 61.3, and providing detariffed international services pursuant to section 61.19, must comply with all applicable public disclosure and maintenance of information requirements in sections 42.10 and 42.11.

(7) International facilities-based service providers must file and maintain a list of U.S.-international routes on which they have direct termination arrangements with a foreign carrier. 47 CFR § 63.22(h). A new international facilities-based service provider or one without existing direct termination arrangements must file its list within thirty (30) days of entering into a direct termination arrangement(s) with a foreign carrier(s). Thereafter, international facilities-based service providers must update their lists within thirty (30) days after adding a termination arrangement for a new foreign destination or discontinuing an arrangement with a previously listed destination. See Process For The Filing Of Routes On Which International Service Providers Have Direct Termination Arrangements With A Foreign Carrier, ITC-MSC-20181015-00182, Public Notice, 33 FCC Rcd 10008 (IB 2018).

(8) Any U.S. Carrier that owned or leased bare capacity on a submarine cable between the United States and any foreign point must file a Circuit Capacity Report to provide information about the submarine cable capacity it holds. 47 CFR § 43.82(a)(2). See https://www.fcc.gov/circuit-capacity-data-us-international-submarine-cables.

(9) Carriers should consult section 63.19 of the rules when contemplating a discontinuance, reduction or impairment of service.

(10) If any carrier is reselling service obtained pursuant to a contract with another carrier, the services obtained by contract shall be made generally available by the underlying carrier to similarly situated customers at the same terms, conditions and rates. 47 U.S.C. § 203.

(11) To the extent the applicant is, or is affiliated with, an incumbent independent local exchange carrier, as those terms are defined in section 64.1902 of the rules, it shall provide the authorized services in compliance with the requirements of section 64.1903.

(12) Except as otherwise ordered by the Commission, a carrier authorized here to provide facilities-based service that (i) is classified as dominant under section 63.10 of the rules for the provision of such service on a particular route and (ii) is

affiliated with a carrier that collects settlement payments for terminating U.S. international switched traffic at the foreign end of that route may not provide facilities-based switched service on that route unless the current rates the affiliate charges U.S. international carriers to terminate traffic are at or below the Commission's relevant benchmark adopted in International Settlement Rates, IB Docket No. 96-261, Report and Order, 12 FCC Rcd 19806 (1997). See also Report and Order on Reconsideration and Order Lifting Stay in IB Docket No. 96-261, FCC 99-124 (rel. June 11, 1999). For the purposes of this rule, "affiliated" and "foreign carrier" are defined in section 63.09.

(13) Carriers shall comply with the Communications Assistance for Law Enforcement Act (CALEA), see 47 CFR §§ 1.20000 et seq.

(14) Every carrier must designate an agent for service in the District of Columbia. see 47 U.S.C. § 413, 47 CFR §§ 1.47(h), 64.1195.

(15) Each carrier shall notify the Commission of any change in its contact information. Such notification shall be filed in the file number(s) for the international section 214 authorization(s) through the International Communications Filing System (ICFS).

Exclusion List for International Section 214 Authorizations

The following is a list of countries and facilities not covered by grant of global section 214 authority under section 63.18(e)(1) of the Commission's Rules, 47 CFR § 63.18(e)(1). Carriers desiring to serve countries or use facilities listed as excluded hereon shall file a separate section 214 application pursuant to section 63.18(e)(3) of the Commission's Rules. See 47 CFR § 63.22(c).

Countries:

None.

Facilities:

Any non-U.S.-licensed space station that has not received Commission approval to operate in the U.S. market pursuant to the procedures adopted in the Commission's DISCO II Order, IB Docket No. 96-111, Report and Order, FCC 97-399, 12 FCC Rcd 24094, 24107-72 paragraphs 30-182 (1997) (DISCO II Order). Information regarding non-U.S.-licensed space stations approved to operate in the U.S. market pursuant to the Commission's DISCO II procedures is maintained at https://www.fcc.gov/approved-space-station-list.

This list is subject to change by the Commission when the public interest requires. The most current version of the list is maintained at https://www.fcc.gov/exclusion-list-international-section-214-authorizations.

For additional information, contact the Office of International Affairs, Telecommunications and Analysis Division at (202) 418-1480.

Federal Communications Commission
Washington, D.C. 20554

February 29, 2024

DA 24-186
In Reply Refer to:
1800B3-ARR
Released: February 29, 2024

Aire Broadcasting Foundation
c/o Justin Martinez
879 Stockton Mountain Rd.
Beaver Meadows, PA 18216
jkimomartinez@gmail.com

Re: **Aire Broadcasting Foundation**
New LPFM, Hazleton, PA
Facility ID No. 787776
Application File No. 0000232190

Petition for Reconsideration

Dear Applicant:

We have before us the Petition for Reconsideration (Petition)[1] filed by Aire Broadcasting Foundation (Petitioner), seeking reconsideration of the Media Bureau's (Bureau) dismissal of Petitioner's application (Application) for a construction permit for a new low power FM (LPFM) station at Hazleton, Pennsylvania.[2] For the reasons set forth below, we deny the Petition.

Background. Petitioner filed the Application during the 2023 LPFM Filing Window,[3] and certified that "the proposed facility complies with the engineering requirements of 47 CFR [s]ection 73.807(a) through (g), and 73.825" and did not request a waiver of that rule.[4] On January 17, 2024, Bureau staff dismissed the Application for failure to meet the minimum distance spacing requirements enumerated in section 73.807(a)[5] of the Commission's rules (Rules), with respect to the second-adjacent channel license of station WQKX(FM), Sunbury, Pennsylvania, and noted that an amendment was not permitted under section 73.870(c) of the Rules.[6]

[1] Pleading File No. 0000238019 (filed Feb. 1, 2024).

[2] Application File No. 0000232190 (filed Dec. 11, 2023).

[3] *Media Bureau Announces Filing Procedures and Requirements for November 1 – November 8, 2023, Low Power FM Filing Window*, Public Notice, DA 23-642 (MB July 31, 2023) (*Procedures Public Notice*). Based on a request from LPFM advocates, the Bureau subsequently delayed the window until December 6, 2023. *Media Bureau Announces Revised Dates for LPFM New Station Application Filing Window*, Public Notice, DA 23-984 (MB Oct. 17, 2023). The Bureau subsequently extended the close of the window until December 15, 2023. *Media Bureau Announces Extension of LPFM New Station Application Filing Window*, Public Notice, DA 23-1150 (MB Dec. 11, 2023).

[4] Application at Technical Certifications, Interference.

[5] *See* 47 CFR § 73.807(a).

[6] *See Broadcast Actions*, Public Notice, Report No. PN-2-240119-01 (MB Jan. 19, 2024) (citing 47 CFR § 73.870(c)). *See also* Application File No. BMLH-20050822AAE (license application for WQKX(FM). On January 8, 2024, Petitioner attempted to file an amendment to the Application. The Bureau denied this amendment on January 9, 2024, because it was impermissibly filed during a filing freeze on amendments to applications submitted

On February 1, 2024, Petitioner filed the Petition, seeking reinstatement of the Application and a waiver of section 73.870(c) in order to file a second-adjacent waiver exhibit. Specifically, Petitioner: 1) characterizes the second channel spacing error as a "simple incidental omission" on the part of its consulting engineer, and states that its engineer failed to upload an exhibit with the second channel waiver request; 2) argues that a minor amendment could correct the error and warrant reinstatement of the Application *nunc pro tunc*; and 3) requests waiver of the section 73.807 minimum distance separation requirements because it estimates the new LPFM station will not cause actual interference, and submits a corrected engineering data exhibit.[7]

Discussion. The Commission will consider a petition for reconsideration only when the petitioner shows either a material error in the Commission's original determination, or raises additional facts not known or existing at the time of the petitioner's last opportunity to present such matters.[8] Petitioner has not demonstrated any legal error in the Bureau's dismissal of the Application, nor has it cited any precedent that warrants reinstatement.

Section 73.807 Violation. Bureau staff correctly dismissed the Application for failure to meet second-adjacent channel spacing requirements, as outlined in section 73.807(a). Specifically, LPFM applicants must protect authorized FM stations, pending applications for new and existing FM stations filed prior to the release of the *Procedures Public Notice*, authorized LPFM stations, and vacant FM allotments, by meeting the minimum distance separation requirements specified in section 73.807 of the Commission's rules.[9] Pursuant to section 73.870(c), any application submitted during an LPFM filing window that fails to meet the spacing requirements of section 73.807 will be dismissed without opportunity to amend.[10] Moreover, the *Procedures Public Notice* warned LPFM applicants that, "[c]onsistent with established processing rules, an LPFM application that fails to protect these authorizations, applications, and vacant FM allotments will be *dismissed with no opportunity to correct the deficiency*."[11]

Additionally, although section 3(b)(2)(A) of the Local Community Radio Act of 2010 (LCRA) authorizes the Commission to waive second-adjacent channel spacing requirements, an LPFM applicant must specifically request the waiver and demonstrate that its proposed LPFM facilities "will not result in interference to any authorized radio service."[12] The Bureau explicitly cautioned LPFM applicants that it will dismiss any application that fails to comply with the second-adjacent channel spacing requirements

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in the 2023 LPFM Filing Window. *See Media Bureau Announces Close of LPFM New Station Filing Window and Temporary Filing Freeze on Amendments to Applications Submitted in the December 2023 Fiing Window*, Public Notice, DA 23-1165 (MB Dec. 15, 2023) (announcing filing freeze on amendments until January 31, 2024).

[7] Petition at 1.

[8] *See* 47 CFR § 1.106(c), (d); *see also WWIZ, Inc.,* Memorandum Opinion and Order, 37 FCC 685, 686 (1964).

[9] *See* 47 CFR § 73.807(a)(1).

[10] *See* 47 CFR § 73.870(c).

[11] *See Procedures Public Notice* at 3 and n.14 (emphasis in original) (citing *Low Power FM Filing Window*, Public Notice, 15 FCC Rcd 24817, 24818 (MB 2000); *Media Bureau Announces Availability of the Revised FCC Form 318 and the Filing Procedures for October 15-October 29, 2013 Low Power FM Filing Window*, Public Notice, 28 FCC Rcd 8854, 8855 (MB 2013); 47 CFR §73.870(c)).

[12] Pub. L. No. 111-371, 124 Stat. 4072 (2011); *see also* 47 CFR § 73.807(e) (outlining LPFM applicant requirements for a second-adjacent channel spacing waiver).

without requesting a waiver, supported by the requisite engineering exhibit, and that a dismissed applicant will *not* be permitted to seek *nunc pro tunc* reinstatement of its application.[13]

Here, the Bureau correctly dismissed the Application because Petitioner failed to meet the minimum spacing requirements of section 73.807(a)(1) with respect to second-adjacent station WQKX(FM), and failed to submit a waiver request and supporting exhibit. The Commission has previously held that the Bureau may properly prohibit dismissed LPFM applicants that did not submit waiver requests of the second-adjacent channel spacing rules in the filing window from filing amendments to correct violations of section 73.807.[14] Petitioner has not demonstrated any basis to contravene the rules and established precedent and reinstate the Application.

Section 73. 870(c) Waiver Request. We reject Petitioner's request of a waiver of section 73.870(c) to allow it to amend the Application to include a waiver of the section 73.807(a) second-adjacent channel spacing rule. The Commission's Rules may be waived only for good cause shown.[15] The Commission must give waiver requests "a hard look," but an applicant for waiver "faces a high hurdle even at the starting gate"[16] and must support its waiver request with a compelling showing.[17] Waiver is appropriate only if both (1) special circumstances warrant a deviation from the general rule, and (2) such deviation better serves the public interest.[18]

Petitioner fails to meet this burden. Petitioner states generally that a waiver "is justified and aligns with the public interest,"[19] but offers no other justification, circumstance, or precedent warranting grant of the request. Petitioner likewise fails to assert a "special circumstance" warranting the waiver beyond the error of its engineer. The Commission, however, has long held that errors of technical assistants are not an excuse for failure to adhere to the Rules.[20] Moreover, permitting applicants to file requests to waive section 73.807 minimum distance separation requirements after the close of the filing window and the Commission's dismissal of their application for lack of such a waiver request would

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[13] *See Procedures Public Notice* at 4; *see also Clifford Brown Jazz Foundation*, Memorandum Opinion and Order, 29 FCC Rcd 13258 (2014) (*Clifford Brown*) (affirming dismissal of application, without ability to amend and seek reinstatement, where applicant failed to comply with second-adjacent spacing rules and failed to include a waiver request with its application) (citing 47 CFR § 73.870(c)).

[14] *See Christian Charities Deliverance Church*, Memorandum Opinion and Order, 30 FCC Rcd 10548, 10549, para. 5 (2015) (finding *nunc pro tunc* reinstatement inapplicable because it is superseded by section 73.870(c)) (citing *People of Progress*, Memorandum Opinion and Order, 29 FCC Rcd 15065 (2014); *Clifford Brown*, 29 FCC Rcd 13258).

[15] 47 CFR § 1.3.

[16] *WAIT Radio v. FCC*, 418 F.2d 1153, 1157 (D.C. Cir. 1969) (subsequent history omitted).

[17] *Greater Media Radio Co., Inc*., Memorandum Opinion and Order, 15 FCC Rcd 7090 (1999) (citing *Stoner Broadcasting System, Inc.*, Memorandum Opinion and Order, 49 FCC 2d 1011, 1012 (1974)).

[18] *NetworkIP, LLC v. FCC*, 548 F.3d 116, 125-128 (D.C. Cir. 2008); *Northeast Cellular Telephone Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990).

[19] Petition at 1. Petitioner requests waiver of section 73.870(c), but later in its supporting engineering exhibit, requests waiver of section 73.807. Because the Application was dismissed for failure to comply with the spacing requirements of section 73.807, and because Petitioner refers to "second channel waiver request" in other parts of the Petition, we will treat the waiver request as applicable to section 73.807 of the Rules.

[20] *See Roy E. Henderson*, Memorandum Opinion and Order, 33 FCC 3385, 3387-88, para. 6 (2018) (rejecting argument that licensee's engineer was to blame for station's unauthorized operations); *Whidbey Island Ctr. for the Arts*, Forfeiture Order, 25 FCC Rcd 8204, 8205, para. 6 and n.12 (MB 2010) ("the Commission has long held that 'licensees are responsible for the acts and omissions of their employees and independent contractors'"); *Vista Services Corporation*, Forfeiture Order, 15 FCC Rcd 20646, 20650 para. 9, n.24 (2000) ("[e]mployers are routinely held liable for breach of statutory duties, even where the failings are those of an independent contractor").

frustrate the processing efficiencies which sections 73.807 and 73.870(c) were designed to promote, be unfair to the many applicants who fully complied with the rules and filing requirements, and is therefore, contrary to the public interest.[21] Accordingly, we find Petitioner fails to show that special circumstances warrant a deviation from our rules or that such deviation would serve the public interest.

Conclusion. For the reasons set forth above, **IT IS ORDERED** that the Petition for Reconsideration filed by Aire Broadcasting Foundation, on February 1, 2024 (Pleading File No. 0000238019), IS DENIED.

Sincerely,

Albert Shuldiner
Chief, Audio Division
Media Bureau

[21] *See Creation of a Low Power Radio Service*, Report and Order, 15 FCC Rcd 2205, 2257 (2000) ("In accordance with our window filing procedure for commercial broadcast applications, after the LPFM window closes, the staff initially will screen applications for the purpose of identifying those that are mutually exclusive and those that fail to protect existing broadcast stations in accordance with the standards adopted herein. Applications that fail to properly protect these existing stations will be dismissed without the applicant being afforded an opportunity to amend. This will increase the speed and efficiency with which LPFM applications can be processed by the staff.").

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov
TTY: 888-835-5322

DA 24-187
Released: February 29, 2024

COMMENT AND REPLY COMMENT DATES SET FOR SUPPLEMENTAL COMMENTS

MB Docket No. 22-405

Comment Date: April 1, 2024
Reply Comment Date: April 15, 2024

On February 21, 2024, the Media Bureau (Bureau) released a Public Notice announcing the filing of a Petition for Clarification concerning the FM Digital Power NPRM,[1] and providing the opportunity for supplemental comments.[2] The Bureau encouraged comment regarding the Petitioners' request to clarify what they termed an ambiguity regarding the maximum proposed FM digital power levels, taking into account all digital transmission modes, as well as Petitioners' requested changes to the proposed rules reflecting such clarification. Commenters also have an opportunity to update their previous comments in light of more recent additions to the record. The *Clarification PN* set deadlines for filing comments and reply comments at 30 and 45 days, respectively, after publication of the *Clarification PN* in the Federal Register.[3]

By this *Public Notice*, the Media Bureau announces that the *Clarification PN* was published in the Federal Register on February 29, 2024.[4] Comments must be submitted no later than April 1, 2024. Reply Comments must be submitted no later than April 15, 2024. Commenters should follow the filing instructions provided in the *Clarification PN*.[5] The *Clarification PN* is also available on the Commission's website.[6]

[1] *Modifying Rules for FM Terrestrial Digital Audio Broadcasting Systems*, MB Docket No. 22-405, Order and Notice of Proposed Rulemaking, FCC 23-61 (rel. Aug. 1, 2023) (*NPRM*).

[2] *Media Bureau Announces Filing of Petition for Clarification Concerning FM Digital Power NPRM and Opportunity for Supplemental Comments*, Public Notice, DA 24-154 (MB rel. Feb. 21, 2024) (*Clarification PN*).

[3] *See id.* at 1.

[4] *Media Bureau Announces Filing of Petition for Clarification Concerning FM Digital Power NPRM and Opportunity for Supplemental Comments*, 89 Fed. Reg. 14797 (Feb. 29, 2024).

[5] *Clarification PN* at 2-3.

[6] *See* https://docs.fcc.gov/public/attachments/DA-24-154A1.pdf.

For additional information on this proceeding, contact Thomas S. Nessinger, Thomas.Nessinger@fcc.gov, or James Bradshaw, James.Bradshaw@fcc.gov, of the Media Bureau, Audio Division, (202) 418-2700. Press inquiries should be directed to Nancy Murphy, (202) 418-1043.

By the Chief, Media Bureau

--FCC--

Before the
Federal Communications Commission
Washington, D.C. 20554

In re Application of	)	
	)	
Cascade Community Radio	)	Facility ID No. 196380
	)	NAL/Acct. No. MB-202441410004
For Renewal of License for	)	FRN: 0017039645
Low Power FM Station KVRN-LP	)	File No. 0000226531
Portland, Oregon	)	

ORDER

Adopted: February 29, 2024 **Released: February 29, 2024**

By the Chief, Audio Division, Media Bureau:

I. INTRODUCTION

1. The Media Bureau (Bureau) has before it a request to cancel a Notice of Apparent Liability (*NAL*)[1] issued to Cascade Community Radio (Licensee), licensee of Station KVRN-LP, Portland, Oregon (Station), for apparently willfully violating section 73.3539[2] of the Commission's rules (Rules) by failing to timely file a license renewal application for the Station, as ordered by a short-term renewal letter.[3] As discussed below, we cancel the forfeiture and instead admonish Licensee for the violation.

II. BACKGROUND

2. The Commission's base forfeiture amount for the failure to file a required form is $3,000.[4] In the *NAL*, the Bureau proposed a reduced forfeiture amount of $1,500 based upon the specific circumstances of this case.[5] Licensee was instructed to provide a response within thirty days of receipt of the NAL.[6] The Bureau received Licensee's response on February 9, 2024.[7] Licensee requests

[1] *Cascade Community Radio*, Memorandum Opinion and Order and Notice of Apparent Liability for Forfeiture, DA 24-28 (MB Jan. 11, 2024) (*NAL*).

[2] *See* 47 CFR § 73.3539.

[3] *Cascade Community Radio*, Letter Order, Ref 1800B3-ATS (MB Feb. 1, 2023) (*Short Term Renewal Letter*); *see also* Application File No. 0000162477 (Renewal of License, filed Oct. 1, 2021), Attach. "2023-02-01 KVRN-LP Short Term Letter.pdf".

[4] *See Forfeiture Policy Statement and Amendment of Section 1.80(b) of the Rules to Incorporate the Forfeiture Guidelines*, Report and Order, 12 FCC Rcd 17087, 17113-15 (1997) (*Forfeiture Policy Statement*), *recon. denied*, 15 FCC Rcd 303 (1999); 47 CFR § 1.80(b)(11), note to paragraph (b)(11), section I.

[5] As an LPFM station, the Station is providing a secondary service. *See, e.g.*, *La Casa de la* Raza, Memorandum Opinion and Order and Notice of Apparent Liability for Forfeiture, DA 22-195 (MB Feb. 25, 2022) and *Virginia Center for Public Press*, Memorandum Opinion and Order and Notice of Apparent Liability, 34 FCC Rcd 9312 (MB 2019) (proposing $1,500 forfeitures for untimely filed renewal applications for LPFM stations).

[6] *NAL* at 3.

[7] Letter from Joshua Kretzmann, Board Member, Cascade Community Radio, to Albert Shuldiner, Chief, Audio Division, FCC Media Bureau (Feb. 5, 2024) (*NAL Response*).

cancellation of the *NAL* due to inability to pay.[8]

III. DISCUSSION

3. As noted in the *NAL*, the Commission will not consider reducing or cancelling a forfeiture in response to claimed inability to pay unless the respondent submits: (1) federal tax returns for the most recent three-year period; (2) financial statements prepared according to generally accepted accounting practices; or (3) some other reliable and objective documentation that accurately reflects the respondent's current financial status.[9] We accept Licensee's showing that payment of the proposed forfeiture would create a financial hardship. Licensee argues the proposed forfeiture amount exceeds its ability to pay, and submits three years of Form CT-12 financial submissions to the Oregon Department of Justice, Charities Division, from 2020 through 2022, because Licensee is not a registered 501(c)(3) nonprofit corporation and therefore does not file federal tax returns.[10] Licensee's financial submissions, and the declaration of Joshua Kretzmann, board member, indicate that Licensee operated without any income from 2020 through 2022.[11] Accordingly, we will cancel the proposed forfeiture. However, we admonish Licensee for its willful violation of section 73.3539 of the Rules.[12]

IV. ORDERING CLAUSES

4. Accordingly, **IT IS ORDERED** that, pursuant to section 504(b) of the Communications Act of 1934, as amended,[13] and sections 0.61, 0.283, and 1.80(f)(4) of the Commission's rules,[14] the Notice of Apparent Liability for a Forfeiture (NAL/Acct. No. MB-202441410004) issued to Cascade Community Radio **IS CANCELLED** and that Cascade Community Radio is instead **HEREBY ADMONISHED** for its violation of section 73.3539 of the Commission's rules.

5. **IT IS FURTHER ORDERED** that copies of this Order shall be sent by First Class and Certified Mail, Return Receipt Requested, to Cascade Community Radio, c/o Joshua Kretzmann, 3801 SE 153rd Ave., Portland, OR 97236.

FEDERAL COMMUNICATIONS COMMISSION

Albert Shuldiner
Chief, Audio Division
Media Bureau

[8] *Id.* Licensee also submits a number of arguments regarding the Station's short term renewal, which are unrelated to cancellation or reduction of the *NAL*. Accordingly, they are not addressed in this Order.

[9] *See NAL* at 4, para. 12; *Discussion Radio, Inc*., Memorandum Opinion and Oder, 19 FCC Rcd 7433, 7441, para. 28 (2004), *forfeiture reduced on recon*., 24 FCC Rcd 2206 (MB 2009).

[10] *NAL Response* at 1-2 and Attachs. A and B.

[11] *Id.*

[12] *See Corning Christian Radio Corporation*, Order, 37 FCC Rcd 13300 (2022) (admonishing licensee for willful violation of the Commission's rules, and cancelling the $1,500 forfeiture due to demonstrated inability to pay).

[13] 47 U.S.C. § 504(b).

[14] 47 CFR §§ 0.61, 0.283, 1.80(f)(4).

PUBLIC NOTICE

Federal Communications Commission
45 L Street NE
Washington, DC 20554

News Media Information 202 / 418-0500
Internet: https://www.fcc.gov

DA 24-191
Released: February 29, 2024

STREAMLINED RESOLUTION OF REQUESTS UNDER THE SECURE AND TRUSTED COMMUNICATIONS NETWORKS REIMBURSEMENT PROGRAM

WC Docket No. 18-89

By this Public Notice, the Wireline Competition Bureau (Bureau) grants, pursuant to delegated authority, the following petitions requesting to extend certain deadlines under the Secure and Trusted Communications Networks Reimbursement Program (Reimbursement Program).

As directed by the Secure and Trusted Communications Networks Act of 2019, as amended (Secure Networks Act), the Commission established the Reimbursement Program to reimburse providers of advanced communications services with ten million or fewer customers for reasonable costs incurred in the removal, replacement, and disposal of covered communications equipment or services from their networks that pose a national security risk, i.e., communications equipment or services produced or provided by Huawei Technologies Company (Huawei) or ZTE Corporation (ZTE), that were obtained by providers on or before June 30, 2020.[1] The Reimbursement Program is funded by a $1.9 billion congressional appropriation,[2] which is less than the $5.6 billion in collective funds requested by applicants to the program.[3] Because demand exceeded available funding, the Secure Networks Act

[1] Secure and Trusted Communications Networks Act of 2019, Pub. L. No. 116-124, § 4(a)-(c), 134 Stat. 158 (2020) (codified as amended at 47 U.S.C. §§ 1601-1609). The Commission adopted rules implementing the Secure Networks Act on December 10, 2020. *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs*, WC Docket No. 18-89, Second Report and Order, 35 FCC Rcd 14284 (2020) (*2020 Supply Chain Order*). On July 13, 2021, the Commission amended its rules, consistent with amendments to the Secure Networks Act included in the Consolidated Appropriations Act, 2021. *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs*, WC Docket No. 18-89, Third Report and Order, 36 FCC Rcd 11958, 11959, para. 2 (2021) (*2021 Supply Chain Order*). The Commission later clarified that, for purposes of the Reimbursement Program, covered communications equipment or services are limited to the communications equipment or services produced or provided by Huawei or ZTE that were obtained by providers on or before June 30, 2020. *See 2021 Supply Chain Order*, 36 FCC Rcd at 11959, 11965, paras. 2 and 18; *see also generally Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs – Huawei Designation*, PS Docket No. 19-351, Order, 35 FCC Rcd 6604 (PSHSB 2020); *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs – ZTE Designation*, PS Docket No. 19-352, Order, 35 FCC Rcd 6633 (PSHSB 2020).

[2] Consolidated Appropriations Act, 2021, Pub. L. No. 116–260, § 906, 134 Stat. 1182 (2020) (CAA). Section 906 provides that "[t]here is appropriated to the Federal Communications Commission, out of amounts in the Treasury not otherwise appropriated, for fiscal year 2021, to remain available until expended— . . . (2) $1,900,000,000 to carry out the Secure and Trusted Communications Networks Act of 2019 (47 U.S.C. 1601 et seq.), of which $1,895,000,000 shall be used to carry out the program established under section 4 of that Act (47 U.S.C. 1603)."

[3] *See Wireline Competition Bureau Announces the Grant of Applications for the Secure and Trusted Communications Networks Reimbursement Program*, WC Docket No. 18-89, Public Notice, DA 22-774, at 1-2 (WCB July 18, 2022) (*SCRP Granted Applications Public Notice*) (explaining that "[e]ach applicant was required to include in its application estimates for the costs that it will reasonably incur for the permanent removal, replacement,

(continued….)

required the Bureau to implement a prioritization scheme where funding was allocated first to approved applicants with 2,000,000 or fewer customers (Priority 1 applicants).[4] Because demand from Priority 1 applicants alone exceeded the congressional appropriation, Commission rules required that allocations to Priority 1 applicants be pro-rated on an equal basis.[5] Consequently, recipients received funding allocations for approximately 39.5% of their reasonable and supported estimated costs for removing, replacing, and disposing of covered communications equipment and services.[6]

Reimbursement Program recipients must complete the removal, replacement, and disposal of covered communications equipment and services within one year from the initial disbursement of funds to the recipient.[7] Pursuant to section 4(d)(6)(C) of the Secure Networks Act, the Commission may grant recipients extensions of this term on an individual basis.[8] The Commission delegated authority to the Bureau to grant or deny individual petitions for an extension of a recipient's term.[9] The Bureau "may grant an extension for up to six months after finding, that due to no fault of such recipient, such recipient is unable to complete the permanent removal, replacement, and disposal by the end of the term" and "may grant more than one extension request to a recipient if circumstances warrant."[10] This can occur, for example, due to the lack of funding to fully reimburse recipients, which can require recipients to revise their plans in ways that cause them to need more time to remove, replace, and dispose of covered equipment, in addition to delays in receiving the necessary equipment to replace their covered equipment, which likewise can require a recipient to need more time to meet its obligations under the Reimbursement Program.[11] The detailed rationales for these decisions are explained in the Bureau's prior orders.

(Continued from previous page)
and disposal of covered communications equipment and services" and identifying that, across all filed applications, applicants sought a total of "approximately $5.6 billion in gross program support").

[4] *See* 47 U.S.C. § 1603(d)(5)(C); 47 CFR § 1.50004(f)(1); *SCRP Granted Applications Public Notice* at 2-3.

[5] The Commission's rules provide that "[i]f there is insufficient funding to fully fund all requests in a particular prioritization category, then the [Bureau] will pro-rate the available funding among all eligible providers in that prioritization category." 47 CFR § 1.50004(f)(1); *see also* 47 U.S.C. § 1603(d)(5)(A) ("[T]he Commission shall make reasonable efforts to ensure that reimbursement funds are distributed equitably among all applicants for reimbursements under the Program according to the needs of the applicants, as identified by the applications of the applicants.").

[6] *See* 47 CFR § 1.50004(f)(1); *see also SCRP Granted Applications Public Notice* at 2-3.

[7] 47 U.S.C. § 1603(d)(6)(A); 47 CFR § 1.50004(h).

[8] *See* 47 U.S.C. § 1603(d)(6)(C).

[9] *See* 47 U.S.C. § 1603(d)(6)(C); 47 CFR § 1.50004(h)(2) ("Individual extensions. Prior to the expiration of the removal, replacement and disposal term, a Reimbursement Program recipient may petition the Wireline Competition Bureau for an extension of the term. The Wireline Competition Bureau may grant an extension for up to six months after finding, that due to no fault of such recipient, such recipient is unable to complete the permanent removal, replacement, and disposal by the end of the term. The Wireline Competition Bureau may grant more than one extension request to a recipient if circumstances warrant.").

[10] 47 CFR § 1.50004(h)(2); *see also 2020 Supply Chain Order*, 35 FCC Rcd at 14354-56, paras. 171, 173 and n.501.

[11] *See*, *e.g.*, *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs,* WC Docket No. 18-89, Order, DA 23-875, para. 7 (WCB Sept. 22, 2023) (*Stealth Extension Order*) (granting an extension based on supply chain issues); *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs,* WC Docket No. 18-89, Order, DA 23-938, paras. 12-16 (WCB Oct. 10, 2023) (*WorldCell et al. Extension Order*) (granting extensions based in both funding issues and supply chain issues); *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs*, WC Docket No. 18-89, Order, DA 23-1016, paras. 12-16 (WCB Oct. 27, 2023) (*Point/SI Wireless Extension Order*) (granting extensions based on both funding issues and supply chain issues); *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs,* WC Docket No. 18-89, Order, DA 23-1110, paras. 8-11 (WCB Nov. 28, 2023) (*Triangle Telephone/Triangle Communication Extension Order*) (granting extension of time requests by Triangle Telephone Cooperative Association Inc. and Triangle
(continued….)

The Bureau strongly encourages recipients that intend to file a petition for an extension to do so as promptly as possible after determining that their circumstances meet the standard for an extension established in the statute and the Commission's implementing rules, and well in advance of the recipient's deadline, so the Bureau is able to fully consider and grant or deny the petition before the recipient's term expires.

Consistent with the Commission's goal of streamlining its internal review processes,[12] and further pursuant to our delegated authority,[13] we announced in our *January 2024 Streamlined Resolution Public Notice* that we would, with that Public Notice, begin issuing a Public Notice, as necessary but not more frequently than monthly, disposing of pending petitions which seek an extension of an applicants' removal, replacement, and disposal terms that do not involve complicated and/or controversial issues in a manner consistent with Commission and/or Bureau precedent.[14] Accordingly, we hereby grant the pending petitions listed below for an extension of a recipient's term to remove, replace, and dispose of its covered equipment.[15]

Recipient – Advantage Cellular Systems, Inc., SCRP0001177

> **Grounds for individual term extension** – Advantage Cellular Systems, Inc. (Advantage Cellular) requests a six-month extension of its deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2). Advantage

(Continued from previous page)
Communication System, Inc. based on supply chain issues); *Protecting Against National Security Threats to the Communications Supply Chain Through FCC Programs,* WC Docket No. 18-89, Order, DA 23-1196, para. 5 (WCB Dec. 21, 2023) (*GigSky, Inc. Extension Order*) (granting extension of time request by GigSky, Inc. based on funding issues).

[12] *See Report on FCC Process Reform,* GN Docket No. 14-25 (Staff Working Group, Feb. 14, 2014) (*Process Reform Report*).

[13] *See* 47 CFR §§ 0.91, 0.291, 1.50004(h)(2).

[14] *Streamlined Resolution of Requests Under the Secure and Trusted Communications Networks Reimbursement Program*, WC Docket No. 18-89, Public Notice, DA 24-88, at 3 (WCB Jan. 31, 2024) (*January 2024 Streamlined Resolution Public Notice*). This approach further speeds the disposition of petitions seeking extension of the removal, replacement, and disposal term and to ensure the continued efficient administration of the Reimbursement Program, while at the same time fulfilling our obligation to thoroughly review the record before us. *Id.* Prior to issuance of the *January 2024 Streamlined Resolution Public Notice*, we had resolved petitions for extensions of recipients' removal, replacement, and disposal terms in stand-alone orders addressing each petition. The Bureau routinely resolves other matters in the manner of the *January 2024 Streamlined Resolution Public Notice*, as appropriate. *See*, *e.g.*, *Streamlined Process for Resolving Requests for Review of Decisions by the Universal Service Administrative Company*, CC Docket Nos. 96-45 and 02-6, WC Docket Nos. 02-60, 06-122, 08-71, 10-90, 11-42, and 14-58, Public Notice, 29 FCC Rcd 11094 (WCB 2014) (stating that the Bureau will resolve certain Universal Service Fund matters in a streamlined public notice).

[15] To the extent the requests cited in this Public Notice seek extensions of time based on grounds other than funding issues and supply chain issues, this Public Notice does not address those grounds. In addition, we expressly reject any suggestion in the requests that a recipient is required to meet its statutorily mandated removal, replacement, and disposal obligations only if full funding is made available by Congress. Recipients should be aware of the lack of full funding will not necessarily be a sufficient showing for repetitive extension requests, as recipients should continually be making progress toward completing their projects by the end of their removal, replacement, and disposal term. The Bureau will evaluate the sufficiency of each individual extension request at the time it is filed in determining whether to grant or deny it. A recipient's obligation to complete the permanent removal, replacement, and disposal of covered communications equipment or services exists regardless of the amount of funding it may receive through the Reimbursement Program pursuant to the Secure Networks Act. Within 10 days following the expiration of the removal, replacement, and disposal term, a recipient must file a final certification with the Commission indicating whether it has fully complied with all terms and conditions of the Reimbursement Program. 47 U.S.C. § 1603(e)(4)(A); 47 CFR § 1.50004(m)(1).

Cellular contends that its ability to complete the removal, replacement, and disposal of covered equipment and services by its current deadline has, through no fault of its own, been materially affected by supply chain issues, namely by unusually long delays for the delivery of necessary equipment and associated increases in the pricing for the equipment, and the lack of full funding for the required work, which has resulted in uncertainty, delays and additional costs.[16] As a result of these factors, Advantage Cellular contends that it will need additional time to complete its work. The Bureau finds Advantage Cellular's showing persuasive and that its situation is consistent with the situation of other recipients that have been granted extensions on similar grounds,[17] and accordingly grants the requested extension.

New removal, replacement, and disposal term (RRD term) expiration date – Advantage Cellular's deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2) IS EXTENDED from March 10, 2024 to September 10, 2024.

Recipient – James Valley Cooperative Telephone Company, SCRP0001105

Grounds for individual term extension – James Valley Cooperative Telephone Company (James Valley) requests a second six-month extension of its deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2).[18] James Valley contends that its ability to complete the removal, replacement, and disposal of covered equipment and services by its current deadline has, through no fault of its own, been materially affected by the lack of full funding for the required work, which has resulted in uncertainty, delays and additional costs, and that it will need additional time to complete its work.[19] The Bureau finds James Valley's showing persuasive and that its situation is consistent with the situation of other recipients that have been granted extensions on similar grounds,[20] and accordingly grants the requested extension.

New RRD term expiration date – James Valley's deadline to remove, replace, and dispose of

[16] Request of Advantage Cellular Systems, Inc. for Extension of Time, WC Docket No. 18-89 (filed Feb. 1, 2024), https://www.fcc.gov/ecfs/document/10201107902765/1.

[17] *See WorldCell et al. Extension Order* at 5-7, paras. 11-15; *Point/SI Wireless Extension Order* at 5-6, paras. 12-14; *GigSky Extension Order* at 2, paras. 4-5; *January 2024 Streamlined Resolution Public Notice* at 5 (as to the lack of full funding); *see Stealth Extension Order* at 3-5, paras. 6-11; *WorldCell et al. Extension Order* at 7-8, paras. 16-19; *Point/SI Wireless Extension Order* at 6-7, paras. 15-18; *Triangle Extension Order* at 4-5, paras. 8-11; *January 2024 Streamlined Resolution Public Notice* at 4-5 (as to supply chain issues)

[18] James Valley previously requested, and we granted, a six-month extension of its deadline on grounds of delays related to a lack of full funding for the required work. *WorldCell et al. Extension Order* at 5-7, paras. 12-15. The Commission has directed that the Bureau may grant more than one extension request to a recipient if circumstances warrant, and has stated that the Secure Networks Act does not provide any direct limit on the number of extensions that may be granted. *2020 Supply Chain Order*, 35 FCC Rcd at 14355-56, para. 173. The Commission stated that extensions are "an important safety valve" for recipients to complete their network transitions. *Id*. However, recipients must fully demonstrate for each request that a delay is due to factors beyond its control so that the Bureau can assess whether a delay to remove, replace, and dispose of equipment and service posing a national security is warranted. Each extension request will be evaluated separately on its own merit and in light of circumstances at the time.

[19] Request of James Valley Cooperative Telephone Company for Extension of Time, WC Docket No, 18-89 (filed Feb. 21, 2024), https://www.fcc.gov/ecfs/document/1022156811674/1.

[20] *See WorldCell et al. Extension Order* at 5-7, paras. 11-15; *Point/SI Wireless Extension Order* at 5-6, paras. 12-14; *GigSky Extension Order* at 2, paras. 4-5; *January 2024 Streamlined Resolution Public Notice* at 5.

covered equipment and services in its network under 47 CFR § 1.50004(h)(2) IS EXTENDED from April 8, 2024 to October 8, 2024.

Recipient – NE Colorado Cellular Inc., SCRP0001106; SCRP0001107; SCRP0001108; SCRP0001109; SCRP0001116; and SCRP0001117

Grounds for individual term extension – NE Colorado Cellular Inc. (NE Colorado) requests a six-month extension of its deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2) as to each of the above-identified applications. NE Colorado contends that its ability to complete the removal, replacement, and disposal of covered equipment and services by its current deadline has, through no fault of its own, been materially affected by the lack of full funding for the required work, and that it will need additional time to complete its work.[21] The Bureau finds NE Colorado's showing persuasive and that its situation is consistent with the situation of other recipients that have been granted extensions on similar grounds,[22] and accordingly grants the requested extension.

New RRD term expiration dates – NE Colorado's deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2) IS EXTENDED as follows:

- For File No. SCRP0001106, from March 9, 2024 to September 9, 2024;
- For File No. SCRP0001107, from April 6, 2024 to October 6, 2024;
- For File No. SCRP0001108, from April 6, 2024 to October 6, 2024;
- For File No. SCRP0001109, from April 6, 2024 to October 6, 2024;
- For File No. SCRP0001116, from April 6, 2024 to October 6, 2024; and
- For File No. SCRP0001117, from April 6, 2024 to October 6, 2024.

Recipient – Panhandle Telecommunication Systems Inc., SCRP0001033

Grounds for individual term extension – Panhandle Telecommunication Systems Inc. (Panhandle) requests a six-month extension of its deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2). Panhandle contends that its ability to complete the removal, replacement, and disposal of covered equipment and services by its current deadline has, through no fault of its own, been materially affected by supply chain issues, which are outside of its control and causing a delay in it completing some replacement and disposal work. It also asserts that the lack of full funding for the required work has resulted in uncertainty, delays, and additional costs and that Panhandle lacks the financial

[21] Request of NE Colorado Cellular Inc. for Extension of Time, WC Docket No. 18-89 (filed Jan. 16, 2024), https://www.fcc.gov/ecfs/document/101171988419104/1 (SCRP0001106); Request of NE Colorado Cellular Inc. for Extension of Time, WC Docket No. 18-89 (filed Jan. 16, 2024), https://www.fcc.gov/ecfs/document/10117628617389/1 (SCRP0001107); Request of NE Colorado Cellular Inc. for Extension of Time, WC Docket No. 18-89 (filed Jan. 16, 2024), https://www.fcc.gov/ecfs/document/10117538584 51/1 (SCRP0001108); Request of NE Colorado Cellular Inc. for Extension of Time, WC Docket No. 18-89 (filed Jan. 16, 2024), https://www.fcc.gov/ecfs/document/10117229839955/1 (SCRP0001109); Request of NE Colorado Cellular Inc. for Extension of Time, WC Docket No. 18-89 (filed Jan. 16, 2024), https://www.fcc.gov/ecfs/document/10117018925916/1 (SCRP0001116); Request of NE Colorado Cellular Inc. for Extension of Time, WC Docket No. 18-89 (filed Jan. 16, 2024), https://www.fcc.gov/ecfs/document/1011783761405/1 (SCRP0001117).

[22] *See WorldCell et al. Extension Order* at 5-7, paras. 11-15; *Point/SI Wireless Extension Order* at 5-6, paras. 12-14; *GigSky Extension Order* at 2, paras. 4-5; *January 2024 Streamlined Resolution Public Notice* at 5.

resources to address this within its currently assigned term.[23] As a result of these factors, Panhandle contends that it will need additional time to complete its work. The Bureau finds Panhandle's showing persuasive and that its situation is consistent with the situation of other recipients that have been granted extensions on similar grounds,[24] and accordingly grants the requested extension.

New RRD term expiration date – Panhandle's deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2) IS EXTENDED from April 18, 2024 to October 18, 2024.

Recipient – Stealth Communications, LLC, SCRP0001138

Grounds for individual term extension – Stealth Communications, LLC (Stealth) requests a second six-month extension of its deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2).[25] Stealth contends that its ability to complete the removal, replacement, and disposal of covered equipment and services by its current deadline has, through no fault of its own, been materially affected by supply chain issues impacting other deadlines, and that it will need additional time to complete its work.[26] The Bureau finds Stealth's showing persuasive and that its situation is consistent with the situation of other recipients that have been granted extensions on similar grounds,[27] and accordingly grants the requested extension.

New RRD term expiration date – Stealth's deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2) IS EXTENDED from March 29, 2024 to September 29, 2024.

Recipient – TRANSTELCO INC., SCRP0001170

Grounds for individual term extension – TRANSTELCO INC. (TRANSTELCO) requests a six-month extension of its deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2). TRANSTELCO contends that its ability to complete the removal, replacement, and disposal of covered equipment and services by its current deadline has, through no fault of its own, been materially affected by supply chain issues, namely delays in delivery of necessary equipment that extend into February 2024, impacting

[23] Request of Panhandle Telecommunication Systems Inc for Extension of Time, WC Docket No. 18-89 (filed Feb. 2, 2024), https://www.fcc.gov/ecfs/document/10202694006192/1.

[24] *See WorldCell et al. Extension Order* at 5-7, paras. 11-15; *Point/SI Wireless Extension Order* at 5-6, paras. 12-14; *GigSky Extension Order* at 2, paras. 4-5; *January 2024 Streamlined Resolution Public Notice* at 5 (as to the lack of full funding); *see Stealth Extension Order* at 3-5, paras. 6-11; *WorldCell et al Extension Order* at 7-8, paras. 16-19; *Point/SI Wireless Extension Order* at 6-7, paras. 15-18; *Triangle Extension Order* at 4-5, paras. 8-11; *January 2024 Streamlined Resolution Public Notice* at 4-5 (as to supply chain issues).

[25] Stealth previously requested, and we granted, a 6-month extension of its deadline on grounds of supply chain issues. *Stealth Extension Order*. *See also supra* note 18.

[26] Request of Stealth Communications, LLC for Extension of Time, WC Docket No. 18-89 (filed Feb. 21, 2024), https://www.fcc.gov/ecfs/document/102211562115304/1.

[27] *See Stealth Extension Order* at 3-5, paras. 6-11; *WorldCell et al. Extension Order* at 7-8, paras. 16-19; *Point/SI Wireless Extension Order* at 6-7, paras. 15-18; *Triangle Extension Order* at 4-5, paras. 8-11; *January 2024 Streamlined Resolution Public Notice* at 4-5.

other deadlines, and that it will need additional time to complete its work.[28] The Bureau finds TRANSTELCO's showing persuasive and that its situation is consistent with the situation of other recipients that have been granted extensions on similar grounds,[29] and accordingly grants the requested extension.

New RRD term expiration date – TRANSTELCO's deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2) IS EXTENDED from March 25, 2024 to September 16, 2024.

Recipient – United Wireless Communications, Inc., SCRP0001104

Grounds for individual term extension – United Wireless Communications, Inc. (United Wireless) requests a six-month extension of its deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2). United Wireless contends that its ability to complete the removal, replacement, and disposal of covered equipment and services by its current deadline has, through no fault of its own, been materially affected by supply chain issues, namely delays in sourcing required materials and delays caused by labor shortages, and that it will need additional time to complete its work.[30] The Bureau finds United Wireless's showing persuasive and that its situation is consistent with the situation of other recipients that have been granted extensions on similar grounds,[31] and accordingly grants the requested extension.

New RRD term expiration date – United Wireless's deadline to remove, replace, and dispose of covered equipment and services in its network under 47 CFR § 1.50004(h)(2) IS EXTENDED from April 21, 2024 to October 21, 2024.

The deadline for filing petitions for reconsideration or applications for review concerning the disposition of any of these extension requests is 30 days from the release date of this Public Notice.[32]

For additional information concerning this Public Notice, please contact Ty Covey in the Competition Policy Division, Wireline Competition Bureau, at ty.covey@fcc.gov or (202) 418-1372.

- FCC -

[28] Request of Transtelco, Inc, for Extension of Time, WC Docket No. 18-89 (filed Feb. 26, 2024), https://www.fcc.gov/ecfs/document/10226823930126/1.

[29] *See Stealth Extension Order* at 3-5, paras. 6-11; *WorldCell et al. Extension Order* at 7-8, paras. 16-19; *Point/SI Wireless Extension Order* at 6-7, paras. 15-18; *Triangle Extension Order* at 4-5, paras. 8-11; *January 2024 Streamlined Resolution Public Notice* at 4-5.

[30] Request of United Wireless Communications, Inc. for Extension of Time, WC Docket No. 18-89 (filed Feb. 1, 2024), https://www.fcc.gov/ecfs/document/10201591929662/1 , and Supplement to Request of United Wireless Communications, Inc. for Extension of Time, WC Docket No. 18-89 (filed Feb. 20, 2024), https://www.fcc.gov/ecfs/document/10221855215026/1.

[31] *See Stealth Extension Order* at 3-5, paras. 6-11; *WorldCell et al. Extension Order* at 7-8, paras. 16-19; *Point/SI Wireless Extension Order* at 6-7, paras. 15-18; *Triangle Extension Order* at 4-5, paras. 8-11; *January 2024 Streamlined Resolution Public Notice* at 4-5.

[32] *See* 47 CFR §§ 1.106(f), 1.115(d); *see also* 47 CFR § 1.4(b)(2) (setting forth the method for computing the amount of time within which persons or entities must act in response to deadlines established by the Commission).

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Implications of Artificial Intelligence Technologies	)	CG Docket No. 23-362
on Protecting Consumers from Unwanted	)	
Robocalls and Robotexts	)	

DECLARATORY RULING

Adopted: February 2, 2024 **Released: February 8, 2024**

By the Commission: Chairwoman Rosenworcel and Commissioners Starks and Gomez issuing separate statements.

I. INTRODUCTION

1. As artificial intelligence (AI) technologies emerge that affect the existing regulatory landscape that protects consumers from unwanted and illegal robocalls, we take action today to ensure that consumers continue to receive the protections afforded under the Telephone Consumer Protection Act (TCPA).[1] AI technologies that can generate content such as artificial voice communications can be beneficial, but also pose new challenges to consumers.[2] We take this opportunity to clarify the application of the TCPA to these technologies.

2. In this Declaratory Ruling, we confirm that the TCPA's restrictions on the use of "artificial or prerecorded voice" encompass current AI technologies that generate human voices.[3] As a result, calls that use such technologies fall under the TCPA and the Commission's implementing rules, and therefore require the prior express consent of the called party to initiate such calls absent an emergency purpose or exemption.[4]

II. BACKGROUND

3. The TCPA protects consumers from unwanted calls made using an artificial or prerecorded voice.[5] In relevant part, the TCPA prohibits initiating "any telephone call to any residential telephone line using an artificial or prerecorded voice to deliver a message without the prior express consent of the called party" unless a statutory exception applies or the call is "exempted by rule or order by the Commission under [section 227(b)(2)(B)]."[6] The TCPA also prohibits, without the prior express consent of the called party, any non-emergency call made using an automatic telephone dialing system or

[1] *See* Telephone Consumer Protection Act of 1991, Pub. L. No. 102-243, 105 Stat. 2394 (1991), *codified at* 47 U.S.C. § 227. As discussed in more detail below, the TCPA regulates any call made using an "automatic telephone dialing system" or an artificial or prerecorded voice. Any such call is considered a "robocall" for purposes of this proceeding. *See* 47 U.S.C. § 227(b)(1).

[2] *See, e.g.*, Executive Order No. 14110, *Safe, Secure, and Trustworthy Development and Use of Artificial Intelligence*, 88 Fed. Reg. 75191 (Oct. 30, 2023).

[3] *See* 47 U.S.C. § 227(b); 47 CFR § 64.1200(a)(1), (3).

[4] The Commission has exercised its statutory authority to adopt certain exemptions from this prohibition. *See* 47 CFR § 64.1200(a)(3), (9).

[5] *See* 47 U.S.C. § 227(b)(1).

[6] 47 U.S.C. § 227(b)(1)(B). The TCPA does not define the terms "artificial" or "prerecorded voice."

an artificial or prerecorded voice to certain specified categories of telephone numbers including emergency lines and wireless numbers.[7]

4. On November 16, 2023, the Commission released a Notice of Inquiry seeking to better understand the implications of emerging AI technologies as part of our ongoing efforts to protect consumers from unwanted and illegal telephone calls and text messages under the TCPA.[8] As part of that inquiry, the Commission indicated that "the Commission's authority under the TCPA encompasses current uses of AI in robocalling and robotexting as we understand them, e.g., emulating human speech and interacting with consumers as though they were live human callers when generating voice and text messages."[9] In addition, the Commission stated "that certain AI technologies such as 'voice cloning' appear to fall within the TCPA's existing prohibition on artificial or prerecorded voice messages because this technology artificially simulates a human voice" and sought comment on these issues.[10] In response, several commenters ask the Commission to confirm that AI technologies that simulate a human voice and/or generate call content using a prerecorded voice should be considered an "artificial or prerecorded voice" for purposes of the TCPA.[11]

III. DISCUSSION

5. Consistent with our statements in the *AI NOI*, we confirm that the TCPA's restrictions on the use of "artificial or prerecorded voice" encompass current AI technologies that resemble human voices and/or generate call content using a prerecorded voice.[12] Therefore, callers must obtain prior express consent from the called party before making a call that utilizes artificial or prerecorded voice simulated or generated through AI technology.[13] AI technologies such as "voice cloning" fall within the TCPA's existing prohibition on artificial or prerecorded voice messages because this technology artificially simulates a human voice.[14] Voice cloning and other similar technologies emulate real or artificially created human voices for telephone calls to consumers.[15] They are "artificial" voice messages because a person is not speaking them,[16] and, as a result, when used they represent the types of calls the TCPA seeks to protect consumers from.[17] The Commission also recognized in the *AI NOI* the potential

[7] *See* 47 U.S.C. § 227(b)(1)(A).

[8] *See Implications of Artificial Intelligence Technologies on Protecting Consumers from Unwanted Robocalls and Robotexts*, CG Docket No. 23-362, Notice of Inquiry, FCC 23-101 (rel. Nov. 16, 2023) (*AI NOI*).

[9] *Id*. at para. 9.

[10] *Id*. at para. 25.

[11] *See, e.g.*, State AG Reply Comments at 2-3 ("any type of AI technology that generates a human voice should be considered an 'artificial voice' for purposes of the TCPA"); Transaction Network Services Comments at 4 ("The Commission should also take this opportunity to issue clear and explicit guidance to the industry explaining that the plain language of the TCPA applies to any AI-generated voice call"); USTelecom Comments at 3-4 ("The Commission, however, should take this opportunity to issue clear and explicit guidance to the industry confirming that the plain language of the [TCPA] applies to any AI-generated voice call").

[12] *See AI NOI* at paras. 9, 12, 25.

[13] If these robocalls introduce an advertisement or contain telemarketing, the Commission's rules require that the caller obtain the prior express *written* consent of the called party. *See* 47 CFR § 64.1200(a)(2), (3).

[14] *See* Anisha Kohli, *From Scams to Music, AI Voice Cloning is on the Rise* (Apr. 29, 2023) https://time.com/6275794/ai-voice-cloning-scams-music.

[15] *AI NOI* at para. 25.

[16] This accords with court decisions that have described an "artificial voice" under the TCPA as including "a sound resembling a human voice that is originated by artificial intelligence." *Trim v. Reward Zone USA*, 76 F.4th 1157, 1163 (9th Cir. 2023).

[17] 47 U.S.C. § 227(b)(1)(A), (b)(1)(B) (imposing restrictions on calls "using . . . an artificial . . . voice").

for AI technologies to communicate with consumers using prerecorded voice messages.[18] Where this occurs, we conclude that the call is "using" a "prerecorded voice" within the meaning of the TCPA.[19] In reaching these conclusions, we agree with several commenters that the existing consumer protections under the TCPA apply to these calls.[20] No commenter opposes these conclusions.

6. Our finding will deter negative uses of AI and ensure that consumers are fully protected by the TCPA when they receive such calls. And it also makes clear that the TCPA does not allow for any carve out of technologies that purport to provide the equivalent of a live agent, thus preventing unscrupulous businesses from attempting to exploit any perceived ambiguity in our TCPA rules.[21] Although voice cloning and other uses of AI on calls are still evolving, we have already seen their use in ways that can uniquely harm consumers and those whose voice is cloned.[22] Voice cloning can convince a called party that a trusted person, or someone they care about such as a family member, wants or needs them to take some action that they would not otherwise take. Requiring consent for such calls arms consumers with the right not to receive such calls or, if they do, the knowledge that they should be cautious about them.[23]

7. To be clear, we understand that not all AI-generated calls may be deceptive or annoy all consumers. But the TCPA's demands fully apply to those calls and, thus, consumers can themselves choose whether to receive them. Indeed, as Congress observed in adopting the TCPA, "residential telephone subscribers consider automated or prerecorded telephone calls, regardless of the content or the initiator of the message, to be a nuisance and an invasion of privacy."[24] Our ruling today thus comports with both the statutory text and the legislative intent of the TCPA and protects consumers from unwanted and illegal prerecorded or artificial voice calls.

8. Our conclusion is also consistent with the Commission's *Soundboard Ruling*, which confirmed that the TCPA applies to *any* telephone call that is initiated using an artificial or prerecorded voice message.[25] There the Commission confirmed that the presence of a live agent on a call selecting the

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[18] *AI NOI* at para. 13.

[19] 47 U.S.C. § 227(b)(1)(A), (b)(1)(B) (imposing restrictions on calls "using" a "prerecorded voice").

[20] *See, e.g.*, INCOMPAS Reply Comments at 4; State AG Reply Comments at 2-3; Transaction Network Services Comments at 4; USTelecom Comments at 3-4.

[21] *See* State AG Reply Comments at 2.

[22] *See, e.g.,* Ali Swenson and Will Weissert, *New Hampshire investigating fake Biden robocall meant to discourage voters ahead of primary* (Jan. 24, 2024) https://apnews.com/article/new-hampshire-primary-biden-ai-deepfake-robocall-f3469ceb6dd613079092287994663db5; Justin Green and Allie Weintraub, *Experts warn of rise in scammers using AI to mimic voices of loved ones in distress* (July 7, 2023). https://abcnews.go.com/Technology/experts-warn-rise-scammers-ai-mimic-voices-loved/story?id=100769857.

[23] As discussed below, section 64.1200(b)(1) of the Commission's rules provides: "All artificial or prerecorded voice telephone messages shall: (1) At the beginning of the message, state clearly the identity of the business, individual, or other entity that is responsible for initiating the call. . . ."

[24] Telephone Consumer Protection Act of 1991, Public Law 102-243, 102d Congress, § 2(10) (1991).

[25] *See Rules and Regulations Implementing the Telephone Protection Act of 1991, NorthStar Alarm Services LLC's Petition for Expedited Declaratory Ruling, Yodel Technologies Petition for Expedited Declaratory Ruling or in the Alternative Retroactive Waiver*, CG Docket No. 02-278, Declaratory Ruling and Order, 35 FCC Rcd 14640 at 14643, para. 11 (2020) (*Soundboard Ruling*). Although certain provisions of the TCPA use the term "make" rather than "initiate" a call, *see, e.g.*, 47 U.S.C. § 227(b)(1)(A), "[t]he Commission uses the words 'make' and 'initiate' interchangeably in its rules arising under § 227(b)(1)(A) without drawing any distinction." *Dialing Services, LLC*, Notice of Apparently Liability for Forfeiture, 29 FCC Rcd 5537, 5542, para 14, n.30 (2014); *see also Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991, et al.*, Declaratory Ruling and Order, 30 FCC Rcd 7961, 7979, para. 27 n.95 (2015) ("the Commission has recently stated that the same logic that applies to the 'initiation' of calls under section 227(b)(1)(b) applies to the 'making' of calls under section 227(b)(1)(A)").

prerecorded messages to be played "does not negate the clear statutory prohibition against initiating a call using a prerecorded or artificial voice."[26] We find that this rationale applies to AI technologies, including those that either wholly simulate an artificial voice or resemble the voice of a real person taken from an audio clip to make it appear as though that person is speaking on the call to interact with consumers. In both cases, the call is initiated using an artificial or prerecorded voice under the TCPA.

9. As a result, callers that use such technologies must obtain the prior express consent of the called party to initiate such calls absent an emergency purpose or exemption.[27] In addition, our rules require that all artificial or prerecorded voice messages must provide certain identification and disclosure information for the entity responsible for initiating the call.[28] In every case where the artificial or prerecorded voice message includes or introduces an advertisement or constitutes telemarketing, it must also offer specified opt-out methods for the called party to make a request to stop calling that telephone number.[29] These requirements are applicable to any AI technology that initiates any outbound telephone call using an artificial or prerecorded voice to consumers.

IV. ORDERING CLAUSE

10. Accordingly, **IT IS ORDERED**, pursuant to Sections 1-4, and 227 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151-154, 227, sections 1.2 and 64.1200 of the Commission's rules, 47 CFR §§ 1.2 and 64.1200, that this Declaratory Ruling IS ADOPTED.

11. **IT IS FURTHER ORDERED** that this Declaratory Ruling shall be effective upon release.

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

[26] *Soundboard Ruling* at 14644, para. 12.

[27] *See* 47 CFR § 64.1200(a)(1), (3).

[28] *See* 47 CFR § 64.1200(b)(1), (2).

[29] *See* 47 CFR § 64.1200(b)(3).

STATEMENT OF
CHAIRWOMAN JESSICA ROSENWORCEL

Re: *Implications of Artificial Intelligence Technologies on Protecting Consumers from Unwanted Robocalls and Robotexts*, CG Docket No. 23-362, Declaratory Ruling (February 2, 2024)

It seems like something from the far-off future, but it is already here.

Artificial Intelligence-generated voice cloning and image creating tools are now more accessible and more likely to be used for fraud. This technology can confuse us when we listen, view, and click, because it can trick us into thinking all kinds of fake stuff is legitimate. Already we see this happening with Tom Hanks hawking dental plans online, a vile video featuring Taylor Swift, and calls from candidates for political office that are designed to confuse us about where and when to vote. We also have stories of grandparents who are led to believe that it is really their grandchild on the phone begging for funds, only to learn later it was a bad actor preying on their willingness to forward money to family.

No matter what celebrity or politician you favor, or what your relationship is with your kin when they call for help, it is possible we could all be on the receiving end of these faked calls. That is why at the Federal Communications Commission, we are taking action to stop the bad actors responsible for this junk. In November we launched a Notice of Inquiry to build a record to help combat illegal robocalls where AI might be involved. We asked questions about how AI might be used for scams that arise out of robocalls, by mimicking the voices of those we know. But just as important, we asked about how AI can help us with pattern recognition so that we turn this technology into a force for good that can recognize illegal robocalls before they ever even reach us on the phone.

Today we go a step further. We issue a Declaratory Ruling to make clear that under the Telephone Consumer Protection Act, restrictions on the use of an "artificial or prerecorded voice" apply to the AI technologies that are already being used to generate unwanted and unlawful robocalls.

What does that mean? The Telephone Consumer Protection Act is the primary law we have to help limit unwanted robocalls. It means that AI technologies like voice cloning fall within this law's existing prohibitions and that calls that use this technology to simulate a human voice are illegal, unless callers have obtained prior express consent. It also means that when these calls happen, State Attorneys General across the country can go after the bad actors behind these robocalls and seek damages under the law. In fact, 26 State Attorneys General—from all across the country—wrote to us supporting this approach. Even better, at the Commission we now have a Memorandum of Understanding with 48 State Attorneys General who have agreed to work with us to combat robocalls. Now, with this Declaratory Ruling, we will have another tool to go after voice cloning scams and get this junk off the line.

STATEMENT OF
COMMISSIONER GEOFFREY STARKS

Re: *Implications of Artificial Intelligence Technologies on Protecting Consumers from Unwanted Robocalls and Robotexts*, CG Docket No. 23-362, Declaratory Ruling (February 2, 2024)

We all know unwanted robocalls are a scourge on our society. But I am particularly troubled by recent harmful and deceptive uses of voice cloning in robocalls. Real world examples here are no longer theoretical. Bad actors are using voice cloning – a generative AI technology that uses a recording of a human voice to generate speech sounding like that voice – to threaten election integrity, harm public safety, and prey on the most vulnerable members of our society.

In January, potential primary voters in New Hampshire received a call, purportedly from President Biden, telling them to stay home and "save your vote" by skipping the state's primary.[1] The voice on the call sounded like the President's, but of course it wasn't. Those were voice cloning calls. The use of generative AI has brought a fresh threat to voter suppression schemes and the campaign season with the heightened believability of fake robocalls.[2] Another example: parents have been scared half to death hearing their child's voice on the other end of the line, saying they've been kidnapped, or need money to get out of trouble.[3] In actuality, their children are safe and unaware of the chaos. Finally, fraudsters continue to target the elderly through "grandparent" scams, but voice cloning adds a frightening new dimension to these attacks on those who may be least able to detect them.[4] These are real attacks causing harm and confusion, and given their effectiveness, we can assuredly expect more to come.

The whole of government is rightly focused on whether and how to regulate AI. President Biden issued a landmark executive order aimed at seizing the promise and managing the risks of AI. Senator Schumer has convened nine bipartisan AI insight forums, bringing together leading minds to advise Congress broadly on AI's impact from the workforce to national security. Legislators have introduced bills addressing the use of AI in dozens of contexts, including election integrity: in fact, a bipartisan group of senators have introduced legislation that would ban the use of AI to generate content falsely depicting federal candidates to influence an election, and comprehensive robocall legislation announced just days ago would double the statutory penalty for calls using AI to impersonate an individual or entity with the intent to defraud.

This work is critical. In the interim, agencies that have existing authority to regulate AI should work hard to address harmful uses of the technology. And they are. The Federal Trade Commission just finished accepting submissions for its Voice Cloning Challenge – an effort to encourage products, policies, and procedures aimed at protecting consumers from AI-enabled voice cloning harms. The Federal Election Commission has sought comment on prohibiting the deceptive use of AI in campaign

[1] Steve Holland, "Fake 'Biden' robocall tells New Hampshire Democrats to stay home," Reuters (Jan. 22, 2024), https://www.reuters.com/world/us/fake-biden-robo-call-tells-new-hampshire-voters-stay-home-2024-01-22/.

[2] Christine Chung, "The Used Robocalls to Suppress Black Votes. Now They Have to Register Voters." The New York Times (Dec. 1, 2022), https://www.nytimes.com/2022/12/01/us/politics/wohl-burkman-voter-suppression-ohio.html; *In the Matter of John M. Burkman, Jacob Alexander Wohl, J.M. Burman & Associates*, Forfeiture Order, File No. EB-TCD-21-00032652 et al. (2023) (FCC's assessment of $5,134,000 forfeiture against the perpetrators of 2020 robocall voter suppression scheme for violations of the TCPA).

[3] Faith Karimi, "'Mom, these bad men have me': She believes scammers cloned her daughter's voice in a fake kidnapping," CNN (Apr. 29, 2023), https://www.cnn.com/2023/04/29/us/ai-scam-calls-kidnapping-cec/index.html; Pranshu Verma, "They thought loved ones were calling for help. It was an AI scam." The Washington Post (Mar. 5, 2023), https://www.washingtonpost.com/technology/2023/03/05/ai-voice-scam/.

[4] Federal Communications Commission (Feb. 1, 2024), *'Grandparent' Scams Get More Sophisticated*, https://www.fcc.gov/grandparent-scams-get-more-sophisticated.

advertisements.

I am proud that the FCC is also stepping in to play its own unique role. We said it in our November Notice of Inquiry, and today's Declaratory Ruling makes it clear: the use of voice cloning in telephone calls and texts falls within the FCC's statutory authority under the TCPA. The Act prohibits calls using "artificial or prerecorded voice[s]" without consent. What is voice cloning, if not the use of an artificial voice? By issuing this item, we're responding to 26 bipartisan state attorneys general, who last month emphasized to the FCC that "any type of AI technology that generates a human voice should be considered an 'artificial voice' for purposes of the TCPA."[5]

The FCC's collaborative work with state and local law enforcement is key to investigating and stopping robocall scams. We must do all we can to aid these partners, so where we can give state attorney general partners the certainty of authority to go after these threats, we absolutely should. I know we will work hand in glove to enforce the law against bad actors using voice cloning calls to cause harm – and as we've seen, the harm can range from financial fraud to threats on the sanctity of our democratic process. Too much is at stake to stand still.

I want to thank the Chairwoman for her leadership in our robocall efforts and her prompt action on today's Declaratory Ruling. My thanks also to the Commission staff who worked on this item. It has my full support.

[5] Reply Comments of 26 State Attorneys General, CG Docket No. 23-362 at 1 (Jan. 16, 2024).

STATEMENT OF
COMMISSIONER ANNA M. GOMEZ

Re: *Implications of Artificial Intelligence Technologies on Protecting Consumers from Unwanted Robocalls and Robotexts*, CG Docket No. 23-362, Declaratory Ruling (February 2, 2024)

Artificial Intelligence (AI) technologies can bring both new challenges to the security of our communications and opportunities to combat robocalls and robotexts. Responsible and ethical implementation of AI technologies is crucial to strike a balance, ensuring that the benefits of AI are harnessed to protect consumers from harm rather than amplify the risks they face in an increasingly digital landscape. That is why it is important that the Federal Communications Commission issues this Declaratory Ruling.

Today, the Commission confirms that the Telephone Consumer Protection Act's prohibition on using "artificial or prerecorded voice" to make robocalls and robotexts without prior express consent of the receiving party includes AI technologies that generate human voices, such as voice cloning. This Declaratory Ruling is particularly important to prevent fraudsters from using AI to prey on consumers.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies	)	MB Docket No. 98-204
	)	
	)	

FOURTH REPORT AND ORDER, ORDER ON RECONSIDERATION, AND SECOND FURTHER NOTICE OF PROPOSED RULEMAKING

Adopted: February 7, 2024 **Released: February 22, 2024**

Comment Date: (30 days after date of publication in the Federal Register)
Reply Comment Date: (45 days after date of publication in the Federal Register)

By the Commission: Commissioners Starks issuing separate statement. Commissioners Carr and Simington dissenting and issuing separate statements.

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I. INTRODUCTION

1. By this *Fourth Report and Order*, *Order on Reconsideration*, and *Second Further Notice of Proposed Rulemaking*, we reinstate the collection of workforce composition data for television and

radio broadcasters on FCC Form 395-B[1] as statutorily required by the Communications Act of 1934, as amended (Act).[2] The Commission suspended its requirement that broadcast licensees file Form 395-B, which collects race, ethnicity, and gender information about a broadcaster's employees within specified job categories, more than two decades ago.[3] After a long period of inactivity, the Commission issued a Further Notice of Proposed Rulemaking (*Further Notice*) in July 2021 seeking to refresh the public record regarding the manner in which the Form 395-B data should be collected and maintained.[4] After careful consideration of the record, we reaffirm the Commission's authority to collect this critical information and conclude that broadcasters should resume filing Form 395-B on an annual basis.[5] Given the importance of this workforce information and Congress's expectation that such information would be collected and available, we reinstate this collection in a manner available to the public consistent with the Commission's previous, long-standing method of collecting this data.

2. Our ability to collect and access Form 395-B data is critical because it will allow for analysis and understanding of the broadcast industry workforce, as well as the preparation of reports to Congress about the same.[6] Collection, analysis, and availability of this information will support greater understanding of this important industry. We agree with broadcasters and other stakeholders that workforce diversity is critical to the ability of broadcast stations both to compete with one another and to effectively serve local communities across the country.[7] Without objective and industry-wide data it is impossible to assess changes, trends, or progress in the industry. Consistent with how these data have been collected historically, we will make broadcasters' Form 395-B filings available to the public because we conclude that doing so will ensure maximum accuracy of the submitted data, is consistent with Congress's goal to maximize the utility of the data an agency collects for the benefit of the public, allows us to produce the most useful reports possible for the benefit of Congress and the public, and allows for third-party testing of the accuracy of our data analyses. Thus, with today's action, we restore the process

[1] Form 395-B, the broadcast station Annual Employment Report, can be found at https://omb.report/icr/202004-3060-047/doc/100723701.

[2] 47 U.S.C. § 334(a).

[3] *See Suspension of the Broadcast and Cable Equal Employment Opportunity Outreach Program Requirements,* Memorandum Opinion and Order, 16 FCC Rcd 2872 (2001) (*Suspension Order*) (suspending the Equal Employment Opportunity (EEO) outreach program requirements applicable to broadcast licensees, including the requirement that broadcasters annually file a Form 395-B).

[4] *Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies*, MB Docket No. 98-204, Further Notice of Proposed Rulemaking, 36 FCC Rcd 12055, 12055, para. 1 (2021) (*Further Notice*). The *Further Notice* sought to refresh a 2004 NPRM. *See Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Procedures*, Third Report and Order and Fourth Notice of Proposed Rulemaking,19 FCC Rcd 9973, 9975, 9978, paras. 4, 13 (2004) (*Third Report and Order and Fourth NPRM*), *pet. for recon. pending*.

[5] Section 73.3612 of the Commission's rules provides that "[e]ach licensee or permittee of a commercially or noncommercially operated AM, FM, TV, Class A TV or International Broadcast station with five or more full-time employees shall file an annual employment report with the FCC on or before September 30 of each year on FCC Form 395–B." 47 CFR § 73.3612. We note that the filing requirements of section 73.3612 do not apply to Low Power FM Stations.

[6] *See*, *e.g.*, *Implementation of the Commission's Equal Employment Opportunity Rules*, Report, 9 FCC Rcd 6276 (1994) (reporting on trends in the employment of minorities and women in the broadcast and cable sectors in accordance with section 22(g) of the Cable Television Consumer Protection and Competition Act of 1992, Pub. L. 102-385 § 22, 106 Stat. 1460 (1992) (1992 Cable Act)); *see also* Letter from The Leadership Conference on Civil and Human Rights (the Leadership Conference) et al. to Jessica Rosenworcel, Chair, FCC (Sept. 29, 2022) at 1.

[7] *See*, *e.g.*, National Association of Broadcasters (NAB) Comments at 6 (noting that a diverse, equitable, and inclusionary workforce enables stations to leverage the various experiences and strengths of their staff to produce content that reflects the needs and interests of their local communities); *see also* The Leadership Conference Comments at 2.

of giving broadcasters, Congress, and ourselves the data needed to better understand the workforce composition in the broadcast sector.[8] We find further that continuing to collect this information in a transparent manner is consistent with a broader shift towards greater openness regarding diversity, equity, and inclusion across both corporate America[9] and government.[10]

3. We also address a pending petition for reconsideration from 2004 regarding our use of Form 395-B data.[11] Finally, we seek to refresh the record on the reinstatement of the collection of FCC Form 395-A, which concerns the workforce composition of multichannel video programming distributors (MVPDs).[12]

II. BACKGROUND

4. For more than 50 years, the Commission has administered regulations governing the EEO responsibilities of broadcast licensees.[13] At their core, the Commission's EEO rules prohibit employment discrimination on the basis of race, color, religion, national origin, or sex, and require broadcasters to provide equal employment opportunities.[14] In addition to broadly prohibiting employment discrimination, the Commission's rules also require that all but the smallest of broadcast licensees develop and maintain an EEO program. Specifically, the Commission requires each broadcast station that is part of an employment unit of five or more full-time employees to establish, maintain, and carry out a positive continuing program to ensure equal opportunity and nondiscrimination in employment policies and practices.[15] In addition, the Commission historically collected workforce employment data from

[8] *See, e.g., 1996 Broadcast and Cable Employment Report*, Public Notice, 1997 WL 411346, at 1 (July 24, 1997) and *1997 Broadcast and Cable Employment Report*, Public Notice, 1998 WL 327045, at 1 (June 23, 1998). Both reports show the breakdown of employees at broadcast stations in terms of race, ethnicity, and gender.

[9] Large media companies have begun to make publicly available copies of their EEO-1 forms, which are filed with the Equal Employment and Opportunity Commission, or variations thereof. *See, e.g.*, Disney EEO-1 Form, https://impact.disney.com/app/uploads/Current/FY22-Workforce-Diversity-Dashboard.pdf ; Comcast EEO-1 Form, https://cmcsa.gcs-web.com/static-files/1d6d3ef6-d2d4-4c13-b452-7917b90e0032, Fox Corporation EEO-1 Form, https://media.foxcorporation.com/wp-content/uploads/prod/2023/11/29230427/2022-EEO-1-Consolidated-Report.pdf; Paramount Workforce Demographics, https://www.paramount.com/inclusion-2021/our-culture. Similarly, tech companies are making information about the composition of their workforces publicly available. *See, e.g.*, Inclusion & Diversity, Apple, https://www.apple.com/diversity/ (last visited Dec.15, 2023); Our Workplace, Google, https://diversity.google/commitments/ (last visited Dec. 15, 2023); Meta Diversity Report, https://about.fb.com/news/2022/07/metas-diversity-report-2022/(last visited Dec. 15, 2023); Corporate Social Responsibility, Intel, https://www.intel.com/content/www/us/en/diversity/diversity-at-intel.html (last visited Dec. 15, 2023). *See also* Kavya Vaghul, Just Over Half of the Largest U.S. Companies Share Workforce Diversity Data as Calls for Transparency from Investors and Regulators Grow, JUST Capital (Feb. 6, 2022), https://justcapital.com/reports/share-of-largest-us-companies-disclosing-race-and-ethnicity-data-rises/.

[10] There is movement towards more open access to data collected by federal agencies, as shown in the Foundations for Evidence Based Policymaking Act, which directs agencies to account for their data collections and to make such data available in readable formats to support government transparency and evidence-based rulemaking. Foundations for Evidence Based Policymaking Act of 2018, Pub. L. 115-435 § 202(c), 132 Stat. 5529 (2019), *codified as* 44 U.S.C § 3506(b)(6).

[11] *See Order on Reconsideration*, *infra* at Section IV; *see also* Joint Petition of the State Broadcasters Associations for Reconsideration and/or Clarification of Third Report and Order and Fourth NPRM, MM Docket No. 98-204, at 2-3 (filed July 23, 2004), https://www.fcc.gov/ecfs/document/5511438304/1 (State Associations 2004 Petition).

[12] *See Second Further Notice of Proposed Rulemaking*, *infra* Section V.

[13] *See Further Notice*, 36 FCC Rcd at 12056, para. 2 (citing *Petition for Rulemaking to Require Broadcast Licensees to Show Nondiscrimination in Employment Practices*, Docket No. 18244, Rm 1144, Report and Order, 18 FCC 2d 240 (1969)).

[14] 47 CFR § 73.2080(a).

[15] 47 CFR § 73.2080. Among other things, the Commission's EEO recruitment rules require an employment unit to (continued….)

broadcasters through the annual submission of Form 395-B.

5. Between 1970 and 1992, the Commission, pursuant to its public interest authority, required broadcasters to submit annual employment reports listing the composition of the broadcasters' workforce in terms of race, ethnicity, and gender.[16] In 1992, after finding that, among other things, "increased numbers of females and minorities in positions of management authority in the cable and broadcast television industries advances the Nation's policy favoring diversity in the expression of views in the electronic media,"[17] Congress amended the Act, affirming the Commission's authority in this area. Specifically, Congress added a new section 334, which required the Commission to maintain its existing EEO regulations and forms as applied to television stations.[18] These forms included the Commission's collection of workforce diversity information from broadcasters on Form 395-B.[19] Submission of Form

use recruitment sources for each full-time vacancy that, in its reasonable and good faith judgment, are sufficient to disseminate information widely about the job opening. 47 CFR § 73.2080(c)(1)(i). Broadcasters must use a three-pronged approach to ensure broad outreach regarding employment opportunities: (1) widely disseminate information concerning each full time (30 hours or more) job vacancy, except for a vacancy filled in exigent circumstances; (2) provide vacancy notices to recruiting organizations that request them; and (3) depending upon the size of the unit and market in which it operates, complete two or four of the longer-term recruitment initiatives enumerated in the rule within a two-year period. 47 CFR § 73.2080(c). In 2017, in response to a broadcaster petition that received wide support from the industry, the Commission updated its EEO policy to allow online job postings to be used as a sole means of advertising a vacancy to satisfy the "wide dissemination" prong of the recruitment rules. *See Petition for Rulemaking Seeking to Allow the Sole Use of Internet Sources for FCC EEO Recruitment Requirement*, MB Docket No. 16-410, Declaratory Ruling, 32 FCC Rcd 3685 (2017).

[16] In 1969, when the Commission adopted rules prohibiting broadcast stations from discriminating against any person in employment on the basis of race, color, religion, or national origin, and requiring stations to maintain a program designed to ensure equal opportunity in every aspect of station employment, the Commission relied on sections 4(i), 303, 307, 308, 309, and 310 of the Act. *See Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies,* MM Docket No. 98-204, Second Report and Order and Third Notice of Proposed Rulemaking, 17 FCC Rcd 24018, 24028, para. 28 (2002) (*Second Report and Order and Third NPRM*); *see also id.*, 17 FCC Rcd at 24030, para. 31.

[17] 1992 Cable Act, *codified as* 47 U.S.C. § 334(a).

[18] 47 U.S.C. § 334. Section 334(a) of the Act states that "except as specifically provided in this section, the Commission shall not revise (1) the regulations concerning equal employment opportunity as in effect on September 1, 1992 (47 C.F.R. 73.2080) as such regulations apply to television broadcast station licensees and permittees; or (2) the forms used by such licensees and permittees to report pertinent employment data to the Commission." 47 U.S.C. § 334(a). Section 334(c) authorizes the Commission to make only "nonsubstantive technical or clerical revisions" to the regulations described in Section 334(a) "as necessary to reflect changes in technology, terminology, or Commission organizations." 47 U.S.C. § 334(c). Congress's action did not supplant the Commission's existing public interest authority, but rather ratified its authority to act in this area. As the Commission stated in the *Second Report and Order and Third NPRM*, when discussing the companion requirement for MVPDs in Section 634, 47 U.S.C. § 554, the "legislative history of Section 634 makes it unmistakably clear that Congress believed that the Commission already possessed authority to regulate EEO practices of mass media entities – broadcast as well as cable." *Second Report and Order and Third NPRM*, 17 FCC Rcd at 24030-31, para. 33; *see also Second Report and Order and Third NPRM*, 17 FCC Rcd at 24030-31, paras. 31-35 (describing a similar, earlier congressional action ratifying EEO rules promulgated by the Commission prior to 1984). The *Second Report and Order and Third NPRM* also found additional evidence of congressional ratification of the Commission's authority to promulgate EEO rules in the 1992 Cable Act. *See Second Report and Order and Third NPRM,* 17 FCC Rcd at 24031-33, paras. 36-39.

[19] *See* 1992 Cable Act. While section 334 of the Act did not codify the Commission's previously existing EEO requirements for radio broadcast licensees, the Commission has found that Congress ratified the Commission's authority to promulgate EEO rules for radio as well as television licensees. *Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies*; *Termination of EEO Streamlining Proceeding*, MM Docket Nos. 98-204, 96-16, Notice of Proposed Rulemaking, 13 FCC Rcd 23004, 23014-15, para. 28 (1998) (*1998 NPRM*); *Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies,* MM

(continued….)

395-B, however, was subsequently suspended in 2001 following two decisions by the U.S. Court of Appeals for the District of Columbia Circuit (D.C. Circuit) vacating certain aspects of the Commission's EEO rules.[20]

6. With its decision in 1998, the D.C. Circuit in *Lutheran Church-Missouri Synod v. FCC* (*Lutheran Church*) reversed and remanded a Commission action finding that a broadcast licensee had failed to make adequate efforts to recruit minorities.[21] The court found the Commission's EEO outreach rules, which required comparison of the race and sex of a station's full-time employees with the overall availability of minorities and women in the relevant labor force, to be unconstitutional.[22] Specifically, the court concluded that the use of broadcaster employee data to assess EEO compliance in the context of a license renewal pressured broadcasters to engage in race-conscious hiring in violation of the equal protection component of the Due Process Clause of the Fifth Amendment of the Constitution.[23] The court applied strict constitutional scrutiny in reaching its decision, finding that standard of review was applicable to racial classifications imposed by the federal government. And pursuant to that standard, it determined that the Commission's stated purpose of furthering programming diversity was not compelling, nor were its EEO rules narrowly tailored to further that interest.[24] The court made clear, however, that "[i]f the regulations merely required stations to implement racially neutral recruiting and hiring programs, the equal protection guarantee would not be implicated."[25] In reaching its decision, the court referenced the Form 395-B only tangentially in its analysis.[26]

7. On remand, the Commission crafted new EEO rules requiring that broadcast licensees undertake an outreach program to foster equal employment opportunities in the broadcasting industry.[27] The Commission also reinstated the requirement that broadcasters annually file employment data on Form 395-B with the Commission,[28] which it had suspended after *Lutheran Church*.[29] In adopting these revised rules and reinstating the information collection, the Commission vowed to no longer use workforce composition data when reviewing license renewal applications or assessing compliance with EEO program requirements.[30] Rather, the Commission stated that going forward it would only use this

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Docket Nos. 98-204, 96-16, Report and Order,15 FCC Rcd 2329, 2344-45, paras. 38-39 (2000) (*First Report and Order*), *recon denied,* 15 FCC Rcd 22548 (2000), *reversed and remanded in part on other grounds sub nom. MD/DC/DE Broadcasters Ass'n v. FCC,* 236 F.3d 13 (2001) (*MD/DC/DE Broadcasters*), *pet. for reh'g denied*, 253 F.3d 732 (D.C. Cir. 2001), *cert. denied*, 534 U.S. 1113 (2002).

[20] *See Suspension Order*, 16 FCC Rcd at 2872.

[21] *Lutheran Church-Missouri Synod v. FCC*, 141 F.3d 344, 347-48 (D.C. Cir. 1998) (*Lutheran Church*), *pet. for reh'g denied*, 154 F.3d 487, *pet. for reh'g en banc denied*, 154 F.3d 494 (D.C. Cir. 1998).

[22] *Id.* at 352-53.

[23] *Id.* at 349-56.

[24] *Id.* at 350-351 (citing *Adarand Constructors Inc. v. Pena*, 515 U.S. 200 (1995)). The Court stated that it also could not uphold the Commission's action under rational basis scrutiny, which requires only that a regulation have a substantial relation to the government interest it furthers. *Id.* at 356.

[25] *Id.* at 351. In response to the Commission's rehearing petition, the D.C. Circuit reiterated that it had not held that a regulation "encouraging broad outreach to, as opposed to the actual hiring of, a particular race would necessarily trigger strict scrutiny." *Id.* at 492.

[26] *Id.* at 352-53.

[27] *See First Report and Order*, 15 FCC Rcd at 2363-93, paras. 76-161.

[28] *Id.* at 2394-97, paras. 163-171.

[29] *Suspension of Requirement for Filing of Broadcast Station Annual Employment Reports and Program Reports*, 13 FCC Rcd 21998 (1998).

[30] *First Report and Order*, 15 FCC Rcd at 2332, 2395, paras. 6, 165.

information "to monitor industry employment trends and report to Congress,"[31] and codified that position in the governing regulations contained in section 73.3612.[32]

8. Following adoption of the new EEO outreach rules, which offered licensees two "Options" for establishing an EEO program, several state broadcaster associations challenged the revised EEO rules. Upon review, the D.C. Circuit in *MD/DC/DE Broadcasters Associations v. FCC* (*MD/DC/DE Broadcasters*) found that one element of the new rule, namely Option B, which allowed broadcasters to design their own outreach programs but required reporting of the race and sex of each *applicant*, was constitutionally invalid.[33] The court determined that Option B violated the equal protection component of the Due Process Clause of the Fifth Amendment because, by examining the number of applicants and investigating any broadcasters with "few or no" minority applicants, the Commission "pressured" broadcasters to focus resources on recruiting minorities.[34] Because the court found that Option B was not severable from Option A of the rule, it vacated the entire EEO outreach rule.[35]

9. Although the D.C. Circuit in *MD/DC/DE Broadcasters* vacated and remanded the Commission's revised EEO outreach rules, it did not rule on the validity or constitutionality of Form 395-B. Nor did the court specifically identify Form 395-B or the collection of workforce diversity data as a core part of the rule at issue in its analysis.[36] The court's only mention of the collection of workforce data was in the Background section of its decision.[37] Thus, notably, in neither *Lutheran Church* nor *MD/DC/DE Broadcasters* did the D.C. Circuit find the collection of workforce composition data itself to be invalid on constitutional or any other grounds.[38] After the decision, the Commission suspended its EEO rules in 2001, including Form 395-B, in order to analyze the effects of *MD/DC/DE Broadcasters* on the Commission's rules.[39]

10. On November 20, 2002, the Commission released its *Second Report and Order and Third NPRM*, establishing new race-neutral EEO rules, eliminating the Option B rule previously invalidated by the court.[40] The Commission's new EEO rules, which remain in place today,[41] were divorced from any data concerning the composition of a broadcaster's workforce or applicant pool. The Commission explained that the annual employment report is "unrelated to the implementation and enforcement of our EEO program" and "data concerning the entity's workforce is no longer pertinent to the administration of

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[31] *Id.*

[32] *Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies and Termination of the EEO Streamlining Proceeding*, MM Docket Nos. 98-204, 96-16, Memorandum Opinion and Order, 15 FCC Rcd 22548, 22560, 22575, para. 40, App. B (2000) (*2000 Reconsideration Order*); *see* 47 CFR § 73.3612 Note ("Data concerning the gender, race and ethnicity of a broadcast station's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual broadcast licensee's compliance with the Equal Employment Opportunity requirements of § 73.2080.").

[33] *MD/DC/DE Broadcasters*, 236 F.3d at 17.

[34] *Id.* at 18-21. The court found the rule was not narrowly tailored because investigations were not predicated on a finding of past discrimination or reasonable expectation of future discrimination. *Id.* at 21-22.

[35] *Id*. at 22-23.

[36] *Id.*

[37] *Id.* at 17.

[38] *See Further Notice*, 36 FCC Rcd at 12057, para. 4 (citing *Suspension Order*, 16 FCC Rcd at 2872).

[39] *See Suspension Order*, 16 FCC Rcd at 2872.

[40] *Second Report and Order and Third NPRM*, 17 FCC Rcd at 24043-53, 24074, paras. 72-105, 180.

[41] 47 CFR § 73.2080 (requiring, inter alia, that broadcast licensees widely recruit for each full-time vacancy at their stations using recruitment sources that, in the licensee's reasonable and good faith judgment, are sufficient to widely disseminate information about the job opening).

our EEO outreach requirements."[42] The Commission, however, deferred action on issues relating to the annual employment report form, in part because it needed to incorporate new standards for classifying data on race and ethnicity adopted by the Office of Management and Budget (OMB) in 1997.[43]

11. On June 4, 2004, the Commission released its *Third Report and Order and Fourth NPRM* readopting the requirement that broadcasters file Form 395-B.[44] In addition, the Commission readopted the Note to section 73.3612 of its rules that it had previously adopted in 2000, stating that the data collected would be used exclusively for the purpose of compiling industry employment trends and making reports to Congress, and not to assess any aspect of a broadcaster's compliance with the EEO rules.[45] The Commission stated that it did not "believe that the filing of annual employment reports will unconstitutionally pressure entities to adopt racial or gender preferences in hiring,"[46] but it acknowledged the concerns raised by broadcasters and sought comment on whether data reported on the Form 395-B should be kept confidential.[47] Accordingly, while the Commission acted at that time to adopt revised regulations regarding the filing of Form 395-B and updated the form, the requirement that broadcasters once again submit the form to the Commission remained suspended until the agency further explored the issue of whether employment data could, or should, remain confidential.[48]

12. Given the passage of time since the *Third Report and Order and Fourth NPRM*, the Commission released a *Further Notice* on July 26, 2021, seeking to refresh the 2004 record with regard to Form 395-B.[49] The *Further Notice* asked for additional input on relevant developments in the law relating to public disclosure of employment data, as well as the practical and technical limitations associated with implementing a system that could afford varying degrees of station-level anonymity.[50] Interested parties filed comments, including public interest organizations and representatives of the

[42] *Second Report and Order and Third NPRM*, 17 FCC Rcd at 24067-68, 24072, paras. 159, 173.

[43] *Id.* at 24024-25, 24074, paras. 17, 180. The Commission's decision in January 2001 to suspend the filing of Form 395-B remained in effect at the time of the *Second Report and Order and Third NPRM*.

[44] *See Third Report and Order and Fourth NPRM,* 19 FCC Rcd at 9975, para. 4. The Commission allowed a one-time filing grace period "until a date to be determined in the Commission's Order addressing the issues raised in the *Fourth Notice of Proposed Rulemaking*. . . ." *Id*. at 9978, para. 13. Because such an order had not been adopted before today, the Commission has not resumed collecting the Form 395-B.

[45] 47 CFR § 73.3612 Note ("Data concerning the gender, race and ethnicity of a broadcast station's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual broadcast licensee's compliance with the Equal Employment Opportunity requirements of § 73.2080.").

[46] *Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9976, para. 9.

[47] *See id.* at 9973, 9979, paras. 14-17.

[48] *See id.* at 9978, para. 13; *see also* 47 CFR §§ 73.3612, 76.1802. Although the requirement to file the forms on an annual basis remained suspended after 2004, the Commission regularly sought approval from the Office of Management and Budget (OMB) for the collection of information on Form 395-B, consistent with the Paperwork Reduction Act. The Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 109 Stat. 163 (1995). OMB has recently approved the information collection for Form 395-B through August 31, 2026. Under the terms of OMB's approval, the Commission "should not initiate using or collecting information with . . . Form 395-B until [it] decides whether the data collected from each form will be held confidential or not on an individual basis. Following such a decision, the Commission should consult with OMB prior to initiating usage of these forms to determine whether the decision regarding confidentiality results in a substantive change to the collections warranting formal review by OMB of the proposed revisions." *See* OMB Control Number: 3060-0390, https://www.reginfo.gov/public/do/PRAViewICR?ref_nbr=202304-3060-010 (last visited Dec. 7, 2023).

[49] *See Further Notice*, 36 FCC Rcd at 12061, para. 11.

[50] *See id.* at 12062-63, paras. 14-16.

broadcast industry.[51] Their arguments range from asking that Form 395-B data be made publicly available to contending that reinstating the form would amount to an unconstitutional violation of race-based protections. Many of these assertions largely reiterate arguments addressed in the Commission's earlier orders, including whether the filing requirement constitutes unconstitutional pressure, the ramifications of the D.C. Circuit rulings, the directives of section 334, and the potential substitutability of the Equal Employment Opportunity Commission's (EEOC) EEO-1 form.[52]

III. DISCUSSION

13. Consistent with the Commission's authority pursuant to section 334, as well as the public interest provisions of the Act, we reinstate the collection of FCC Form 395-B.[53] In doing so, we affirm the Commission's prior determination that the earlier court decisions in no way invalidated our authority to collect this data, which remains critical for analyzing industry trends and making reports to Congress. Further, we find that reinstatement of this information collection on a publicly available basis is consistent with the protections afforded to broadcasters by the Constitution and relevant case law, as detailed further below. The clear separation of this information collection from the Commission's long-standing EEO program requirements mitigates any concerns that might be raised by the broadcasters as to the collection of this workforce data. In addition, the Commission's unequivocal statement that it will not use station-specific employment data for the purpose of assessing a licensee's compliance with the EEO regulations and the codification of that same stricture further underscore the dissociation between the EEO requirements and the form's data.

A. Reinstatement of the Form 395-B Collection

14. The Commission has a public interest in collecting Form 395-B in order to report on and analyze employment trends in the broadcast sector and also to compare trends across other sectors regulated by the Commission. In taking this action today, we note that Congress has long authorized the Commission to collect this data[54] and that the Commission is uniquely positioned to undertake such a collection.[55] While the National Association of Broadcasters (NAB) and others have evinced an interest in improving the level of diversity in the broadcasting industry workforce,[56] the lack of industry-wide employment data over the last 22 years makes it difficult to measure the extent of any such progress. While we do not anticipate that this more than two-decade long gap in data can ever be filled, with the reinstatement of this information collection the Commission can ensure that the lack of data persists no further, thereby providing it, the industry, Congress, and the public with a better understanding of, or insight into, the full scope of the broadcast industry workforce. Accordingly, in this Order, we reinstate

[51] The EEO Supporters, the Leadership Conference, and the Foster Garvey Coalition filed comments in support of Form 395-B. NAB, the State Broadcasters Associations (State Associations), and the Center for Workplace Compliance (CWC) oppose the form's reinstatement.

[52] *See generally Second Report and Order and Third NPRM*, 17 FCC Rcd at 24026-74, paras. 21-181; *see also First Report and Order,* 15 FCC Rcd at 2336-58, 2394-97, paras. 20-64, 163-71; *Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9974-77, paras. 3-10.

[53] 47 U.S.C. §§ 334(a), 151, 154(i), 154(k), 303(r), 307, 308, 309, 310, 403.

[54] *See* 47 U.S.C. § 334; *see also Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9974, para. 3 (stating that "[the Commission is] directed by statute to require the submission of such reports by broadcast television stations . . ."); *Second Report and Order and Third NPRM*, 17 FCC Rcd at 24030, para. 31 (stating that Congress ratified the Commission's authority to collect broadcast workforce data).

[55] *See* American Federation of Television and Radio Artists Comments at 21 (filed April 15, 2002) (acknowledging that the reporting of industry employment trends is a valuable public resource and that the Commission is well-positioned to maintain and disseminate data on the demographics of employment in broadcasting); *see also* Asian Americans Advancing Justice -AAJC et al. Supp. Comments at 15-16 (filed Aug. 10, 2022) (AAJC et al. *Ex Parte*) (describing the inadequacy of private sector employment surveys for meeting the Commission's purposes).

[56] NAB Comments at 6-10.

collection of Form 395-B in the manner described below and require the form to be submitted in an electronic format.[57] Once submitted, the form will be accessible to the public via the Commission's website.

15. Reinstating the collection of the Form 395-B data in a publicly available format, as they were collected prior to 2001, remains the best approach for achieving our ultimate goal of preparing meaningful and accurate analyses of workforce trends in the broadcast industry. First, public disclosure will increase the likelihood that erroneous data will be discovered and corrected, and it will incentivize stations to file accurate data to avoid third-party claims that submitted data is incorrect.[58] Whether intentionally or inadvertently, a station might misreport its data or misidentify the racial, ethnic, or gender group for particular employees. Individuals or entities with a connection to the station will be in a position to correct such errors if the data are made public. Second, making the Form 395-B data publicly available is consistent with Congress's goal to maximize the utility of the data an agency collects for the benefit of the public.[59] Third, making the data public bolsters our ability to conduct analyses of trends across different communications sectors,[60] within individual sectors, and by region or market, without being unnecessarily hampered by concerns about inadvertent disclosures of identifiable information. We believe the utility of our reports is greatly enhanced by our ability to "slice, dice, and display" granular data about the broadcast sector.[61] Our ability to produce the most meaningful reports possible for Congress rests, in turn, on the ability to produce the most granular reports possible (e.g., the number of employees in a particular demographic group in a specific job category among a certain class of stations [AM, FM, TV, etc.] in a specific geographic area). If we were required, however, to keep confidential the underlying station-specific data, we would feel compelled to report our findings at a more general, and thus less useful, level to avoid the risk of inadvertently facilitating any reverse engineering of station-

[57] As CWC noted in the record, the version of Form 395-B that the Commission referenced in the *Further Notice* was outdated. CWC Comments at 6-7. *See Further Notice*, 36 FCC Rcd at 12055, para. 1 n.1. The *Further Notice* inadvertently provided a link to the 2000 version of the form, but the Commission made minor revisions to the form in 2008 to conform its racial/ethnicity classifications and employment categories to the updated classifications and categories that the EEOC had made to the EEO-1 form. *See Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9977-78, para. 12 (stating that the Commission would wait to revise its form until the EEOC had finalized the EEO-1 form to comply with OMB's updated racial classification standards); *see also Media Bureau Seeks Comment on Possible Changes to FCC Forms 395-A and 395-B*, Public Notice, 23 FCC Rcd 5441 (MB 2008) (seeking comment on incorporating the EEOC's revised racial and employment categories into FCC Forms 395-A and 395-B). Examples of conforming edits made to the updated form include allowing employees to identify as being of two or more races, and the form differentiates senior level officials from mid-level officials. The correct version of the form that we reinstate, and which has OMB approval, can be found at https://omb.report/icr/202004-3060-047/doc/100723701.

[58] *See* National Organization of Women (NOW) et al. 2004 Comments at 10 (asserting that "requiring filers to disclose their identity will help insure the accuracy of the data").

[59] *See* The OPEN Government Data Act, Pub. L. No. 115-435 (2019) §§ 201-202, Title II of the Foundations for Evidence-Based Policymaking Act of 2018, 44 U.S.C. § 3501(2), (4) (setting forth the goals to "ensure the greatest possible public benefit from and maximize the utility of information created, collected, maintained, used, shared and disseminated by or for the Federal Government" and to "improve the quality and use of Federal information to strengthen decision-making, accountability, and openness in Government and society").

[60] Form 395-A for MVPDs, if its collection is reinstituted, contains similar fields to the Form 395-B. *See Second Further Notice of Proposed Rulemaking, infra* at Section V.

[61] Consequently, we also reject NAB's claim that the Commission's goal of issuing reports and analyzing trends would not be hindered through confidential treatment of the data. *See* NAB Comments at 4 (claiming that collecting Form 395-B data on an anonymous, aggregated basis "would have no effect on the FCC's ability to fulfill its expressed, permitted purposes for the data, namely, to 'monitor industry employment trends and report to Congress'").

specific information. This problem would be especially acute in smaller markets, where the identity of stations could be discerned more easily.

16. In addition, allowing public access to datasets allows others to review the accuracy of an agency's data analyses and to question its methods for data collection with the benefit of actual datasets.[62] We find this level of transparency to be consistent with the overall trend toward making government data more accessible, and we note that many government agencies collect and publish demographic data as part of their analysis of markets, trends, and other factors.[63] The *Further Notice* sought comment on the logistics associated with collecting and maintaining the Form 395-B data completely anonymously, or where station specific information is available to the Commission, but not to the public.[64] Only one commenter addressed this issue by stating that the Commission's Licensing and Management System (LMS) enables the shielding of certain exhibits attached forms.[65] Irrespective of whether LMS can shield station-attributable data, we conclude for the reasons stated above that maintaining this data in a publicly available format is the most appropriate policy.

17. While broadcasters have expressed concerns with how the form's data might be used if publicly disclosed, such concerns have been addressed by the Commission's repeated statements on the appropriate use of such data and its amendment of the rules to prohibit use of the data to assess a broadcaster's compliance with Commission EEO rules. Notwithstanding the Commission's statements and actions, broadcasters were troubled in 2004 by comments made at that time by the National Organization of Women (NOW) et al. positing that public disclosure of employment data would enable "citizens . . . to work closely with their local broadcaster to ensure that stations are meeting their needs and to resolve any problems with the companies in their communities."[66] Broadcasters pointed to those comments as evidence that third parties would misuse Form 395-B data to pressure stations to engage in preferential hiring practices.[67] As an initial matter, as the Commission has committed to previously and we reiterate here again, we will quickly and summarily dismiss any petition, complaint, or other filing submitted by a third party to the Commission based on Form 395-B employment data.[68] We also note that any attempt by a non-governmental third party to use the publicly available Form 395-B data to pressure stations in a non-governmental forum would not implicate any constitutional rights of the station. In any event, we find such concerns to be speculative. Despite the public availability of Form 395-B data for more than 20 years prior to 2001, the record contains no evidence of use of such data in this manner. Nonetheless, we encourage broadcasters to bring to the Commission's attention any evidence that a third party has misused or attempted to misuse Form 395-B employment data. If evidence of such misuse of

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[62] OMB has stated that, "[t]o operate efficiently and effectively, the Nation relies on the flow of objective, credible statistics to support the decisions of individuals, households, governments, businesses, and other organizations." OMB, Proposals from the Federal Interagency Working Group for Revision of the Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity, 82 Fed. Reg. 12242, 12243 (2017).

[63] *See, e.g.,* U.S. Bureau of Labor Statistics, Labor force characteristics by race and ethnicity, 2020 (Nov. 2021), https://www.bls.gov/opub/reports/race-and-ethnicity/2020/home.htm; National Institutes of Health, NIH RCDC Inclusion Statistics Report, https://report.nih.gov/RISR/#/; U.S. Department of Education, The 2020-21 Civil Rights Data Collection, https://ocrdata.ed.gov/ (last visited Nov. 30, 2023); U.S. Department of Commerce, National Telecommunications and Information Administration, Digital Nation Data Explorer (Oct. 5, 2022), https://www.ntia.doc.gov/data/digital-nation-data-explorer (includes race, ethnicity, and gender among other data).

[64] *Further Notice*, 36 FCC Rcd at 12063, paras. 16-17.

[65] State Associations Reply at 17.

[66] NOW et al. 2004 Comments at 5-7.

[67] NAB 2004 Reply at 5-7, 9-10; Virginia Association of Broadcasters 2004 Reply at 4-6 (stating that what the Commission may not do directly, "it also may not do indirectly through a 'wink and nod' with third-party interest groups"); *see also* State Associations 2004 Reply at 2-5, 8-14; *but see* NOW et al. 2004 Reply at 4-8 (contending that broadcasters had not shown that the data would be used in ways that would violate equal protection).

[68] *See infra* para. 45.

the data emerges, the Commission can reconsider its approach to collection of the Form 395-B data. Based on the record before us, we find no basis to conclude that the demographic data on a station's annual Form 395-B filing would lead to undue public pressure. We find broadcasters' concerns with the public collection and availability of this workforce data to be overstated, outweighed by the promotion of data accuracy and other benefits of public disclosure noted above, and therefore not an impediment to our reinstatement of this collection.

18. Consistent with the limitations placed on our use of the Form 395-B data, we reject the EEO Supporters' recommendation that the Enforcement Bureau use the data as evidence when investigating a discrimination claim against a station.[69] We find that such use does not comport with the Commission's public interest goal behind collection of this data. The Commission has stated previously, and we reiterate here, that "we will summarily dismiss any petition filed by a third party based on Form 395-B employment data" and "will not use this data as a basis for conducting audits or inquiries."[70]

19. Some broadcasters have raised a concern that the Commission could decide at a later date to waive its rule regarding how the Form 395-B data can be used.[71] We believe that the combination of the Commission's consistent position over two decades about how this data may be used, the established principle that "an agency is bound by its own regulations,"[72] our rejection of the EEO Supporters' proposed contrary use, and our determination in the attached *Order on Reconsideration* should assuage concerns on this point. We will not further delay reinstatement of the form based on unfounded conjecture about what the Commission may or may not do in the future.

20. Further, we reject the argument that we should retain Form 395-B data on a confidential basis given the EEOC's confidential treatment of similar employment data collected on its EEO-1 form.[73] Unlike the Commission, the EEOC's authorizing statute specifically limits its ability to make its collected data publicly available.[74] In the Civil Rights Act of 1964, which created the EEOC, Congress included a provision making it unlawful for an EEOC officer or employee to disclose such information.[75] However, when Congress adopted section 334 in 1984, despite the fact that in the preceding 20 years Congress had not lifted the prohibition on public disclosure by the EEOC, Congress imposed no such limitation for publishing the broadcast workforce data collected by the Commission. Indeed, when Congress adopted section 334 in 1984, the Commission had been collecting broadcast workforce data and making it available publicly for decades, a practice Congress endorsed in passing Section 334 without any limitation on public disclosure. In addition, the manner in which the two agencies may use their data differs significantly. The EEOC may use its EEO-1 data for investigatory and enforcement purposes,[76]

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[69] *See* EEO Supporters Comments at 3-4.

[70] *2000 Reconsideration Order*, 15 FCC Rcd at 22558-59, para. 35.

[71] State Associations Reply at 12.

[72] *Erie Boulevard Hydropower, LP v. FERC,* 878 F.3d 258, 269 (D.C. Cir. 2017).

[73] *See* CWC Comments at 9-11.

[74] 42 U.S.C. § 2000e-8(e).

[75] Civil Rights Act of 1964, Pub. L. No. 88-352, 78 Stat. 241, 264, § 709(e) (1964) (providing that "[i]t shall be unlawful for any officer or employee of the [EEOC] to make public in any manner whatever any information obtained by the [EEOC] pursuant to its authority under this section prior to the institution of any proceeding under this title involving such information").

[76] *See* EEO-1 Component 1 Data Collection, U.S. Equal Emp. Opportunity Comm'n, https://www.eeoc.gov/employers/eeo-1-data-collection (last visited Nov. 27, 2023) (stating that the filing of EEO-1 reports is required under section 709(c) of Title VII of the Civil Rights Act of 1964, as amended, 42 U.S.C. § 2000e *et seq.*, and 29 CFR 1602.7-.14 and 40 CFR 60-1.7(a)); *see also* Frequently Asked Questions: EEO-1 Component 1 Data Collection, U.S. Equal Emp. Opportunity Comm'n, https://eeocdata.org/pdfs/EEO-1%20Component%201%20FAQ.pdf (last visited Nov. 27, 2023) (stating that "[the data] may not be made public by (continued….)

but by contrast, we will not use Form 395-B data for enforcement purposes.

21. Some commenters assert that the Commission should rely on other data sources in lieu of Form 395-B.[77] Yet, section 334(a) of the Act states that "except as specifically provided in this section, the Commission shall not revise . . . the forms used by [television broadcast station] licensees and permittees to report pertinent employment data to the Commission."[78] Pursuant to section 334 of the Act, we may change the form's provisions only "to make nonsubstantive technical or clerical revisions . . . as necessary to reflect changes in technology, terminology, or Commission organization."[79] As we discuss further below, the alternative data sources suggested by commenters would both violate the section 334 prohibition on changes to the form and impede our general public interest goal of providing useful reports about employment in the broadcast sector.

22. In particular, we continue to reject the proposal, initially made nearly two decades ago and dismissed by the Commission at that time as being inadequate, to rely on the EEOC's EEO-1 form in lieu of Form 395-B.[80] We reaffirm the Commission's prior conclusion that the EEO-1 form is not an appropriate substitute for Form 395-B, as the two forms differ greatly in the data they collect.[81] First, unlike the EEO-1, Form 395-B distinguishes between full and part-time employees, consistent with our other employment data collections, providing a more comprehensive picture of the broadcast industry workforce. Second, and more importantly, reliance on the EEO-1 form would significantly reduce the amount of employment data available to the Commission as the vast majority of broadcast licensees do not file an EEO-1 form. While the Form 395-B collection applies to *all* broadcast station employment units with five or more full-time employees, the submission of an EEO-1 form is required only for entities with 100 or more employees. In 2004, in response to the same proposal to substitute the EEO-1 form for Form 395-B, the Commission calculated that the EEOC data "would not include 6,592 employment units (79%) out of a total of 8,395 units and would exclude 136,993 full-time employees (84%) out of the 163,868 full-time employees in broadcasting working at employment units employing five or more full-

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the EEOC prior to the institution of any proceeding under Title VII involving the EEO-1 Component 1 data"); EEOC Data Collection, U.S. Equal Emp. Opportunity Comm'n at 6, https://eeocdata.org/ (last visited Nov. 27, 2023) (stating that "[EEOC] processes employer information data that are used by the EEOC to investigate charges of discrimination against private employers . . ." and that "[t]he data are used for a variety of purposes including enforcement, self-assessment by employers, and research").

[77] State Associations Reply at 8-10 (suggesting the use of employment information collected by the EEOC and the Radio Television Digital News Association (RTDNA)); NAB Comments at 23-24 (arguing that the Commission should use broadcasters' EEO-1 filings instead of requiring Form 395-B); CWC Comments at 6 (asking the Commission to explore the possibility of using data already collected on the EEO-1 form before deciding to reinstate Form 395-B).

[78] 47 U.S.C. § 334(a)(2). Even NAB has noted that "Section 334(a) may bar the Commission from making major changes to its EEO forms . . . ." NAB Comments at 18.

[79] 47 U.S.C. § 334(c).

[80] State Associations Reply at 9 (asking the Commission to utilize already existing EEO-1 aggregate data); NAB Comments at 23-24 (asking the Commission to let those broadcasters that are required to file form EEO-1 with the EEOC to submit that data to the Commission in lieu of Form 395-B); CWC Comments at 6 (asking the Commission to consider using publicly available aggregate EEO-1 data, and also suggesting that the EEOC and the Commission work together to produce a Special Report on Broadcasting).

[81] In 2004, various commenters contended that Form 395-B is unnecessary because the Commission could obtain statistically relevant information from reviewing EEO-1 alone. The Commission considered and rejected this argument in the *Third Report and Order and Fourth NPRM*. *Third Report and Order and Fourth NPRM,* 19 FCC Rcd at 9977, para. 10 (rejecting the suggestion that the Commission rely on EEO-1 data and finding that the two forms differ in the data they collect and that the EEO-1 data would not provide the information specified by Congress in sections 334 and 634 of the Act).

time employees."[82] Consequently, we determine that replacing Form 395-B either partly or wholly with the EEO-1 form does not constitute a permitted non-substantive modification of the form itself under section 334. Nor would such a substitution meet our public interest goal of providing a comprehensive report of employment in the broadcast sector and comparing employment trends across our regulatees. For the reasons provided above, we conclude that the EEO-1 form is an unsatisfactory replacement for Form 395-B.[83]

23. Similarly, we find to be inapposite the suggestion to use the Radio Television Digital News Association (RTDNA) diversity survey as a substitute for the Form 395-B collection.[84] As an initial matter, the RTDNA data pertains only to TV and radio newsrooms and not to the full spectrum of the broadcast industry workforce covered by Form 395-B.[85] Moreover, the RTDNA survey ultimately is based on valid responses from those broadcasters that *choose* to participate in the survey, and, hence, the pool of participants is essentially a self-selected one.[86] By contrast, *all* broadcast station employment units with five or more full-time employees must file the Form 395-B. Consequently, substituting Form 395-B with the RTDNA survey would be inconsistent with the section 334 prohibition on changes and would provide a less complete view of the broadcast sector.

24. Since we have determined that the benefits of making these reports public outweigh the speculative harm from doing so in light of the clear policy of the Commission about how they may and may not be used, we see no reason to afford them confidentiality. We note, however, that there is a question whether they would in fact warrant confidential treatment under the Freedom of Information Act (FOIA) or whether the Commission could satisfy the requirements of the Confidential Information Protection and Statistical Efficiency Act of 2002 (CIPSEA). The *Further Notice* sought comment on the

[82] *Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9977, para. 10. The Commission derived these calculations based on data collected from the Form 395-B filings submitted in 2000. *Id.* at 9977, para. 10 n.34. In 2004, when the Commission reinstated the Form 395-B, although it deferred recommencement of the form's collection, the Commission sought to reduce filing burdens by permitting broadcasters to file only one Form 395-B for all commonly-owned stations in the same market that share at least one employee. *Id.* at 9977, para. 10. We reaffirm this procedural practice.

[83] Given our determination above about the lack of substitutability between Form 395-B and the EEO-1 form, we find there is no benefit in using EEO-1 data or attempting to work with the EEOC to produce a "Special Report" in lieu of collecting information on the Form 395-B. *See* CWC Comments at 6; NAB Comments at 23-24; State Associations Reply at 9.

[84] *See* State Associations Reply at 9-10.

[85] *See, e.g.*, RTDNA, *Local News Diversity Reaches Records, but Representation Gap Shrinks Slowly* (June 23, 2021), https://www.rtdna.org/news/local-news-diversity-reaches-records-but-representation-gap-shrinks-slowly (referring only to the employment makeup of broadcast television and radio newsrooms in the presentation of demographic data).

[86] *See id.* (explaining that the survey responses represent only 75.1% of all non-satellite television stations and 2,310 radio stations out of a random sample of 3,379 radio stations).

potential applicability of the CIPSEA[87] or the FOIA exemptions[88] to the Form 395-B data collection. As discussed below, the record and our own analysis demonstrate that CIPSEA is ill-suited for an agency such as the Commission. Similarly, the Form 395-B data does not fit neatly within FOIA Exemption 4, and in any event Exemption 4 does not prevent the Commission from disclosing information after an appropriate balancing of the interests. Accordingly, for the reasons discussed below, we find neither CIPSEA nor FOIA affords an appropriate basis to collect Form 395-B information in a confidential manner.

1. CIPSEA is Ill-Suited to the Commission's Collection of the Form 395-B Data

25. The Commission sought comment on CIPSEA in 2004 and again in 2021, in particular, seeking to explore whether the confidentiality afforded by CIPSEA to government-collected data could apply to the Form 395-B data.[89] Commenters responding in 2004 disagreed regarding CIPSEA's applicability.[90] When the Commission initially sought comment in 2004, the statute was barely two years old and relatively untested.[91] Given the passage of time and the desire to obtain as complete a record as possible, the Commission sought comment anew on CIPSEA in 2021. The *Further Notice* sought input regarding the potential avenues under CIPSEA to collect and maintain data on a confidential basis.[92] The

[87] *See* E-Government Act of 2002, Pub. L. No. 107-347, §§ 501-504, 116 Stat. 2899, Title V (2002). OMB is responsible for the implementation of CIPSEA, which seeks to harmonize the confidentiality processes across federal agencies that collect data for statistical purposes. OMB has issued detailed guidance that must be followed when invoking CIPSEA. *See* OMB, Implementation Guidance for Title V of the E-Government Act, Confidential Information Protection and Statistical Efficiency Act of 2002 (CIPSEA), Notice of Decision, 72 Fed. Reg. at 33362 (June 15, 2007) (OMB 2007 Guidance) (noting that CIPSEA "establish[es] a uniform policy for all Federal statistical collections . . . reduc[ing] public confusion, uncertainty, and concern about the treatment of confidential statistical information by different Federal agencies"). In 2018, Congress reauthorized CIPSEA under the Foundations for Evidence-Based Policymaking Act, enhancing security requirements for statistical agencies tasked with sharing data with other agencies or publicly disclosing certain data assets. *See* Foundations for Evidence-Based Policymaking Act of 2018, Pub. L. No. 115-435, §§ 301-303, 132 Stat. 5529, 5544-5556, Title III (2019). In August 2023, OMB issued a notice of proposed rulemaking for new regulations that would provide further direction to statistical agencies and units, as well as to their parent agencies "to enable, support, and facilitate statistical agencies and units in carrying out four fundamental responsibilities . . . ." OMB has yet to adopt finalized rules pursuant to this proceeding. *See* OMB, Fundamental Responsibilities of Recognized Statistical Agencies and Units, Notice of Proposed Rulemaking, 88 Fed. Reg. 56708 (Aug. 18, 2023).

[88] *See* 5 U.S.C. § 552(b)(4) (providing that the disclosure requirements of FOIA do not apply to "trade secrets and commercial or financial information obtained from a person and privileged or confidential").

[89] *See Further Notice*, 36 FCC Rcd at 12065, para. 21; *see also Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9978-79, paras. 14-17.

[90] Broadcasters argued that CIPSEA authorizes the Commission to collect Form 395-B filings on a confidential basis and that doing so would be good public policy. NAB 2004 Comments at 2-11; State Associations 2004 Comments at 11-13; Virginia Association of Broadcasters 2004 Reply at 2-5. On the other hand, NOW et al. contended that neither CIPSEA nor the Communications Act permits the use of CIPSEA for Form 395-B filings. They argued further that confidential treatment would not serve CIPSEA's purpose of promoting public confidence in an agency's pledge of confidentiality, given that the Commission never made such a pledge with respect to Form 395-B, nor would it serve important policy objectives, such as ensuring the accuracy of Form 395-B data. NOW et al. 2004 Comments at 3-11; *but see* NAB 2004 Reply at 1-3 (arguing that nothing in CIPSEA "would preclude a federal agency from updating its policies to invoke the statute and grant confidentiality to information that it previously disclosed to the public").

[91] *Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9978-79, paras. 14-17.

[92] *Further Notice*, 36 FCC Rcd at 12065, para. 21 (seeking comment on the application of CIPSEA, including whether the Commission or one of its subordinate offices or bureaus could qualify as a federal "statistical agency or unit"; whether the agency could avail itself of CIPSEA's provision as a non-statistical agency; or whether it could coordinate with another entity for collection of data).

two comments in 2021 addressing CIPSEA provide insufficient discussion or analysis.[93] As discussed further below, we find that CIPSEA is not an appropriate fit for the Commission's Form 395-B data collection.

26. NAB suggests that the Commission could utilize any one of CIPSEA's three approaches for confidential collection and retention of the Form 395-B data: (1) have the Commission's Office of Economics and Analytics (OEA) seek recognition as a "Federal statistical agency or unit"[94] pursuant to CIPSEA and have OEA alone collect and analyze the Form 395-B data, which would then be released in conformance with the CIPSEA confidentiality protections; (2) have the Commission collect this data independently as a "nonstatistical agency" or "unit;" or (3) as a nonstatistical agency or unit, enter into an agreement with an already recognized "Federal statistical agency or unit" and have that agency collect the data on behalf of the Commission.[95] While NAB asserts that these approaches are "reasonable mechanism[s]" for safeguarding Form 395-B data,[96] it does not specify how its proposals could be satisfied under the requirements established in OMB's 2007 Guidance).[97] For example, NAB does not discuss how the Commission, or even a subpart of the Commission, could qualify as a "statistical agency or unit" given that OMB accords that designation only when the *predominant* activities of the agency or unit are the use of information for statistical purposes.[98] The Commission plainly does not fit that description. Furthermore, NAB does not address the costs and burdens involved with applying for and obtaining from OMB the designation needed for CIPSEA protection. Nor does it address the cost and burdens associated with adherence to CIPSEA and whether the benefit of retaining the Form 395-B data in conformance with CIPSEA outweighs these costs and burdens. Below, we address these points.

27. Contrary to NAB's suggestion, our detailed review of CIPSEA, OMB's 2007 Guidance, and examples of other agencies that have obtained designation as a "statistical agency or unit" demonstrates that neither the Commission nor OEA would qualify for such a designation. An agency, or agency unit, seeking such a designation must demonstrate to the OMB Chief Statistician that its activities are "*predominantly* the collection, compilation, processing, or analysis of information for statistical purposes."[99] Although OEA conducts significant data analyses,[100] its activities do not meet the "predominantly" standard laid out by OMB.[101] Rather, OEA's regular work also includes administrative,

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[93] *See* State Associations Reply at 16 (providing two sentences on how this complex and still relatively new statutory construct could apply); NAB Comments at 19-22 (repeating the three CIPSEA options laid out in the *Further Notice* and stating that each might be possible without analyzing how these approaches might work in practice).

[94] *See* OMB 2007 Guidance, 72 FR at 33364. OMB defines statistical purpose as "the description, estimation, or analysis of the characteristics of groups, without identifying the individuals or organizations that comprise such groups," and nonstatistical purpose to include "any administrative, regulatory, law enforcement, adjudicatory, or other purpose that affects the rights, privileges, or benefits of a particular respondent." *Id.*

[95] NAB Comments at 19-22.

[96] NAB Reply at 7.

[97] *See* OMB 2007 Guidance, 72 FR 33362-77.

[98] *Id*. at 33364, 33368. In their 2004 comments, NAB and the State Associations focus on the statistical nature and purpose of Form 395-B data, without addressing the issue of whether the Commission, or its sub-part, could qualify as a statistical agency or unit. NAB 2004 Comments at 3-7; State Associations 2004 Comments at 11-12; *see also* State Associations 2004 Reply at 5-7.

[99] OMB 2007 Guidance, 72 FR at 33374 (emphasis added).

[100] NAB Comments at 21.

[101] OMB 2007 Guidance, 72 FR at 33364-65; *see also* 44 U.S.C. § 3572(e) (providing that "A statistical agency or unit may designate agents, by contract or by entering into a special agreement containing the provisions required under section 3561(2) for treatment as an agent under that section, who may perform exclusively statistical activities, subject to the limitations and penalties described in this subchapter.").

regulatory, and adjudicative functions, as well as the administration of the Commission's various spectrum auctions.[102] For these reasons, we determine OEA could not satisfy the requirements for "statistical agencies or units" and, therefore, this approach is not a viable option.

28. NAB next suggests that the Commission could collect the Form 395-B data as a "nonstatistical agency" pursuant to CIPSEA,[103] provided it complied with CIPSEA's restriction preventing nonstatistical agencies from using "agents," including contractors, to collect or use the protected information, and if it ensured that only internal agency staff had access to the protected information.[104] NAB identifies no agency that has successfully invoked this provision of CIPSEA in the more than 20 years since the passage of the act. Nor have we been able to identify one. As discussed in the *Further Notice*, the Commission relies extensively on information technology (IT) contractors to develop and maintain electronic filing systems, assist filers with questions, and compile reports and other information based on data in Commission forms.[105] Moreover, the Commission currently relies on multiple IT contracts to maintain and operate its systems. Therefore, it would be extremely complex and burdensome from an administrative perspective to bring functions in-house solely for one form. For these reasons, we find that collecting Form 395-B data as a nonstatistical agency under CIPSEA is not a viable option.

29. We similarly find that the final approach under CIPSEA, namely that the Commission, acting as a "nonstatistical agency," partner with a "statistical agency," which would collect the Form 395-B data on the Commission's behalf, is not a realistic—or even workable—one. Our detailed review of CIPSEA and OMB's 2007 Guidance shows that this is a complex process involving various logistical steps, as well as significant additional burdens and costs. Partnering with a "statistical agency" involves identifying a possible partner agency, engaging in negotiations with that agency to establish an agreement for the collection of the data, negotiating and drafting an agreement stipulating the terms associated with collection, processing, and sharing of the Form 395-B data.[106] Any such agreement would have to

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[102] *See, e.g.,* 47 CFR §§ 0.21 (a), (b) (the functions of OEA include identifying and evaluating significant communications policy issues, based on the principles and methods of economics and data analysis; and collaborating with and advising other Bureaus and Offices in the areas of economic and data analysis and with respect to the analysis of benefits, costs, and regulatory impacts of Commission policies, rules and policies).

[103] NAB Comments at 21-22.

[104] OMB 2007 Guidance, 72 FR at 33365. CIPSEA defines "agents" as "contractors and their employees, researchers, and employees of private organizations or institutions of higher learning who have a contract or agreement with the Federal agency." *Id.*

[105] *Further Notice*, 36 FCC Rcd at 12065, para. 21. The Commission has outsourced these tasks for decades consistent with a broader federal government initiative to ensure that those jobs that can be conducted in a more economically efficient manner by the private sector through competitive bidding be outsourced. *See* OMB, OMB Circular No. A-76 Revised, Performance of Commercial Activities (2003), available at https://obamawhitehouse.archives.gov/omb/circulars_a076_a76_incl_tech_correction/ (stating that "The longstanding policy of the federal government has been to rely on the private sector for needed commercial services. To ensure that the American people receive maximum value for their tax dollars, commercial activities should be subject to the forces of competition."); *see also* OMB, Frequently Asked Questions, OMB Circular A-76 https://oma.od.nih.gov/forms/A76-fair/Documents/A-76%20FAQ.pdf (last visited Nov. 27, 2023) (noting that the federal government can save billions of dollars by distinguishing between "commercial" and "government" services and allowing competitive bids for "commercial" services).

[106] Under a nonstatistical agency designation, before the Commission may invoke a pledge of confidentiality through another federal statistical agency, the Commission and the willing partnering agency would be required to draft a detailed collection agreement, which would stipulate each party's compliance responsibilities, agent designations, and other security requirements and training certifications, among other things. OMB 2007 Guidance, 72 FR 33375 § VI. OMB's 2007 Guidance states further that the nonstatistical agency seeking a partnership with a federal statistical agency should be prepared to provide to the statistical agency with the resources necessary to carry out these responsibilities. *Id*.

comport with OMB's requirements and might also necessitate OMB review. The Commission would have to compensate any such partner agency for the costs of collecting and storing the data, educate the partner agency about the broadcast sector, and ensure that the information is collected in an appropriate manner. Under this approach, the Commission also would have to designate specific staff who would have permission to access the data and potentially restrict access to just those individuals. Moreover, broadcasters would have the additional burden of familiarizing themselves with a different agency's document filing system. As OMB has not yet issued guidance on such a partnership approach, however, the potential logistical problems going forward are not even fully known. In addition, pursuing the approach of partnering with a "statistical agency" would lead to further delay in reinstituting this collection, which has already lagged for far too long, while also unduly increasing the complexity and cost of the collection. Going forward, such an approach would lend complexity to the process and potentially hamper the Commission's ability to review, analyze, and report on the underlying data on an ongoing basis. Consequently, we conclude that the significant time, complexity, and cost associated with formulating a partnership with a statistical agency outweigh any speculative harm that might arise from public availability of this data.[107]

2. Even if FOIA Exemption 4 Applies, the Strong Public Interest in Disclosure Outweighs Any Private Interest In Confidential Treatment

30. The *Further Notice* sought comment on whether any Freedom of Information Act (FOIA) exemptions might apply to our collection of Form 395-B data.[108] Both the Center for Workplace Compliance (CWC) and NAB assert that Form 395-B data reported by broadcasters should not be publicly disclosed because doing so would reveal trade secrets and commercial information to competitors.[109] While FOIA Exemption 4 protects trade secrets and confidential commercial information from mandatory public disclosure by the Commission, its applicability to the information collected on Form 395-B is questionable. Further, even if we were to find FOIA Exemption 4 applicable, the Commission is not compelled to keep data covered by Exemption 4 confidential. The Commission has authority to make records that fall within Exemption 4 public if it determines that the public interest in disclosure outweighs the private interests in preserving the data's confidentiality.[110]

31. FOIA Exemption 4 protects from mandatory disclosure information that is "obtained from a person," as we recognize would be the case here, and that is both (1) "commercial or financial" in character and (2) "privileged or confidential."[111] In their comments, CWC and NAB assert that Form

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[107] Given our decision, we need not reach the argument by NOW et al. that section 334 prohibits confidential treatment of Form 395-B filings because, they allege, concealing the identity of the filing party would constitute a substantive revision of the form under the statute. NOW et al. 2004 Comments at 9-10; NOW et al. 2004 Reply at 2-3. *But see* NAB 2004 Comments at 7-8 (arguing that confidential treatment of the filings would not require any change to the forms and "would be nothing more than a 'nonsubstantive technical' revision of the procedure for collecting the reports"); NAB 2004 Reply at 8-9; State Associations 2004 Reply at 7-8.

[108] *Further Notice*, 36 FCC Rcd at 12065-66, para. 22.

[109] CWC Comments at 8. NAB in its Reply reiterates CWC's position. NAB Reply at 5-6.

[110] *See Applications of Charter Communications, Inc., Time Warner Cable Inc., and Advance/Newhouse Partnership for Consent to Assign or Transfer Control of Licenses and Authorizations*, 30 FCC Rcd 10360, 10365-67, paras. 13, 15 (2015) (*Charter Order*); *see also* 47 CFR § 0.461(f)(4) ("If it is determined that the Commission has authority to withhold [records requested under the FOIA] from public inspection, the considerations favoring disclosure and non-disclosure will be weighed in light of the facts presented, and the Commission may, at its discretion, grant the request in full or in part, or deny the request."); *FCC v. Schreiber*, 381 U.S. 279, 291-92 (holding that a disclosure authorized by the Commission after balancing the public and private interests under section 4(j) of the Communications Act, 47 U.S.C. § 154(j), is "authorized by law" within the meaning of the Trade Secrets Act, 18 U.S.C. § 1905).

[111] *Food Mktg. Inst. v. Argus Leader Media*, 139 S. Ct. 2356, 2362 (2019). FOIA Exemption 4 also protects "trade secrets" from mandatory disclosure. 5 U.S.C. § 552(b)(4). Courts have defined a "trade secret" as "a secret,

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395-B demographic data are "commercial information."[112] The case law, however, is not definitive on this question. Courts have sometimes defined commercial information broadly to include information submitted to an agency in which the submitter has a commercial interest,[113] or to encompass information that has intrinsic commercial value, the disclosure of which would jeopardize a submitter's commercial interests or ongoing operations.[114] Those definitions might arguably apply to the demographic information of employees. However, in a recent case very closely on point, *Center for Investigative Reporting v. U.S. Department of Labor* (*Center for Investigative Reporting*), the U.S. District Court for the Northern District of California held that the federal government failed to prove that EEO-1 Consolidated Report (Type 2) employee demographic data were "commercial."[115] Similar to Form 395-B data, the EEO-1 Type 2 Reports do not include "salary information, sales figures, departmental staffing levels, or other identifying information."[116] Although the Type 2 Reports "require companies [that do business at two or more physical addresses] to report the total number of employees across all their establishments," whereas the Form 395-B breaks down this information by station employment units, neither form links job categories to specific departments; rather, both require information aggregated by type of job across all departments. Furthermore, the EEO-1 reports utilize the same job title, gender, and ethnicity categories as the information to be provided in Form 395-B. Given these similarities between the EEO-1 reports and information to be provided in Form 395-B, *Center for Investigative Reporting* suggests that the Form 395-B data is at least arguably not correctly considered to involve commercial information.

32. It is likewise not entirely clear whether the data at issue here would be properly considered "privileged or confidential." Information is confidential within the meaning of Exemption 4

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commercially valuable plan, formula, process, or device that is used for the making, preparing, compounding, or processing of trade commodities that can be said to be the end product of either innovation or substantial effort." *Pub. Citizen Health Rsch. Grp. v. FDA*, 704 F.2d 1280, 1288 (D.C. Cir. 1983); *accord Herrick v. Garvey*, 298 F.3d 1184, 1190 (10th Cir. 2002). No commenter has explained how the data at issue here could meet that definition, and we conclude that they do not. Facially, employee demographic information is not a "trade secret" because such employment information does not directly relate to the production and processing of a trade "commodity." Black's Law Dictionary defines a "commodity" as "[a]n article of trade or commerce." *Commodity*, Black's Law Dictionary (11th ed. 2019) (stating that the term "embraces only tangible goods, such as products or merchandise, as distinguished from services"). We are not aware of any instance in which the Commission has characterized broadcast programming as a commodity. And even if radio broadcasting were a commodity, the demographic information of those who produce it is not "used" in its preparation.

[112] CWC Comments at 8; NAB Reply at 5-6.

[113] *See Baker & Hostetler LLP v. U.S. Dep't of Commerce*, 473 F.3d 312, 319 (D.C. Cir. 2006). *See also San Juan Citizens All. v. United States Dep't of Interior*, 70 F. Supp. 3d 1214, 1219 (D. Colo. 2014) (adopting the D.C. Circuit's "commercial interest" standard).

[114] *See New York Pub. Interest Research Grp. v. U.S. E.P.A.*, 249 F. Supp. 2d 327, 334 (S.D.N.Y. 2003). *See also FlightSafety Servs. Corp. v. U.S. Dep't of Labor*, No. CIV.A. 300CV1285P, 2002 WL 368522, at 5 (N.D. Tex. Mar. 5, 2002), *aff'd sub nom. Flightsafety Servs. Corp. v. Dep't of Labor*, 326 F.3d 607, 612 (5th Cir. 2003) (finding, *inter alia*, that raw salary data submitted to the Bureau of Labor Statistics qualified as commercial information). *But see Citizens for Responsibility and Ethics in Washington v. U.S. Department of Justice*, 58 F.4th 1255, 1262-69 (D.C. Cir. 2023) (holding that identities of suppliers under government contracts were not commercial information because the information was not commercial in and of itself, regardless of whether its disclosure might have commercial or financial repercussions).

[115] *See Ctr. for Investigative Reporting v. U.S. Dep't of Labor*, 424 F. Supp. 3d 771, 776-779 (N.D. Cal. 2019) (holding that information contained in federal contractors' employment diversity [EEO] reports requested from the Department of Labor under FOIA was not "commercial," and thus did not fall under Exemption 4, and further questioning whether the information was "confidential"), *app. dismissed sub nom. Evans v. Synopsys, Inc.*, 34 F.4th 762 (9th Cir. 2022).

[116] *See id.* at 777.

"whenever it is customarily kept private, or at least closely held, by the person imparting it."[117] What matters is "how [a] particular party customarily treats the information, not how the industry as a whole treats [it]."[118] Here, CWC acknowledges that "many employers choose to publicly disclose workforce demographic data" in "a variety of forms."[119] And although CWC distinguishes between Form 395-B data and the EEO-1 data that companies often elect to disclose, we see similarities between the two data sets, as discussed above.

33. In addition, as discussed further below, we note that commenters have failed to show that competitive harm would result from the collection and public release of the information provided in Form 395-B. While the Supreme Court held in *Food Marketing Institute* that a showing of competitive harm is not required to protect information from disclosure under Exemption 4, some courts have since declined to allow agencies to withhold information covered by Exemption 4 without showing an articulable harm from disclosure.[120] These decisions rest on the theory that under the FOIA Improvement Act of 2016—which did not apply to the *Food Marketing Institute* case because it had not yet become effective at the time that case was filed—agencies must produce information otherwise covered by a FOIA exemption unless it is reasonably foreseeable that disclosure would harm an interest protected by the exemption (or disclosure is prohibited by law).[121] However, the FOIA Improvement Act has alternatively been interpreted in the Exemption 4 context to require no demonstration of harm beyond the loss of confidentiality itself, and therefore the relevance of competitive harm to the Exemption 4 analysis remains an unsettled issue.[122]

34. Ultimately, however, we need not decide whether Exemption 4 covers the information collected on Form 395-B or assess the relevance of the FOIA Improvement Act. The Commission has well-established authority under section 4(j) of the Act[123] to publicly disclose even trade secrets or confidential business information if, after balancing the public and private interests at stake, we determine that it is in the public interest to do so.[124]

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[117] *Argus Leader*, 139 S. Ct. at 2362. No party argues here that the information on Form 395-B is privileged.

[118] *Ctr. for Auto Safety v. Nat'l Highway Traffic Safety Admin.*, 244 F.3d 144, 148 (D.C. Cir. 2001).

[119] CWC Comments at 9.

[120] *See, e.g.*, *Seife v. U.S. Food & Drug Admin*., 43 F.4th 231, 235, 241-42 (2d Cir. 2022). At least one court has rejected that theory, however. *Am. Small Bus. League v. U.S. Dep't of Def*., 411 F. Supp. 3d 824, 836 (N.D. Cal. 2019).

[121] 5 U.S.C. § 552(a)(8)(A)(I); *see Seife*, 43 F.4th at 241-42 ("[T]he interests protected by Exemption 4 are the submitter's commercial or financial interests in information that is of a type held in confidence and not disclosed to any member of the public by the person to whom it belongs. An agency in a FOIA case can therefore meet the foreseeable harm requirement of the [FOIA Improvement Act] by showing foreseeable commercial or financial harm to the submitter upon release of the contested information."); *see also Ctr. for Investigative Reporting v. U.S. Customs & Border Prot.,* 436 F. Supp. 3d 90, 113 (D.D.C. 2019) (opining that the foreseeable harm requirement applies to Exemption 4 after *Food Marketing Institute,* and that, in order to withhold information covered by the exemption, agencies must explain how disclosure would harm an interest protected by the exemption); *Ctr. for Investigative Reporting v. U.S. Dep't of Labor*, 424 F. Supp. 3d at 780 (acknowledging and engaging in a foreseeable harm analysis under Exemption 4).

[122] *See Am. Small Bus. League v. U.S. Dep't of Def*., 411 F. Supp. 3d 824, 836 (N.D. Cal. 2019) (rejecting the argument that the FOIA Improvement Act, in effect, reinstates the competitive harm test the Court overruled in *Food Marketing Institute*).

[123] 47 U.S.C. § 154(j) ("The Commission may conduct its proceedings in such a manner as will best conduce to the proper dispatch of business and to the ends of justice.").

[124] *See Schreiber*, 381 U.S. at 291-92 (holding that a disclosure authorized by the Commission after balancing the public and private interests under section 4(j) of the Communications Act is "authorized by law" within the meaning of the Trade Secrets Act, 18 U.S.C. § 1905); *American Broadband & Telecommunications Company Jeffrey S.*

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35. In assessing the respective interests in the disclosure or non-disclosure of Form 395-B data, we determine that the public interest in disclosing Form 395-B data outweighs broadcasters' claims that such disclosure might cause unspecified harm. As outlined above, there are significant public interest benefits from public disclosure of Form 395-B data.[125] Public disclosure of Form 395-B data promotes a more accurate collection and recordation process. It increases the likelihood that incomplete or inaccurate filings will be discovered and corrected, and it will incentivize stations to file accurate data to avoid third-party claims that submitted data are incorrect. It is also consistent with Congress's goal to maximize the utility of the data an agency collects for the benefit of the public.[126] Public disclosure also allows us to produce the most granular reports possible for the benefit of Congress and the public, without being unnecessarily hampered by concerns about inadvertent disclosures of identifiable information. And public disclosure allows others to review the accuracy of our data analyses and to question our methods for data collection with the benefit of actual datasets.

36. In contrast to these significant public benefits, CWC and NAB have failed to demonstrate that availability of the Form 395-B data would cause meaningful competitive harm. For example, CWC asserts that if Form 395-B data were disclosed, a broadcaster's competitors could exploit such information to gain competitive insights into the broadcaster's business practices.[127] Nothing in the record, however, realistically demonstrates how the public release of Form 395-B data might afford a competitor tangible insights into another broadcaster's business practices that would lead to competitive harm. CWC and NAB have not provided any actual instances of harm related to the Commission's previous collection and public disclosure of demographic data, but rather largely project a speculative, worst-case scenario. CWC posits that competitors would be able to draw more detailed insights by comparing published data over a stretch of years; however, we fail to understand how any such result would have a negative commercial impact on broadcasters.[128] Further, guided in part by the court's

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Ansted, Order on Reconsideration, 35 FCC Rcd 3762, 3764, para. 6 (2020); *Charter Order*, 30 FCC Rcd at 10365-67, paras. 13, 15; *Examination of Current Policy Concerning the Treatment of Confidential Information Submitted to the Commission*, GC Docket No. 96-55, Notice of Inquiry and Notice of Proposed Rulemaking, 11 FCC Rcd 12406, 12414-15, para. 15 (1996).

[125] *See supra* paras. 15-16.

[126] *See* Foundations for Evidence-Based Policymaking Act of 2018, Pub. L. No. 115-435, §§ 201-202, 132 Stat. 5529, 5534-44, Title II (2019); 44 U.S.C. § 3501(2), (4) (setting forth the goals to "ensure the greatest possible public benefit from and maximize the utility of information created, collected, maintained, used, shared and disseminated by or for the Federal Government" and to "improve the quality and use of Federal information to strengthen decisionmaking, accountability, and openness in Government and society").

[127] CWC Comments at 9.

[128] Moreover, the fact that a number of broadcasters have begun to disclose workforce demographic data, albeit not at the level of detail as would be reported on Form 395-B, also calls into question the extent of the competitive harm that would result if that information were to be publicly released. In this regard, we note the growing availability online of workforce demographic information related to media and broadcast employees. *See, e.g.,* Hearst 2023 RISE Report, https://www.hearst.com/documents/33329/890300/2023+Hearst+RISE+DE%26I+Overview.pdf/14d1c825-8209-867d-f9dd-10d527d189a6?t=1679517544494 (providing ethnicity and gender percentages); *see also* Tegna 2022 Diversity, Equity & Inclusion Annual Report, https://www.tegna.com/social-responsibility/ (providing ethnicity and gender percentages); Nexstar Media Group, HR Management; Workforce Diversity, Equity, and Inclusion, https://www.nexstar.tv/corporate-social-responsibility/human-resource-management/ (providing ethnicity and gender percentages, in addition to EEO-1 data for separate stations); Gray Television 2022 ESG Report, https://www.responsibilityreports.com/HostedData/ResponsibilityReports/PDF/NYSE_GTN_2022.pdf (providing ethnicity and gender percentages); Sinclair Broadcast Group 2022 ESG Report, https://d2ghdaxqb194v2.cloudfront.net/2732/190259.pdf (providing ethnicity and gender percentages); Cumulus Media 2022 Sustainability Report, https://www.cumulusmedia.com/wp-content/uploads/2022/12/2022-Cumulus-Sustainability-Report.pdf (providing ethnicity and gender percentages). The varying approaches of broadcasters about whether to, and how to, release employee demographic information on a voluntary basis at least indicates a lack of agreement among broadcasters with respect to their treatment of such information, as well as a lack of consensus on whether they

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analysis in *Center for Investigative Reporting*, we remain unconvinced that knowing the number of employees assigned to a particular job title or category in a company without knowing other details—for example, the duties of the employees, the structure of the company, salary information—can provide any significant information to a competitor that results in reasonably foreseeable or substantial competitive harm.[129]

37. We conclude that the public benefits of releasing the information contained in Form 395-B are significant, while the harms would be slight. Thus, balancing the public interests in disclosure against the private interests at stake here, we find that there are strong public interests in favor of disclosure and that, accordingly, section 4(j) authorizes the Commission to publicly disclose Form 395-B data.

38. *Timing of Form Submission*. As directed by section 73.3612 of the Commission's rules, broadcasters will be required to file Form 395-B annually on or before September 30 of each year, after the Order becomes effective.[130] The Commission established the September 30 deadline to align with the deadline for EEO-1 filings to enable licensees and permittees that also file similar data with the EEOC to conserve resources by using the same pay period record information for both filings.[131] Broadcasters may report employment figures from any payroll period in July, August, or September of the relevant year, but that same payroll period must be used in each subsequent year's report by the licensee. Consistent with previous practice, the Form 395-B will be due on or before September 30 of each calendar year. To provide broadcasters adequate notice regarding the details of the electronic filing process, the Media Bureau will issue a Public Notice with instructions about how to submit the filings, prior to the first filing after the Order becomes effective. This Public Notice will provide broadcasters ample time to put into place whatever data collection processes they require, including, for example, the development of employee surveys and instructions for employees regarding which job classification to report. It also will afford the Commission time to create and test an electronic version of Form 395-B.

39. *Identification of Non-Binary Gender Categories*. Finally, in reinstating the collection of Form 395-B, some commenters urge us to incorporate into the form a mechanism that will enable identification of non-binary gender categories.[132] While the EEOC has incorporated a comment box on the EEO-1 form allowing for submission of gender non-binary information, both the EEOC and the Commission traditionally track the definitions and standards on race ethnicity and gender set forth by

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would suffer any significant competitive harm from the public knowing this information. In addition, the increasing public availability of employee demographic information may cast doubt on whether it can be considered "confidential" under Exemption 4. *See supra* paras. 32-33.

[129] In *Ctr. for Investigative Reporting v. U.S. Dep't of Labor*, the federal district court emphasized that an EEO-1 form for government contractors "does not ask submitting companies to explain how resources are allocated across a company's 'segments.'" *Ctr. for Investigative Reporting v. U.S. Dep't of Labor*, 424 F.Supp.3d at 777. "Rather, the report is organized by job category, such as 'Professionals,' 'Sales Workers,' 'Operatives,' 'Craft Workers,' 'Laborers and Helpers,' etc.," and "does not request demographic information by division, department, or 'segment.'" *Id.* As noted by various commenters in the instant proceeding, Form 395-B uses the same reporting methodology in terms of job categories as the EEO-1. The grid sections of the two forms, where respondents are instructed to enter their workforce data, are identical in that respect, as both forms follow OMB-issued standards on reporting.

[130] 47 CFR § 73.3612. Authority is delegated to the Media Bureau to announce and provide filing instructions before the first window opens. *See* 47 CFR § 0.283.

[131] *1998 Biennial Regulatory Review – Amendment of Sections 73.3612 and 76.77 of the Commission's Rules Concerning Filing Dates for the Commission's Equal Employment Opportunity Annual Employment Reports*, Memorandum Opinion and Order, 13 FCC Rcd 6973, para. 5 (1998) (*1998 Biennial Review Order*) (agreeing with broadcasters that the annual filing deadline should be moved from May to September to avoid unnecessary duplication of efforts).

[132] Foster Garvey Coalition Comments at 3-4; NAB Reply at 7.

OMB and used widely by the federal government.[133] To date, OMB has not prescribed conclusive classifications to capture non-binary gender data. Federal guidance, however, recognizes the "need to be flexible and adapt over time" in developing measures to collect such data.[134] Consistent with that guidance and our record, we believe it is appropriate that the Form 395-B include a mechanism to provide further specificity about broadcaster employees' gender identities.

40. We find that such an update fits within the latitude granted to the Commission pursuant to section 334(c) of the Act to revise the forms "to reflect changes in . . . terminology."[135] We also find that the *Further Notice* provided sufficient public notice and opportunity for comment to allow us to incorporate this change to the form. The *Further Notice* encouraged commenters "to provide any new, innovative, and different suggestions for collecting and handling employment information on Form 395-B" and asked if there were "any other issues or developments that [the Commission] should consider."[136] We conclude that the suggestion to include within the Form 395-B a mechanism to account for those who identify as gender non-binary is a logical outgrowth from the *Further Notice's* requests for comment. Accordingly, and after receiving only support for and no opposition to the idea, we will include such a mechanism in the reinstituted Form 395-B.[137] We delegate to the Media Bureau the authority to implement this change to the Form.

B. Constitutional Issues

41. Reinstatement of the Form 395-B data collection in a publicly available manner is wholly consistent with the equal protection guarantee contained in the Fifth Amendment of the Constitution.[138] As discussed below, collection of workforce data from broadcast licensees on Form 395-B is race- and gender-neutral, and no race- or gender-based government action flows from collection of the data or its public availability. Accordingly, collection and publication of Form 395-B data need only be rationally related to a legitimate governmental interest to pass constitutional muster. Since the Commission has a legitimate public interest in collecting Form 395-B data and doing so on a transparent basis is rationally related to this interest, reinstatement of Form 395-B as we propose is constitutionally permissible. Finally, we find that the limitations the Commission has placed on its own use of the data obviate the concerns raised in the record about the potential for undue pressure being placed on, or "raised eyebrow" regulation of, broadcasters.

42. As the court in *Lutheran Church* acknowledged, the Constitution's equal protection

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[133] *See* OMB, Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity, 62 Fed. Reg. 58,782 (Oct. 30, 1997) (stating in Background that "For more than 20 years, the current standards in OMB's Statistical Policy Directive No. 15 have provided a common language to promote uniformity and comparability for data on race and ethnicity for the population groups specified in the Directive.").

[134] *Recommendations on the Best Practices for the Collection of Sexual Orientation and Gender Identity Data on Federal Statistical Surveys*, Office of the Chief Statistician of the United States, https://www.whitehouse.gov/wp-content/uploads/2023/01/SOGI-Best-Practices.pdf (last visited Nov. 14, 2023).

[135] 47 U.S.C. § 334(c). We note that the addition of the "gender non-binary" category is a "non-substantive technical or clerical revision" as required by section 334(c). The change is consistent with section 334(c) because it provides an option for employees to identify as non-binary, if they so choose, but does not impose any new requirement on stations that did not exist under the prior version of Form 395-B, which already required reporting on gender.

[136] *Further Notice*, 36 FCC Rcd at 12061, 12066, paras. 12, 23.

[137] NAB Reply at 7 (supporting an update to the form to enable the reporting of non-binary options and observing that "[s]uch a change would be consistent with steps by other federal agencies and serve the public interest in accurate data").

[138] U.S. Const. amend. V.

guarantee is not implicated if the regulation at issue is neutral with respect to protected categories.[139] This standard is satisfied here, because both on its face and in application, the collection of workforce data from broadcast licensees on Form 395-B is race- and gender-neutral. Regardless of the demographic makeup of a particular broadcast station employment unit, all units with five or more full-time employees are required to file their workforce data with the Commission. At no point does the Commission use race and gender categories to direct units on whether they must file the form; the number of employees within a given unit is the sole criterion. Further reflecting the neutrality of the application of the form, all units required to file with the Commission use an identical Form 395-B to report their respective demographic and job category data. By using employment size as the exclusive factor to direct units to file broadcast workforce data, the completion of the form in this regard is a neutral activity, "devoid of ultimate preferences" for hiring on the basis of race or gender.[140]

43. Furthermore, there is no race- or gender-based government action that flows from collection of the data or its public availability. Unlike the collection of this data 20 years ago, there is no connection between the Form 395-B collection at issue here and the EEO program requirements applicable to broadcasters. The court's finding in *Lutheran Church* that the Commission's rules impermissibly pressured broadcasters to engage in race-conscious hiring decisions stemmed from the set of criteria that the Commission had created in 1980 to determine whether its review of a station's license renewal application should include a closer examination of the station's EEO program.[141] Under those 1980 screening guidelines, the Commission would review the adequacy of a station's EEO program if minorities and/or women employed by the station were underrepresented as compared to the available workforce.[142] That requirement to compare the racial composition of a station's workforce with that of the local population, and not the requirement to report employment data that we reinstate today, was the trigger for the court's strict scrutiny in that case.[143]

44. While the Commission revised the EEO program requirements after the *Lutheran Church* ruling, the *use* of race, ethnicity, and gender information (albeit not Form 395-B data) was still linked to the Commission's EEO program. The new EEO program allowed stations to choose between two options for their recruiting programs.[144] In *MD/DC/DE Broadcasters*, the D.C. Circuit struck down the Commission's revised, two-option EEO program because it found that broadcasters proceeding under

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[139] For example, in the context of employee recruitment, the *Lutheran Church* court stated, "[i]f the regulations merely required stations to implement racially neutral recruiting and hiring programs, the equal protection guarantee would not be implicated." *See Lutheran Church*, 141 F.3d at 351.

[140] *See, e.g., Sussman v. Tanoue*, 39 F.Supp.2d 13, 27 (D.D.C. 1999) (holding that an FDIC workforce data collection that was part of a greater EEO program, including outreach, recruitment, and self-evaluation components, was constitutional and not deserving of strict scrutiny analysis, because it "falls within the category of programs, those conscious of race but devoid of ultimate preferences . . ."); *see also Lutheran Church*, 141 F.3d at 351 ("[]neither the Supreme Court nor any other court has ever applied strict scrutiny to programs that require nothing more than recruitment, outreach, self-evaluation, and data collection"). As noted below, what triggered strict scrutiny in the *Lutheran Church* case was the comparison of the racial composition of the station's workforce with that of the local population and, where "underrepresentation" of minorities or women was found, requiring broadcasters to take appropriate action where necessary. *Lutheran Church*, 141 F.3d at 351-52.

[141] *See Lutheran Church*, 141 F.3d at 351-53.

[142] *See id.* at 352-53. Specifically, stations with five to ten full-time employees would have their EEO program reviewed if minority groups and/or women were not employed on their full-time staffs at a ratio of 50% of their workforce availability overall and 25% in the upper-four Form 395 job categories. *Id.* at 353. The same was true for stations with 11 to 49 full-time employees, except that a 50% ratio was required for the upper-four Form 395 job categories. *Id*. Stations with fewer than five full-time employees were not required to record EEO programs, and the Commission reviewed the EEO program of all stations with 50 or more full-time employees. *Id*.

[143] *Id.* at 351-54; *but see* NAB Comments at 11-12 (attempting to link the Form 395-B filing requirement with the court's decision in *Lutheran Church*).

[144] *First Report and Order*, 15 FCC Rcd at 2363-79, paras. 76-122.

Option B of the program were pressured to engage in race-conscious recruiting practices, given that Option B required annual reporting of race, ethnicity, and gender information for each job applicant.[145] The court found that such pressure would lead to outreach programs targeted at minority groups, to the potential disadvantage of non-minority groups, and thus constituted a racial classification that triggered strict scrutiny.[146] Following the court's decision, the Commission suspended both its EEO outreach requirements and its Form 395-B filing requirement.[147]

45. When the Commission later adopted new EEO program requirements, it deferred action on requiring the collection of workforce data, and the Form 395-B data collection has been on hold ever since.[148] Thus, these EEO program requirements have existed independently of Form 395-B for the past 20 years.[149] That the Commission's EEO program continued to operate even as the Form 395-B collection was held in abeyance highlights the separation of these two requirements. And we reiterate that going forward, these two requirements—the filing of annual workforce data and compliance with an EEO program—will continue to be divorced from one another. As the Commission has recognized consistently for more than 20 years, the *Lutheran Church* and *MD/DC/DE Broadcasters* decisions do not prohibit the collection of employment data for the purpose of analyzing industry trends.[150] The Commission concluded more than two decades ago that collecting employment data solely for monitoring purposes would not violate *Lutheran Church*, and we affirm that conclusion.[151] The D.C. Circuit never took issue with the Commission's collection of station-specific employment data from broadcasters and making this data publicly-available. We continue to find the collection of this information to be consistent with the Constitution and the public interest. The Commission has stated unequivocally and emphatically that it will not use the Form 395-B for assessing a licensee's compliance with EEO program requirements. The agency even went so far as to codify that policy in the Code of Federal Regulations, amending section 73.3612 of its rules in 2004 to prohibit explicitly the use of the Form 395-B data for EEO compliance purposes.[152] We reaffirm the

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[145] *MD/DC/DE Broadcasters*, 236 F.3d at 19-22.

[146] *Id.* at 20-21. The court did not find similar constitutional flaws in Option A but nonetheless struck it down because the Commission had stressed the value of giving broadcasters a choice in compliance actions—and the court's elimination of Option B left broadcasters with no alternative except Option A. *Id*. at 22.

[147] *Suspension Order*, 16 FCC Rcd at 2872, para. 1 & n.1.

[148] *Second Report and Order and Third NPRM*, 17 FCC Rcd at 24024-25, 24077, paras. 17, 198 (deferring action on the form pending the incorporation of OMB's revised race and ethnicity classifications and explaining that such deferral need not delay adoption of the revised EEO rules because "[t]he data collected in the employment reports will be used only to compile trend reports and report to Congress" and "will not be used to determine compliance with the EEO rules").

[149] *See* NAB Comments at 18 (noting that "the form has been suspended for approximately two decades, during which time the FCC has effectively fulfilled its statutory obligations regarding EEO and vigorously enforced its EEO rules").

[150] *See*, *e.g.*, *1998 NPRM*, 13 FCC Rcd at 23023, para. 49 (stating that "[t]he court in *Lutheran Church* did not conclude that the Commission lacks authority to collect statistical employment data to analyze industry trends, or to prepare annual trend reports" and that "the Commission has broad authority to collect information and prepare reports."); *First Report and Order*, 15 FCC Rcd at 2358, paras. 63-64 (concluding that the Commission has continued authority to require annual employment reports for the purpose of monitoring employment trends); *2000 Reconsideration Order*, 15 FCC Rcd at 22558-60, paras. 35-40 (rejecting the argument that collecting employment data solely for monitoring purposes would violate *Lutheran Church*).

[151] *2000 Reconsideration Order*, 15 FCC Rcd at 22559-60, paras. 36-40 (rejecting the argument that collecting employment data solely for monitoring purposes would violate *Lutheran Church*).

[152] Note to section 73.3612 currently states:

> Data concerning the gender, race and ethnicity of a broadcast station's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to

(continued….)

Commission's previous determination that workforce data collected on Form 395-B will be used only for purposes of analyzing industry trends and reports by the Commission, and that the use of such data to assess an individual broadcast licensee's compliance with our EEO requirements will be prohibited. Moreover, in the attached *Order on Reconsideration*, we grant a previous request filed by the State Broadcasters Associations (State Associations) asking that we modify the prohibition on our use of the form's data to explicitly bar the Commission from employing this data to assess compliance with the nondiscrimination requirement contained in section 73.2080 of our rules.[153] Our granting of the State Associations' request further demonstrates our commitment to use this data only for industry analysis and reporting.

46. We disagree with NAB's and the State Associations' assertion that collection or publication of the data on a licensee- or station-attributable basis will still somehow result in unconstitutional "*sub silentio*" pressures or "raised-eyebrow" regulation.[154] We have stated repeatedly and unequivocally, and codified the proposition in our rules, that we will not use Form 395-B data for any purpose other than for analyzing and reporting trends in the broadcast industry. Nonetheless, NAB and the State Associations attempt to employ dicta from the D.C. Circuit in *MD/DC/DE Broadcasters* and *Lutheran Church* about implicit pressures by claiming that, despite the limitations the Commission has placed on its own use of the data, third parties may use the data to place improper pressure on a licensee to engage in preferential hiring practices to avoid having frivolous complaints filed against it with the Commission.[155] As an example, NAB claims that some loan agreements would require broadcasters to disclose even frivolous petitions to their lenders, thereby adding an element of risk to funding acquisitions.[156] To address this concern, we will make every effort to dismiss as quickly as possible any petitions, complaints, or other filings that rely on a station's Form 395-B filing as the basis of the petition, complaint, or other filing. Moreover, broadcasters in that situation may apprise lenders of our intent to dismiss such complaints and point to our rule disallowing the use of the data for compliance purposes.

47. Broadcaster groups mistakenly assert that reinstating a public collection of Form 395-B violates D.C. Circuit precedent, which the State Associations argue effectively invalidated the use of the Form 395-B for all purposes.[157] In arguing that the *Lutheran Church* decision invalidated Form 395-B, however, the State Associations erroneously treat all the EEO requirements in effect at the time of *Lutheran Church* as one inseparable rule that the D.C. Circuit vacated.[158] The State Associations are

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Congress. Such data will not be used for the purpose of assessing any aspect of an individual broadcast licensee's compliance with the equal employment opportunity requirements of § 73.2080.

47 CFR § 73.3612 Note.

[153] *See Order on Reconsideration*, *infra* at Section IV.

[154] *See MD/DC/DE Broadcasters*, 236 F.3d at 19 (stating that "[a] regulatory agency may be able to put pressure upon a regulated firm in a number of ways, some more subtle than others"); *see also Lutheran Church*, 141 F.3d at 353 (stating that statistics reflecting underrepresentation are "often the impetus . . . for the filing of a petition to deny").

[155] NAB Comments at 15; State Associations Reply at 11-12; *see also* NAB 2004 Comments at 8-11; State Associations 2004 Comments at 4-7, 8-11.

[156] NAB Comments at 15; State Associations Reply at 14-15.

[157] State Associations Reply at 6-8.

[158] *Id.* at 6-7. The State Associations reference reply comments they filed in 2019 in another FCC proceeding. *See id.* at 6-7, n.13. In that proceeding, after setting forth their analysis of the D.C. Circuit decisions, the State Associations make the argument that *Lutheran Church* invalidated Form 395-B. Their argument regarding the form's validity rests on the court's observation that "a hard-edged factor like statistics is bound to be one of the more noticed screening criteria" and likely would attract the attention of third parties in addition to the Commission. State Associations Reply, MB Docket No. 19-177, at 5-10, 28-30 (Nov. 4, 2019) (quoting *Lutheran Church*, 141 F.3d at 353). The State Associations repeat their point about third-party attention in this proceeding. State

(continued….)

incorrect in asserting[159] that the court's finding of unconstitutional pressure when the collection was combined with the then-existing EEO program somehow invalidated the Form 395-B itself for any and all other purposes. In fact, as noted above, what the *Lutheran Church* court found to be problematic was the requirement to compare the racial composition of a station's workforce with that of the local population,[160] and not the requirement to report employment data to the Commission. The court's finding of unconstitutionality did not reach the Commission's use of the form to gather data purely for statistical purposes and without regard to a station's EEO compliance. Indeed, the court did not even speak to the form's use in collecting employment data for the purpose of analyzing industry trends, let alone invalidate it for that purpose.

48. Furthermore, we reject the suggestion that the finding in the *MD/DC/DE Broadcasters* case somehow casts doubt on the legitimate use of Form 395-B data for industry trend reporting, given that the Form 395-B was not even at issue in that case. The Form 395-B was only mentioned in the background section of that decision, as the collection of the *employee* diversity data was irrelevant to the data at issue in that case (i.e., *applicant* data). Rather, the court found the Commission's revised EEO program problematic because it determined that broadcasters proceeding under one aspect of the program (Option B) could feel pressured to engage in race-conscious recruiting practices, given that Option B required an annual reporting of the race, ethnicity, and gender information for each job applicant.[161]

49. Therefore, unlike applicant data required under Option B of the former EEO program, the Form 395-B workforce data played no role in assessing a broadcaster's compliance with the recruiting rules at issue in *MD/DC/DE Broadcasters*. In the current situation no unconstitutional use of racial or gender classifications arises from the Commission's collection of annual employee data because we will not use the collection of Form 395-B demographic data for purposes of assessing or enforcing a broadcaster's compliance our EEO rules.[162] Further, we find NAB's argument that the court in *MD/DC/DE Broadcasters* disparaged the use of "outputs" to measure "inputs" to be misplaced.[163] First, as noted above, the court was referring to *applicant* data—i.e., those applying to open job positions at the station—as the output in that case, which was being used to evaluate a broadcaster's outreach efforts and

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Associations Reply at 6-7. However, the screening criteria under review in *Lutheran Church* were jettisoned two decades ago and are no longer operative. Further, as repeatedly stated throughout this *Order*, the Commission has made it clear that it will dismiss any third-party EEO complaints, petitions, or other filings that rely on Form 395-B data.

[159] *See* State Associations Reply at 6-7 (claiming that the linchpin for both the *Lutheran Church* and *MD/DC/DE Broadcasters* decisions was the Form 395-B itself); *see also* NAB Comments at 11-14 (conflating collection of the form's data with concerns that the D.C. Circuit had about how such data was used).

[160] *Lutheran Church*, 141 F.3d at 351-52.

[161] *MD/DC/DE Broadcasters*, 236 F.3d at 19-20, 21-22.

[162] *2000 Reconsideration Order*, 15 FCC Rcd at 22560, para. 40 (assuring "that data concerning the gender, race and ethnicity of a broadcaster's or cable entity's workforce will be used only for purposes of analyzing industry trends and reporting to Congress, and that it will not be used for the purpose of assessing any aspect of an individual broadcaster's or cable entity's compliance with our EEO rules"); *see also* 47 CFR § 73.3612 Note.

[163] In support, NAB quotes *MD/DC/DE Broadcasters* that "[m]easuring outputs to determine whether readily measurable inputs were used . . . is evidence that the agency with life and death power over the [license (of a broadcaster)] is interested in results, not process, and is determined to get them." NAB Comments at 12-13 (quoting *MD/DC/DE Broadcasters,* 236 F.3d at 19-20). The Court's focus at the time, however, was the incentives such measurement might create for broadcasters to "focus their recruiting efforts upon women and minorities, at least until those groups generate a safe proportion of the licensee's job *applications,*" which, as discussed above, is no longer an element of the Commission's EEO rules. *See MD/DC/DE Broadcasters,* 236 F.3d at 19-20 (emphasis added); *see also* AAJC et al. Ex Parte at 20-23 (arguing that the Commission should "interpret *MD/DC/DE Broadcasters* narrowly and not accede to questionable efforts to extend it").

the success of its EEO program in recruiting potential job applicants.[164] Employee data—i.e., the composition of the station's workforce, which is captured by the Form 395-B—was not the "output" of concern. Second, to the extent that employee data might be considered an output, the Commission now explicitly prohibits the use of such data as a tool to measure a broadcaster's "inputs" to its EEO program. Furthermore, the court in *MD/DC/DE Broadcasters* never suggested that the collection of employee data for statistical purposes factored into its analysis regarding the unconstitutionality of the outreach rules.

50. Based on the above, we conclude that reinstating collection of Form 395-B in a public manner, where the form's data can only be used for reporting and analyzing industry trends, is fully consistent with the determinations in *Lutheran Church* and *MD/DC/DE Broadcasters*. The proposed action is race- and gender-neutral and crucial to Congress's and the Commission's interest in understanding broadcast employment trends. Because the Commission is the only entity with the resources and expertise to expeditiously collect and compile this data, it is vital that the agency restart this collection. With current data, the Commission, Congress, and the general public can better understand developments in the broadcast sector.

51. Although no commenter raised a First Amendment issue, we clarify that requiring stations to publicly disclose their workforce composition data does not constitute "compelled speech" on matters of race and gender, in violation of the First Amendment. A requirement to report information to the government fundamentally differs from the typical compelled speech case, which generally involves situations where "the complaining speaker's own message [is] affected by the speech it [is] forced to accommodate."[165] Conversely, the Form 395-B report requires reporting of factual information to the Commission—the station's own employment figures—to allow the Commission to analyze trends. There is no message being forced by the government.[166]

52. Even assuming, *arguendo*, that broadcaster's speech rights are implicated, our Form 395-B requirement is consistent with the First Amendment, as it entails disclosure of "purely factual and uncontroversial" information in a commercial context.[167] The D.C. Circuit has ruled that government interests in addition to correcting deception can be invoked to sustain a mandate for disclosure of purely factual information in the commercial context.[168] The *Zauderer* test is satisfied here because disclosure of workforce data is reasonably related to a substantial governmental interest (ensuring maximum accuracy and utility of the data on which the government relies for analysis and reporting purposes), which outweighs the "minimal" interest in not disclosing purely factual, uncontroversial information.[169] In the

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[164] *See MD/DC/DE Broadcasters,* 236 F.3d at 19-20.

[165] *Rumsfeld v. Forum for Acad. & Institutional Rights, Inc.,* 547 U.S. 47, 61 (2006). *See, e.g., Pac. Gas & Elec. Co. v. Pub. Util. Comm'n,* 475 U.S.1, 20 (1986) (requiring a utility company to distribute a third party's newsletter in its own billing envelopes is unconstitutional); *Miami Herald Publ'g Co. v. Tornillo,* 418 U.S. 241 (1974) (requiring newspapers to publish replies from political candidates is unconstitutional).

[166] *Riley v. National Federation of the Blind of North Carolina, Inc.*, 487 U.S. 781 (1988) (applying strict scrutiny to a law requiring professional fund-raisers to disclose to potential donors the percentage of charitable contributions actually turned over to charity, but explaining that a permissible alternative that would not raise First Amendment concerns would be for the State to collect the same data from fundraisers and then publish it because this would not "burden[] a speaker with unwanted speech during the course of a solicitation").

[167] *Zauderer v. Office of Disciplinary Counsel,* 471 U.S. 626, 651 (1985); *see also id.* at 652 n. 14. As noted above, case law is not definitive on the question of whether workforce data constitutes "commercial information," although broadcasters contend it is, and courts have sometimes defined commercial information broadly to include information submitted to an agency in which the submitter has a commercial interest. Order, *supra,* para. 31

[168] *American Meat Inst. v. USDA,* 760 F.3d 18, 20 (D.C. Cir. 2014) (en banc). Other circuits have also held "under *Zauderer* that the prevention of consumer deception is not the only governmental interest that may permissibly be furthered by compelled commercial speech." *See, e.g., CTIA-The Wireless Ass'n v. City of Berkeley, Cal.,* 928 F.3d 832, 845 (9th Cir. 2019).

[169] *CTIA-The Wireless Association,* 928 F.3d at 845-48.

alternative, even assuming, *arguendo,* that our requirement is subject to heightened First Amendment review, we find that our disclosure requirement satisfies even this higher standard.[170] The government has a substantial interest in analyzing broadcast industry workforce information to support greater understanding of the broadcast industry and to report to Congress about the same. Collecting this data and making broadcasters' Form 395-B filings publicly available directly advance this governmental interest because without the data it would be impossible to assess changes, trends, or progress in the industry and making the information public ensures maximum accuracy of the submitted data by increasing the likelihood that erroneous data will be discovered and corrected and incentivizing stations to file accurate data and thereby maximizes the utility of the data. Moreover, the requirement is not more extensive than is necessary to serve that interest, because the data will be collected in a manner consistent with the Commission's previous, long-standing method of collecting the data and because, as this order has made clear, the data collected will be used exclusively for the purpose of compiling industry employment trends and making reports to Congress, and not to assess any aspect of a broadcaster's compliance with the EEO rules.[171]

C. The Commission Has Broad Authority to Collect Form 395-B

53. We find sufficient authority to reinstate the collection of Form 395-B, both pursuant to the public interest provisions of the Act and section 334.[172] The Commission's adoption of Form 395-B preceded Congress's passage of section 334 by more than two decades. As discussed above in Section II, the form and the Commission's EEO rules were rooted firmly in the Commission's public interest mandate under the Communications Act.[173] By codifying the Commission's then existing EEO requirements, as well as the collection of Form 395-B, Congress, in 1992, ratified the Commission's pre-existing authority to adopt such rules and forms.[174] As the Commission discussed extensively in the

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[170] *Central Hudson v. Public Service Commission of New York,* 447 U.S. 557, 566 (1980) (requiring the regulation to directly advance the substantial governmental interest asserted, and is not more extensive than is necessary to serve that interest).

[171] We note that requiring stations to submit their own workplace data is not putting any words into broadcasters' mouths and cannot be construed as "mandat[ing] speech that 'a speaker would not otherwise make," such that it might be argued we are imposing "a content-based regulation of speech." *Riley,* 487 U.S. at 795. Thus strict scrutiny does not apply here.

[172] *See supra* para. 45 (describing the Commission's legal authority to collect workforce data for industry monitoring purposes independent of its authority to regulate its EEO *program*).

[173] *See Second Report and Order and Third NPRM*, 17 FCC Rcd at 24028-29, para. 28 (stating that when the Commission adopted rules in 1969 prohibiting broadcast stations from engaging in employment discrimination and requiring them to maintain a program designed to ensure equal employment opportunities, the Commission drew its authority from its public interest mandate and relied on sections 4(i), 303, 307, 308, 309, and 310 of the Act); *see also id*. at 24030, para. 31 (noting that the Commission had adopted and enforced its EEO rules under its public interest mandate for more than 30 years at that point).

[174] *See id.* at 24030, para. 31 (noting that there is a substantial body of case law establishing the principle that congressional approval and ratification of administrative interpretations of statutory provisions, including those granting jurisdiction to regulate, can be inferred from congressional acquiescence in a long-standing agency policy or practice); *see also id.* at n.62 (citing *Haig v. Agee*, 453 U.S. 280, 300-06 (1981) (long-standing interpretation by the Secretary of State of its power under Passport Act of 1926 as encompassing the power to revoke passports to prevent damage to national security or foreign policy was ratified by congressional acquiescence, even though Secretary exercised power infrequently); *Lorillard v. Pons*, 434 U.S. 575, 580-85 (1978) (Congress is presumed to be aware of administrative and judicial interpretations of a statute and to adopt and ratify those interpretations when it re-enacts a statute without change or incorporates in a new law sections of a prior law that have a settled interpretation); *Zemel v. Rusk*, 381 U.S. 1, 9-13 (1965) (Secretary of State's interpretation of Passport Act of 1926 as authorizing him to impose area restrictions was ratified by Congress when it left untouched the Secretary's broad rulemaking authority when it later enacted legislation relating to passports); *Norwegian Nitrogen Products Co. v. U.S.*, 288 U.S. 294, 313-15 (1933) ("administrative practice, consistent and generally unchallenged, will not be overturned except for very cogent reasons if the scope of the command is indefinite and doubtful").

Second Report and Order and Third NPRM in this proceeding, the limitation imposed by section 334 regarding changes to the Commission's then-existing EEO rules and forms evidenced Congress's approval of the Commission's EEO approach (including the information collection) and its desire to ensure its continuance.[175] Lawmakers' express endorsement of the rules 30 years ago did not in any way undermine the Commission's pre-existing public interest authority. Moreover, the Commission also has broad authority under the Communications Act to collect information and prepare reports.[176]

54. Despite this settled law, the State Associations challenge our authority to reinstate the form's collection, reviving arguments that the Commission rejected 20 years ago.[177] First, they assert that, rather than a grant of EEO authority, section 334 is a limitation on the Commission's authority to revise its EEO regulations and forms.[178] They suggest that the Commission is constrained from reinstating Form 395-B because, in setting forth the permissible exceptions to its restriction on EEO changes, Congress did not include, or later add, the situation where some provisions of the EEO rules are deemed unenforceable, as occurred in *Lutheran Church* and *MD/DC/DE Broadcasters*.[179] Second, the State Associations posit that the Commission is taking inconsistent positions on the current force of section 334.[180] They argue that, if section 334 is still in force and dictates reinstatement of Form 395-B, then the Commission's current EEO outreach rules violate the statutory provision because those rules have undergone substantial revision.[181] The State Associations assert that the Commission "cannot have it both ways" by rejecting the constraints of section 334 when it previously revised its EEO rules, but now invoking the same provision to reinstate Form 395-B.[182]

55. We find that State Associations' assertions unsound as a matter of law and logic. They disregard the Commission's public interest authority under the Act, which was the underpinning of the Commission's EEO rules and Form 395-B long before the passage of section 334. Further, the commenters also misconstrue the impact of the court decisions on our section 334 authority. While the *Lutheran Church* court invalidated elements of the EEO program requirements in effect in 1992, thereby terminating their enforceability, it did not address the constitutionality of section 334 itself. Moreover, the subsequent decision in *MD/DC/DE Broadcasters* did not imply that the unconstitutionality of the previous regulations rendered section 334 inoperative.

56. We therefore continue to reject the State Associations' false premise that section 334 was somehow "neutered" by the D.C. Circuit decisions.[183] Section 334 continues to provide authority for reinstating Form 395-B. Moreover, as discussed above, we find ample legal authority separate from

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[175] *See Second Report and Order and Third NPRM*, 17 FCC Rcd at 24032, para. 38 (noting that Congress would not have directed the Commission in section 22(g) of the 1992 Cable Act to review the effectiveness of its broadcast and cable EEO policies and regulations then in effect, and recommend whether further legislative action was necessary, had Congress not believed that those policies and regulations were within the Commission's lawful authority).

[176] *See, e.g.*, 47 U.S.C. §§ 154(i) and (k), 303(r), and 403; *see also Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9974, para. 3.

[177] *See Second Report and Order and Third NPRM*, 17 FCC Rcd at 24026-35, paras. 21-44.

[178] State Associations Reply at 5-6.

[179] *Id.*; *but see* 47 U.S.C. § 334(c) (allowing the Commission "to revise the regulations described in subsection (a) to make nonsubstantive technical or clerical revisions in such regulations as necessary to reflect changes in technology, terminology, or Commission organization").

[180] *See* State Associations Reply at 6.

[181] *Id.*

[182] *Id.*

[183] *Id.*

section 334 to reinstate collection of the form.[184]

IV. ORDER ON RECONSIDERATION

57. In 2004, the State Associations filed a petition seeking reconsideration of the *Third Report and Order and Fourth NPRM*.[185] The petition asks the Commission: (1) to amend the Note to section 73.3612 to, in their view, clarify and strengthen the Commission's pledge to refrain from using Form 395-B data for compliance or enforcement purposes; (2) to address the issue of confidential treatment for Form 395-B; and (3) to issue a Fourth Report and Order resolving issues raised in the *Third Report and Order and Fourth NPRM* and in petitions for reconsideration filed in response to the *Second Report and Order and Third NPRM*.[186] Numerous parties jointly filed an opposition to the petition.[187] We hereby grant the State Associations' petition in part, deny it in part, dismiss it in part, and defer it in part.

58. The State Associations seek an expansion of the Commission's pledge to not use Form 395-B data to assess an individual broadcast licensee's compliance with the EEO rules to read as follows, with their proposed changes shown in italics:

> Note to Section 73.3612: Data concerning the gender, race and ethnicity of a broadcast station's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual broadcast licensee's *or permittee's* compliance with the *nondiscrimination or* equal employment opportunity requirements of Section 73.2080. *Accordingly, the Commission will not entertain any allegation or showing that a broadcast licensee or permittee has violated any aspect of Section 73.2080 on the basis that the station's workforce does not reflect a certain number of persons of a particular gender, race or ethnicity either overall or in any one or more job categories.*[188]

59. Based on the record stemming from the State Associations' 2004 petition for reconsideration and the determinations made in the *Fourth Report and Order* above, we find it appropriate to make certain changes to the language of section 73.3612 of our rules. With regard to the first of the State Associations' proposed changes, the opposing parties do not object to adding the phrase "or permittee's," and we agree to make that change because permittees also are required to file Form 395-B.[189] We also find that explicitly stating in the rule itself that we will not use Form 395-B data to assess

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[184] We also find to be spurious State Associations' assertion that the specific language of section 634 of the Act regarding the obligations the Act places on MVPDs regarding their annual employment filing requirements somehow undermines our authority to reinstate the Form 395-B collection, which both preceded the statutory MVPD requirement and our authority for which has been ratified by Congress, as described in Section II above. *See id.* at 7-8.

[185] Joint Petition of State Broadcasters Associations for Reconsideration and/or Clarification of Third Report and Order and Fourth NPRM, MM Docket No. 98-204, (filed July 23, 2004), https://www.fcc.gov/ecfs/document/5511438304/1 (State Associations 2004 Petition).

[186] *Id.* at 2-3. The State Associations filed a petition for reconsideration also in 2003 in response to the *Second Report and Order and Third NPRM*, as did the Alaska Broadcasters Association et al. Joint Petition of State Associations for Reconsideration and Clarification, MM Docket No. 98-204, at 20, https://www.fcc.gov/ecfs/document/5508559479/1 (filed Feb. 6, 2003) (State Associations 2003 Petition); Petition of Alaska Broadcasters Association, et al. for Reconsideration, MM Docket No. 98-204, https://www.fcc.gov/ecfs/document/5508736233/1 (filed Feb. 6, 2003).

[187] Opposition of NOW et al. to Petition for Reconsideration and/or Clarification, MM Docket No. 98-204, https://www.fcc.gov/ecfs/document/5511635880/1 (filed Sept. 7, 2004) (NOW et al. Opposition).

[188] State Associations 2004 Petition at 2-3.

[189] *See* NOW et al. Opposition at 2 n.4 (expressing a lack of objection to the phrase "or permittee's").

compliance with both the equal employment opportunity requirements *and nondiscrimination* requirements of section 73.2080 of our rules is consistent with our statements in the *Fourth Report and Order* above and with statements made by the Commission over the past two decades.[190]

60. While the opponents to this change argue that we should not "categorically limit [our] discretion to use EEO data as one of many factors in assessing a complaint of discrimination," these same opponents also acknowledge that the "Note itself, along with the text of [the] *3rd R&O*, make it plain that the FCC will *not* use annual employment data to assess compliance with the EEO rules of any individual broadcast licensee."[191] Hence, codifying the limitation is nothing more than memorializing in another form a prohibition that the Commission has had in place for more than 20 years. This approach minimizes confusion about our position. We do not, however, see any need to include the final sentence suggested by the State Associations, as we find that it is essentially a repetition of the preceding sentence now that we have added "nondiscrimination or" to the preceding sentence. Finally, to conform to the publishing conventions of the National Archives and Records Administration's Office of the Federal Register, we will now incorporate what currently appears as a Note to Section 73.3612 into the rule itself. The revised rule will read as follows:

> Each licensee or permittee of a commercially or noncommercially operated AM, FM, TV, Class A TV or International Broadcast station with five or more full-time employees shall file an annual employment report with the FCC on or before September 30 of each year on FCC Form 395-B. Data concerning the gender, race and ethnicity of a broadcast station's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual broadcast licensee's or permittee's compliance with the nondiscrimination or equal employment opportunity requirements of Section 73.2080.

61. With regard to the State Associations' petition on the issue of confidential treatment of the Form 395-B data, we respond by adopting the *Fourth Report and Order* above, which reinstates the Form 395-B data collection in a public manner. Most of the remaining issues raised in State Associations' petition for reconsideration of the *Second Report and Order and Third NPRM* are unrelated to the Form 395-B filing requirement and, hence, we defer action on them here because they are beyond the scope of this *Order on Reconsideration*.[192] We dismiss as moot two specific issues raised in the petition: (1) the ability to recruit via the internet, which the Commission addressed in the intervening time period,[193] and (2) a modification to the effective date of the then new rules.[194]

V. SECOND FURTHER NOTICE OF PROPOSED RULEMAKING

62. Having addressed the issues concerning the reinstatement of the Form 395-B data collection, we now seek, by this Second Further Notice of Proposed Rulemaking (*Second FNPRM*), to

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[190] *See, e.g., 2000 Reconsideration Order*, 15 FCC Rcd 22548, 22558-59, para. 35 (stating that "we will summarily dismiss any petition filed by a third party based on Form 395-B employment data" and "will not use this data as a basis for conducting audits or inquiries."); *Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9976, para. 9.

[191] NOW et al. Opposition at 2.

[192] State Associations 2003 Petition at 14-19 (putting forth arguments related to the Commission's recruitment rules); *id.* at 23-34 (addressing issues related to FCC Forms 396 and 397). In their 2004 petition, the State Associations urge the Commission to address various issues raised by the State Associations in their 2003 petition. *See* State Associations 2004 Petition at 7-8.

[193] State Associations 2003 Petition at 4-8. This issue was addressed by the Commission in 2017. *See Petition for Rulemaking Seeking to Allow the Sole Use of Internet Sources for FCC EEO Recruitment Requirement*, MB Docket No. 16-410, Declaratory Ruling, 32 FCC Rcd 3685 (2017).

[194] State Associations 2003 Petition at 12.

refresh the existing record[195] regarding the statutorily mandated collection of Form 395-A data.[196] Similar to the Form 395-B collected from broadcasters, Form 395-A seeks to gather workforce composition data from multichannel video programming distributors (MVPDs) on an annual basis.[197] The Commission suspended the filing of Form 395-A in 2001 in the wake of the *MD/DC/DE Broadcasters* decision that vacated certain aspects of the Commission's EEO requirements for broadcasters.[198] While the similar requirements for MVPDs have never been challenged, the Commission suspended the collection of both Forms 395-A and B, along with various EEO requirements, in order to analyze the impact of the *MD/DC/DE Broadcasters* decision.[199] In the *Third Report and Order and Fourth NPRM*, the Commission reinstated Forms 395-A and B pending resolution of questions about confidential collection and use.[200] As the Commission had not resolved those questions before today, however, the collection of the Form 395-A remained suspended along with the Form 395-B. Despite that suspension, the Commission from 2004 to 2021 continued to seek OMB approval for the information collection, and during that time, OMB approved both Forms 395-A and B, subject to the agency's resolution of confidentiality issues regarding the forms' collection and use.[201]

63. We now seek by this *Second FNPRM* to refresh the record stemming from the *Third Report and Order and Fourth NPRM* regarding the collection of MVPD workforce composition data. Consistent with the analysis provided in the *Fourth Report and Order* above for making Form 395-B data public, we tentatively conclude that the collection of Form 395-A also should be reinstated and made available for public review. We seek comment as to whether Congress's directive that MVPD operators make Form 395-A available for public inspection at their own facilities would be consistent with our amending our rules to require that MVPD operators instead make Form 395-A publicly available through the Commission-hosted Online Public Inspection File (OPIF). While section 634(d)(3)(B) of the Act states that a MVPD should make Form 395-A available for public inspection at the MVPD's central office and at every office where five or more full-time employees are regularly assigned to work,[202] section 634(d)(4) of the Act permits the Commission to amend the requirements associated with Form 395-A as needed.[203] We tentatively conclude that requiring the Form 395-A to be placed in the OPIF would be more efficient for the public that wishes to review such reports, as OPIF provides one online site for such review. We also tentatively conclude that hosting the reports in OPIF will reduce the burdens placed on MVPDs, as this will relieve the MVPD of maintaining such reports at individual

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[195] *See Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9978-79, paras. 14-17.

[196] 47 U.S.C. § 554(d)(3)(A)-(B).

[197] The Multi-Channel Video Programming Distributor Annual Employment Report, Form 395-A can be found at https://omb.report/icr/202301-3060-020/doc/128149601. Pursuant to section 634 of the Communications Act, since 1984 the Commission has required that MVPDs with six or more full-time employees file the FCC Form 395-A. Section 634(d)(3)(A) of the Communications Act requires MVPDs with six or more full-time employees to "file with the Commission an annual statistical report identifying by race, sex, and job title the number of employees in each of [specifically identified full-time and part-time job categories]." 47 U.S.C. § 554 (d)(3)(A).

[198] *Suspension Order*, 16 FCC Rcd at 2872-73.

[199] *Id*.

[200] *Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9978-79, paras. 13-17.

[201] We note that although the filing of the Form 395-A has been suspended since 2001, OMB has most recently approved the information collection through January 31, 2026. *See* Multi-Channel Video Programming Distributor Annual Employment Report, FCC Form 395-A, https://omb.report/icr/202301-3060-020/doc/128149601 (last visited Dec. 15, 2023).

[202] 47 U.S.C. § 554(d)(3)(B).

[203] 47 U.S.C. § 554(d)(4) (stating that the "Commission may amend such rules from time to time to the extent necessary to carry out the provisions of this section."). *See Second Report and Order and Third NPRM*, 17 FCC Rcd at 24025, para. 19 (discussing the Commission's flexibility to modify the MVPD EEO requirements).

central offices, including providing sufficient staffing for such offices. We also tentatively conclude that our proposal to change the location of where the Form 395-A data will be housed from the MVPD's central office to the OPIF website is consistent with the basic intent of section 634(d)(3)(B), which is to ensure that the public has access to the Form 395-A data. We seek comment on these tentative conclusions. Alternatively, if section 634(d)(3)(B) were to be read to compel availability of Form 395-A at MVPD offices, would it be within our authority and consistent with sound policy to additionally require availability through OPIF?

64. As noted above in the *Order on Reconsideration*, we are modifying section 73.3612 of our rules to specifically state that the Form 395-B data will not be used in assessing any aspect of an individual broadcast licensee's or permittee's compliance with *both* the nondiscrimination and equal employment opportunity requirements of section 73.2080. Despite the slight variation in the underlying statutory authority for the collection of the workforce employment data from MVPDs versus broadcasters, the Commission traditionally has treated both data collections in a similar manner. In this regard, the Commission has imposed the same restrictions on the use of workforce composition data stemming from both Forms 395-A and B.[204] Consequently, we tentatively conclude that section 76.1802 of our rules concerning the MVPD annual employment report should be modified so as to align with the modifications made to section 73.3612 of our rules for broadcasters in the *Order on Reconsideration* above. In the *Order on Reconsideration* above, we incorporated what appears as a Note to section 73.3612 into the rule itself to conform to the publishing conventions of the National Archives and Records Administration's Office of the Federal Register. We seek comment on our tentative conclusion to do the same with regard to the language that currently appears as a Note to section 76.1802, to read as follows:

> Each employment unit with six or more full-time employees shall file an annual employment report on the FCC Form 395-A with the Commission on or before September 30 of each year. Data concerning the gender, race and ethnicity of an employment unit's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual employment unit's compliance with our nondiscrimination or EEO rules for multi-channel video program distributors.

65. As stated above in the *Fourth Report and Order*, the Form 395-B will include a mechanism to provide further specificity about broadcaster employees' gender identities.[205] We seek comment on whether we should adopt a similar mechanism for the Form 395-A.

66. We also seek comment on the attendant costs and benefits of any proposals advanced in response to this item.

67. *Digital Equity and Inclusion*. Finally, the Commission, as part of its continuing effort to advance digital equity for all,[206] including people of color, persons with disabilities, persons who live in

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[204] *See Third Report and Order and Fourth NPRM*, 19 FCC Rcd at 9989, App. B. In that order, the Commission adopted a Note to Section 76.1802, identical to the Note in the relevant EEO rule for broadcasters, stating that the data collected would be used exclusively for the purpose of compiling industry employment trends and making reports to Congress, and not to assess any aspect of an employment unit's compliance with the EEO rules for multi-channel video programming distributors. 47 CFR § 73.3612 Note ("Data concerning the gender, race and ethnicity of a broadcast station's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual broadcast licensee's compliance with the Equal Employment Opportunity requirements of § 73.2080."); 47 CFR § 76.1802 Note (same).

[205] *See supra* paras. 39-40.

[206] Section 1 of the Communications Act of 1934 as amended provides that the FCC "regulat[es] interstate and foreign commerce in communication by wire and radio so as to make [such service] available, so far as possible, to (continued….)

rural or Tribal areas, and others who are or have been historically underserved, marginalized, or adversely affected by persistent poverty or inequality, invites comment on any equity-related considerations[207] and benefits (if any) that may be associated with the proposals and issues discussed herein. Specifically, we seek comment on how our proposals may promote or inhibit advances in diversity, equity, inclusion, and accessibility, as well the scope of the Commission's relevant legal authority.

VI. PROCEDURAL MATTERS

68. *Ex Parte Rules - Permit-But-Disclose*. With respect to the *Second Further Notice of Proposed Rulemaking*, this proceeding shall be treated as a "permit-but-disclose" proceeding in accordance with the Commission's *ex parte* rules.[208] Persons making *ex parte* presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral *ex parte* presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the *ex parte* presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's written comments, memoranda, or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during *ex parte* meetings are deemed to be written *ex parte* presentations and must be filed consistent with rule 1.1206(b). In proceedings governed by rule 1.49(f) or for which the Commission has made available a method of electronic filing, written *ex parte* presentations and memoranda summarizing oral *ex parte* presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that proceeding, and must be filed in their native format (e.g., .doc, .xml, .ppt, searchable .pdf). Participants in this proceeding should familiarize themselves with the Commission's *ex parte* rules.

69. *Filing Requirements—Comments and Replies*. Pursuant to Sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.145, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS). *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

- Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS: https://apps.fcc.gov/ecfs/.
- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing. Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commissions Secretary, Office of the Secretary, Federal Communications

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all the people of the United States, without discrimination on the basis of race, color, religion, national origin, or sex." 47 U.S.C. § 151.

[207] The term "equity" is used here consistent with Executive Order 13985 as the consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment, such as Black, Latino, and Indigenous and Native American persons, Asian Americans and Pacific Islanders and other persons of color; members of religious minorities; lesbian, gay, bisexual, transgender, and queer (LGBTQ+) persons; persons with disabilities; persons who live in rural areas; and persons otherwise adversely affected by persistent poverty or inequality. *See* Exec. Order No. 13985, 86 Fed. Reg. 7009, Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government (Jan. 20, 2021).

[208] 47 CFR § 1.1200 *et seq.*

Commission.

- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.U.S.
- Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street, NE, Washington DC 20554.

- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19.[209]
- During the time the Commission's building is closed to the general public and until further notice, if more than one docket or rulemaking number appears in the caption of a proceeding, paper filers need not submit two additional copies for each additional docket or rulemaking number; an original and one copy are sufficient.

70. *Regulatory Flexibility Act*. The Regulatory Flexibility Act of 1980, as amended (RFA)[210] requires that an agency prepare a regulatory flexibility analysis for notice and comment rulemakings, unless the agency certifies that "the rule will not, if promulgated, have a significant economic impact on a substantial number of small entities."[211] Accordingly, we have prepared a Final Regulatory Flexibility Analysis (FRFA) concerning the potential impact of rule and policy changes adopted in the *Fourth Report and Order* on small entities. The FRFA is set forth in Appendix C. We have also prepared an Initial Regulatory Flexibility Analysis (IRFA) concerning the potential impact of rule and policy change proposals on small entities in the *Second Further Notice of Proposed Rulemaking*. The IRFA is set forth in Appendix D. Additionally, we have prepared a Final Regulatory Flexibility Certification (FRFC) certifying that the rule and policy changes contained in the *Order on Reconsideration* will not have a significant economic impact on a substantial number of small entities. The FRFC is set forth in Appendix E.

71. *Paperwork Reduction Act.* Final Paperwork Reduction Act Analysis for Fourth Report and Order and Order on Reconsideration in MB Docket No. 98-204. This Fourth Report and Order and Order on Reconsideration may contain new or modified information collection requirements subject to the Paperwork Reduction Act of 1995 (PRA), Public Law 104-13. All such changes will be submitted to the Office of Management and Budget (OMB) for review under Section 3507(d) of the PRA. OMB, the general public, and other Federal agencies will be invited to comment on any new or modified information collection requirements contained in this proceeding. In addition, we note that pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107-198, see 44 U.S.C. 3506(c)(4), we previously sought specific comment on how the Commission might further reduce the information collection burden for small business concerns with fewer than 25 employees. In this present document, we have assessed the effects of reinstating the collection of information on Form 395-B from broadcasters with five or more full-time employees and adding language to our rules clarifying that restrictions regarding the Commission's use of the collected data protect broadcast permittees as well as licensees. We find that, with respect to businesses with fewer than 25 employees, the paperwork burden associated with the completion and submission of Form 395-B will be minimal and the collection is necessary to

[209] *See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Filing*, Public Notice, 35 FCC Rcd 2788 (2020).

[210] *See* 5 U.S.C. § 604. The RFA, 5 U.S.C. §§ 601–612, was amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 847 (1996).

[211] 5 U.S.C. § 605(b).

serve the purpose of obtaining complete information on employment trends in the broadcast industry. As it is customary for companies to routinely maintain employee information for various purposes, including payroll, broadcasters should not have to engage in extensive research to complete and submit their Form 395-B.

72. *Initial Paperwork Reduction Act Analysis for Second Further Notice of Proposed Rulemaking in MB Docket No. 98-204*. This Second Further Notice of Proposed Rulemaking may contain proposed new or modified information collection requirements. The Commission, as part of its continuing effort to reduce paperwork burdens, invites the general public and the Office of Management and Budget (OMB) to comment on these information collection requirements, as required by the Paperwork Reduction Act of 1995, Public Law 104-13. In addition, pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107-198, see 44 U.S.C. § 3506(c)(4), we seek specific comment on how we might further reduce the information collection burden for small business concerns with fewer than 25 employees.

73. *Congressional Review Act.* The Commission has determined, and the Administrator of the Office of Information and Regulatory Affairs, Office of Management and Budget, concurs, that this rule is non-major under the Congressional Review Act, 5 U.S.C. § 804(2). The Commission will send a copy of this Fourth Report and Order, Order on Reconsideration, and Second Further Notice of Proposed Rulemaking to Congress and the Government Accountability Office pursuant to 5 U.S.C. § 801(a)(1)(A).

74. *People with Disabilities.* To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer and Governmental Affairs Bureau at 202-418-0530 (voice, 202-418-0432 (tty)).

75. *Providing Accountability Through Transparency Act*. The Providing Accountability Through Transparency Act of 2023 requires each agency, in providing notice of a rulemaking, to post online a brief plain-language summary of the proposed rule.[212] Accordingly, the Commission will publish the required summary of this *Second Further Notice of Proposed Rulemaking* on https://www.fcc.gov/proposed-rulemakings.

76. *Additional Information.* For additional information on this proceeding, please contact Christopher Sova of the Media Bureau, Industry Analysis Division, christopher.sova@fcc.gov, (202) 418-1868.

VII. ORDERING CLAUSES

77. Accordingly, **IT IS ORDERED** that, pursuant to the authority contained in Sections 1, 4(i), 4(k), 303(r), 307, 308, 309, 310, 334, 403, and 634 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 154(i), 154(k), 303(r), 307, 308, 309, 310, 334, 403, and 554, this *Fourth Report and Order, Order on Reconsideration, and* Second *Further Notice of Proposed Rulemaking* **IS ADOPTED**.

78. **IT IS FURTHER ORDERED** that this *Fourth Report and Order and Order on Reconsideration* SHALL BE EFFECTIVE 30 days after publication in the Federal Register. Compliance with section 73.3612 of the Commission's rules, 47 CFR § 73.3612, which may contain new or modified information collection requirements, will not be required until the Office of Management and Budget completes review of any information collection requirements that the Office of Management and Budget determines is required under the Paperwork Reduction Act. The Commission directs the Media Bureau to announce the compliance date for the *Fourth Report and Order and Order on Reconsideration* by subsequent Public Notice.

79. IT IS FURTHER ORDERED that the Joint Petition of the State Broadcasters Associations for Reconsideration and/or Clarification the Third Report and Order and Fourth NPRM, MM Docket No. 98-204 (filed July 23, 2004), is GRANTED IN PART, DENIED IN PART,

[212] 5 U.S.C. § 553(b)(4). The Providing Accountability Through Transparency Act of 2023, Pub. L. No. 118-9, 137 Stat. 55 (2023), amended section 553(b) of the Administrative Procedure Act.

DISMISSED IN PART, and DEFERRED IN PART.

80. IT IS FURTHER ORDERED that the Media Bureau is hereby directed to make the necessary changes to Form 395-B to provide for inclusion of gender non-binary information.

81. IT IS FURTHER ORDERED that the Commission's Consumer and Governmental Affairs Bureau, Reference Information Center, SHALL SEND a copy of this Fourth Report and Order, Order on Reconsideration, and Second Further Notice of Proposed Rulemaking including the Final Regulatory Flexibility Analysis and the Initial Regulatory Flexibility Certification, to the Chief Counsel for Advocacy of the Small Business Administration.

82. **IT IS FURTHER ORDERED** that the Office of the Managing Director, Performance Program Management, **SHALL SEND** a copy of this Fourth Report and Order, Order on Reconsideration, and Second Further Notice of Proposed Rulemaking in a report to be sent to Congress and the Government Accountability Office pursuant to the Congressional Review Act, 5 U.S.C. § 801(a)(1)(A)

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

APPENDIX A

Final Rules

The Federal Communications Commission amends Part 73 of Title 47 of the Code of Federal Regulations as follows:

1. Delete Note to Section 73.3612.
2. Revise Section 73.3612 to read as follows:

   Each licensee or permittee of a commercially or noncommercially operated AM, FM, TV, Class A TV or International Broadcast station with five or more full-time employees shall file an annual employment report with the FCC on or before September 30 of each year on FCC Form 395-B. Data concerning the gender, race and ethnicity of a broadcast station's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual broadcast licensee's or permittee's compliance with the nondiscrimination or equal employment opportunity requirements of Section 73.2080. Compliance with this section will not be required until this sentence is removed or contains a compliance date, which will not occur until after the Office of Management and Budget completes review of any information collection requirements pursuant to the Paperwork Reduction Act or until after the Office of Management and Budget determines that such review is not required. The Commission directs the Media Bureau to announce a compliance date for this section 73.3612 by subsequent Public Notice and to cause this section 73.3612 to be revised accordingly.

APPENDIX B

Proposed Rules

The Federal Communications Commission proposes to amend Part 76 of Chapter 5 of Title 47 of the Code of Federal Regulations (CFR) as follows:

1. The authority citation for part 76 continues to read as follows:

Authority: 47 U.S.C. 154, 155, 301, 303, 307, 309, 310, 334, 336, 339.

2. Amend § 76.1802 to read as follows:

Each employment unit with six or more full-time employees shall file an annual employment report on the FCC Form 395-A with the Commission on or before September 30 of each year. Data concerning the gender, race and ethnicity of an employment unit's workforce collected in the annual employment report will be used only for purposes of analyzing industry trends and making reports to Congress. Such data will not be used for the purpose of assessing any aspect of an individual employment unit's compliance with our nondiscrimination or EEO rules for multi-channel video program distributors.

APPENDIX C

Final Regulatory Flexibility Act Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA)[1] an Initial Regulatory Flexibility Analysis (IRFA) was incorporated in the 2021 *Further Notice of Proposed Rulemaking* (*Further Notice*) to this proceeding.[2] The Federal Communications Commission (Commission) sought written public comment on the proposals in the *Further Notice*, including comment on the IRFA. The Commission received no comments on the IRFA. This present Final Regulatory Flexibility Analysis (FRFA) conforms to the RFA.

A. Need for, and Objectives of, the Report and Order

2. This *Fourth Report and Order* reinstates the Commission's annual collection of broadcast workforce composition data by race and gender on FCC Form 395-B. We will use the collected data to analyze industry trends and make reports to Congress. Before the form's prolonged suspension beginning in 2001,[3] the Commission made the collected workforce data publicly available. As stated in the *Fourth Report and Order*, we will continue with the public collection and dissemination of the data, which is in alignment with the public interest. Other than the inclusion of a mechanism allowing broadcasters to account in the Form 395-B for those employees who identify as gender non-binary, the reinstated collection does not change the form's reporting requirements. The inclusion of this mechanism, which will allow for accurate data gathering, will incur only a minimal economic impact on a substantial number of small entities.

3. The reinstatement arrives after a significant period of delay in collection, which created a material gap in workforce composition data to be collected and analyzed by the Commission. Without the data, the Commission is prevented from analyzing important industry trends and reporting to Congress its analyses on the broadcast sector. A reinstituted collection of Form 395-B will allow us to carry out the public interest authority of this agency, and to implement section 334 of the Act, which instructs the Commission to collect broadcast workforce data.[4]

B. Legal Basis

4. The *Fourth Report and Order* is authorized under sections 1, 4(i), 4(k), 303(r), 307, 308, 309, 310, 334, and 403 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 154(i), 154(k), 303(r), 307, 308, 309, 310, 334, and 403.

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[1] *See* 5 U.S.C. § 603. The RFA, see 5 U.S.C. §§ 601-612, has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 847 (1996). The SBREFA was enacted as Title II of the Contract With America Advancement Act of 1996 (CWAAA).

[2] 5 U.S.C. § 601(6); *see infra* note 9 (explaining the definition of "small business" under 5 U.S.C. § 601(3)); *see* 5 U.S.C. § 601(4) (defining "small organization" as "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register"); 5 U.S.C. § 601(5) (defining "small governmental jurisdiction" as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and which are based on such factors as location in rural or sparsely populated areas or limited revenues due to the population of such jurisdiction, and publishes such definition(s) in the Federal Register").

[3] *Suspension of the Broadcast and Cable Equal Employment Opportunity Outreach Program Requirements,* Memorandum Opinion and Order, 16 FCC Rcd 2872 (2001) (*Suspension Order*).

[4] 47 U.S.C. § 334.

C. Summary of Significant Issues Raised by Public Comments in Response to IFRA

5. There were no comments in response to IRFA notice**.**

D. Response to Comments by the Chief Counsel for Advocacy of the Small Business Administration

6. Pursuant to the Small Business Jobs Act of 2010, which amended the RFA, the Commission is required to respond to any comments filed by the Chief Counsel for Advocacy of the Small Business Administration (SBA), and to provide a detailed statement of any change made to the proposed rules as a result of those comments.[5] The Chief Counsel did not file any comments in response to the *Further Notice* in this proceeding**.**

E. Description and Estimate of the Number of Small Entities to Which the Rules Apply

7. The RFA directs the Commission to provide a description of and, where feasible, an estimate of the number of small entities that will be affected by the rules adopted herein.[6] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small government jurisdiction." In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act.[7] A small business concern is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[8] Below, we provide a description of such small entities, as well as an estimate of the number of such small entities, where feasible.

8. *Television Broadcasting*. This industry is comprised of "establishments primarily engaged in broadcasting images together with sound."[9] These establishments operate television broadcast studios and facilities for the programming and transmission of programs to the public.[10] These establishments also produce or transmit visual programming to affiliated broadcast television stations, which in turn broadcast the programs to the public on a predetermined schedule. Programming may originate in their own studio, from an affiliated network, or from external sources. The SBA small business standard for this industry classifies businesses having $41.5 million or less in annual receipts as

[5] 5 U.S.C. § 604(a)(3).

[6] 5 U.S.C. § 603(b)(3).

[7] 5 U.S.C. § 601(6); *see infra* note 9 (explaining the definition of "small business" under 5 U.S.C. § 601(3)); *see* 5 U.S.C. § 601(4) (defining "small organization" as "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register"); 5 U.S.C. § 601(5) (defining "small governmental jurisdiction" as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and which are based on such factors as location in rural or sparsely populated areas or limited revenues due to the population of such jurisdiction, and publishes such definition(s) in the Federal Register").

[8] 5 U.S.C. § 601(3) (incorporating by reference the definition of "small business concern" in 15 U.S.C. § 632(a)(1)). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register." *Id.*

[9] *See* U.S. Census Bureau, *2017 NAICS Definitions, "515120 Television Broadcasting,"* https://www.naics.com/naics-code-description/?code=515120.

[10] *Id.*

small.[11] 2017 U.S. Census Bureau data indicate that 744 firms in this industry operated for the entire year.[12] Of that number, 657 firms had revenue of less than $25,000,000.[13] Based on this data we estimate that the majority of television broadcasters are small entities under the SBA small business size standard.

9. As of September 30, 2023, there were 1,377 licensed commercial television stations.[14] Of this total, 1,258 stations (or 91.4%) had revenues of $41.5 million or less in 2022, according to Commission staff review of the BIA Kelsey Inc. Media Access Pro Television Database (BIA) on October 4, 2023, and therefore these licensees qualify as small entities under the SBA definition. In addition, the Commission estimates as of September 30, 2023, there were 383 licensed noncommercial educational (NCE) television stations, 380 Class A TV stations, 1,889 LPTV stations and 3,127 TV translator stations.[15] The Commission, however, does not compile and otherwise does not have access to financial information for these television broadcast stations that would permit it to determine how many of these stations qualify as small entities under the SBA small business size standard. Nevertheless, given the SBA's large annual receipts threshold for this industry and the nature of these television station licensees, we presume that all of these entities qualify as small entities under the above SBA small business size standard.

10. *Radio Stations*. This industry is comprised of "establishments primarily engaged in broadcasting aural programs by radio to the public."[16] Programming may originate in their studio, from an affiliated network, or from external sources.[17] The SBA small business size standard for this industry classifies firms having $41.5 million or less in annual receipts as small.[18] U.S. Census Bureau data for 2017 show that 2,963 firms operated in this industry during that year.[19] Of this number, 1,879 firms operated with revenue of less than $25 million per year.[20] Based on this data and the SBA's small business size standard, we estimate a majority of such entities are small entities.

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[11] *See* 13 CFR § 121.201; NAICS Code 515120 (as of 10/1/22 NAICS Code 516120).

[12] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 515120, https://data.census.gov/cedsci/table?y=2017&n=515120&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[13] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[14] *Broadcast Station Totals as of September 30, 2023*, Public Notice, DA 23-921 (rel. Oct. 3, 2023) (*October 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-23-921A1.pdf.

[15] *Id*.

[16] U.S. Census Bureau, *2017 NAICS Definitions, "515112 Radio Stations,"* https://www.naics.com/naics-code-description/?code=515112.

[17] *Id.*

[18] *See* 13 CFR § 121.201; NAICS Code 515112 (as of 10/1/22 NAICS Code 516110).

[19] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 515112, https://data.census.gov/cedsci/table?y=2017&n=515112&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false. We note that the US Census Bureau withheld publication of the number of firms that operated for the entire year.

[20] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We note that the U.S. Census Bureau withheld publication of the number of firms that operated with sales/value of shipments/revenue in the individual categories for less than $100,000, and $100,000 to $249,999 to avoid disclosing data for individual companies (see Cell Notes for the sales/value of shipments/revenue in these categories). Therefore, the number of firms with revenue that meet the SBA size standard would be higher

(continued….)

11. The Commission estimates that as of September 30, 2023, there were 4,452 licensed commercial AM radio stations and 6,670 licensed commercial FM radio stations, for a combined total of 11,122 commercial radio stations.[21] Of this total, 11,120 stations (or 99.98 %) had revenues of $41.5 million or less in 2022, according to Commission staff review of the BIA Kelsey Inc. Media Access Pro Database (BIA) on October 4, 2023, and therefore these licensees qualify as small entities under the SBA definition. In addition, the Commission estimates that as of September 30, 2023, there were 4,263 licensed noncommercial (NCE) FM radio stations.[22] The Commission however does not compile, and otherwise does not have access to financial information for these radio stations that would permit it to determine how many of these stations qualify as small entities under the SBA small business size standard. Nevertheless, given the SBA's large annual receipts threshold for this industry and the nature of radio station licensees, we presume that all of these entities qualify as small entities under the above SBA small business size standard.

12. We note, however, that in assessing whether a business concern qualifies as "small" under the above definition, business (control) affiliations[23] must be included. Our estimate, therefore, likely overstates the number of small entities that might be affected by our action, because the revenue figure on which it is based does not include or aggregate revenues from affiliated companies. In addition, another element of the definition of "small business" requires that an entity not be dominant in its field of operation. We are unable at this time to define or quantify the criteria that would establish whether a specific radio or television broadcast station is dominant in its field of operation. Accordingly, the estimate of small businesses to which the rules may apply does not exclude any radio or television station from the definition of a small business on this basis and is therefore possibly over-inclusive. An additional element of the definition of "small business" is that the entity must be independently owned and operated. Because it is difficult to assess these criteria in the context of media entities, the estimate of small businesses to which the rules may apply does not exclude any radio or television station from the definition of a small business on this basis and similarly may be over-inclusive.

F. Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements

13. In this section, we identify the reporting, recordkeeping and other compliance requirements contained in the *Fourth Report and Order* and consider whether small entities are affected disproportionately by any such requirements. By this *Fourth Report and Order*, broadcasters are required to resume filing Form 395-B, which will be available to the public. The annual filing of Form 395-B will require employment units to upload the form onto the Commission's website. As recognized by the Office of Management and Budget (OMB), the Commission has estimated in the instructions to Form 395-B that the form's paperwork burden is minimal, taking each response, or form, approximately one hour to complete.[24] This estimate includes the time to read the instructions, look through existing records, gather and maintain the required data, and actually complete and review the form or response.[25] Because this *Fourth Report and Order* contains no new reporting or recordkeeping requirements, other than the option of filling in a comment box on a voluntary basis, and only resumes the filing of an existing form,

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that noted herein. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[21] *Broadcast Station Totals as of September 30, 2023*, Public Notice, DA 23-921 (rel. Oct. 3, 2023) (*October 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-23-921A1.pdf.

[22] *Id.*

[23] "[Business concerns] are affiliates of each other when one concern controls or has the power to control the other or a third party or parties controls or has the power to control both." 13 CFR § 21.103(a)(1).

[24] Form 395-B, the broadcast station Annual Employment Report (including the instructions), can be found at https://omb.report/icr/202004-3060-047/doc/100723701.

[25] *Id.*

the reporting, recordkeeping and other compliance requirements of small entities will be no greater than under the current rules. Additionally, broadcast employment units with less than five full-time employees are exempt from filing statistical data.[26] Because of this minimal reporting burden and due to the fact that smaller station employment units are exempt, we conclude that small entities will not be disproportionately affected by the *Fourth Report and Order*.

G. Steps Taken to Minimize Significant Economic Impact on Small Entities, and Significant Alternatives Considered

14. The RFA requires an agency to describe any significant alternatives that it has considered in reaching its proposed approach, which may include the following four alternatives (among others): (1) the establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance or reporting requirements under the rule for small entities; (3) the use of performance, rather than design, standards; and (4) an exemption from coverage of the rule, or any part thereof, for small entities.[27]

15. This *Fourth Report and Order* reinstates the collection of broadcaster employment data on Form 395-B. Collection of the Form 395-B was suspended in 2001 following two decisions by the U.S. Court of Appeals for the District of Columbia Circuit (D.C. Circuit) vacating certain aspects of the Commission's equal employment opportunity rules.[28] This suspension had no relation to the impact of the collection on small entities. As noted above, the filing requirement of Form 395-B importantly does not apply to broadcast employment units with less than five full-time employees, thereby exempting a large group of smaller entities from the filing requirements.[29] The *Fourth Report and Order* only leads to a resumption of data collection efforts and imposes no new requirements for which the Commission can find alternatives that would minimize the economic burden on small entities.

H. Report to Congress

16. The Commission will send a copy of the *Fourth Report and Order*, including this FRFA, in a report to be sent to Congress pursuant to the Congressional Review Act.[30] In addition, the Commission will send a copy of the *Fourth Report and Order*, including this FRFA, to the Chief Counsel for Advocacy of the SBA. A copy of the *Fourth Report and Order* and FRFA (or summaries thereof) will also be published in the Federal Register.[31]

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[26] 47 CFR § 73.3612.

[27] *See* 5 U.S.C. § 603(c).

[28] *See Suspension Order*, 16 FCC Rcd at 2872. At that time, the Commission suspended collection of workforce data from both MVPDs and broadcasters; however, the relevant D.C. Circuit opinions discussed above involved EEO requirements pertaining only to broadcasters.

[29] 47 CFR § 73.3612.

[30] *See* 5 U.S.C. § 801(a)(1)(A).

[31] *See* 5 U.S.C. § 604(b).

APPENDIX D

Initial Regulatory Flexibility Act Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA),[1] the Commission has prepared this Initial Regulatory Flexibility Analysis (IRFA) concerning the possible significant economic impact on small entities of the policies and rules proposed in this Second Further Notice of Proposed Rulemaking (*Second FNPRM*). The Commission requests written public comments on this IRFA. Comments must be identified as responses to the IRFA and must be filed by the deadlines for comments specified in the *Second FNPRM*. The Commission will send a copy of the *Second FNPRM*, including this IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA).[2] In addition, the *Second FNPRM* and IRFA (or summaries thereof) will be published in the Federal Register.[3]

I. Need for, and Objectives of, the Proposed Rules

2. The *Second FNPRM* seeks to refresh the record regarding the Commission's annual collection of broadcaster multichannel video programming distributor (MVPD) composition data by race and gender on FCC Form 395-A.[4] In 2001, the Commission suspended the filing of Form 395-A after a federal court decision vacated certain aspects of the Commission's equal employment opportunity (EEO) requirements for broadcasters.[5] Although the similar requirements for MVPDs have never been challenged, the Commission suspended the collection of both the broadcasters' Form 395-B and the MVPDs' Form 395-A, along with various EEO requirements, in order to analyze the impact of the federal court decision. In 2004, the Commission reinstated Forms 395-A and B pending resolution of questions about confidential collection and use of the forms' data. Today, having resolved the issues related to the confidentiality of the Form 395-B data in the *Fourth Report and Order*, the Commission now seeks public comment on the legal issues pertaining to availability and confidentiality of Form 395-A data.

3. Consistent with the decision in the *Fourth Report and Order* above to make Form 395-B data public, the Commission tentatively concludes in the *Second FNPRM* that the collection of Form 395-A should also be reinstated in the same manner as it was previously with regard to public availability. The Communications Act requires an MVPD to make its Form 395-A available for public inspection at the MVPD's central office and at every office where five or more full-time employees are regularly assigned to work.[6] The Commission has traditionally treated Form 395-A and B data in the same manner with regard to confidentiality. Consequently, the *Second FNPRM* seeks comment on whether instead of (or in addition to) maintaining the Form 395-A at a MVPD's central office, the form should now be maintained on the Commission's website similar to the requirement now established in the *Fourth Report and Order* for broadcasters' Form 395-B. Other than a proposal to include a mechanism in the Form 395-A that would enable MVPDs to account for those employees who identify as gender non-binary, the proposed reinstatement of this collection does not change the form's reporting requirements. We predict

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[1] 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612, has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996). The SBREFA was enacted as Title II of the Contract with America Advancement Act of 1996 (CWAAA).

[2] 5 U.S.C. § 603(a).

[3] *Id.*

[4] Form 395-A, the MVPD station Annual Employment Report, can be found at https://omb.report/icr/202301-3060-020/doc/128149601.

[5] *See Suspension Order*, 16 FCC Rcd at 2872. In this order, the Commission suspended the equal employment opportunity outreach program requirements applicable to broadcast licensees and MVPDs, which included the requirement that broadcasters and MVPDs file a Form 395-B and 395-A, respectively, with the Commission on an annual basis.

[6] 47 U.S.C. § 554(d)(3)(B).

that inclusion of this mechanism, which would allow for accurate data gathering, would incur only a minimal economic impact on a substantial number of small entities.

J. Legal Basis

4. The proposed action is authorized under sections 1, 2(a), 4(i), 4(j), 4(k), 303, 403, and 634(d) of the Communications Act of 1934, as amended 47 U.S.C. §§ 151, 152(a), 154(i), 154(k), 303, 403, and 554(d).

K. Description and Estimate of the Number of Small Entities to Which the Proposed Rules Will Apply

5. The RFA directs agencies to provide a description of, and where feasible, an estimate of the number of small entities that may be affected by the proposed revisions, if adopted.[7] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction."[8] In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act (SBA).[9] A small business concern is one which: (1) is independently owned and operated; (2) is not dominant in its field of operations; and (3) satisfies any additional criteria established by the SBA.[10] Below, we provide a description of such small entities, as well as an estimate of the number of such small entities, where feasible.

6. Cable Companies and Systems (Rate Regulation). The Commission has developed its own small business size standard for the purpose of cable rate regulation. Under the Commission's rules, a "small cable company" is one serving 400,000 or fewer subscribers nationwide.[11] Based on industry data, there are about 420 cable companies in the U.S.12 Of these, only seven have more than 400,000 subscribers.[13] In addition, under the Commission's rules, a "small system" is a cable system serving 15,000 or fewer subscribers.[14] Based on industry data, there are about 4,139 cable systems (headends) in

[7] 5 U.S.C. § 603(b)(3).

[8] 5 U.S.C. § 601(6); *see infra* note 9 (explaining the definition of "small business" under 5 U.S.C. § 601(3)); *see* 5 U.S.C. § 601(4) (defining "small organization" as "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register"); 5 U.S.C. § 601(5) (defining "small governmental jurisdiction" as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and which are based on such factors as location in rural or sparsely populated areas or limited revenues due to the population of such jurisdiction, and publishes such definition(s) in the Federal Register").

[9] 5 U.S.C. § 601(3) (incorporating by reference the definition of "small business concern" in 15 U.S.C. § 632(a)(1)). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register." *Id*.

[10] 15 U.S.C. § 632(a)(1)-(2)(A).

[11] 47 CFR § 76.901(d).

[12] S&P Global Market Intelligence, S&P Capital IQ Pro, U.S. MediaCensus, *Operator Subscribers by Geography* (last visited May 26, 2022).

[13] S&P Global Market Intelligence, S&P Capital IQ Pro, *Top Cable MSOs 12/21Q* (last visited May 26, 2022); S&P Global Market Intelligence, Multichannel Video Subscriptions, Top 10 (April 2022).

[14] 47 CFR § 76.901(c).

the U.S.[15] Of these, about 639 have more than 15,000 subscribers.[16] Accordingly, the Commission estimates that the majority of cable companies and cable systems are small.

7. Cable System Operators (Telecom Act Standard). The Communications Act of 1934, as amended, contains a size standard for a "small cable operator," which is "a cable operator that, directly or through an affiliate, serves in the aggregate fewer than one percent of all subscribers in the United States and is not affiliated with any entity or entities whose gross annual revenues in the aggregate exceed $250,000,000."[17] For purposes of the Telecom Act Standard, the Commission determined that a cable system operator that serves fewer than 498,000 subscribers, either directly or through affiliates, will meet the definition of a small cable operator.[18] Based on industry data, only six cable system operators have more than 498,000 subscribers.[19] Accordingly, the Commission estimates that the majority of cable system operators are small under this size standard. We note however, that the Commission neither requests nor collects information on whether cable system operators are affiliated with entities whose gross annual revenues exceed $250 million.[20] Therefore, we are unable at this time to estimate with greater precision the number of cable system operators that would qualify as small cable operators under the definition in the Communications Act.

8. Open Video Systems. The open video system (OVS) framework was established in 1996 and is one of four statutorily recognized options for the provision of video programming services by local exchange carriers. The OVS framework provides opportunities for the distribution of video programming other than through cable systems. OVS operators provide subscription services and therefore fall within the SBA small business size standard for the cable services industry, which is "Wired Telecommunications Carriers."[21] The SBA small business size standard for this industry classifies firms having 1,500 or fewer employees as small.[22] U.S. Census Bureau data for 2017 show that there were 3,054 firms in this industry that operated for the entire year.[23] Of this total, 2,964 firms operated with fewer than 250 employees.[24] Thus, under the SBA size standard the majority of firms in this industry can be considered small. Additionally, we note that the Commission has certified some OVS operators who

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[15] S&P Global Market Intelligence, S&P Capital IQ Pro, U.S. MediaCensus, *Operator Subscribers by Geography* (last visited May 26, 2022).

[16] S&P Global Market Intelligence, S&P Capital IQ Pro, *Top Cable MSOs 12/21Q* (last visited May 26, 2022).

[17] 47 U.S.C. § 543(m)(2).

[18] *FCC Announces Updated Subscriber Threshold for the Definition of Small Cable Operator*, Public Notice, DA 23-906 (MB 2023) (*2023 Subscriber Threshold PN*). In this Public Notice, the Commission determined that there were approximately 49.8 million cable subscribers in the United States at that time using the most reliable source publicly available. *Id*. This threshold will remain in effect until the Commission issues a superseding Public Notice. *See* 47 CFR § 76.901(e)(1).

[19] S&P Global Market Intelligence, S&P Capital IQ Pro, *Top Cable MSOs 06/23Q* (last visited Sept. 27, 2023); S&P Global Market Intelligence, Multichannel Video Subscriptions, Top 10 (April 2022).

[20] The Commission does receive such information on a case-by-case basis if a cable operator appeals a local franchise authority's finding that the operator does not qualify as a small cable operator pursuant to § 76.901(e) of the Commission's rules. *See* 47 CFR § 76.910(b).

[21] *See* U.S. Census Bureau, *2017 NAICS Definition, "517311 Wired Telecommunications Carriers,"* https://www.census.gov/naics/?input=517311&year=2017&details=517311.

[22] *See* 13 CFR § 121.201, NAICS Code 517311 (as of 10/1/22, NAICS Code 517111).

[23] *See* U.S. Census Bureau, *2017 Economic Census of the United States, Selected Sectors: Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 517311, https://data.census.gov/cedsci/table?y=2017&n=517311&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[24] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

are now providing service and broadband service providers (BSPs) are currently the only significant holders of OVS certifications or local OVS franchises. The Commission does not have financial or employment information for the entities authorized to provide OVS however, the Commission believes some of the OVS operators may qualify as small entities.

9. Satellite Master Antenna Television (SMATV) Systems, also known as Private Cable Operators (PCOs). SMATV systems or PCOs are video distribution facilities that use closed transmission paths without using any public right-of-way. They acquire video programming and distribute it via terrestrial wiring in urban and suburban multiple dwelling units such as apartments and condominiums, and commercial multiple tenant units such as hotels and office buildings. SMATV systems or PCOs are included in the Wired Telecommunications Carriers' industry which includes wireline telecommunications businesses.[25] The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small.[26] U.S. Census Bureau data for 2017 show that there were 3,054 firms in this industry that operated for the entire year.[27] Of this total, 2,964 firms operated with fewer than 250 employees.[28] Thus under the SBA size standard, the majority of firms in this industry can be considered small.

10. Direct Broadcast Satellite (DBS) Service. DBS service is a nationally distributed subscription service that delivers video and audio programming via satellite to a small parabolic "dish" antenna at the subscriber's location. DBS is included in the Wired Telecommunications Carriers industry which comprises establishments primarily engaged in operating and/or providing access to transmission facilities and infrastructure that they own and/or lease for the transmission of voice, data, text, sound, and video using wired telecommunications networks.[29] Transmission facilities may be based on a single technology or combination of technologies.[30] Establishments in this industry use the wired telecommunications network facilities that they operate to provide a variety of services, such as wired telephony services, including VoIP services, wired (cable) audio and video programming distribution; and wired broadband internet services.[31] By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry.[32]

11. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small.[33] U.S. Census Bureau data for 2017 show that 3,054

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[25] *See* U.S. Census Bureau, *2017 NAICS Definition, "517311 Wired Telecommunications Carriers,"* https://www.census.gov/naics/?input=517311&year=2017&details=517311.

[26] *See* 13 CFR § 121.201, NAICS Code 517311 (as of 10/1/22, NAICS Code 517111).

[27] *See* U.S. Census Bureau, *2017 Economic Census of the United States, Selected Sectors: Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 517311, https://data.census.gov/cedsci/table?y=2017&n=517311&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[28] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

[29] *See* U.S. Census Bureau, *2017 NAICS Definition, "517311 Wired Telecommunications Carriers,"* https://www.census.gov/naics/?input=517311&year=2017&details=517311.

[30] *Id.*

[31] *See id*. Included in this industry are: broadband Internet service providers (*e.g.*, cable, DSL); local telephone carriers (wired); cable television distribution services; long-distance telephone carriers (wired); closed-circuit television (CCTV) services; VoIP service providers, using own operated wired telecommunications infrastructure; direct-to-home satellite system (DTH) services; telecommunications carriers (wired); satellite television distribution systems; and multichannel multipoint distribution services (MMDS).

[32] *Id*.

[33] *See* 13 CFR § 121.201, NAICS Code 517311 (as of 10/1/22, NAICS Code 517111).

firms operated in this industry for the entire year.[34] Of this number, 2,964 firms operated with fewer than 250 employees.[35] Based on this data, the majority of firms in this industry can be considered small under the SBA small business size standard. According to Commission data however, only two entities provide DBS service - DIRECTV (owned by AT&T) and DISH Network, which require a great deal of capital for operation.[36] DIRECTV and DISH Network both exceed the SBA size standard for classification as a small business. Therefore, we must conclude based on internally developed Commission data, in general DBS service is provided only by large firms.

L. Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements

12. In this section, we identify the reporting, recordkeeping, and other compliance requirements contained in the Second FNPRM and consider whether small entities are affected disproportionately by any such requirements. To a large degree, the Second FNPRM only seeks to reinstitute the previous reporting, recordkeeping, or compliance requirements for collection of MVPD workforce composition data on Form 395-A, as this collection was previously suspended in 2001. The Second FNPRM, does, however, seek comment on whether to replace the existing requirement that a MVPD maintain a copy of the Form 395-A at its central office with a requirement that a MVPD instead upload a copy of its Form 395-A to the Commission's website. Alternatively, if the statute were read to compel availability of Form 395-A at MVPD offices, the Second FNPRM seeks comment on whether it is within our authority and consistent with sound policy to additionally require availability through the OPIF. So as to harmonize the MVPD requirements with those imposed on broadcasters, the Second FNPRM also seeks comment on whether to modify the Commission's rules so as to include a statement that the Commission will not use the Form 395-A data when assessing compliance with both the nondiscrimination and EEO requirements of its rules. Currently, the prohibition contained in the Commission's rules only references a restriction on the use of the Form 395-A data for assessing compliance with the EEO rules. Because the only proposed modification in the Second FNPRM with regard to reporting or recordkeeping obligations is merely a change in the location of where the Form 395-A will be housed (i.e., on the Commission's website rather than (or in addition to) the MVPDs' central office), we do not anticipate a significant change in the compliance burden for small entities. Additionally, MVPD employment units with less than six full-time employees are exempt from filing the statistical data requested on the form.[37] Hence, the Commission concludes that small entities will not be disproportionately affected by the *Second FNPRM*.

M. Steps Taken to Minimize Significant Economic Impact on Small Entities, and Significant Alternatives Considered

13. The RFA requires an agency to describe any significant alternatives that it has considered in reaching its proposed approach, which may include the following four alternatives (among others): (1) the establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance or reporting requirements under the rule for small entities; (3) the use of performance, rather

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[34] *See* U.S. Census Bureau, *2017 Economic Census of the United States, Selected Sectors: Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 517311, https://data.census.gov/cedsci/table?y=2017&n=517311&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[35] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

[36] *See Annual Assessment of the Status of Competition in the Market for the Delivery of Video Programming, Eighteenth Report,* Table III.A.5*,* 32 FCC Rcd 568, 595 (2017).

[37] 47 U.S.C. § 554(d).

than design, standards; and (4) an exemption from coverage of the rule, or any part thereof, for small entities.[38]

14. The Second FNPRM seeks to refresh the record regarding the Commission's annual collection of MVPD workforce composition data by race and gender on Form 395-A. It would lead to a resumption of this data collection and would propose only to modify one of the locations where the Form 395-A should be retained, by seeking comment on whether an MVPD should retain a copy on the Commission's website in lieu of (or in addition to) at the MVPDs' central office. To the extent MVPDs were maintaining hard copies of the Form 395-A at their central offices, we anticipate that storing an electronic copy on the Commission's website will minimize the economic burdens on MVPDs. Where maintenance of a hard copy necessitates the use of MVPD staff time to monitor public access to the Form 395-A, retention of an electronic copy on the Commission's website presents itself as a simple and straightforward process, requiring only a minimal degree of navigating the Commission's database system to upload the information. Further, as detailed in the Second FNPRM, the collection of MVPD workforce composition data and providing the data for public inspection are required by section 634(d) of the Act.[39]

N. Federal Rules that May Duplicate, Overlap, or Conflict with the Second FNPRM

15. None.

[38] *See* 5 U.S.C. § 603(c).

[39] 47 U.S.C. § 554(d).

APPENDIX E

Final Regulatory Flexibility Certification Analysis

1. For the reasons described below, we now certify that the policies and rules adopted in the Order on Reconsideration will not have a significant economic impact on a substantial number of small entities. The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction." In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act.[1] A "small business concern" is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[2]

2. In this Order on Reconsideration, we make certain changes to the language of section 73.3612 to clarify our collection and use of Form 395-B data. We add language to the rule confirming that the collection of Form 395-B data, and restrictions on the use of the data, also applies to broadcast permittees. The Order on Reconsideration adds an explicit statement to its rules that it will not use Form 395-B data to assess compliance with both the equal employment opportunity requirements and nondiscrimination requirements of section 73.2080. We find that this statement is consistent with our statements in the Fourth Report and Order and other previous statements made by the Commission over the past two decades.

3. The changes from the Order on Reconsideration will not have a significant economic impact on a substantial number of small entities because such changes do not alter the type or extent of information collected under Form 395-B. Rather, the Order on Reconsideration does nothing more than memorialize in another form a prohibition that the Commission has had in place for more than 20 years. Therefore, we certify that the changes provided in the Order on Reconsideration will not have a significant economic impact on a substantial number of small entities. The Commission will send a copy of this Order on Reconsideration, including a copy of this Final Regulatory Flexibility Certification, in a report to Congress and the Government Accountability Office pursuant to the Small Business Regulatory Fairness Act of 1996.[3]

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[1] 5 U.S.C. § 601(6); *see infra* note 2 (explaining the definition of "small business" under 5 U.S.C. § 601(3)); *see* 5 U.S.C. § 601(4) (defining "small organization" as "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register"); 5 U.S.C. § 601(5) (defining "small governmental jurisdiction" as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand, unless an agency establishes, after opportunity for public comment, one or more definitions of such term which are appropriate to the activities of the agency and which are based on such factors as location in rural or sparsely populated areas or limited revenues due to the population of such jurisdiction, and publishes such definition(s) in the Federal Register").

[2] 5 U.S.C. § 601(3) (incorporating by reference the definition of "small business concern" in 15 U.S.C. § 632(a)(1)). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register." *Id.*

[3] *See* 5 U.S.C. § 801(a)(1)(A).

DISSENTING STATEMENT OF COMMISSIONER BRENDAN CARR

Re: *Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies*; Fourth Report and Order, Order on Reconsideration, and Second Further Notice of Proposed Rulemaking; MB Docket No. 98-204.

Today's FCC Order takes two separate actions.

First, it reinstates the federal requirement that broadcasters file a document (known as Form 395-B) every year with the FCC that lists the race and gender of their employees. I would have had no objection here to an FCC decision limited to requiring broadcasters to file Form 395-B data with the agency—after all, Congress passed a statute that directs the FCC to collect this information.[1] The FCC could also have made this data available on an anonymized or otherwise aggregated basis that does not disclose information about specific broadcast stations. Indeed, the Civil Rights Act of 1964 expressly requires that the government keep this type of race and gender data confidential when it is collected by the Equal Opportunity Employment Commission.[2] But instead of confining today's decision to lawful agency action, the FCC chooses a different course—one that violates the Constitution, as the D.C. Circuit has already determined in not one but two separate FCC cases.

In particular, in the second part of today's Order, the FCC decides that it will take the Form 395-B demographic data and publish it on a station-by-station basis—meaning that the FCC will now post a race and gender scorecard for each and every TV and radio broadcast station in the country.[3] In doing so, the FCC caves to the demands of activist groups that have worked for years and across different industries to persuade the federal government to obtain—and most importantly publish—this type of data about individual businesses. This is no benign disclosure regime. The record makes clear that the FCC is choosing to publish these scorecard for one and only one reason: to ensure that individual businesses are targeted and pressured into making decisions based on race and gender. This is the exact same type of pressure that the FCC created in at least two prior cases. In both instances, the D.C. Circuit invalided the FCC's rules because they violated the equal protection guarantees of the Due Process Clause of the Fifth Amendment.[4] The only difference this time around is that the FCC has violated the First Amendment as well.

In the Further Notice portion of today's decision, the FCC proposes to extend this same approach to additional industries.

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Let's start with the FCC's record of encouraging this type of discrimination. In *Lutheran Church*, the D.C. Circuit reviewed an earlier FCC effort to use Form 395-B (the same form that is at issue in

[1] *See* 47 U.S.C. § 334. Notably, however, federal law prohibits the FCC from making any changes to Form 395-B unless those changes are "nonsubstantive technical or clerical revisions," *id.* at 334(c). Nonetheless, the FCC adds an entirely new category of "gender non-binary" to Form 395-B today. In doing so, the FCC makes no argument that adding this box constitutes a lawful addition that is either a nonsubstantive technical or clerical revision.

[2] Civil Rights Act of 1964, Pub. L. No. 88-352, 78 Stat. 241, 264, § 709(e) (1964); *see also* 42 U.S.C. § 2000e-8(e).

[3] The only exception is for stations with four or fewer full-time employees.

[4] *Lutheran Church-Missouri Synod v. FCC*, 141 F.3d 344 (D.C. Cir. 1988); *MD/DC/DE Broadcasters Ass'n v. FCC*, 236 F.3d 13 (D.C. Cir. 2001); *see also Adarand Constructors Inc. v. Pena*, 515 U.S. 200 (1995) (overruling *Metro Broadcasting, Inc., v. FCC*, 497 U.S. 547 (1990)).

today's decision) as part of a set of agency regulations aimed at influencing broadcasters' hiring practices. As with today's new rules, those FCC regulations did not expressly require broadcasters to hire employees in accordance with fixed quotas.[5] Instead, those earlier FCC rules required broadcasters to compare the composition of their workforce with the availability of minorities and women in its area. On review, the D.C. Circuit found that those rules would operate, in the real world, in a manner that would "oblige stations to grant some degree of preference to minorities in hiring."[6] In particular, the court found that the FCC's approach of mandating the comparison of employees with the general population across race and gender categories operated to "pressure license holders to engage in race-conscious hiring."[7] The D.C. Circuit concluded that the FCC violated the Constitution because its "regulations pressure stations to maintain a workforce that mirrors the racial breakdown of their [area]."[8]

After that appellate court loss, the FCC suspended the relevant regulations and sought comment on a set of replacement rules. Those substitute rules required broadcasters to report the race and sex of each job applicant. The FCC made clear that if the data collected did not demonstrate that a broadcaster's outreach efforts were reaching the entire community, then the FCC expected the broadcaster to modify those efforts and in some cases face an FCC investigation. On appeal, the FCC once again claimed that its regime did not impose any undue pressure on broadcasters to discriminate on the basis of race or gender and only sought to encourage broad outreach on a race- and gender-neutral basis. Focusing on how the rules would operate in the real world, the D.C. Circuit disagreed and struck them down in *MD/DC/DE Broadcasters Association*.[9] The court found that the regulations did more than encourage broad outreach—they made clear that "the agency with life and death power over the licensee is interested in results, not process, and it is determined to get them."[10] The FCC's approach "clearly does create pressure to focus recruiting efforts upon women and minorities" in violation of the Fifth Amendment, the court determined.[11] Ultimately, the court held that those FCC rules created "a race-based classification that is not narrowly tailored to support a compelling governmental interest and is therefore unconstitutional."[12]

The FCC's history of unconstitutional conduct is not a trivial matter. The Supreme Court has stated that "'[d]istinctions between citizens solely because of their ancestry are by their very nature odious to a free people whose institutions are founded upon the doctrine of equality.'"[13] Likewise, the Supreme Court has written that racial classifications "threaten to stigmatize individuals by reason of their membership in a racial group and to incite racial hostility."[14] For this reason, the Supreme Court has said, "governmental action based on race—a *group* classification long recognized as in most circumstances irrelevant and therefore prohibited—should be subjected to detailed judicial inquiry to ensure that the *personal* right to equal protection of the laws has not been infringed."[15]

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[5] *Lutheran Church*, 141 F.3d at 351.

[6] *Lutheran Church*, 141 F.3d at 351.

[7] *Lutheran Church*, 141 F.3d at 352.

[8] *Lutheran Church*, 141 F.3d at 352.

[9] *MD/DC/DE Broadcasters Ass'n*, 236 F.3d at 13.

[10] *MD/DC/DE Broadcasters Ass'n*, 236 F.3d at 19.

[11] *MD/DC/DE Broadcasters Ass'n*, 236 F.3d at 19.

[12] *MD/DC/DE Broadcasters Ass'n*, 236 F.3d at 15.

[13] *Rice v. Cayetano*, 528 U.S. 495, 517 (2000) (quoting *Hirabayashi v. United States*, 320 U.S. 81, 100 (1943)).

[14] *Shaw v. Reno*, 509 U.S. 630, 643 (1993).

[15] *Adarand*, 515 U.S. at 227 (cleaned up).

Today, for at least the third time now, the FCC once again seeks to pressure broadcasters into making hiring decisions on the basis of race and gender. It does so, as noted above, by requiring broadcasters to publicly disclose, on a station by station basis, a scorecard that lists the racial and gender breakdown of every employee.

As a threshold matter, the FCC argues that its decision merely adopts a disclosure regime and involves no pressure at all on broadcasters to engage in race- or gender-based discrimination. But this argument ignores both the Commission's own history with Form 395-B and the rulemaking record here. Indeed, the FCC Order goes so far as to assert that, "[b]ased on the record before us, we find no basis to conclude that the demographic data on a station's annual Form 395-B filing would lead to undue public pressure."[16]

To the contrary, the record is overflowing with this type of evidence. For instance, one filer states: "We, the undersigned investors, with collective assets under management or advisement of approximately $266 billion, write to urge the . . . [FCC] to require the disclosure of equal opportunity employment statistics among the companies it regulates" because doing so "allows market participants to assess whether companies stand by their public commitments to pursue diversity, equity and inclusion."[17] You don't have to read between the lines on that one. Or, as the D.C. Circuit stated in *Lutheran Church* when it struck down one of the FCC's prior attempts at imposing unconstitutional pressure on broadcasters: "The risk lies not only in attracting the Commission's attention, but also that of third parties."[18] Like those investors, other organizations wrote that publicizing this data would be consistent with President Biden's Executive Order on Advancing Racial Equity and "allow the public to hold these companies accountable."[19] Other commenters made similar points. So the FCC's ostrich-like claim that the record is devoid of any evidence that this public scorecard will be used to pressure broadcasters into making race- and gender-based hiring decisions does not withstand even casual scrutiny; indeed, it only raises additional questions under the law.[20]

But even if the record were more opaque, the FCC would still not be in the clear. As the D.C. Circuit stated in *MD/DC/DE Broadcasters Association*, a "regulatory agency may be able to put pressure upon a regulated firm in a number of ways, some more subtle than others. The Commission in particular has a long history of employing: [']a variety of *sub silentio* pressures and 'raised eyebrow' regulation . . . all serv[ing] as means for communicating official pressures to the licensee.'"[21] So too here. It is obvious to everyone what is going on—or it should be. By requiring the public disclosure of these race and gender scorecards, the FCC is ensuring that broadcast stations will be targeted by activist groups, media campaigns, and conceivably the government itself—unless those broadcasters hire the right (if

[16] Order at para. 17; *see also id.* ("the record contains no evidence of use of such data in this manner").

[17] Letter from Investors to FCC Chairwoman Jessica Rosenworcel, MB Docket Nos. 19-177, 98-204 (Nov. 16, 2022).

[18] *Lutheran Church*, 141 F.3d at 353.

[19] Letter from The Leadership Conference on Civil and Human Rights to FCC Chairwoman Jessica Rosenworcel, MB Docket Nos. 19-177, 98-204 (Sept. 29, 2022).

[20] 5 U.S.C. § 706; *see also Motor Vehicle Mfrs. Assn. v. State Farm Mut. Automobile Ins. Co*., 463 U.S. 29, 42-44 (1983) (noting that agencies have an APA obligation to make reasoned decisions that account for record-based evidence).

[21] *MC/DC/DE Broadcasters Ass'n*, 236 F.3d at 19 (quoting *Community-Service Broadcasting of Mid-America, Inc. v. FCC*, 593 F.2d 1102, 1116 (D.C. Cir. 1978)).

unspecified) mix and type of employees.[22] In other words, the FCC is standing up the same type of race- and gender-based pressure campaign that the D.C. Circuit invalidated twice before. It is just doing so in a more roundabout way. But the bank shot still counts.[23] Particularly given the FCC's long history here, broadcasters know the message the FCC is delivering and the results it wants to see. In cases like these, "we are 'not required to exhibit a naiveté from which ordinary citizens are free.'"[24]

This conclusion is only reinforced when one examines the reasons the FCC proffers for requiring the public disclosure of these scorecards—rather than making the data available on an anonymized or non-station-identifiable basis. It is quite obvious that the FCC's stated rationales are nothing more than pretext. And none of them establish a government interest sufficient to survive Fifth Amendment review. Let's go through all three of them.

First, the FCC argues that it is requiring these scorecards to be publicly disclosed because doing so "will increase the likelihood that erroneous data will be discovered and corrected."[25] But there is no record support at all for the agency's claim that publicizing this data will render it more reliable. This is not surprising. After all, how exactly does the FCC anticipate that a member of the public will verify the reported race, ethnicity, and gender of an individual employee—including those that the FCC now says can report as gender non-binary? It doesn't. And, in any event, I don't think the FCC should be encouraging the public to engage in that type of conduct.

Second, the FCC argues that publicly disclosing the data is consistent with Congress's goal of maximizing the utility of data an agency collects.[26] But this argument proves too much. It says nothing at all about the propriety of disclosing this particular set of data on a station-specific basis in light of the FCC's history of pressuring broadcasters and the agency's own rulemaking record here, which counsels against public disclosure. Indeed, the FCC's normal practice is not to make all of the data it collects publicly available in the interest of maximizing utility; it makes decisions based on the facts and circumstances relevant to each data set.

Third, the FCC argues that by publicly disclosing all of the data about every covered broadcaster, rather than disclosing it on an anonymous or non-station-identifiable basis, the FCC avoids the problem of accidentally disclosing data about a specific station.[27] What? That is like deciding to sink a ship to

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[22] The FCC makes no claim in this Order—nor could it—that government officials from State AGs to Congress to the FCC itself in a future rulemaking proceeding will not use this data to take action against broadcasters for failing to meet some as-yet undefined hiring targets. This threat of potential future government action will naturally operate to pressure broadcasters today—pressure that is not materially different than the forms the D.C. Circuit addressed in *Lutheran Church* and *MC/DC/DE Broadcasters Association*.

[23] *See, e.g.*, *Students for Fair Admissions, Inc. v. President & Fellows of Harvard Coll.*, 600 U.S. 181, 230 (2023) (quoting *Cummings v. Missouri*, 71 U.S. (4 Wall.) 277, 325 (1866)) ("'[W]hat cannot be done directly cannot be done indirectly. The Constitution deals with substance, not shadows,' and the prohibition against racial discrimination is 'levelled at the thing, not the name.'"); *see also Norwood v. Harrison*, 413 U.S. 455, 465 (1973) (cleaned up) ("It is axiomatic that [the government] may not induce, encourage or promote private persons to accomplish what it is constitutionally forbidden to accomplish.").

[24] *Dep't of Commerce v. New York*, 139 S.Ct. 2551, 2575–76 (2019) (quoting *United States v. Stanchich*, 550 F.2d 1294, 1300 (2nd Cir. 1977) (Friendly, J.)).

[25] Order at para. 15.

[26] Order at para. 15 (citing The OPEN Government Data Act).

[27] Order at para. 15. The FCC also proffers an interest in potentially using the data to run unspecified analyses or for drafting yet-to-be-conceived reports. But that interest is not relevant to the question of posting the data publicly on a (continued….)

avoid the risk that it might spring a leak. It makes no sense, particularly in light of the fact that the FCC regularly obtains and refrains from inadvertently disclosing a large and wide range of secret, sensitive, and/or confidential data sets.

In other words, the only rationales the FCC offers for deciding to publicly disclose individual broadcasters' race and gender scorecards are pretextual. They only serve to confirm the FCC is acting for the same reasons it did in *Lutheran Church* and in *MD/DC/DE Broadcasters Association*—to pressure broadcasters into making race- and gender-based hiring decisions.

But the Fifth Amendment is not the only portion of the Constitution that the FCC violates today. For similar reasons, today's Order also runs afoul of the First Amendment. By requiring stations to publicly disclose their workforce composition, the Order compels speech on matters of race and gender. Compelled disclosures are typically subject to heightened First Amendment scrutiny. And the exception for disclosures of "purely factual and uncontroversial information"[28] plainly does not apply here because that exception is "limited to cases in which disclosure requirements are reasonably related to the State's interest in preventing deception of consumers."[29] The FCC has made no claim that the public disclosure of these scorecards bears any resemblance to consumer protection labels upheld under *Zauderer*.

The Order also flunks heightened First Amendment review, whether intermediate or strict scrutiny. As noted above, the three governmental interests the FCC asserts for publicizing this content ring hollow. They are either generic rationales applicable to any disclosure or unsupported in the record. No other justification can save the Order, for it disclaims a governmental interest in using the data for any other purpose, whether license renewal,[30] EEO compliance,[31] audits,[32] FCC enforcement,[33] or third-party filings.[34] Even if a valid governmental interest existed, disclosure would not be narrowly tailored. The Order provides no reason why publicizing race and gender data on a station-specific basis is necessary for the Commission to conduct analysis or stay abreast of industry trends, at least compared to a less restrictive alternative, like requiring broadcasters to submit the forms to the FCC on a confidential or non-station identifiable basis. In short, the disclosures do not accomplish cognizable governmental interests in a narrowly tailored manner.

We are thus left with one of two possibilities. At worst, the Order pretextually seeks to force broadcasters into making race- and gender-based hiring decisions, a constitutionally offensive rationale that cannot justify any rules. Or at best, Order pursues disclosure for disclosure's sake, which violates the First Amendment.[35]

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station-by-station basis because the FCC could pursue those interests while keeping the data confidential, anonymized, or aggregated.

[28] *Zauderer v. Office of Disciplinary Counsel*, 471 U.S. 626, 651 (1985).

[29] *R.J. Reynolds Tobacco Co. v. FDA*, 696 F.3d 1205, 1213 (D.C. Cir. 2012) (cleaned up).

[30] *See* Order at para. 7.

[31] *See* Order at para. 45.

[32] *See* Order at para. 18.

[33] *See* Order at para. 20.

[34] *See* Order at para. 17.

[35] *See, e.g.*, *National Institute of Family and Life Advocates v. Becerra*, 138 S. Ct. 2361, 2373 (2018) (invalidating abortion-related disclosures in medical facilities); *Nat'l Ass'n of Mfrs. v. SEC*, 800 F.3d 518, 524 (D.C. Cir. 2015) (invalidating conflict mineral disclosures); *Int'l Dairy Foods Ass'n v. Amestoy*, 92 F.3d 67, 74 (2d Cir. 1996)

(continued….)

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It did not have to be this way. As I conveyed to my Commission colleagues before casting my vote, I would have supported today's decision if it eliminated the public disclosure component and instead required broadcasters to complete and file Form 395-B with the FCC on a non-public or non-station-identifiable basis consistent with the way the Equal Employment Opportunity Commission treats this type of data. Narrowly tailoring what is made public would have avoided the FCC playing a part in pressuring broadcasters into making hiring decisions on the basis of race and gender in violation of the Fifth Amendment. And it would have sidestepped a compelled disclosure that runs afoul of the First Amendment. My suggestions were ultimately rejected, and we are now left with an item that runs headlong into the Constitution. I dissent.

(invalidating hormone labeling requirement for milk) ("[W]e hold that consumer curiosity alone is not a strong enough state interest to sustain the compulsion of even an accurate, factual statement.").

STATEMENT OF
COMMISSIONER GEOFFREY STARKS

Re: *In the Matter of Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies*, MB Docket No. 98-204, Fourth Report and Order, Order on Reconsideration, and Second Further Notice of Proposed Rulemaking

A '98 docket number. A fourth report and order. Today's item has a long history. Let me summarize briefly: in 1970, the FCC, under its public interest authority, began requiring broadcasters to submit annual employment reports listing the composition of their workforce in terms of race, ethnicity, and gender. In 1992, Congress amended the Communications Act to affirm the Commission's authority to do so, specifically requiring the Commission to maintain its existing EEO regulations, including its collection of workforce diversity data on Form 395-B. In 2001, following a pair of D.C. Circuit decisions, the Commission temporarily suspended its collection of Form 395-B data as it reconsidered its full suite of EEO rules. But an intended temporary suspension lasted more than 20 years.

Some might pretend that what we do today is a radical break outside of this agency's authority. It is not. Quite simply, today we reinstate a longstanding, statutorily-mandated requirement to collect workforce diversity data from broadcasters.

We know how critical it is to have diversity in our media organizations. It's clear – a successful media organization serves its viewers, listeners, and readers. And an organization does that by ensuring that its employees, its decisionmakers, reflect those viewers, listeners, and readers, and can speak for and to them.[1] Let me share an example that hits close to home. In December 2020, the Kansas City Star issued an apology, acknowledging that over decades through its news coverage the paper had "disenfranchised, ignored, and scorned generations of Black Kansas Citians" and "robbed an entire community of opportunity, dignity, justice and recognition." The paper explained: "Like most metro newspapers of the early to mid-20th century, The Star was a white newspaper produced by white reporters and editors for white readers and advertisers."[2] These poignant words capture the harm at issue here. Certainly, individual employees and candidates are harmed by a hostile work environment. But whole communities are harmed when they are subjected to content that lacks balance, fairness, or accuracy.

We must get our arms around this issue. As always with good government, we start with data. And data is most effective when it is available to everyone. The rules we reinstate today require broadcasters to file their workforce composition data publicly. This data will enable the Commission to monitor employment trends in the industry – as we know, a dynamic and fast-changing one – and report to Congress on its learnings. It will give researchers new workforce composition information to explore. And it will grant members of the public transparency – a window into their local broadcast station, not just as a programmer, but as an employer.

Ultimately, the strength of this item speaks for itself. But I am proud to have been a voice for it over the last five years. I'd like to thank the other voices who have joined with me. Thank you to

[1] *See generally* Alicia W. Stewart, "Why Newsroom Diversity Works," Nieman Reports (June 10, 2015), https://niemanreports.org/articles/why-newsroom-diversity-works/.

[2] Mike Fannin, "The Truth in Black and white: An apology from the Kansas City Star," The Kansas City Star (Dec. 20, 2020), https://www.kansascity.com/news/local/article247928045.html. Other papers, including the LA Times, have made similar public apologies. *See* "Editorial: An examination of The Times' failures on race, our apology and a path forward," Los Angeles Times (Sept. 27, 2020), https://www.latimes.com/opinion/story/2020-09-27/los-angeles-timesapology-racism.

Congresswoman Yvette Clarke and Senator Chris Van Hollen, who first raised the urgent need to restart the collection of workforce diversity data in 2019, and who spoke up again last month in a letter to the FCC to ensure we finished the job. Thank you to the Members of Congress who joined Rep. Clarke and Sen. Van Hollen in that letter, including Senators Ben Ray Luján and Raphael Warnock, Congressional Hispanic Caucus Chair Nanette Diaz Barragán, and Congressional Black Caucus Chair Steven Horsford, along with Reps. Delia C. Ramirez, Eleanor Holmes Norton, Kevin Mullin, André Carson, James P. McGovern, Dan Goldman, Paul D. Tonko, Darren Soto, Frederica S. Wilson, Jim Costa, Marc A. Veasey, Raul Ruiz, M.D., Al Green, Robin L. Kelly, Troy A. Carter, Sr., Alma S. Adams, Ph.D., Nydia M. Velázquez, Jerrold Nadler, Bonnie Watson Coleman, Tony Cárdenas, and Sheila Jackson Lee.

Thank you to Chairwoman Rosenworcel, for her support and attention to this proceeding, and to Commissioner Gomez. And I especially thank the FCC staff who worked diligently to prepare this item. From the Media Bureau: John Bat, James Elustondo, Rosemary Harold, Brendan Holland, Radhika Karmarkar, Jake Riehm, Julie Salovaara, and Chris Sova. From the Office of General Counsel: Susan Aaron, David Konczal, Joel Rabinovitz, and Jeff Steinberg. From the Enforcement Bureau: Elizabeth Goldin and Lynn Kalagian. And from the Office of Economics and Analytics: Zaira Gonzalez, Kenneth Lynch, Kim Markuch, and Andy Wise.

DISSENTING STATEMENT OF COMMISSIONER NATHAN SIMINGTON

Re: *Review of the Commission's Broadcast and Cable Equal Employment Opportunity Rules and Policies*, Fourth Report and Order, Order on Reconsideration, and Second Further Notice of Proposed Rulemaking; MB Docket No. 98-204

Broadcast has a problem with minority engagement; broadcasters and their trade associations are the first to acknowledge this unfortunate reality. Minority ownership and participation in broadcast has been dismal for years and remains so, not least of which due to Commission leadership's recent scuttling of the largest proposed minority-led purchase of a broadcast station group in history. The Commission should be open to creative solutions to help improve minority participation in broadcast so that broadcast workforces reflect the communities that they serve. So, directionally, I am aligned with my colleagues on efforts to improve minority participation by better understanding the causes of the issue, and by providing policy incentives to solve it.

Had the Commission's Order today moved to collect and aggregate de-identified Form 395-B data from broadcasters for public disclosure, I would have agreed with the majority and voted to approve. Had the Commission today moved to collect attributable Form 395-B data for private Commission review to aid in understanding the demographic contours of the broadcast marketplace and the impact of Commission policy thereon—more akin to the extant data collection practices of the Equal Employment Opportunity Commission—I would have agreed with the majority and voted to approve. I joined one of my colleagues on the Commission in asking for the Order to be reframed to accomplish either. Our suggested edits were rejected in favor of retaining the Order released today. I cannot approve this Order because I do not think it is within our authority to implement: its claims to public interest supporting the public disclosure of attributable 395-B data are specious and undergirded by glassy legal punctilios. Turning to authority: in both *Lutheran Church-Missouri Synod v. Federal Communications Commission* ('*Lutheran Church*') and *MD/DC/DE Broadcasters Associations vs. FCC* ('*MD/DC/DE*'), the central consideration of the D.C. Circuit in determining whether the Commission had violated the Fifth Amendment in its EEO policies was whether its practices, in fact, incentivized race-conscious hiring by *pressuring* a broadcast licensee to engage in such hiring. To the Commission's credit, the drafting of today's Order evinces sensitivity to this issue. It is true that, per this Order, the Commission will not *officially* consider a station's demographic employment profile in any application pertaining to its broadcast license. It is true that, per this Order, the Commission will not *mandate* any particular demographic pattern in hiring in order to satisfy the Commission's EEO requirements. Yet, like Frankenstein's creature, the Commission's reanimation of Form 395-B comes at the cost of its fundamental ungovernability, *viz*.: public disclosure of attributable demographic employment data. The ineluctable question therefore is: ought the Commission to anticipate that its rule requiring public disclosure of such data will *pressure* broadcast licensees to engage in race-conscious hiring practices? If so, is the policy not vulnerable to challenge on constitutional grounds?

My colleagues today argue, in effect if not explicitly, that pressure to engage in race-conscious hiring from *outside* of the Commission by third parties *predictably generated by means of Commission policy* is legally nugatory. The Order contends that, so long as broadcasters are not pressured by the Commission *itself,* pressure from third parties knowingly generated by an instrumentality of Commission policy lacks constitutional valence. Further, the Order contends that concerns over public pressure are merely speculative. I cannot say that I agree with any of that.

The public inarguably pressures every large firm for which employment data are available (and, indeed, even for those firms electing not to publicly disclose employment data) as it relates to "equity" in staffing decisions. Responsive to these issues, some larger broadcasters already raise their hands and elect to disclose demographic employment data. Yet a government policy mandating such disclosure, at a minimum, *implicates* Fifth Amendment guardrails around incentivizing race-conscious hiring practices,

precisely due to the widespread and predictable social pressure of which this Commission is, obviously, aware. While it may be true that contending with workforce demographics is a legitimate question of good corporate governance, it does not follow that a *government mandate* to disclose attributable demographic employment data automatically passes constitutional muster so long as the implementing agency takes no official notice of that data. If, predictably, regulatees are pressured to engage in race-conscious hiring as a direct consequence of this Commission's rules, I see no fine distinctions in the law as to the etiology of the pressure immunizing our decision today from constitutional scrutiny. Were the Order subject to strict scrutiny in judicial review—it is at least possible that it will be—I am not convinced that the "collect and disclose" rules we implement today would survive constitutional challenge. *Adarand Constructors, Inc. v. Peña* ('*Adarand*') and its progeny make it clear that the Commission *may* collect this data. Yet while demographic data collection *simpliciter* does not subject governmental action to strict scrutiny, bear in mind that today's Order is at pains to discuss the social ill at which collection and *disclosure* of attributable demographic employment data is intended to address: minority participation in the broadcast workforce. In other words, when the effective *goal* of demographic data collection and disclosure is to affect the hiring behavior of regulatees (that is, to improve minority participation in the broadcast workforce), and when the only obvious modality of improvement afforded by disclosure of *attributable* demographic employment data not otherwise afforded by disclosure *non-attributable* data is public pressure, may the Commission still seek shelter beneath *Adarand*?

Even if strict scrutiny were *not* to apply, there is no *requirement* that the Commission take a maximalist position as to disclosure. This Commission ought, as a *prudential* matter, to tread lightly where matters of suspect classification arguably are implicated. That is especially true where, as here, the rules we adopt today invite comparison to actions taken by the Commission twice invalidated on Fifth Amendment grounds.

Turning to policy: even were the Commission *not* constitutionally forbidden from taking the step of public disclosure of attributable demographic employment data that it does today, it should not *anyway,* because little or no new information appropriate for *national policy* consideration by this agency will be revealed by its implementation.

Obviously, policy should rely on data: governmental collection and use of statistical data—subject to a variety of scientific infirmities though it often is—is foundational to modern regulatory rulemaking and lawmaking. And, incontrovertibly, it is possible that the collection and use of demographic employment data can be used to aid in making rules and laws. Of greater controversy is whether public analysis of policy-implicated datasets generates good rules and laws—especially as there are many a slip twixt analytical cup and regulatory lip—but let us grant it for argument's sake. It is in no way obvious that, *for the purposes of crafting national policy*, which is inherently *macro*scopic, there is a great enough delta in the informational value to the public data science community of demographic employment data that is attributable to individual stations compared to data that is de-identified so as to justify the publication of the former when the former is so constitutionally fraught. So, as regards the publication of attributable demographic employment data: what policy good is left other than "name and shame" for station owners? What is left other than the fully predictable application of public pressure on individual licensees that this Order waves off as speculative? If the Commission's collection of this data were aimed merely at informing policy, why take the additional step of disclosure we take today? Because the public disclosure of attributable demographic employment data this Order implements predictably serves to increase pressure on broadcast licensees to engage in racially conscious hiring, in violation of the Fifth Amendment and as explained by the D.C. Circuit in both *Lutheran Church* and *MD/DC/DE*, and because I can find no other legitimate purpose for the publication of attributable demographic employment data, I dissent from the Order.

As to the Second Further Notice of Proposed Rulemaking, I see nothing that would vary my thinking as it relates to the collection and disclosure of Form 395-A data, and so I dissent from that portion of the item for identical reasons.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Brigido Danerys Gonzalez	)	File No.: EB-FIELDNER-22-00033952
Hazleton, Pennsylvania	)	NAL/Acct. No.: 202432010004
	)	FRN: 0034657023

NOTICE OF APPARENT LIABILITY FOR FORFEITURE

Adopted: February 13, 2024 **Released: February 14, 2024**

By the Commission:

I. INTRODUCTION

1. In this Notice of Apparent Liability for Forfeiture (NAL), we propose a penalty of $40,000 against Brigido Danerys Gonzalez (Gonzalez) for operating an unauthorized radio station on 90.1 MHz in Hazleton, Pennsylvania, by which Gonzalez apparently willfully and knowingly did or caused pirate radio broadcasting on March 28, 2023, and May 9, 2023, resulting in two days of apparent violations. Gonzalez engaged in the illicit operation of an unauthorized radio station known as "La Bakana." Operating an unauthorized, or pirate, radio station is illegal under the Communications Act of 1934, as amended (Communications Act or Act)[1] and undermines the primary mission of the Federal Communications Commission (FCC or Commission) to manage radio spectrum. Such illegal operations can interfere with licensed communications, including authorized broadcasts and communications by public safety entities. Moreover, such illegal operations pose a danger to the public because they interfere with licensed stations that inform their listeners of important public safety messages, including Emergency Alert System transmissions that provide vital information regarding weather events and other dangers to the public.

II. BACKGROUND

A. Legal Framework

2. On January 24, 2020, Congress passed the Preventing Illegal Radio Abuse Through Enforcement Act (PIRATE Act), which was subsequently codified as section 511 of the Communications Act.[2] Section 511 states that any person who willfully and knowingly does or causes or suffers to be done any pirate radio broadcasting shall be subject to a fine of not more than $2,000,000 and not more than $100,000 for each day during which such offense occurs.[3] Both of these figures are subject to annual

[1] 47 U.S.C. § 511.

[2] *Preventing Illegal Radio Abuse Through Enforcement Act*, Pub. L. 116-109, 134 Stat. 3 (2020) (codified at 47 U.S.C. § 511).

[3] 47 U.S.C. § 511(a)-(b). Prior to the passage of the PIRATE Act, the maximum monetary penalty for pirate radio transmissions was $151,005. *See* 47 CFR §1.80(b)(9)(ii) (2019); *see also Acerome Jean Charles*, Notice of Apparent Liability for Forfeiture, 34 FCC Rcd 12744 (2019) (proposing a penalty of $151,005), consent decree adopted, Order, 35 FCC Rcd 6878 (2020). In 2020, that maximum limit was increased to $2,000,000. *See* 47 U.S.C. § 511.

inflation adjustments.[4] Section 511 defines pirate radio broadcasting as "the transmission of communications on spectrum frequencies between 535 and 1705 kilohertz, inclusive, or 87.7 and 108 megahertz, inclusive, without a license issued by the Federal Communications Commission (Commission), but does not include unlicensed operations in compliance with part 15 of title 47, Code of Federal Regulations."[5] Part 15, among other requirements, states that unlicensed operators in the FM band must not transmit over a certain low-power limit.[6]

B. Factual Background

3. Gonzalez has been directly involved in the operation of a pirate radio station (Station) on 90.1 MHz in Hazleton, Pennsylvania, since at least May 9, 2022. The Station is known as "La Bakana," and Enforcement Bureau (Bureau) field agents (Agents) have confirmed that the Station has identified itself on-air as La Bakana since at least June 29, 2022.

4. The Bureau first became aware of Gonzalez's Station on May 9, 2022, based on a consumer complaint of a pirate radio station on 90.1 MHz in the Hazleton area. On June 29, 2022, Agents from the FCC's New York Field Office (New York Office), traced the source of radio transmissions on 90.1 MHz to 596 Alter Street, Hazleton, Pennsylvania (First Transmission Site). The Agents took field strength measurements of the Station's signal and determined that it exceeded the limits for operation under part 15 of the Commission's rules.[7] The Agents listened to and recorded the audio programming on 90.1 MHz and heard the Station identify itself as La Bakana. A review of Commission records revealed no authorization for any FM broadcast station to operate at or near the First Transmission Site on any frequency.

5. On July 12, 2022, Agents spoke with the owner of a supermarket located at the First Transmission Site who stated that he paid an individual who went by the name "Super Dany" approximately $50 per month to advertise on La Bakana. Based on information provided by the owner of the supermarket, Agents contacted the owner of the building at the First Transmission Site who stated that she was not aware of any pirate radio station transmitting from her building, but described "Super Dany" as a famous radio personality in Hazleton, Pennsylvania. On August 16, 2022, Agents from the New York Office further investigated La Bakana, and, using direction-finding techniques, traced the source of the signal on 90.1 MHz to 557 N. Locust Street, Hazleton, Pennsylvania (Second Transmission Site). The Agents again heard the station identified as La Bakana.

6. On March 28 and May 9, 2023, Agents from the New York Office monitored the frequency 90.1 MHz in Hazleton, Pennsylvania, and, using direction-finding techniques, traced the source of the signal to 668 Alter Street, Hazleton, Pennsylvania (Third Transmission Site). On both days, Agents took field strength measurements of the Station's signal and determined that it exceeded the limits for operation under part 15 of the Commission's Rules.[8] The Agents, on both days, listened to and recorded the audio programming on 90.1 MHz. On the recording from March 28, 2023, the Station

[4] *See* 47 CFR § 1.80(b)(6) (setting the current inflation adjusted statutory maximum for a violation of 47 U.S.C. § 511(a) at $2,391,097 and 47 U.S.C. § 511(b) at $119,555); *Amendment of Section 1.80(b) of the Commission's Rules, Adjustment of Civil Monetary Penalties to Reflect Inflation*, Order, DA 23-1198, 2023 WL 8889597 (EB Dec. 22, 2023); *see also* Annual Adjustment of Civil Monetary Penalties to Reflect Inflation, 89 Fed. Reg. 2148 (Jan. 12, 2024) (setting Jan. 15, 2024 as the effective date for the increases).

[5] 47 U.S.C. § 511(h).

[6] 47 CFR § 15.239(b) (stating that the field strength of any emissions in the 88-108 MHz band shall not exceed 250 microvolts/meter ("μV/m") at 3 meters).

[7] *Id*.

[8] *Id*.

identified itself as La Bakana.[9] A review of Commission records revealed no authorization for any FM broadcast station to operate at or near the Third Transmission Site on any frequency.

7. During their investigation, Agents searched the internet for websites and social media related to "Super Dany" and La Bakana. They located a social media post with a picture of a radio DJ and overlay text of the phone number 570-579-64{[ ]}[10], the Station La Bakana, the frequency 90.1 FM, and the website www.labakana90.com.[11] Agents also located other posts containing pictures of the same DJ identified as Super Dany, and with the email address of {[ ]}@hotmail.com.[12] Posts from "Super Dany's" social media pages listed Station 90.1, the website www.labakana90.com contact phone number of 570-579-64{[ ]}, and noted that he was located in Hazleton, Pennsylvania.[13] In a YouTube video of an interview with "Super Dany," he stated that his name is Danerys Gonzalez.[14]

III. DISCUSSION

8. We find that Gonzalez apparently willfully and knowingly violated section 511 of the Act[15] by operating a pirate radio station, La Bakana, on 90.1 MHz on March 28, 2023, and May 9, 2023. On both of these dates, Agents observed Gonzalez's Station operating at the Third Transmission Site on 90.1 MHz. Agents performed field strength measurements and determined that these transmissions exceeded the limits for operation under part 15 of the Commission's rules.[16] A review of Commission records does not reveal an authorization for any FM broadcast station to operate at or near the Third Transmission Site at any time relevant to the violations discussed in this NAL. Evidence collected by the Agents shows that Gonzalez is "Super Dany," the operator of the Station.[17] Accordingly, the Commission finds that Gonzalez's actions on March 28, 2023, and May 9, 2023, constituted pirate radio broadcasting in apparent violation of section 511 of the Act.[18]

A. Proposed Forfeiture

9. Section 511 of the Act authorizes the Commission to impose a forfeiture against any person "who willfully and knowingly does or causes or suffers to be done any pirate radio broadcasting."[19] In exercising our forfeiture authority, we consider the "nature, circumstances, extent, and gravity of the violation and, with respect to the violator, the degree of culpability, any history of prior offenses, ability to pay, and such other matters as justice may require."[20] We may adjust a forfeiture

[9] Recordings on file EB-FIELDNER-22-00033952.

[10] Results of a subpoena for subscriber information revealed that the phone number belonged to "Dani Super." Material set off by double brackets {[ ]} is confidential and is redacted from the public version of this document.

[11] Image on file EB-FIELDNER-22-00033952.

[12] *Id.*

[13] *Id.*

[14] Video on file EB-FIELDNER-22-00033952.

[15] 47 U.S.C. § 511.

[16] 47 CFR §§ 15.209(a), 15.239(b); *see also* 47 U.S.C. § 511(h) (stating that pirate radio broadcasting "does not include unlicensed operations in compliance with part 15 of title 47, Code of Federal Regulations").

[17] *See supra* para. 7.

[18] 47 U.S.C. § 511(a), (h).

[19] *Id.* § 511(a).

[20] 47 CFR § 1.80(b)(11).

downward for minor violations, good faith or voluntary disclosure, a history of overall compliance, or an inability to pay.[21]

10. Section 511 of the Act and section 1.80 of the Commission's rules authorize enhanced penalties for pirate radio broadcasting.[22] Under these sections, any person who willfully and knowingly does or causes or suffers to be done any pirate radio broadcasting shall be subject to a fine of not more than $119,555 for each day during which the offense occurs, but not more than $2,391,097 in total.[23]

11. The primary intent of the PIRATE Act is to increase financial penalties for pirate radio broadcasting.[24] Accordingly, as explained in two recent Notices of Apparent Liability for Forfeiture under the PIRATE Act, and affirmed in subsequent Forfeiture Orders, we impose a base forfeiture of $20,000[25] (twice the pre-PIRATE Act base forfeiture level) for each of the two days that Gonzalez apparently willfully and knowingly violated section 511 of the Act, for a total proposed base forfeiture of $40,000.[26]

12. In applying the applicable statutory factors, we also consider whether there is any basis for a downward adjustment of the proposed forfeiture. We find none. After applying section 1.80 of the Commission's rules and the statutory factors, and consistent with the *Forfeiture Policy Statement*,[27] Gonzalez is apparently liable for a proposed total monetary forfeiture of $40,000.[28]

IV. CONCLUSION

13. We have determined that Brigido Danerys Gonzalez apparently willfully and knowingly did or caused pirate radio broadcasting in violation of section 511 of the Act on March 28, 2023, and May 9, 2023. As such, Gonzalez is apparently liable for a forfeiture of $40,000.

V. ORDERING CLAUSES

14. Accordingly, **IT IS ORDERED** that, pursuant to section 511 of the Communications Act of 1934, as amended, 47 U.S.C. § 511, and section 1.80 of the Commission's rules, 47 CFR § 1.80, Brigido Danerys Gonzalez is hereby **NOTIFIED** of this **APPARENT LIABILITY FOR A**

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[21] *Id*.

[22] 47 U.S.C. § 511; 47 CFR § 1.80(b)(6).

[23] 47 U.S.C. § 511(a)-(b); *see* 47 CFR § 1.80(b)(6) (setting the current inflation adjusted statutory maximum for a violation of 47 U.S.C. § 511(a) at $2,391,097 and 47 U.S.C. § 511(b) at $119,555); *Amendment of Section 1.80(b) of the Commission's Rules, Adjustment of Civil Monetary Penalties to Reflect Inflation*, Order, DA 23-1198, 2023 WL 8889597 (EB Dec. 22, 2023); *see also* Annual Adjustment of Civil Monetary Penalties to Reflect Inflation, 89 Fed. Reg. 2148 (Jan. 12, 2024) (setting Jan. 15, 2024 as the effective date for the increases).

[24] *See* S. Rep. No. 116-178, 1 (2019) ("The purpose of S. 1228, the Preventing Illegal Radio Abuse Through Enforcement Act or PIRATE Act, is to increase the financial penalties for pirate radio broadcasting.").

[25] The Commission first used this base forfeiture amount in two prior Notices of Apparent Liability for Forfeiture. *See César Ayora and Luis Angel Ayora, Queens, New York,* Notice of Apparent Liability for Forfeiture, FCC 23-17, 2023 WL 2560017, at *5 (Mar. 15, 2023), aff'd, Forfeiture Order, FCC 23-80, 2023 WL 6843186 (Oct. 13, 2023); *Thomas Barnes, La Grande, Oregon,* Notice of Apparent Liability for Forfeiture, FCC 23-16, 2023 WL 2560016, at *4 (Mar. 15, 2023), aff'd, Forfeiture Order, FCC 23-79, 2023 WL 6843178 (Oct. 13, 2023).

[26] *See* 47 U.S.C. § 511.

[27] *See The Commission's Forfeiture Policy Statement and Amendment of Section 1.80 of the Rules to Incorporate the Forfeiture Guidelines, Report and Order,* 12 FCC Rcd 17087, 17101, para. 27 (1997) (Forfeiture Policy Statement), recons. denied, Memorandum Opinion and Order, 15 FCC Rcd 303 (1999); 47 CFR § 1.80(b)(11).

[28] Any entity that is a "Small Business Concern" as defined in the Small Business Act (Pub. L. 85-536, as amended) may avail itself of rights set forth in that Act, including rights set forth in 15 U.S.C. § 657, "Oversight of Regulatory Enforcement," in addition to other rights set forth herein.

FORFEITURE in the amount of forty thousand dollars ($40,000) for willful and knowing violation of section 511 of the Act. 47 U.S.C. § 511.

15. **IT IS FURTHER ORDERED** that, pursuant to section 1.80 of the Commission's rules, 47 CFR § 1.80, within thirty (30) calendar days of the release date of this Notice of Apparent Liability for Forfeiture, Brigido Danerys Gonzalez **SHALL PAY** the full amount of the proposed forfeiture or **SHALL FILE** a written statement seeking reduction or cancellation of the proposed forfeiture consistent with paragraph 18.

16. In order for Brigido Danerys Gonzalez to pay the proposed forfeiture, he shall notify the Office of the Field Director at field@fcc.gov of his intent to pay, whereupon an invoice will be posted in the Commission's Registration System (CORES) at https://apps.fcc.gov/cores/userLogin.do. Upon payment, Gonzalez shall send electronic notification of payment to the Office of the Field Director, Enforcement Bureau, Federal Communications Commission, at field@fcc.gov on the date said payment is made. Payment of the forfeiture must be made by credit card using CORES at https://apps.fcc.gov/cores/userLogin.do, ACH (Automated Clearing House) debit from a bank account, or by wire transfer from a bank account. The Commission no longer accepts Civil Penalty payments by check or money order. Below are instructions that payors should follow based on the form of payment selected:[29]

- Payment by wire transfer must be made to ABA Number 021030004, receiving bank TREAS/NYC, and Account Number 27000001. In the OBI field, enter the FRN(s) captioned above and the letters "FORF". In addition, a completed Form 159[30] or printed CORES form[31] must be faxed to the Federal Communications Commission at 202-418-2843 or e-mailed to RROGWireFaxes@fcc.gov on the same business day the wire transfer is initiated. Failure to provide all required information in Form 159 or CORES may result in payment not being recognized as having been received. When completing FCC Form 159 or CORES, enter the Account Number in block number 23A (call sign/other ID), enter the letters "FORF" in block number 24A (payment type code), and enter in block number 11 the FRN(s) captioned above (Payor FRN).[32] For additional detail and wire transfer instructions, go to https://www.fcc.gov/licensing-databases/fees/wire-transfer.
- Payment by credit card must be made by using CORES at https://apps.fcc.gov/cores/user Login.do. To pay by credit card, log-in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" from the CORES Menu, then select FRN Financial and the view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number 12345678). After selecting the bill for payment, choose the "Pay by Credit Card" option. Please note that there is a $24,999.99 limit on credit card transactions.
- Payment by ACH must be made by using CORES at https://apps.fcc.gov/cores/userLogin.do. To pay by ACH, log in using the FCC Username associated to the FRN captioned above. If payment must be split across FRNs, complete this process for each FRN. Next, select "Manage Existing FRNs | FRN Financial | Bills & Fees" on the CORES Menu, then select FRN Financial and the

[29] For questions regarding payment procedures, please contact the Financial Operations Group Help Desk by phone at 1-877-480-3201 (option #1).

[30] FCC Form 159 is accessible at https://www.fcc.gov/licensing-databases/fees/fcc-remittance-advice-form-159.

[31] Information completed using the Commission's Registration System (CORES) does not require the submission of an FCC Form 159. CORES is accessible at https://apps.fcc.gov/cores/userLogin.do.

[32] Instructions for completing the form may be obtained at http://www.fcc.gov/Forms/Form159/159.pdf.

view/make payments option next to the FRN. Select the "Open Bills" tab and find the bill number associated with the NAL Acct. No. The bill number is the NAL Acct. No. with the first two digits excluded (e.g., NAL 1912345678 would be associated with FCC Bill Number 12345678). Finally, choose the "Pay from Bank Account" option. Please contact the appropriate financial institution to confirm the correct Routing Number and the correct account number from which payment will be made and verify with that financial institution that the designated account has authorization to accept ACH transactions.

17. Any request for making full payment over time under an installment plan should be sent to: Chief Financial Officer—Financial Operations, Federal Communications Commission, 45 L Street, N.E., Washington, D.C. 20554.[33] Questions regarding payment procedures should be directed to the Financial Operations Group Help Desk by phone, 1-877-480-3201, or by e-mail, ARINQUIRIES@fcc.gov.

18. The written statement seeking reduction or cancellation of the proposed forfeiture, if any, must include a detailed factual statement supported by appropriate documentation and affidavits pursuant to sections 1.16 and 1.80(g)(3) of the Commission's rules.[34] The written statement must be mailed to the Office of the Secretary, Federal Communications Commission, 45 L Street, N.E., Washington, D.C. 20554, ATTN: Enforcement Bureau – Office of the Field Director, and must include the NAL/Account Number referenced in the caption. The statement must also be e-mailed to the Office of the Field Director at field@fcc.gov.

19. The Commission will not consider reducing or canceling a forfeiture in response to a claim of inability to pay unless the petitioner submits the following documentation: (1) federal tax returns for the past three years; (2) financial statements for the past three years prepared according to generally accepted accounting practices; or (3) some other reliable and objective documentation that accurately reflects the petitioner's current financial status.[35] Any claim of inability to pay must specifically identify the basis for the claim by reference to the financial documentation. Inability to pay, however, is only one of several factors that the Commission will consider in determining the appropriate forfeiture, and we retain the discretion to decline reducing or canceling the forfeiture if other prongs of 47 U.S.C. § 503(b)(2)(E) support that result.[36]

[33] *See* 47 CFR § 1.1914.

[34] *Id.* §§ 1.16, 1.80(g)(3).

[35] 47 U.S.C. § 503(b)(2)(E).

[36] *See, e.g.*, *Ocean Adrian Hinson, Surry County, North Carolina,* Forfeiture Order, 34 FCC Rcd 7619, 7621, para. 9 & n.21 (2019); *Vearl Pennington and Michael Williamson*, Forfeiture Order, 34 FCC Rcd 770, paras. 18-21 (2019); *Fabrice Polynice, Harold Sido and Veronise Sido, North Miami, Florida*, Forfeiture Order, 33 FCC Rcd 6852, 6860–62, paras. 21-25 (2018); *Adrian Abramovich, Marketing Strategy Leaders, Inc., and Marketing Leaders, Inc.*, Forfeiture Order, 33 FCC Rcd 4663, 4678-79, paras. 44-45 (2018); *Purple Communications, Inc.*, Forfeiture Order, 30 FCC Rcd 14892, 14903-904, paras. 32-33 (2015); *TV Max, Inc., et al*., Forfeiture Order, 29 FCC Rcd 8648, 8661, para. 25 (2014).

20. **IT IS FURTHER ORDERED** that a copy of this Notice of Apparent Liability for Forfeiture shall be sent by first class mail and certified mail, return receipt requested, to Brigido Danerys Gonzalez at {[ ]} W. Chapel Street, Hazleton, Pennsylvania, 18201.

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	Application File No. BL-11485
Gillian Sutton	)	Facility ID No. 12810
	)	
Station DKRSN(AM),	)	Application File No. BLFT-20130819AGC
Los Alamos, New Mexico	)	Facility ID No. 154369
	)	
FM Translator Station DK296GI,	)	
Los Alamos, New Mexico	)	

MEMORANDUM OPINION AND ORDER

Adopted: February 13, 2024 **Released: February 13, 2024**

By the Commission:

I. INTRODUCTION

1. We have before us an Application for Review (AFR) filed by Albuquerque Board of Education (ABE) on September 18, 2023.[1] ABE seeks review of a Media Bureau (Bureau) decision denying its request that the Commission reinstate the cancelled licenses of Station DKRSN(AM), Los Alamos, New Mexico and FM Translator Station DK296GI, Los Alamos, New Mexico (collectively, Stations), which were formerly licensed to Gillian Sutton (Sutton), and that ABE be designated as the temporary trustee of the Stations.[2] For the reasons set forth below, we dismiss the AFR to the extent it relies on new arguments not previously presented to the Bureau, and otherwise deny the AFR.

II. BACKGROUND

2. On May 1, 2023, Sutton voluntarily surrendered the licenses for the Stations,[3] and the Bureau gave public notice of those cancellations on May 4, 2023.[4] No petitions for reconsideration of the license cancellations were timely filed,[5] and the cancellations became final on June 13, 2023.[6] On August 2, 2023, ABE, a party with no prior interest in the Stations, submitted an "Emergency Petition for Extraordinary Relief" (Petition), which sought: (1) reinstatement of the licenses for the Stations; and (2) designation of ABE "as the temporary trustee of [the Stations] so that the facilities can resume operating

[1] Albuquerque Board of Education, Application for Review, Pleading File No. 0000221109 (filed Sept. 18, 2023).

[2] *Albuquerque Board of Education*, Letter Order, DA 23-721 (MB Aug. 18, 2023) (*Reconsideration Decision*).

[3] Letter from Lauren Lynch Flick, Esq., to Son Nguyen, Audio Division, FCC Media Bureau (May 1, 2023) (cancellation notice for Station DKRSN(AM)); Application File No. 0000214473 (filed May 2, 2023) (cancellation notice for FM Translator Station DK296GI).

[4] *Actions*, Public Notice, Report No. PN-2-230504-01 (MB May 4, 2023) (Cancellation Public Notice).

[5] *See* 47 U.S.C. § 405(a); 47 CFR § 1.106(f).

[6] *See* 47 CFR § 1.117(a) (providing for 40 days after public notice of the Bureau's decision for the Commission on its own motion to order the record before it for review).

on an emergency basis."[7] ABE argued that "[t]he FCC cancellation leaves Los Alamos County with no local, licensed AM broadcast service whatsoever,"[8] and included a letter from Sutton stating that she supported the Petition.[9]

3. In the *Reconsideration Decision*, the Bureau found that, although the Petition was styled as an "Emergency Petition for Extraordinary Relief," such a pleading is not contemplated by the Commission's rules (Rules).[10] The Bureau treated the Petition as a petition for reconsideration because ABE sought reconsideration of the cancellation of the licenses for the Stations.[11] The Bureau dismissed the Petition as untimely because it was filed approximately two months after the filing deadline for petitions for reconsideration.[12] As a separate and independent basis for dismissal, the Bureau found that ABE lacked standing to file the Petition.[13]

4. In the AFR, ABE asserts that it "clearly put forward its Petition as a waiver [request] which obviously did not meet the normal requirements of the Commission's rules."[14] ABE further asserts that the Bureau failed to provide a reasoned basis for denying the waiver request, and that the request was not given the "hard look" to which it was entitled under applicable precedent.[15]

III. DISCUSSION

5. Section 1.115 of the Rules provides that any person aggrieved by any action taken pursuant to delegated authority may file an application requesting review of that action by the Commission.[16] The Commission may grant the application for review in whole or in part, or it may deny the application with or without specifying its reasons.[17] For the reasons set forth below, we dismiss in part and otherwise deny the AFR.

6. *Waiver Request.* We reject ABE's assertion that it put forward the Petition as a waiver request.[18] In the Petition, which was styled as an "Emergency Petition" and not a waiver request, ABE did not request that any specific rule(s) be waived, cite to any rules or cases pertaining to waiver requests, use the word "waiver" anywhere in the pleading, or offer any other indication that the pleading was a waiver request.[19] In addition, ABE fails to provide support in the AFR for its argument that the Petition

[7] Albuquerque Board of Education, Emergency Petition for Extraordinary Relief, Application File Nos. BL-11485 and BLFT-20130819AGC at 1 (filed Aug. 2, 2023).

[8] *Id.*

[9] *Id.* at 4.

[10] *Reconsideration Decision* at 2.

[11] *Id.*

[12] *Id.* The filing deadline for petitions for reconsideration was June 5, 2023, and the Petition was filed on August 2, 2023.

[13] *Id.* at 2-3.

[14] AFR at 2.

[15] *Id.* at 2-5. ABE does not contest in the AFR the Bureau's finding that the Petition was untimely and that ABE lacked standing to file the Petition.

[16] 47 CFR § 1.115(b)(2); *Warren Havens*, Memorandum Opinion and Order, 23 FCC Rcd. 3210, 3212, para. 6 (2008) (*Warren Havens*).

[17] 47 CFR § 1.115(g); *Warren Havens*, 23 FCC Rcd. at 3212, para. 6.

[18] *See* AFR at 2.

[19] ABE appears to concede that its purported waiver request was flawed as it states that the request "obviously did not meet the normal requirements of the Commission's rules." *Id.* at 2.

was a waiver request, and merely relies on conclusory statements.[20] Accordingly, we find that the Petition was not a waiver request.

7. We also reject ABE's contention that the Bureau did not provide a reasoned basis for denying its waiver request, and that the waiver request was entitled to a "hard look."[21] The Bureau was not obligated to provide a basis for denying a waiver request where no waiver was requested.[22] Furthermore, waiver requests are entitled to a hard look when they are "stated with clarity and accompanied by supporting data."[23] Here, the Petition did not include any waiver request, much less one that was stated with clarity and accompanied by supporting data.

8. *Timeliness.* The Bureau correctly held that the Petition was untimely.[24] Section 405 of the Communications Act of 1934, as amended (Act), and section 1.106(f) of the Rules, require petitioners to seek reconsideration no later than 30 days after public notice of the action for which reconsideration is sought.[25] The Commission has held consistently that it does not have authority to waive or extend, even by as little as one day, the statutory 30-day filing period for petitions for reconsideration, absent extraordinary circumstances, which are not present in the instant case.[26] The Petition was filed 90 days after release of the Cancellation Public Notice, and 58 days after the deadline for filing petitions for reconsideration.[27] The Petition did not address that it was untimely filed, and the Bureau specifically held that ABE could not rely on styling the Petition as an "Emergency Petition" to circumvent statutory filing deadlines.[28] Accordingly, the Bureau properly dismissed the Petition as untimely.

9. *Standing.* The Bureau correctly found lack of standing to be a separate and independent basis for dismissal of the Petition.[29] In the broadcast regulatory context, a non-party attempting to establish standing as someone aggrieved or whose interests were adversely affected generally must show it in one of three ways: (1) as a competitor in the market subject to signal interference; (2) as a competitor in the market subject to economic harm; or (3) as a resident of the station's service area or regular listener of the

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[20] For example, ABE fails to support its statement that it "clearly put forward its Petition as a waiver [request]." *Id.* at 2. While the cases that ABE cites in the AFR discuss the circumstances under which waiver requests may be considered and granted, they are immaterial to ABE's assertion that the Petition was a waiver request. *See id.* at 3-5. Moreover, to the extent that ABE relies on these cases for the first time in its AFR, we dismiss the AFR pursuant to section 1.115(c) of the Rules. 47 CFR § 1.115(c) ("No application for review will be granted if it relies on questions of fact or law upon which the designated authority has been afforded no opportunity to pass."); *see also ACCESS*, Memorandum Opinion and Order, 29 FCC Rcd 9735 (2014) (dismissing application for review that relied on arguments not previously presented to the Media Bureau). Also, ABE does not specify in the AFR any rule(s) that would be waived for its purported waiver request, or contend that it specified any such rule(s) in the Petition.

[21] *See* AFR at 2-5.

[22] *WAIT Radio v. FCC*, 418 F.2d 1153, 1157, para. 2 (D.C. Cir. 1969) (the Commission need not sift through pleadings and documents to identify arguments not stated with clarity), *cert. denied*, 409 U.S. 1027 (1972) (*WAIT Radio*).

[23] *BellSouth Corp. v. FCC*, 162 F.3d 1215, 1224 (D.C. Cir. 1999); *WAIT Radio*, 418 F.2d at 1157, para 2.

[24] *See Reconsideration Decision* at 2.

[25] 47 U.S.C. § 405(a); 47 CFR § 1.106(f).

[26] *Metromedia, Inc.*, Memorandum Opinion and Order, 56 FCC 2d 909 (1975) (finding that the Commission may not waive the thirty day filing period to accept a petition for reconsideration filed one day late); *Ole Brook Broadcasting, Inc*., Memorandum Opinion and Order, 15 FCC Rcd 20644 (2000); *Henry Cotton*, Letter Order, 22 FCC Rcd 18610 (MB-AD 2007); *Martin L. Hensley*, Letter Order, 22 FCC Rcd 8377 (MB-AD 2007).

[27] *See* Cancellation Public Notice.

[28] *Reconsideration Decision* at 2.

[29] *See id.* at 2-3. 47 U.S.C. § 405; 47 CFR § 1.106(b)(1).

station.[30] A petitioner claiming its interest is adversely affected must demonstrate a direct causal link between the challenged action and its alleged injury, and show that the injury would be prevented or redressed by the relief requested.[31] Here, the Bureau correctly found that ABE was not a party to the surrender of the licenses for the Stations, and has not demonstrated what alleged injury it has suffered or how grant of the Petition would redress that injury.[32] In the AFR, ABE does not address, let alone demonstrate, that it had standing to file the Petition. As a result, the Bureau appropriately found that ABE lacked standing to file the Petition.

IV. ORDERING CLAUSE

10. Accordingly, for the reasons discussed above, **IT IS ORDERED** that the Application for Review filed by Albuquerque Board of Education on September 18, 2023, **IS DISMISSED IN PART AND OTHERWISE DENIED**.

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

[30] *See Punjabi American Media, LLC*, Memorandum Opinion and Order, 35 FCC Rcd 6869, 6872, n.26 (2020) (citing *Tribune Media Co.*, Memorandum Opinion and Order, 34 FCC Rcd 8436, 8448, para. 23 (2019)).

[31] *See Susquehanna Radio Corp.*, Memorandum Opinion and Order, 29 FCC Rcd 13276, 13277, para. 3 (2014), *recon. denied*, Memorandum Opinion and Order, 30 FCC Rcd 13978 (2015).

[32] *Reconsideration Decision* at 2.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Space Innovation	)	IB Docket No. 22-271
	)	
Facilitating Capabilities for In-space Servicing, Assembly, and Manufacturing	)	IB Docket No. 22-272
	)	

NOTICE OF PROPOSED RULEMAKING

Adopted: February 15, 2024 **Released: February 16, 2024**

Comment Date: 45 days following publication in the Federal Register
Reply Comment Date: 75 days following publication in the Federal Register

By the Commission: Chairwoman Rosenworcel issuing a statement.

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I. INTRODUCTION

1. Today, we continue our efforts to promote United States leadership in space by adopting this Notice of Proposed Rulemaking (NPRM) to propose a new framework for licensing space stations engaged in in-space servicing, assembly, and manufacturing (ISAM). Space capabilities are expanding, opening novel economic and scientific opportunities, and providing new tools for sustainable use of space. Effective and efficient use of radiofrequency communications will enable these new capabilities and the rules proposed today are designed to facilitate and support their growth. This NPRM reflects the input of commenters from the Commission's Notice of Inquiry (NOI) on ISAM,[1] which sought comment

[1] *Space Innovation; Facilitating Capabilities for In-space servicing, assembly and manufacturing, Notice of Inquiry*, 37 FCC Rcd 10022 (2022) (*ISAM NOI*).

regarding where the industry is today, how the Commission can best support its sustainable development, and what tangible economic and societal benefits may result from these capabilities. Taking these comments into account, we propose to create a new framework to license ISAM space stations, thereby supporting the development of these novel space activities. As the ISAM industry continues to develop, we envision taking additional steps as needed to foster innovation and growth in this field.

II. BACKGROUND

2. ISAM refers to a set of capabilities used on-orbit, on the surface of space objects and celestial bodies, and in transit between these regimes. The "servicing" aspect of ISAM includes activities such as the in-space inspection, life extension, repair, refueling, or alteration of a spacecraft after its initial launch, which includes but is not limited to: visually acquire, rendezvous and/or proximity operations, docking, berthing, relocation, upgrading, repositioning, undocking, unberthing, release and departure, reuse, orbit transport and transfer, and timely debris collection and removal.[2] These activities typically include the process of maneuvering close to and operating in the near vicinity of the "client" spacecraft,[3] a set of activities often referred to as rendezvous and proximity operations (RPO). The term "servicing" is also used to describe transport of a spacecraft from one orbit to another, as well as debris collection and removal. "Assembly" refers to the construction of a space system using pre-manufactured components, and "manufacturing" is the transformation of raw or recycled materials into components, products, or infrastructure in space.[4]

3. On August 5, 2022, the Commission adopted the *ISAM NOI*.[5] It sought comment on spectrum needs and allocations;[6] licensing processes in general[7] and specifically for satellite servicing operations,[8] assembly, manufacturing, and other activities;[9] and international licensing considerations.[10] Twenty-four comments were filed by ISAM operators, satellite operators, industry groups, and

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[2] *See* National Science and Technology Council, *In-Space Servicing, Assembly, and Manufacturing Interagency Working Group, In-Space Servicing, Assembly, and Manufacturing National Strategy* at 6 (April 2022), https://www.whitehouse.gov/wp-content/uploads/2022/04/04-2022-ISAM-National-Strategy-Final.pdf (ISAM National Strategy); *see also* the In-Space Servicing, Assembly, and Manufacturing Interagency Working Group, *National In-Space Servicing, Assembly, and Manufacturing Implementation Plan* at 5 (2022), https://www.whitehouse.gov/wp-content/uploads/2022/12/NATIONAL-ISAM-IMPLEMENTATION-PLAN.pdf (ISAM National Implementation Plan).

[3] Throughout this NPRM, we use the terms "space station," "satellite," and "spacecraft." "Space station" is defined in the Commission's rules as "[a] station" located on an object which is beyond, is intended to go beyond, or has been beyond, the major portion of the Earth's atmosphere." 47 CFR §§ 2.1, 25.103. This is consistent with terminology used by the International Telecommunication Union (ITU). ITU Radio Regulations (R.R.) 1.64. The Commission's rules define "satellite" as "[a] body which revolves around another body of preponderant mass, and which has a motion primarily and permanently determined by the force of attraction of that other body." 47 CFR § 2.1. In this NPRM we use the term "satellite" to refer only to artificial satellites. The Commission's rules define "spacecraft" as "[a] man-made vehicle which is intended to go beyond the major portion of the Earth's atmosphere." 47 CFR §§ 2.1, 25.103. These terms are used interchangeably in this NPRM, but we observe that "satellite" and "spacecraft" are more broadly defined than "space station."

[4] ISAM National Strategy at 6.

[5] *See generally ISAM NOI*, 37 FCC Rcd 10022.

[6] *Id.* at 10026-28, paras. 11-15.

[7] *Id.* at 10028-30, paras. 16-22.

[8] *Id.* at 10030-31, para. 23.

[9] *Id.* at 10031, para. 24.

[10] *Id.* at 10031, paras. 25-26.

government agencies, ten parties filed reply comments, and a number of parties also submitted *ex parte* filings on the record.[11]

4. *Prior Actions Involving ISAM Activities.* While many commercial ISAM activities are still at an early stage, the Commission, in coordination with NTIA where operations were in frequency bands shared with the federal government, has issued licenses for space stations conducting several types of ISAM activities, including the following: licensing of SpaceLogistics, LLC's (SpaceLogistics) Mission Extension Vehicle-1 (MEV-1)[12] and Mission Extension Vehicle-2 (MEV-2);[13] granting an experimental license to SpaceIce to investigate freeze-casting, a processing technique used to create a wide range of materials like ceramics, metals, polymers, and composites, among others,[14] in the microgravity environment;[15] authorizing U.S. earth station communications to support Astroscale Ltd.'s ELSA-d testing of spacecraft capabilities for orbital debris removal;[16] and granting an experimental license to NanoRacks LLC for communications to demonstrate metal-cutting in space.[17]

5. Topics related to ISAM capabilities have also been raised in other Commission rulemaking proceedings. In the ongoing rulemaking to update the orbital debris rules, *Mitigation of Orbital Debris in the New Space Age*, the Commission sought comment on a variety of rule changes,

[11] *See* Appendix C for a list of all parties who filed comments, reply comments, and *ex parte* submissions to the ISAM NOI.

[12] *See Space Logistics LLC*, ICFS File No. SAT-LOA-20170224-00021 (granted-in-part Dec. 5, 2017) (MEV-1 License) (granting authority for SpaceLogistics to construct, deploy, and conduct telemetry, tracking, and command (TT&C) operations with the MEV-1 as it (1) is deployed from the launch vehicle; engages in orbit-raising maneuvers and conducts post-launch system verification tests; (2) raises its orbit above the geostationary orbital arc; (3) and performs RPO and docking with the Intelsat-901 space station); ICFS File Nos. SAT-LOA-20170224-00021, SAT-AMD-20190207-00008 (granted June 20, 2019) (granting authority for TT&C operations with the combined vehicle stack of the MEV-1 and Intelsat-901 after RPO and docking while in geostationary orbit (GSO), and during relocation above the GSO arc and undocking) (MEV-1 License). MEV-1 completed its first successful docking operation in February 2020. *See* Space Logistics, Northrop Grumman, https://www.northropgrumman.com/space/space-logistics-services/ (last visited Jun. 1, 2022).

[13] *See Space Logistics LLC*, ICFS File No. SAT-LOA-20191210-00144 (granted Mar. 20, 2020) (MEV-2 License) (granting authority to construct and deploy the MEV-2, and conduct TT&C operations with the MEV-2 as it is deployed from the launch vehicle, engages in orbit-raising maneuvers, and conducts various post-launch system verification tests, performs RPO with the Intelsat spacecraft IS-1002, operates in a combined vehicle stack in geosynchronous transfer orbit with IS-1002 for an expected five years, and subsequently undocks). MEV-2 successfully docked with IS-1002 in April 2021. *See MEV-2 Servicer Successfully Docks to Live Intelsat Satellite*, https://spacenews.com/mev-2-servicer-successfully-docks-to-live-intelsat-satellite/ (last visited Jun. 14, 2022).

[14] *See* Freeze-Casting, http://www.freezecasting.net/freezecast.html (last visited Jan. 16, 2024).

[15] *See SpaceIce Application*, ELS File. No. 0985-EX-CN-2019 (granted Oct. 8, 2020).

[16] *See Denali 20020*, ICFS File No. SES-STA-20200113-00043 (granted Nov. 17, 2021) (granting special temporary authority to provide TT&C support for Astroscale's demonstration of RPO, capture, and deorbit); *see also Viasat, Inc,* ICFS File No. SES-STA-20200117-00055 (granted Mar. 19, 2021); *see also University of Miami – CSTARS*, ICFS File No. SES-STA-20200811-00859 (granted Nov. 17, 2021); *see also* Letter from Karl A. Kensinger, Acting Chief, Satellite Division, International Bureau, FCC, to Darryl White, Denali 20020, et. al., ICFS File Nos. SES-STA-20200113-00043, SES-STA-20200117-00055, SES-STA-20200811-00859 (dated Sept. 29, 2020) (request for information regarding the Astroscale ELSA-d spacecraft mission, to support request for earth station authorization). The ELSA-d spacecraft was licensed by the United Kingdom, and the spacecraft consists of two components, a "client" and "servicer," interacting with each other to complete an orbital maneuver demonstration. *See Astroscale's ELSA-d Successfully Demonstrates Repeated Magnetic Capture*, Astroscale (Aug. 25, 2021), https://astroscale.com/astroscales-elsa-d-successfully-demonstrates-repeated-magnetic-capture/.

[17] *See NanoRacks, LLC* Application, ELS File Nos. 0022-EX-ST-2021 (granted May 28, 2021), 1328-EX-ST-2021 (granted Nov. 15, 2021) (NanoRacks Mars Outpost experiment).

including, for example, whether we should update rules specifically to address RPO.[18] The Commission ultimately adopted a requirement that space station applicants disclose whether a space station is capable of, or will be, performing proximity operations, noting that this disclosure would identify situations where such operations are planned and provide a vehicle for further review of those operations.[19] At the time, the Commission noted the evolving and developing nature of RPO and accordingly found that adoption of more specific technical or operational requirements would be premature.[20] The Commission also sought comment on the role of spacecraft retrieval, also referred to as active debris removal (ADR), as a debris mitigation strategy in certain circumstances and concluded that this was also an area where it would be premature to establish more detailed regulations.[21]

6. *State of the ISAM Industry*. The ISAM NOI sought information on the state of the industry for ISAM operations.[22] Astroscale notes that more than 102 companies have undertaken ISAM projects or research, that 18 of those have either partially or fully operational ISAM capabilities, and that 40 expect to be ready within the next 5 years.[23] Operators describe their specific work developing servicing spacecraft,[24] orbital transfer vehicles (OTVs),[25] life extension vehicles,[26] end-of-life servicing spacecraft,[27] refueling depots,[28] space situational awareness spacecraft,[29] commercial inhabitable space stations,[30] lunar landers,[31] and spacecraft conducting science experiments and manufacturing in microgravity.[32] While Aerospace Corporation (Aerospace) sees a "chicken and egg" problem regarding a lack of serviceable satellites and a lack of servicers, it notes that SpaceLogistic's MEVs that operate on vehicles not designed for servicing have significantly reduced this barrier and finds the mix of old and new satellites will expand ISAM servicing opportunities and draw in more satellite and ISAM providers.[33] NTIA highlights two previous successful ISAM-related demonstrations by the Defense Advanced Research Projects Agency (DARPA) and NASA's Double Asteroid Redirection Test (DART) to support

[18] *Mitigation of Orbital Debris in the New Space Age,* Notice of Proposed Rulemaking, 33 FCC Rcd 11352, 11375-76, para. 68 (2018) (*Orbital Debris NPRM*).

[19] *Mitigation of Orbital Debris in the New Space Age,* Report and Order and Further Notice of Proposed Rulemaking, 35 FCC Rcd 4156, 4213, para. 123 (2020) (*Orbital Debris R&O and FNPRM*). The rules adopted by the Commission state that applicants must disclose planned proximity operations, if any, and address debris generation that will or may result from the proposed operations, including any planned release of debris, the risk of accidental explosions, the risk of accidental collision, and measures taken to mitigate those risks. *Id.* at Appendix A. *See also Mitigation of Orbital Debris in the New Space Age*, Order on Reconsideration, FCC 24-6 (rel. Jan. 26, 2024) (declining to modify the *Orbital Debris R&O*).

[20] *Orbital Debris R&O and FNPRM*, 35 FCC Rcd at 4213, para. 123.

[21] *Id.* at 4206-07, paras. 106-107.

[22] *See ISAM NOI*, 37 FCC Rcd at 10035, para. 40.

[23] Astroscale Comments at 8-9; *see also* Aerospace Comments at 55.

[24] Aerospace Comments at 54-55; Starfish Space Comments at 4-5; CONFERS Comments at 22.

[25] Spaceflight Comments at 2-3; Atomos June 7, 2023 *Ex Parte* at 3.

[26] Starfish Space Comments at 3; Astroscale Comments at 9, 40-41; Intelsat Comments at 3; Aerospace Comments at 55.

[27] Starfish Space Comments at 3; Astroscale Comments at 9, 40-41.

[28] Orbit Fab Comments at 3, 8; Aerospace Comments at 55.

[29] CONFERS Comments at 22; Astroscale Sept. 14, 2023 *Ex Parte* at 3.

[30] Blue Origin Comments at 1; Siera Space Comments at 1.

[31] Blue Origin Comments at 1; Aerospace Comments at 56.

[32] Sierra Space Comments at 1.

[33] Aerospace Comments at 55, 57, 59.

planetary protection.[34]

III. DISCUSSION

A. Scope of FCC Regulations

7. The NOI queried how the FCC could support ISAM activities, noting that the ISAM National Strategy calls for the U.S. domestic regulatory regime to be updated to facilitate ISAM activities.[35] We issue this NPRM in line with that call, while recognizing that the Commission, with over 50 years of expertise in regulating satellites,[36] is one of several government agencies charged with regulation and oversight of commercial activities in space.[37]

8. Our authority under the Communications Act[38] allows the licensing of ISAM space stations under our existing rules, including rules that consider public interest factors.[39] We expect to continue to rely on the expertise of our fellow agencies as appropriate,[40] and note that our regulations on these issues are evolving in tandem with other government efforts.[41] We also recognize that the United

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[34] NTIA Reply at 1. *See also* NASA's In-space Servicing, Assembly, and Manufacturing (ISAM) State of Play for an overview of current ISAM missions, capabilities, and developments, https://www.nasa.gov/wp-content/uploads/2023/10/isam-state-of-play-2023.pdf.

[35] *See ISAM NOI*, 37 FCC Rcd at 10034-35, para. 38; ISAM National Strategy.

[36] The FCC first determined that it could legally authorize non-governmental entities to construct and operate communications satellites for domestic use in 1970. *See Establishment of Domestic Communication-Satellite Facilities by Non-Government Entities*, Report and Order, 22 FCC 2d 86 (1970).

[37] *See*, *e.g.*, ISAM National Strategy (in which the FCC is one of several departments and agencies on the working group); ISAM National Implementation Plan; *see also* https://www.nasa.gov/press-release/nasa-creates-in-space-servicing-assembly-manufacturing-consortium (the FCC is represented on this new consortium, the Consortium for Space Mobility and ISAM Capabilities (COSMIC), which was created to fulfill the White House's Office of Science and Technology Policy ISAM Implementation Plan goals and includes participants across government, academia, and industry). There are also several pending legislative proposals to shift the regulatory framework of commercial space activities. *See*, *e.g.*, The White House, United States Novel Space Activities Authorization and Supervision Framework (2023), https://www.whitehouse.gov/wp-content/uploads/2023/12/Novel-Space-Activities-Framework-2023.pdf (Novel Space Activities Framework); House Committee on Science, Space, and Technology, *Babin and Lucas Introduce Legislation to Modernize Commercial Space Sector*, https://science.house.gov/2023/11/babin-and-lucas-introduce-legislation-to-modernize-commercial-space-sector.

[38] *See* 47 U.S.C. §§ 301, 307(a).

[39] *See Mitigation of Orbital Debris, Report and Order*, 19 FCC Rcd 11567, 11575 para. 14 (2004) (*2004 Orbital Debris Order*); *Orbital Debris R&O and FNPRM*, 35 FCC Rcd at 4164, para. 15 ("As the Commission also previously concluded, to the extent that spacecraft are controlled through radiocommunications links, there is a direct connection between the radiocommunications functions we are charged with licensing under the Act and the physical operations of the spacecraft."). Several commenters raise concerns regarding any extension of FCC regulations beyond activities related to radiofrequency communication, for example regulation of manufacturing activities, or to planetary protection. *See* CSF Comments at 1; Relativity Space Comments at 2; CONFERS Comments at 10; TechFreedom Comments at 3-4, 5-6, 8-9; SpaceX Comments at 2-4; Blue Origin Comments at 7. Some commenters note that the Commission has significant experience in licensing and is well-positioned to develop policies and procedures in the ISAM arena, along with other government regulators. *See*, *e.g.*, Orbit Fab Reply at 7, Lockheed Martin Comments at 13; Viasat Reply at 1-3; Astroscale Comments at 5. *See also*, NTIA Reply at 1 (noting that "[a]s new spectrum allocations, rules, and regulations are being considered, NTIA will continue to work with the FCC and other Federal agencies to develop viable solutions supporting evolving ISAM requirements and incumbent and future Federal operations").

[40] For example, our space station licensing rules contemplate that applicants use NASA's debris assessment software for preparing their orbital debris mitigation plans. *See* 47 CFR § 25.114; *see also Orbital Debris R&O and FNPRM*, 35 FCC Rcd at 4170, para. 29 (recognizing the use of NASA assessment tools, metrics, and methodology).

[41] *See*, *e.g.*, *Orbital Debris R&O and FNPRM,* 35 FCC Rcd at 4160-61, 4192-94, paras. 7, 79. The Commission

(continued)

States' regulatory regime for achieving compliance with our obligations under Article VI of the Outer Space Treaty contemplates multiple agencies authorizing and supervising the activities of non-governmental entities in space.[42]

9. *Planetary Protection*. The NOI discussed the issue of planetary protection,[43] given that some recent ISAM-related license applications are focused on lunar activities and beyond.[44] Several commenters suggest the Commission consider working with other agencies on planetary protection issues instead of separately considering or taking action in this proceeding.[45] We plan to continue to support other agencies' efforts to develop and implement planetary protection policies.[46] We tentatively conclude that our proposed licensing framework for ISAM space stations should not include independent review and action from the Commission on applicants' planetary protection plans. We seek comment on how to ensure that applicants work with NASA and other relevant agencies to address planetary protection guidance and policy considerations.[47]

noted in this Report and Order that Space Policy Directive-3 ("SPD-3") charged NASA, in coordination with other agencies and in consultation with the FCC, to lead efforts to update orbital debris mitigation standard practices (ODMSP) for missions operated or procured by U.S. government agencies and that best practices derived in part from the ODMSP should be incorporated into future rulemaking and licensing actions, and noting that the Commission's orbital debris update was aiming to do just that. *Id.*; *see also 2004 Orbital Debris Order*, 19 FCC Rcd at 11609-12, paras. 102-108. Furthermore, the United States Novel Space Activities Authorization and Supervision Framework repeated this call and charged NASA, in consultation with the FCC, with leading the reevaluation process every two years. *See* Novel Space Activities Framework, at 6-7.

[42] *See* Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies, art. 6, Jan. 27, 1967, 18 U.S.T. 2410 610 U.N.T.S. 205 (Outer Space Treaty); *ISAM National Implementation Plan* (identifying various federal agencies to serve as the lead or supporting agency on developing various ISAM-related implementation activities, including tasking the FCC and FAA with exploring policies related to safe post-mission disposal of ISAM space stations to mitigate orbital debris); *see also, e.g.*, Jack Bacon, NASA Orbital Debris Program Office, NASA & US Government Orbital Debris Mitigation Policies, (2019) at 14; Daniel Morgan, Cong. Research Serv., R. 45416, Commercial Space: Federal Regulation, Oversight, and Utilization (updated November 29, 2018); the U.S. Commercial Space Launch Competitiveness Act, Pub. L. No. 114-90, § 109, 129 Stat. 704, 708 (2015).

[43] Planetary protection typically encompasses the policies and practices designed to protect celestial bodies from contamination by Earth life and protect the Earth's biosphere from potential contamination from returning spacecraft. *See* Outer Space Treaty, art. 9.

[44] *See ISAM NOI*, 37 FCC Rcd at 100033-35 paras. 34-38; *see also, e.g.*, Intuitive Machines, Grant Stamp, ICFS File Nos. SAT-LOA-20210423-00055 and SAT-AMD-20220510-00049 (granted Oct. 5, 2023); Astrobotic Technology, Inc., ICFS File Nos. SAT-LOA-20210512-00065 and SAT-AMD-20220107-00004; Lockheed Martin, ICFS File No. SAT-LOA-20220218-00020. We also note that the FCC participates in OSTP's planetary protection forward contamination interagency working group. *See* White House National Space Council, National Strategy for Planetary Protection at 7 (2020), https://trumpwhitehouse.archives.gov/wp-content/uploads/2020/12/National-Strategy-for-Planetary-Protection.pdf.

[45] *See*, *e.g.*, Aerospace Comments at 46-48; CONFERS Comments at 13-14; AIA Comments at 3.

[46] *See*, *e.g.*, NASA Office of Safety and Mission Assurance, Planetary Protection for information, policies, and guidance https://sma.nasa.gov/sma-disciplines/planetary-protection.

[47] We expect that various applications might require planetary protection considerations, such as small spacecraft applications. The Commission has previously ensured that applicants work with other federal agencies to consider planetary protection. *See, e.g.*, ICFS File No. SAT-LOA-20210423-00055, Letter from Karl A. Kensinger, Chief Satellite Division, International Bureau, to John T. Graves, Intuitive Machines, at para 11 (dated Mar. 2, 2022) (requesting that the company describe any coordination with NASA regarding mitigation of contamination of the lunar environment).

B. Licensing Framework for ISAM Space Stations

10. The NOI sought information on the best approaches to licensing ISAM activities.[48] As discussed in greater detail below, we propose to modify our rules to create a licensing framework specific to ISAM space stations within our part 25 rules for licensing commercial space stations. We also propose to apply our existing orbital debris mitigation requirements to ISAM space stations and to address the spectrum needs of ISAM operators on a case-by-case basis. At the same time, we propose to maintain our part 5 experimental licensing rules as an option for licensing ISAM space stations not providing commercial service.

1. Licensing Rules for ISAM Space Stations

11. *Commercial Readiness of ISAM activities.* The NOI sought comment on possible approaches for licensing different types of ISAM operations, including servicing, assembly, manufacturing, and ADR.[49] The record demonstrates that various ISAM operations are developing at different rates.[50] Some commenters recommend that we develop rules specific to categories of ISAM activities that are at a high level of technological readiness, like servicing, while adopting broad performance-based regulations that could apply to categories of ISAM activities that are still developing and could become more common in the future, like assembly and manufacturing.[51] We agree with commenters that communications operations of certain ISAM activities may need to be regulated differently,[52] but do not propose separate rules for different types of ISAM activities at this time. Instead, we propose to move forward by creating a new framework for applications for U.S. authorizations or grants of market access[53] that applies broadly to space stations associated with all activities that fit within the proposed definition of ISAM. This proposed approach will allow applicants for any type of ISAM activity to apply for a U.S. license or market access grant pursuant to these new rules and will provide a framework to support future regulations for specific ISAM activities that may be necessary as the industry develops. We seek comment on whether there are different factors of servicing, assembly, or manufacturing activities that necessitate specific rules or a specific framework at this time.

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[48] *ISAM NOI*, 37 FCC Rcd at 10028-31, paras. 16-26.

[49] *Id.* at 10028-31, paras. 16-26.

[50] Aerospace Comments at 2-3, 49, 65; Starfish Space Comments at 2; *see also* Atomos Comments at 7 (suggesting that with some modifications, part 25 licensing will be appropriate for fully developed and mature ISAM business models); CONFERS Comments at 9, 11 (encouraging the Commission to move forward with rulemaking under part 25 for servicing but suggesting that assembly and manufacturing are not yet developed enough for concrete requirements); *see* AIA Comments at 2 (supporting the continued allowance of allocations pursuant to part 25 and part 5 licenses for ISAM services).

[51] *See* Aerospace Comments at 2-3; 49, 65; U.S. Chamber of Commerce Reply at 3; ULA Comments at 4 (suggesting the Commission's rules "should rely on experience from initial missions instead of attempting to regulate every aspect of the broader ISAM ecosystem from the start"); CSF Comments at 1-2; Astroscale Reply at 6; Spaceflight Comments at 3-4; *see also* Thuraya Comments at 2; Intelsat Comments at 8; SpaceX Comments at 6; Starfish Space Comments at 2; TechFreedom Comments at 16; ULA Comments at 1; CONFERS Comments at 9.

[52] *See* Aerospace Comments at 22-23 (suggesting that servicing missions, which operate by interacting with separate client space stations, should be regulated differently from assembly, manufacturing, or planetary protection missions, which likely do not involve communications between spacecraft).

[53] Satellite operators who file for a license through the FCC are licensees, and operators who have been previously licensed by a foreign regulator who seek access to provide satellite communications in the U.S. market must request U.S.-market access through a petition for declaratory ruling, or if a U.S.-earth station operator files a license application to communicate with the foreign operator. *See*, *generally*, *Amendment of the Commission's Regulatory Policies to Allow Non-U.S.-Licensed Satellites to Provide Domestic and International Service in the United States*, IB Docket No. 96-111; Report and Order, 12 FCC Rcd 24094 (1997) for background on the Commission's rules to allow market access grantees to provide satellite services to the U.S. market. Unless indicated otherwise, when we refer to the term license or licensee in this document, we also include market access grants or grantees.

12. *Licensing ISAM Space Stations Through Part 5 and Part 25.* Commenters note that ISAM remains nascent, and it may be five to ten years before the industry generally shifts toward requiring part 25 licensing for commercial space stations (rather than part 5 licensing for experimental space stations, which remains an important licensing avenue for operators as ISAM technology develops).[54] Some commenters suggest updating the part 5 rules "to more readily enable ISAM operations."[55] Others caution against rule updates to part 5, explaining that "[c]hanging the Part 5 rules would pose an unnecessary drain on FCC resources and take years to complete."[56] We note that several ISAM space stations have successfully received experimental licenses through the part 5 process,[57] and therefore, we do not propose to modify the part 5 experimental license rules at this time. We propose to continue to utilize both part 5 and part 25 licensing in appropriate circumstances to provide radiofrequency licensing to support ISAM development. and seek comment on this proposal.

13. *Definition of ISAM Space Station.* As an initial matter, we propose to include a definition of "ISAM space station" in section 25.103 of the Commission's rules.[58] We propose that operators wishing to apply using our proposed framework for ISAM space stations must plan to operate space stations that fit this definition, although space stations that fall within the definition would not be precluded from applying through our regular part 25 rules or through our existing processes for small satellites or small spacecraft. We propose to define "ISAM space station" as follows: "A space station that has the primary purpose of conducting in-space servicing, assembly, and/or manufacturing activities used on-orbit, on the surface of celestial bodies, and/or in transit between these regimes. Servicing activities include but are not limited to in-space inspection, life-extension, repair, refueling, alteration, and orbital transfer of a client space object, including collection and removal of debris on orbit. Assembly activities involve the construction of space systems in space using pre-manufactured components. Manufacturing activities involve the transformation of raw or recycled materials into components, products, or infrastructure in space." We note that this definition is drawn from the definition of ISAM in the ISAM National Strategy.[59] We seek comment on this proposed definition. Specifically, should we further define "primary purpose" and, if so, how? Are there ISAM activities that would not be included in this definition? Conversely, is this definition so broad that it risks creating confusion as to whether more traditional space stations are included and, if so, how should it be tightened?

14. *Proposed Section 25.126.* In general, we propose to require applicants for authorization for ISAM space stations to comply with the rules of either our regular part 25 licensing process[60] or our streamlined processes for small satellites[61] and small spacecraft,[62] with some exemptions. We note that ISAM technologies are still nascent, and we view our proposed approach to regulating ISAM space stations as iterative, developing with the capabilities and needs of the industry. We believe licensing ISAM space stations under our current rules, including rules for applications for grants of market access

[54] Aerospace Comments at 2-3, 49, 65; Starfish Space Comments at 2; Atomos Comments at 7-8; CONFERS Comments at 9, 11; Rogue Space Comments at 4; AIA Comments at 2; OneWeb Comments at 3; Orbit Fab Reply at 3; Turion Comments at 7; Astroscale Comments at 26 (suggesting that ISAM operators should remain free to elect to license under part 5 or part 25, as is appropriate for their mission).

[55] Atomos Comments at 8.

[56] Orbit Fab Reply at 3.

[57] *See*, *e.g.*, *SpaceIce Application*, ELS File. No. 0985-EX-CN-2019 (granted Oct. 8, 2020); *see also NanoRacks Mars Outpost experiments* (granted May 28, 2021, and Nov. 15, 2021).

[58] 47 CFR § 25.103.

[59] ISAM National Strategy at 6.

[60] 47 CFR § 25.114.

[61] 47 CFR § 25.122.

[62] 47 CFR § 25.123.

and rules for modifications to operations, and reviewing ISAM applications on a case-by-case basis, will allow us to address the particular needs of ISAM space station operations of different durations and in different orbits.[63] We believe this proposed approach will provide the industry with flexibility while ISAM capabilities develop. We also believe this approach will allow the Commission to continue to develop a record on ISAM while gaining more experience licensing radiofrequency use for ISAM space stations, allowing the Commission to be in the best position to propose additional rule modifications if needed for ISAM space stations in the future. We seek comment on this approach.

15. We propose to create a new section 25.126—Applications for ISAM Space Stations—to aggregate the requirements applicants for ISAM space stations must fulfill and enumerate the exemptions from our typical processes they are entitled to. We believe creating a new rule section specific to ISAM space stations will make the process transparent for the industry, providing applicants for authorization for ISAM space stations one rule section that details the application process and clearly indicates the other rule sections with which applicants must comply. We propose that applicants that fit within our proposed definition of "ISAM space station," detailed above, would be able to use the proposed framework in section 25.126. We propose that operators of ISAM space stations could apply for both U.S. authorizations and grants of U.S. market access using the proposed framework in this section. We seek comment on this general approach.

16. Specifically, the proposed new section 25.126 would require applicants to submit a comprehensive proposal for Commission evaluation on Form 312, Main Form, and Schedule S, as described in section 25.114(a) through (c), consistent with our regular part 25 licensing and small satellite and small spacecraft licensing requirements.[64] We propose to allow ISAM space station operators to continue to apply under the small satellite and small spacecraft streamlined processes, provided they satisfy all the requirements of each respective process. We propose that ISAM space stations that do not meet the criteria for the small satellite or small spacecraft processes would continue to be subject to the remaining licensing requirements for GSO or NGSO operators under our regular part 25 application process and therefore would be required to provide the information required by our rules with their application.

17. We recognize that radiofrequency operations for ISAM space stations seem more capable of spectrum sharing than other commercial space stations we have authorized under our part 25 rules and generally require shorter durations of intensive communications operations.[65] We therefore propose to exempt all applications for licenses for space stations that fit our proposed definition of ISAM space stations from processing round requirements for NGSO-like operations under section 25.157 and from first-come-first-served requirements for GSO-like operations under section 25.158, provided they certify that operations of the space station(s) will be compatible with existing operations in the authorized frequency bands and submit a narrative description to demonstrate spectrum sharing capabilities are technically possible, and that the operations will not materially constrain future space station entrants from using the authorized frequency band(s).[66] These proposals and exemption criteria would be located in new section 25.126 and the corresponding sections 25.157 and 25.158 would be updated to reflect these exemptions. We tentatively conclude that this licensing framework will allow greater flexibility for ISAM operators looking to operate as a GSO or NGSO space station while protecting future and incumbent satellite operators from interference. We also propose to include a requirement in 25.126 for ISAM operators to provide ICFS file numbers or call signs for any FCC-related applications or grants or a list of ITU filings and UN Registration information for any related space stations not licensed or granted

[63] *See*, *e.g.*, 47 CFR § 25.121.

[64] 47 CFR § 25.114(a)-(c); *see also* 47 CFR §§ 25.122(a), 25.123(a).

[65] *See infra* paras. 33-36 for a detailed discussion of ISAM radiofrequency use.

[66] *See infra* para. 36.

market access by the United States, which we explain in more detail below.[67] We note that our proposal to exempt ISAM operators from our processing round and first-come-first-served queue, given relevant showings, does not modify our obligations to coordinate authorizations with federal operators when spectrum shared by federal and nonfederal users is requested. We seek comment on these proposals. We also seek comment regarding whether other rule changes are necessary to effectuate the proposed approaches discussed above. Commenters should specify which rules and explain the basis for recommending additional revisions.

18. *Surety bonds.* In addition to the exemptions that we propose in 25.126, we also propose to defer the posting of surety bonds by one year after the grant of a license for ISAM operators. This proposal is consistent with our treatment of small satellites and small spacecraft.[68] Spaceflight suggests that the policy objective underlying the Commission's surety bond requirement[69] is to prevent operators from warehousing spectrum for years while failing to follow through on deploying their planned system, but many ISAM operators would meet these objectives without a bond requirement.[70] Spaceflight notes that ISAM space stations are not likely to have exclusive use of spectrum and are likely to be licensed relatively close to launch, and a surety bond would be excessive for many ISAM operators and disproportionate to the cost of developing the space stations.[71] Spaceflight says these considerations match the considerations the Commission relied on when it decided to implement a one-year grace period for filing of a bond for satellites authorized under the streamlined process for small satellites[72] and recommends the Commission adopt a rule allowing ISAM operators to demonstrate they meet the policy objectives of the surety bond requirement in lieu of filing a surety bond. For operators that cannot make such a showing, Spaceflight suggests that the Commission allow ISAM operators one year to file a bond or meet milestone requirements, in line with the rules for streamlined small satellites and small spacecraft.[73] Intelsat also notes that the Commission waived bond and milestone requirements for SpaceLogistics's MEV-1 servicer vehicle because MEV-1 and Intelsat's satellite were treated as one for purposes of the specific operation.[74] While we tentatively conclude that a one-year grace period for surety bonds for ISAM space stations is appropriate, we do not propose to follow Spaceflight's suggestion of allowing operators to demonstrate compliance with policy objectives of the bond requirement.[75] We believe this type of individualized showing can be handled through a waiver request.[76]

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[67] *See infra* paras. 19-21.

[68] *See* 47 CFR § 25.165(a); *Streamlining Licensing Procedures for Small Satellites, Report and Order*, 34 FCC Rcd 13077, 13112-13, paras. 93-97 (2019) (*Small Satellite R&O*).

[69] In accordance with our rules, the recipient of a space station license or grant of U.S. market access must post a surety bond within 30 days of the date of issuance of the license or grant. Under the rules, a licensee will be in default with respect to the bond if it fails to satisfy certain milestone requirements or surrenders its license before meeting an applicable milestone requirement. The part 25 milestone rules require that a recipient of an initial authorization for an NGSO system must launch 50% of the maximum number of space stations authorized for service, place them in their assigned orbits, and operate them in accordance with the station authorization no later than 6 years after the grant of the authorization. Additionally, the operator must deploy and begin operations with the full system no later than nine years after grant or accept a reduction in its authorized satellites to the number launched and operational at that time. 47 CFR §§ 25.164, 25.165.

[70] Spaceflight Comments at 7.

[71] *Id.* at 8.

[72] *Id.* at 7-8.

[73] *Id.* at 8.

[74] Intelsat Comments at 5.

[75] Spaceflight Comments at 8.

[76] The Commission may waive any rule for good cause shown. 47 CFR § 1.3. Waiver is appropriate where the particular facts make strict compliance inconsistent with the public interest. *Northeast Cellular Tel. Co. v. FCC*,

(continued)

Specifically, we propose a one-year grace period, during which ISAM space station operators would not have to post a bond. The grace period would begin 30 days after the license is granted, since this is typically when a licensee would have to post the surety bond. If within the one-year grace period, the ISAM operator satisfies the Commission's milestone requirement, then no bond is required. This proposal is similar to the rules regarding surety bond requirements for small satellites and small spacecraft.[77] We seek comment on these proposals.

19. *U.S.-Licensed Servicing and Client Operations*. Starfish Space recommends that client space stations being serviced should not need to obtain a license modification unless the client space station will need to use new or unlicensed frequencies during or following the servicing.[78] For U.S.-licensed client space stations, we tentatively agree with Starfish that cases are limited where client operators should be required to modify authorizations, but we do not propose to set forth specific scenarios in which a client need not obtain a modification. While some ISAM activities, such as inspection or repair, might not result in changes that necessitate a modification, other activities, including orbital transfer or mission extension, could change the client's orbital location, which could alter the parameters of frequency operations and orbital debris mitigation information that was reviewed and authorized by the Commission. As ISAM capabilities are still developing, we tentatively conclude it is in the public interest to assess whether a client space station operator should obtain a license modification on a case-by-case basis, rather than attempt to lay out all possible scenarios that would require modification. We seek comment on this approach.

20. To facilitate review of whether a client space station must seek a modification, we propose to include a requirement in our new proposed section 25.126 for ISAM space station applicants to provide a list of FCC file numbers or call signs for all related space stations, including experimental applications and grants and other applications and grants under part 25. This requirement is similar to the requirement in our streamlined process for small satellites and small spacecraft,[79] but we propose to expand what we consider to be "related" applications and grants in the context of ISAM applications. We propose that related applications and grants would include not only space stations operated by the same operator, but could also include client space stations, space stations that have become debris the applicant seeks to remediate, and other space stations the applicant plans to interact with or collaborate with as part of its operations. We propose to require this information from all applicants that fit within our proposed definition of ISAM space stations, whether the operator is applying under our regular part 25 process or our streamlined processes under sections 25.122 and 25.123. We seek comment on this proposal.

21. *International Servicing and Client Operations.* The NOI asked a number of questions regarding how to license ISAM space stations that may plan to interact with a non-U.S.-licensed space station.[80] When considering U.S.-licensed space stations interacting with non-U.S. client space stations, Blue Origin asserts that the Commission should only seek the name of the client space station, its licensing administration, and associated International Telecommunications Union (ITU) filings because the client is not seeking U.S. market access and so there should be no spectrum management concerns to

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897 F.2d 1164, 1166 (D.C. Cir. 1990). In making this determination, we may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis. *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969), *cert. denied*, 409 U.S. 1027 (1972); *Northeast Cellular*, 897 F.2d at 1166. Waiver is therefore appropriate if special circumstances warrant a deviation from the general rule, such deviation will serve the public interest, and the waiver does not undermine the validity of the general rule. *NetworkIP, LLC v. FCC*, 548 F.3d 116, 125-28 (D.C. Cir. 2008); *Northeast Cellular*, 897 F.2d at 1166; *WAIT Radio*, 418 F.2d at 1158.

[77] 47 CFR § 25.165(a); *see also Small Satellite R&O*, 34 FCC Rcd at 13112-14, paras. 93-97.

[78] *See* Starfish Space Comments at 2-3.

[79] 47 CFR §§ 25.122(d)(6), 25.123(c).

[80] *ISAM NOI*, 37 FCC Rcd at 10031, paras. 25-26.

address.[81] Despite this suggestion, we tentatively conclude that spectrum management may be implicated in certain cases when U.S.-licensed space stations interact with or service non-U.S. licensed space stations, given that there may be a wide range of factual scenarios, including servicing for the purpose of altering the location at which a client spacecraft operates or altering other technical characteristics of operations. We also believe sufficient information concerning the proposed operations must be available to ensure that an authorization is in the public interest. For example, a servicing mission that contemplates facilitating client space station operations fundamentally inconsistent with U.S. interests, such as operations that might interfere with other U.S. satellites, should be identified in the authorization process. Likewise, we do not propose to presume that client space station operators are in possession of a license, as Starfish suggests.[82] That approach might, for example, result in the servicing mission facilitating an activity by the client satellite that has not been authorized by the administration to which it is subject. Therefore, for client space stations licensed outside of the United States, both with or without U.S. market access grants, we propose to require that the license applicant provide the client's ITU filings and United Nations (U.N.) registration information, as well as a discussion of regulatory requirements to which the client satellite and its operators are subject, and the status of any regulatory approvals required for the client satellite's participation in the servicing activity. This baseline information may also facilitate any necessary coordination with other U.S. government agencies, such as the State Department. We propose to require this information in our proposed new rules for applications for ISAM space stations to be located in section 25.126. We seek comment on these proposals.

22. *International Coordination.* Aerospace argues that it would be impractical and unreasonable to require an operator to undergo the ITU's seven-year coordination process for frequencies it will use to service a single satellite and will not use once it moves away from that satellite.[83] Aerospace suggests that notifying the Radiocommunications Bureau at the ITU of a commercial ISAM mission would be a prudent alternative and coordination could be accomplished for TT&C operations used throughout the life of an ISAM space station.[84] We recognize the current ITU process poses challenges to ISAM operators, but the ITU Radio Regulations are a treaty by which the United States is bound, and the Commission cannot unilaterally modify what activities and frequencies need to be coordinated with the ITU through a rulemaking process. We therefore propose not to accept Aerospace's suggestion that we simply notify the Radiocommunications Bureau at the ITU of a commercial ISAM mission instead of coordinating in accordance with ITU Radio Regulations. But we do propose, as part of ongoing work on ISAM activities, to continue to coordinate with other federal agencies, including the State Department, to support international servicer-client arrangements. We seek comment on these proposals.

2. Orbital Debris Mitigation and ISAM Space Stations

23. The NOI sought comment on orbital debris mitigation concerns specific to ISAM activities in general.[85] Specifically, the Commission sought comment on how ISAM activities might not fit into our current orbital debris mitigation requirements, for example by storing fuel on-orbit rather than using or depleting fuel (refueling depots), or by creating debris as byproducts of servicing or manufacturing activities, and how we might modify our current orbital debris mitigation requirements to

[81] Blue Origin Comments at 6 (stating that any non-spectrum related concerns can be addressed by the State Department); *see also* Starfish Space Comments at 2 (suggesting the Commission presume client operators are in possession of a relevant license).

[82] Starfish Space Comments at 2.

[83] Aerospace Comments at 22.

[84] *Id.* (noting that additional information about frequency use for individual ISAM missions the spacecraft will perform could be appended to ITU documents coordinating the TT&C operations).

[85] *ISAM NOI*, 37 FCC Rcd at 10031-32, paras. 27-28.

account for the additional risks that ISAM operations may pose.[86]

24. At this time, we tentatively conclude to retain the same orbital debris mitigation requirements for ISAM operators as for other space station operators.[87] As stated in the NOI, our orbital debris mitigation requirements apply to all space station operators, including operators of ISAM space stations.[88] We note that our current orbital debris mitigation rules are performance based, in that they require demonstration of results rather than dictating specific methods operators must use to meet those results,[89] and so we propose that we do not need to modify our rules for ISAM communications to accommodate requests in the record for performance-based orbital debris mitigation requirements for ISAM space stations.[90] Our orbital debris mitigation requirements are also based on the United States government's Orbital Debris Mitigation Standard Practices (ODMSP) developed by NASA.[91] We therefore do not propose to modify our orbital debris rules at this time or to require additional orbital debris mitigation showings for ISAM space stations in general. Rather we propose that ISAM operators will either comply with orbital debris requirements under the regular part 25 licensing process,[92] or under the small satellite or small spacecraft processes, if they apply under those streamlined licensing processes.[93] We propose to include a requirement that applicants for ISAM space stations submit the orbital debris mitigation information under the rules of their chosen application process in our proposed new section 25.126, as part of our proposal to clearly lay out the application process for ISAM operators in that section. We also propose to review any applications for ISAM space stations on a case-by-case basis, just as we do with other license applications, to ensure compliance with our orbital debris mitigation requirements. We believe this approach will maximize operator flexibility and therefore allow ISAM technologies and capabilities to develop while allowing the Commission to ensure continued orbital safety for all operators. We seek comment on this proposed approach.

25. *ISAM Activities that May Pose Additional Risks.* We note that commenters suggest that some ISAM activities, such as refueling, life extension, and orbital transfer activities, along with assembly and manufacturing activities, might pose additional risks for creating orbital debris by way of increased risk of accidental explosions, increased risk of release of debris during normal operations, increased risk of collisions, or decreased post-mission disposal reliability, and therefore these space stations must not be held to lesser standards than other operators and must be examined closely by the Commission.[94] We seek comment on whether our current orbital debris mitigation rules are sufficient to protect the orbital environment from these additional risks. Are there additional specific orbital debris

[86] *Id.* at 10032, para. 28.

[87] *See*, *e.g.*, Iridium Reply at 4; OneWeb Comments at 3; Aerospace Comments at 27; Orbit Fab Comments at 16.

[88] *ISAM NOI*, 37 FCC Rcd at 10031-32, para. 27.

[89] *See* 47 CFR § 25.114(d)(14).

[90] *See*, *e.g.*, Aerospace Comments at 2, 64; Starfish Space Comments at 3; Astroscale Comments at 34; Spaceflight Reply at 5-6; CONFERS Comments at 12. We also note that several commenters encourage us to allow the ISAM industry to naturally develop and arrive at best practices regarding orbital debris mitigation. *See*, *e.g.*, Lockheed Martin Comments at 8; Starfish Space Comments at 2-3; Spaceflight Comments at 6; CONFERS Comments at 12; Astroscale Comments at 32.

[91] *See Orbital Debris R&O and FNPRM*, 35 FCC at 4160-61, para. 7 (noting that SPD-3 charged NASA, in coordination with other agencies and in consultation with the FCC, to lead efforts to update orbital debris mitigation standard practices (ODMSP) for missions operated or procured by U.S. government agencies and that best practices derived in part from the ODMSP should be incorporated into future rulemaking and licensing actions); *see also 2004 Orbital Debris Order*, 19 FCC Rcd at 11609-12, paras. 102-108.

[92] *See* 47 CFR §§ 25.114(d)(14) (informational requirements), 25.283 (end-of-life disposal).

[93] 47 CFR §§ 25.122(c) & (d), 25.123(b) & (c).

[94] Iridium Reply at 4; Aerospace Comments at 27-28, 30, 32-34; Starfish Space Comments at 4; *but* see Orbit Fab Comments at 8; Aerospace Comments at 28-30.

showings we should consider for these activities?

3. Orbital Debris Remediation Activities

26. The NOI asked a series of questions to gain information on the state of orbital debris remediation technologies and industry development, including whether and how the Commission should consider ADR as part of an applicant's orbital debris mitigation plan and what actions the Commission could take to promote growth and innovation for ADR.[95] We agree with commenters that ISAM activities can play a role in orbital debris remediation and space sustainability.[96] Aerospace asserts that some ADR technologies, such as tow truck, robotics, and RPO technologies, are at a high level of readiness and reliability, while other technologies, including for capture and stabilization of debris with high spin or tumble rates, are at a much lower level of technological readiness and reliability.[97]

27. We propose that operators engaging in ADR and similar orbital debris remediation activities could seek authorization through the same process for ISAM space stations outlined in this NPRM, including requiring space stations conducting ADR to demonstrate compliance with the Commission's orbital debris rules. We seek comment on this proposal. In particular, we seek comment on whether we should impose additional requirements on applicants for ISAM space stations conducting debris remediation activities to mitigate potential additional risks from these activities.

28. In response to the NOI's queries on whether ADR should be factored into post-mission disposal requirements or otherwise be fostered by Commission action,[98] commenters suggest the Commission make clear that ADR is permitted as a means to demonstrate compliance with the Commission's orbital debris rules and recommend that the Commission encourage all space station operators to include navigational aids and grappling fixtures to assist with potential ADR.[99] We agree that acknowledging third-party services as an option for post-mission disposal will likely further our goals of promoting innovation and growth of ADR and will also likely provide additional flexibility to applicants when considering their end-of-life disposal options. To date, the Commission's rules do not prescribe any particular method of end-of-life disposal of NGSO space stations, and instead the Commission reviews an applicant's orbital debris mitigation plans for such disposals on a case-by-case basis.[100] The Commission has previously stated that it did not intend to dismiss or foreclose direct retrieval as a method of end-of-life disposal and that disposal plans involving direct retrieval would be evaluated if direct retrieval were implemented in the future.[101] As such, we do not propose to modify our rules to list ADR explicitly as a post-mission disposal method. We note that the ODMSP stresses the importance of ensuring that orbital debris remediation activities do not risk creating debris greater than

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[95] *ISAM NOI*, 37 FCC Rcd at 10032-33, paras. 29-30. ADR refers to missions that perform a remediation or removal function for preexisting orbital debris, including defunct satellites, satellite fragments, and material released during normal operations. *Id.*

[96] *See*, *e.g.*, Astroscale Reply at 7; Aerospace Comments at 34-36; Starfish Space Comments at 4; Orbit Fab Comments at 8-14; Kuiper Reply at 3; CONFERS Comments at 11.

[97] *See* Aerospace Comments at 39; *see also* Astroscale Comments at 6-7 (asserting that initial ISAM market growth will be driven by the servicing elements of ISAM, including active debris removal, as well as life extension services, and end-of-life services).

[98] *ISAM NOI*, 37 FCC Rcd at 10032-33, para. 30.

[99] CONFERS Comments at 12-13; Aerospace Comments at 40, 44-46, 52; OneWeb Comments at 2-3; Starfish Space Comments at 3-4; Relativity Space Comments at 2; Kuiper Reply at 2. Aerospace suggests the Commission only consider ADR as a backup to post-mission disposal plans at this time. Aerospace Comments at 40-42.

[100] *2004 Orbital Debris* Order, 19 FCC Rcd at 11601-02, para. 84 (stating that for NGSO space stations, the Commission intends to examine disclosures of information concerning the end-of-life disposal of NGSO space stations on a case-by-case basis).

[101] *2004 Orbital Debris* Order, 19 FCC Rcd at 11591, para. 60, n.161.

the debris the operation seeks to remediate,[102] and we therefore propose that plans to use ADR for post-mission disposal will continue to be reviewed on a case-by-case basis, including review of the risk of generating debris greater than the debris the operation seeks to remediate and human casualty risk for remediated debris disposed of through atmospheric reentry, along with compliance with our other orbital debris mitigation rules. We believe our proposal to review use of ADR for post-mission disposal on a case-by-case basis is in line with our proposal to review all ISAM space stations, including ISAM space stations conducting ADR activities, on a case-by-case basis and will allow maximum flexibility for operators, thereby fulfilling our goal of promoting growth in the industry. We seek comment on this approach.

29. Additionally, we believe that Aerospace's suggestion that the Commission require ADR plans as a back-up for large constellations' post-mission disposal plans[103] has merit for consideration. In cases of large constellations, as Aerospace points out,[104] numerous defunct satellites could be left in orbit even while meeting our current post-mission disposal requirements. Given that the technology for ADR is still nascent and developing, however, we do not propose to adopt rules on this issue at this time, but we expect to consider this possibility in the future.

30. The NOI asked specifically whether an operator bond associated with removal would be an appropriate mechanism for ensuring ADR.[105] Commenters responding to the NOI present a range of views regarding potential bonds associated with post-mission disposal reliability, from support for the proposal,[106] to requests for further study,[107] to concerns that a bond would chill innovation and be less effective than strong orbital debris mitigation requirements.[108] We agree that further consideration of this issue is warranted, but as we are also continuing to consider post-mission disposal bonds in general in our orbital debris proceeding,[109] we defer this issue as related to ISAM and debris remediation to a later time when we can consider it more fully.

31. Finally, despite the suggestions of some commenters, we defer proposals to modify regulatory and application fees to appropriate regulatory or application fee proceedings in the future.[110]

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[102] U.S. Government Orbital Debris Mitigation Standard Practices, November 2019 Update, at p. 8, Section 5-4. Available at: https://orbitaldebris.jsc.nasa.gov/library/usg_orbital_debris_mitigation_standard_practices_november_2019.pdf (ODMSP). The ODMSP states: "In developing the mission profile for an active debris removal operation on a debris structure, the program should limit the risk of debris generation as an outcome of the operation. The program should (1) avoid fragmentation of the debris structure, (2) limit the probability of accidental collision, and (3) limit the probability of accidental explosion resulting from the operations. Any planned debris generated as a result of the operations should follow the standard practices for mission-related debris set forth in Objective 1. The operations should be designed for the debris structure to follow applicable post-mission disposal practices set forth in Objective 4."

[103] Aerospace Comments at 42.

[104] *Id.*

[105] *ISAM NOI*, 37 FCC Rcd at 10032-33, para. 30. The NOI also noted that the Commission proposed a bond associated with successful post-mission disposal of a spacecraft in our ongoing orbital debris proceeding, and that a bond to incentivize ADR could potentially be tied to a general bond associated with successful post-mission disposal. *Id.* at 10032-33, para. 30, n. 56.

[106] ALPA Comments at 3.

[107] *See* Aerospace Comments at 43.

[108] *See* Iridium Reply at 6; Aerospace Comments at 43.

[109] *See Orbital Debris R&O and FNPRM*, 35 FCC Rcd at 4245-49, paras. 193-205.

[110] *See e.g.* Astroscale Reply at 8.

The Commission is required by the Communications Act to collect application fees[111] and regulatory fees.[112] The Communications Act provides specific exemptions from application fees[113] and regulatory fees.[114] Moreover, the Commission's authority to waive application fees or regulatory fees is limited to specific instances and the Commission has consistently rejected consideration of waiving such fees for classes of applicants or regulatees.[115] As this proceeding progresses, we will propose any relevant regulatory fee or application fee updates for ISAM space stations as part of future Commission's regulatory and application fee proceedings.

C. Radiofrequency Spectrum to Support ISAM

32. We tentatively conclude that various communication activities in support of ISAM can potentially operate within several existing service allocations, and we propose to review ISAM operators' requests for frequency use on a case-by-case basis, consistent with our process for reviewing requests for frequency use for small satellites and small spacecraft. We seek comment on these proposals.

33. *Communication Operations and Service Allocations.* ISAM space station operations will require the use of TT&C,[116] as several commenters note.[117] Numerous commenters also explain that ISAM space stations may, at times, require other communications for limited duration, such as video,

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[111] 47 U.S.C. § 158.

[112] 47 U.S.C. §§ 158 and 159. 47 U.S.C. §§ 158 and 159; *2020 Regulatory Fee Reform Order*, 35 FCC Rcd at 4977-4978, paras. 2-3; 47 U.S.C. §§ 159(a) ("shall assess and collect regulatory fees"), 159(b) ("Commission shall assess and collect regulatory fees at such rates as the Commission shall establish in a schedule of regulatory fees that will result in the collection, in each fiscal year, of an amount that can reasonably be expected to equal the amounts described in subsection (a) with respect to such fiscal year."); *see also* 47 U.S.C. § 156(b).

[113] The application fee exemptions are as follows: "(A) a governmental entity; (B) a nonprofit entity licensed in the Local Government, Police, Fire, Highway Maintenance, Forestry-Conservation, Public Safety, or Special Emergency Radio radio services; or (C) a noncommercial radio station or noncommercial television station." 47 U.S.C. § 158(d)(1).

[114] The regulatory fee exemptions are as follows: "(A) a governmental entity or nonprofit entity; (B) an amateur radio operator licensee under part 97 of the Commission's rules (47 CFR part 97); or (C) a noncommercial radio station or noncommercial television station." 47 U.S.C. § 159(e)(1); 47 CFR § 1.1162. In addition, Congress codified in the RAY BAUM's Act the Commission's *de minimis* rule through the adoption of new section 9(e)(2). *See FY 2019 Report and Order*, 34 FCC Rcd at 8206-07, paras. 46-47.

[115] 47 U.S.C. § 159A(d)(1); 47 CFR § 1.1166; *Amendment of the Schedule of Applications Fees Set Forth in* Sections *1.1102 through 1.1109 of the Commission's Rules*, FCC 20-116, Notice of Proposed Rulemaking, 36 FCC Rcd. 1618, 1621, 1682-1683, paras. 5, 238, 239 (2020) (reviewing the history of application fee waivers and the Commission's narrow construction of the statutory waiver authority); *Assessment and Collection of Regulatory Fees for Fiscal Year 2019*, FCC 19-37, Notice of Proposed Rulemaking 34 FCC Rcd. 3272, paras. 33-36 (2019) (reviewing the history of regulatory fee waivers and the Commission's narrow construction of the statutory waiver authority).

[116] TT&C refers to telemetry, tracking, and command (telecommand). Space telemetry is defined as "[t]he use of telemetry for the transmission from a space station of results of measurements made in a spacecraft, including those relating to the functioning of the spacecraft." 47 CFR § 2.1(c); ITU R.R. No. 1.133. Space tracking is the "determination of the orbit, velocity or instantaneous position of an object in space by means of radiodetermination, excluding primary radar, for the purpose of following the movement of the object." 47 CFR § 2.1(c); ITU R.R. No. 1.136. Space telecommand is "[t]he use of radiocommunication for the transmission of signals to a space station to initiate, modify or terminate functions of equipment on an associated space object, including the space station." 47 CFR § 2.1(c); ITU R.R. No. 1.135.

[117] *See*, *e.g.*, TechFreedom Comments at 14 (suggesting ISAM operations are primarily TT&C related); Aerospace Comments at 8; CONFERS Comments at 4; Turion Space Comments at 2. Aerospace explains that TT&C use will vary depending on the stage of the ISAM mission, from intermittent use at transit to or from a client satellite during a servicing mission to continuous use during RPO, docking, and active stages of servicing, assembly, and manufacturing missions. Aerospace Comments at 8-9, 23.

imaging, location sensing information, other status information, and other data downlink and suggest that TT&C allocations alone will not cover all stages of most ISAM operations.[118] Commenters also raise the need for communications between space stations, such as between a servicing space station and a client or between multiple space stations supporting a common and complex assembly or manufacturing mission,[119] and note that these communications may likely occur at low power given the proximity of the space stations involved.[120] Commenters indicate that ISAM frequency use will need to be agile, changing to communicate with client satellites or to avoid interfering with GSO satellites as an ISAM space station transits close to the GSO arc.[121] NTIA and Aerospace also note that ISAM space stations could utilize relay satellites or satellite networks for data downlink and other communications.[122]

34. Numerous commenters suggest that the space operation service[123] fits well with some aspects of ISAM operations, particularly TT&C needs,[124] but several also note that the space operation bands are already encumbered by federal users[125] and others assert that some communications needs for

[118] *See*, *e.g.*, Sierra Space Comments at 2 (noting their LIFE habitat will require rapid data transfer to and from Earth); Aerospace Comments at 9-10, 23 (noting servicing missions will require continuous communications integrity during RPO with client space stations); Atomos Comments at 3 (noting brief periods of need for data during RPO, such as space domain awareness data, navigational scrips, communication between ISAMs and nearby spacecraft for docking, etc.); CONFERS Comments at 3-4 (providing a diagram of "typical" spectrum use by mission stage, although noting the challenge of identifying "typical" spectrum use in such a varied communications profile); NTIA Reply at 2 (noting servicing missions will likely have periodic spikes in spectrum demand in order to downlink video data or to engage in "robust, real-time command and control" and that manufacturing and assembly operations may require longer durations of moderate to high spectrum demand).

[119] *See* Aerospace Comments at 10-11, 23 (noting that such communication needs may be greater in the future); Atomos Comments at 8 (explaining that sustainable spectrum allocations for ISAM operations will be necessary for ISAM industry growth); Rogue Space Reply at 2 (noting the need for spectrum for radiolocation and radar for communications between spacecraft); AIA Comments at 1 (noting ISAM activities introduce the potential for regular in-space communication between multiple spacecraft, including human tended spacecraft or habitats).

[120] *See* Aerospace Comments at 11, 23.

[121] *Id.* at 23-24; Starfish Space Comments at 5; *see also* U.S. Chamber of Commerce Reply (concurring that spectrum allocations will need to be flexible to accommodate the diverse needs of ISAM operations over the lifetime of the spacecraft); AIA Comments at 1 (highlighting ISAM activities will require periods of constant, high bandwidth, low latency communications).

[122] *See* Aerospace Comments at 24; NTIA Reply at 3-4.

[123] Space Operation Service is "[a] radiocommunication service concerned exclusively with the operation of spacecraft, in particular space tracking, space telemetry, and space telecommand. Note: These functions will normally be provided within the service in which the space station is operating." 47 CFR § 2.1(c); ITU R.R. No. 1.23.

[124] *See*, *e.g.*, Aerospace Comments at 12; Orbit Fab Comments at 17-18; Atomos Comments at 3; TechFreedom Comments at 14; Astroscale Comments at 20; Turion Space Comments at 4.

[125] TechFreedom Comments at 14, 16 (noting the Commission's 2021 space launch frequency Report and Order and that "the bulk of these frequencies are used as part of launch and satellite deployment operations, and with the cadence of launches increasing exponentially over the past decade, more spectrum is needed just for those operations alone"); CONFERS Comments at 6 (noting space operation service is "largely inaccessible in the United States") at 20-21 (noting that the very limited language in U.S. earth station license grants associated with Astroscale's ELSA-d mission indicated that long-term non-federal use of the S-band for ISAM missions is highly unlikely); Rogue Space Comments at 6 (noting that "Government operators have made clear in other proceedings that some of the bands allocated for 'Space Operations' will not be able to absorb additional ISAM spectrum users"); NTIA Reply Comments at 5-6 (stating that the largest space operations allocations at 2025-2110 MHz and 2200-2290 MHz are only allocated for Federal use or for commercial use limited to launch in the United States, and that these two bands are heavily used today and require extensive coordination even among federal users).

ISAM space stations may not fit in this service.[126] Some suggest that space research service,[127] fixed-satellite service (FSS),[128] mobile-satellite service (MSS), inter-satellite service,[129] or even Earth-exploration satellite service (EESS)[130] allocations, as well as experimental licensing and other flexible options could be construed to allow for certain ISAM operations.[131] The Commission's rules define service allocations according to the ITU definitions,[132] and we rely on these definitions as we consider requests for frequency authorization as part of our licensing process. We tentatively conclude that various ISAM operations could fit within numerous service allocation definitions. For example, we need not read the definition of space research services, "a radiocommunications service in which spacecraft or other objects in space are used for scientific or technological research purposes,"[133] to be fundamentally at odds with commercial satellite operations given that the plain language of the definition does not exclude commercially-based scientific or technological research operations.[134] Additionally, we propose that the space operation service, which is "concerned exclusively with the operation of spacecraft, in particular

[126] Atomos Comments at 3; Orbit Fab Reply at 4; Aerospace Comments at 12, 14-16 (noting the space operation service would fit ISAM TT&C needs well, though the definition of the space operation service provides that TT&C should typically occur in frequency bands of the radio service in which the spacecraft normally operates, but currently there is no clearly defined radio service in which ISAM missions normally operate so as to also operate TT&C links); CONFERS Comments at 6 ("The space operation service is not meant for downlinking ISAM payload data.").

[127] Space Research Service is "[a] radiocommunication service in which spacecraft or other objects in space are used for scientific or technological research purposes." 47 CFR § 2.1(c); ITU R.R. No. 1.55.

[128] Fixed-satellite service is "[a] radiocommunication service between earth stations at given positions, when one or more satellites are used; the given position may be a specified fixed point or any fixed point within specified areas; in some cases this service includes satellite-to-satellite links, which may also be operated in the inter-satellite service; the fixed-satellite service may also include feeder links for other space radiocommunication services." 47 CFR § 2.1(c); ITU R.R. No. 1.21.

[129] Inter-satellite service is "[a] radiocommunication service providing links between artificial satellites." 47 CFR § 2.1(c); ITU R.R. No. 1.22.

[130] EESS is "[a] radiocommunication service between earth stations and one or more space stations, which may include links between space stations, in which: (1) Information relating to the characteristics of the Earth and its natural phenomena, including data relating to the state of the environment, is obtained from active sensors or passive sensors on Earth satellites; (2) Similar information is collected from airborne or Earth-based platforms; (3) Such information may be distributed to earth stations within the system concerned; and (4) Platform interrogation may be included. This service may also include feeder links necessary for its operation." 47 CFR § 2.1(c); ITU R.R. No. 1.51.

[131] *See*, *e.g.*, Orbit Fab Comments at 2-3, 17-21 (suggesting use of space operations, space research, FSS, and inter-satellite services, and noting that in-space refueling operations resemble the space operations and space research allocations from a radiofrequency perspective); Astroscale Comments at 24 (urging the Commission to accommodate commercial ISAM missions in current FSS allocations because a large percentage of potential ISAM clients operate in FSS allocations); Aerospace Comments at 12-14 (suggesting use of the space research service, inter-satellite service, FSS, and EESS, along with "experimental licensing or other flexible options"); CONFERS Comments at 6-7 (noting the possibilities of FSS and EESS, but that neither are quite aligned with ISAM operations); Turion Comments at 5-6 (suggesting inter-satellite and fixed-satellite services could fit several different ISAM TT&C and non-TT&C mission activities and suggesting that EESS could house useable spectrum, but noting some distinctions in ISAM operations and typical EESS definitions); NTIA Reply at 4-5 (recognizing that many operators are interested in the space operation service, reiterating that these bands are heavily used by federal agencies and require extensive coordination, suggesting that space research may be appropriate for missions involving scientific or technical research, but asserting that the EESS definition "does not fit ISAM operations").

[132] *See generally* 47 CFR § 2.1(c).

[133] *Id.*; ITU R.R. No. 1.55.

[134] NTIA Reply at 5 (noting that this allocation "could support early demonstration programs").

space tracking, space telemetry, and space telecommand,"[135] need not be as narrowly construed as some commenters seem to suggest.[136] For example, CONFERS states that the space operation service "is not meant for downlinking ISAM payload data."[137] However, we tentatively conclude that at least some ISAM operations could fall within the scope of the space operation definition, especially if the data in question is related to "the operation of spacecraft." At the same time, we note that certain service allocations, such as EESS which is focused on "[i]nformation relating to the characteristics of the Earth and its natural phenomena, including data relating to the state of the environment,"[138] appear to be dedicated to operations that are not typically consistent with ISAM operations.[139]

35. We propose not to limit service allocation designations that might be possible for ISAM operations so long as the requested operations can justifiably fit within the service allocation definition. As such, we propose to continue our current practice of assessing whether an applicant's proposed ISAM operations fall within the applicant's desired service allocation(s) on a case-by-case basis. This proposal is consistent with our considerations for small satellites, where we recognized small satellite operators may engage in a variety of operations.[140] Here, we tentatively propose to maintain as much flexibility as possible for ISAM operators to gain authorization for their operations so long as this does not interfere with other radiocommunications and justifiably fits within service allocation definitions. We seek comment on this proposal. We also note that current satellite services offer some flexibility of use and operation. For example, in certain cases, FSS operators are permitted to provide service to earth stations in motion (ESIM). Similarly, a single satellite constellation can be licensed to provide both FSS and MSS.[141] Given the current state of ISAM development, and the variety of communications needs that ISAM operators may have, we believe that continuing to work within available service allocations, with the modifications to the licensing process proposed in this NPRM, can address many of the frequency demands for ISAM in the near term. We seek comment on this approach.

36. *Proposed Exemptions Consistent with Spectrum Sharing Capabilities*. In keeping with our proposal to provide flexibility in considering frequency authorization, we propose to exempt applicants for ISAM space station authorizations from NGSO-like processing rounds[142] and from the GSO-like first-come-first-served queue,[143] which they could otherwise be subject to under our current regular part 25 satellite licensing regime. This proposal is largely consistent with our approach for NGSO small satellites and small spacecraft, which are exempt from processing rounds where spectrum sharing (that is, not materially constraining other operations in the requested frequency band(s)) is shown to be possible.[144] Commenters have indicated that spectrum sharing is likely possible for many aspects of

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[135] 47 CFR § 2.1(c); ITU R.R. No. 1.23

[136] *See* 47 CFR § 2.1(c); ITU R.R. No. 1.23 (defining space operations service) and 47 CFR § 2.1(c); ITU R.R. No. 1.133 (defining space telemetry); *see also* CONFERS Comments at 6.

[137] CONFERS Comments at 6.

[138] 47 CFR § 2.1(c); ITU R.R. No. 1.51.

[139] *See also* NTIA Reply at 5 ("EESS is intended for Earth-centric sensing, and not aligned with imaging artificial resident space objects or performing inspection services as being considered by ISAM operators.")

[140] *Small Satellite R&O*, 34 FCC Rcd 13077 at paras. 112-14.

[141] *See Single Network Future: Supplemental Coverage from Space*, Notice of Proposed Rulemaking, FCC 23-22, at para. 31 (Mar. 17, 2023).

[142] *See* 47 CFR § 25.157.

[143] *See* 47 CFR § 25.158.

[144] *See* 47 CFR §§ 25.122(d)(6) (requiring applicants for a small satellite license to submit, as part of the application, a description of means by which requested spectrum could be shared with both current and future operators, (*e.g.,* how ephemeris data will be shared, antenna design, earth station geographic locations) thereby not materially constraining other operations in the requested frequency band(s)) and 25.157(i) (allowing NGSO-like applications

(continued)

ISAM operations as well.[145] However, here we expand our proposal to include an exemption for GSO-like space station processes as well as NGSO because we recognize that ISAM space stations could seek to be authorized as a GSO-like space station,[146] whereas our small satellite process focused on NGSO-only.[147] We tentatively conclude that ISAM-related communications licensing would not require processing rounds for NGSO operators or a first-come-first-served queue for GSO space stations if applicants can demonstrate that the proposed operations are technically able to share spectrum and not materially constrain future use of the band. Specific showings would be laid out in the proposed section 25.126, as described above.[148] We seek comment on this proposal and on any alternate approaches we should consider.

37. *Authorizing Frequency Consistent with Client Space Station Allocations.* We recognize commenters' interest in the possibility of ISAM space stations receiving frequency authorization consistent with a client's authorization, also known as frequency "piggybacking."[149] Under our current rules the MEV-1 and MEV-2 licenses allowed for frequency "piggybacking" with the client satellite for certain frequencies. For example, MEV-1, which is attached to and provides life extension services to the Intelsat 901 satellite, is authorized to provide TT&C consistent with Intelsat 901's licensed frequencies and parameters.[150] NTIA notes that "[o]ne of the more straightforward opportunities for ISAM spectrum access is for ISAM missions servicing [FSS and MSS]" and asserts that those missions could use "the same spectrum used by the 'client' satellite" as was done for the MEV-1.[151] We recognize that such an approach may only be an option for a small portion of ISAM space stations, because the space stations would need to be designed with specific communications capabilities to match operational frequencies of client or partner satellites, and may likely only fit with those providing servicing missions, like life-extension and repair.[152] CONFERS also highlights that the option of relying on client frequencies will not work for operators engaged in debris removal.[153] Given the identified limitations on this model, we do not propose "piggybacking" as an overall solution for ISAM-related frequency authorization; rather we note that this option has been authorized under our existing rules in the past, without requiring a change to our rules.

38. *Specific Frequency Bands.* The Commission views its regulation of radiofrequency in

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filed pursuant to the procedures described in § 25.122 to be processed without a processing round).

[145] *See*, *e.g.*, Blue Origin Comments at 3; Thuraya Comments at 3; Atomos *Ex Parte* (June 7, 2023) at 2. *See also*, Astroscale Comments at 14 (asserting that the ability to downlink at higher bandwidths and resultant high data rates can be juxtaposed with diminished bandwidth requirements when no proximity operations are ongoing).

[146] *See*, *e.g.*, Space Logistics, LLC Application for Satellite Space Station Authorization, SpaceLogistics, ICFS File No. SAT-LOA-20170224-00021 (filed Feb. 27, 2017) (checking option for "GSO space station" on Form 312).

[147] *Small Satellite R&O*, 34 FCC Rcd at 13107, para. 80.

[148] *See supra*, section III.B, paras. 15-17.

[149] Intelsat Comments at 5 (using the MEV-1 license as an example, Intelsat notes the ISAM servicer vehicle could "piggyback" on certain client's authorizations while the two objects are connected or working together); Atomos June 7, 2023 *Ex Parte* at 2 (suggesting the Commission formalize the process used for the MEV-1 spacecraft).

[150] *See*, *e.g.* MEV-1 License *at* n. 3 ("Space Logistics and Intelsat have coordinated the use of center frequencies at 3944.5 MHz (space-to-Earth), 3955.5 MHz space-to-Earth), 6170.0 MHz (Earth-to-space), and 6180.0 MHz (Earth-to-space) for operations in connection with IS-901. *See* ICFS File No. SAT-AMD-20190207-00008, Narrative at 2. Space Logistics states, however, that the parties may revise the coordinated frequencies in the future and requests that it be allowed to operate within the full range of the requested TT&C frequency bands, as coordinated with Intelsat. *Id*. This grant reflects such authority.").

[151] NTIA Reply at 3.

[152] *See* Aerospace Comments at 14; Starfish Space Comments at 5; CONFERS Comments at 8.

[153] CONFERS Comments at 8.

support of ISAM as an iterative process, and we propose to continue case-by-case review of frequency authorization, as opposed to proposing specific frequency bands for ISAM-related communications' use. In doing so, we recognize the benefit of expanding our experience with authorizing communications operations in support of ISAM missions. We believe that creating a process for operators to identify as ISAM space stations will allow the Commission to gather important data and understanding regarding the future spectrum needs of ISAM operators. Additionally, we recognize that operators are already thinking creatively about various frequencies and service allocations that may be able to accommodate ISAM communication needs, as discussed above. Many commenters responding to the NOI are in favor of identifying spectrum[154] to support ISAM operations on a protected basis (e.g. exclusive or co-primary).[155] We also note that the Commission deferred consideration of specific frequency bands that could be used for certain ISAM-related operations, such as RPO, from the Commission's space launch spectrum proceeding.[156] Yet we do not wish to prematurely limit creativity and innovation for ISAM operators, and tentatively conclude that a case-by-case review will allow flexibility at this time[157] as we and other regulating bodies continue to evaluate the spectrum ecosystem holistically.[158] Our proposal to require frequency use authorization on a case-by-case basis is also consistent with our treatment of small satellite and small spacecraft,[159] with the understanding that these operations would be carried out on a non-

[154] *See*, *e.g.*, Lockheed Martin Comments at 5 (suggesting ISAM operations will require use of the UHF, S-, C-, X-, and Ka-bands); Orbit Fab Comments at 18-20 (identifying portions of S-band and X-band that would be needed for refueling operations' communications), at 21-22 (identifying potentially suitable allocations in S-band, X-band, 17.8-20.2 GHz, 27.5-30.0 GHz, and LunaNet Bands); Blue Origin Comments (suggests non-federal use of C2V2 S-band for TT&C; suggests finding other bands with at least 100 MHz of bandwidth via multiple 10 MHz channels to facilitate sharing); Kuiper Reply at 6 (noting utility of S-band and X-band, but suggesting that "bands that are not sufficiently resilient to rain and higher path loss and where intensive bandwidth use is already expected, such as the Ka-Band" should not be considered); Aerospace Comments at 15-22 (discussing properties and potential ISAM use of frequency bands within the space operations service, space research service, inter-satellite service, FSS, and EESS allocations); Rogue Space Comments at 5 (noting the Commission has previously permitted the use of X-band for an ISAM mission); Turion Comments 4-6 (suggesting space research service and EESS bands fit typical ISAM mission's TT&C activities).

[155] *See*, *e.g.*, Thuraya Comments at 2; Atomos Comments at 3; Sierra Space Comments at 2; CSF Comments at 2; SpaceX Comments at 4; Starfish Space Comments at 5; Blue Origin November 17, 2023 *Ex Parte* at 1; Spaceflight Reply at 4; Rogue Space Reply at 1; SpaceX Reply at 2; U.S. Chamber of Commerce Reply at 1; CONFERS Comments at 5; Astroscale September 14, 2023 *Ex Parte*, Exhibit B at 9.

[156] *See Allocation of Spectrum for Non-Federal Space Launch Operations*, Second Report and Order and Further Notice of Proposed Rulemaking, FCC 23-76 (2023) at paras. 167-68.

[157] *See* SpaceX Reply at 2 (recommending the Commission refrain from selecting specific frequency bands to allocate for ISAM operations, as this could "prematurely limit the development and innovation in this sector"); Starfish Space Comments at 5 (recommending that as a baseline, the Commission not prohibit use by ISAM spacecraft of any frequency bands traditionally used for satellite communications).

[158] *See*, *e.g.*, The White House, National Spectrum Strategy (2023), https://www.ntia.gov/sites/default/files/publications/national_spectrum_strategy_final.pdf, at 4 ("Future demand for spectrum-based services and technologies is expected to grow substantially across many, if not all, of our Nation's commercial sectors… Meanwhile, demand for satellite-based services is exploding, with domestic firms filing license applications for constellations—some with tens of thousands of satellites—to support consumer broadband, in-space assembly and manufacturing, earth observation and imaging, cislunar activities, and a host of other uses."); NTIA Reply at 2 ("NTIA believes some ISAM needs can be met in the near-term within current spectrum allocations and through the use of existing and planned commercial services. Other types of access will require study and could involve changes to domestic and international allocations, radio service definitions, or both. Regardless, NTIA is committed to promoting the development of ISAM."); *Advancing Understanding of Non-Federal Spectrum Usage*, Notice of Inquiry, FCC 23-63, (Aug 4, 2023).

[159] *Small Satellite R&O*, 34 FCC Rcd at 13122, para. 112.

exclusive, shared basis, and would not cause interference to incumbent operators.[160] We therefore do not propose specific bands at this time and seek comment on this proposal.

39. *Less Traditional Spectrum Use.* Finally, we note that innovation in spectrum use may open new pathways for ISAM-related frequency use in the future. Commenters provide a range of examples and suggestions of less traditional spectrum use, such as increased use of inter-satellite links,[161] in-space radar systems to be used during proximity operations,[162] and unlicensed Wi-Fi spectrum for servicer-to-client satellite communications, especially when in close proximity, e.g. during docking activities.[163] These creative suggestions are evidence of the innovative nature of ISAM operations, but we tentatively conclude that these suggestions will require further study or changes at an international level, and we do not propose any changes to our current rules in relation to these novel suggestions.

D. Digital Equity and Inclusion

40. The NOI sought comment on "any equity-related considerations and benefits (if any) that may be associated with the topics discussed" in the NOI.[164] Aerospace provided several comments addressing digital equity and inclusion in the ISAM industry. Aerospace states, "[m]aintaining satellite connectivity that is both consistent and affordable is becoming more essential to remote regions that include tribal lands and rural areas, as well as urban centers of typically underserved populations disadvantaged by socioeconomic factors."[165] We agree that promoting growth of the ISAM industry could create a safer and more sustainable space environment, which will allow for more options for broadband service for unserved and underserved areas.

41. Aerospace suggests that to promote digital equity and inclusion in the ISAM industry, the Commission should encourage inclusive business practices through incentive programs, such as reduced or waived regulatory fees and application filing fees for federally recognized small disadvantaged ISAM businesses and reduced or waived fees for debris-mitigating ISAM activities.[166] Aerospace notes that loss of satellite connectivity caused by debris or interference could mean a complete internet blackout for rural and other unserved and underserved areas which lack ground connectivity infrastructure, and therefore the Commission should work to incentivize ISAM activities which mitigate debris.[167] Aerospace is correct to note the importance of satellite connectivity, particularly in unserved and underserved regions, and ISAM activities, particularly servicing capabilities and debris remediation, have the potential to strengthen these networks to better serve these populations. As discussed above, however, we do not propose to reduce or eliminate fees for space stations that adopt ISAM-compatible technology because the Commission is

[160] *Id.* at 13111-12, paras. 91-92.

[161] *See*, *e.g.*, Orbit Fab Comments at 21; Atomos Comments at 3-4; Atomos June 7, 2023 Ex Parte at 7; CONFERS Comments at 5-6; Rogue Space Comments at 6; *see also* Orbit Fab Reply at 6; Turion Comments at 6-7 (referencing WRC agenda item 1.17).

[162] *See* Rogue Space Reply at 2.

[163] *See*, *e.g.*, TechFreedom Comments at 19 (noting its use aboard the ISS since 2008); Atomos Comments at 5; CONFERS Comments at 5; Aerospace Comments at 23; Orbit Fab Reply at 5 (noting that unlicensed frequencies, such as the 2.4 GHz and 5 GHz bands, could be suitable for in-space operations without causing terrestrial interference); Atomos June 7, 2023 *Ex Parte* at 2, N.6 (acknowledging that the use of unlicensed Wi-Fi frequencies in space may best be addressed through the ITU, but the Commission could determine through a future NPRM if more immediate steps can be taken).

[164] *ISAM NOI*, 37 FCC Rcd at 10035-36, para. 42.

[165] Aerospace Comments at 1; *see also* Starfish Space Comments at 6 ("Achieving our nation's ambitions in space will require the knowledge, passion and commitment of diverse and talented minds.").

[166] *See* Aerospace Comments at 61-62.

[167] *Id.* at 63-64.

required to collect application filing and regulatory fees by Congress,[168] and the Commission lacks authority to waive fees for whole categories of payors or to assess fees on factors other than cost of processing filings or regulatory burden.[169]

42. Aerospace also proposes specific regulations for the FCC to consider regarding spectrum which it states would benefit unserved and underrepresented populations.[170] Specifically, Aerospace suggests that the "FCC could propose spectrum sharing schemes that pool spectrum for Small Disadvantaged Businesses developing or supporting ISAM technology dedicated to public interest efforts specific to underserved customers or for use by academia with underrepresented student populations."[171] We seek additional comment regarding this proposal. Specifically, how might we categorize "small disadvantaged businesses" in this context?[172] Are there other categories of businesses, organizations, or academic institutions that such a program would be appropriate for? More broadly, how would such a program work? What would the benefits and drawbacks be?

43. Finally, Aerospace suggests that the Commission consider regulatory changes to protect educational spectrum as a public good by requiring that educational spectrum licenses only be sold to other educational entities.[173] Aerospace also recommends the Commission limit the number of leasing agreements for spectrum to prevent hording of spectrum that could be used for ISAM operations which will benefit unserved and underserved populations, as well as regulations preventing harmful interference to spectrum users from vulnerable groups, such as farmers, coastal fishers, and gulf states during hurricane season, relying on accurate weather data.[174] We view these suggestions to be beyond the scope of this rulemaking, which is focused on developing rules to most effectively license ISAM space stations to nurture growth in the industry and ultimately benefit the public interest, and therefore we do not propose to incorporate Aerospace's suggestions into our proposed rule changes in this proceeding.

44. ISAM is a nascent industry, and as such, we are seeking additional comments on ways the Commission can continue to incentivize the growth of the ISAM industry through the proposals in this NPRM and beyond. Furthermore, as part of our continuing effort to advance digital equity for all,[175] including people of color, people with disabilities, persons who live in rural or tribal areas, and others who are or have been historically underserved, marginalized, or adversely affected by persistent poverty or inequality, we continue to invite comment on any equity-related considerations[176] raised by the

[168] 47 U.S.C. §§ 158 and 159.

[169] *Id.*

[170] *See* Aerospace Comments at 62.

[171] *Id.*

[172] We recognize the Small Business Administration has regulations and programs for small disadvantaged businesses in the federal contracting space. *See*, *e.g.*, 13 CFR § 124.1001; *see also* https://www.sba.gov/federal-contracting/contracting-assistance-programs/small-disadvantaged-business#id-program-eligibility.

[173] *See* Aerospace Comments at 62-63. Aerospace also recommends the Commission restrict use of proprietary tools used with educational spectrum to promote accessibility, open access, and interoperability. *Id.* at 63.

[174] *Id.* at 63.

[175] Section 1 of the Communications Act provides that the FCC "regulat[es] interstate and foreign commerce in communication by wire and radio so as to make [such service] available, so far as possible, to all the people of the United States, without discrimination on the basis of race, color, religion, national origin, or sex." 47 U.S.C. § 151.

[176] The term "equity" is used here consistent with Executive Order 13985 as the "consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment, such as Black, Latino, and Indigenous and Native American persons, Asian Americans and Pacific Islanders and other persons of color; members of religious minorities; lesbian, gay, bisexual, transgender, and queer (LGBTQ+) persons; persons with disabilities; persons who live in rural areas; and persons otherwise adversely affected by persistent poverty or inequality." *See* Exec. Order No. 13985, 86 Fed. Reg. 7009,

(continued)

proposals made in this NPRM. Specifically, we continue to seek comment on how the topics discussed and any related proposals may promote or inhibit advances in diversity, equity, inclusion, and accessibility, as well as the scope of the Commission's relevant legal authority.

IV. PROCEDURAL MATTERS

A. *Ex Parte* Rules - Permit-But-Disclose

45. This proceeding shall be treated as a "permit-but-disclose" proceeding in accordance with the Commission's *ex parte* rules.[177] Persons making *ex parte* presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral *ex parte* presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the *ex parte* presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's written comments, memoranda or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during *ex parte* meetings are deemed to be written *ex parte* presentations and must be filed consistent with section 1.1206(b). In proceedings governed by section 1.49(f) or for which the Commission has made available a method of electronic filing, written *ex parte* presentations and memoranda summarizing oral *ex parte* presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that proceeding, and must be filed in their native format (e.g., .doc, .xml, .ppt, searchable .pdf). Participants in this proceeding should familiarize themselves with the Commission's *ex parte* rules.

B. Filing Requirements—Comments and Replies

46. *Filing Comments*. Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS). See Electronic Filing of Documents in Rulemaking Proceedings, 63 FR 24121 (1998).

- *Electronic Filers*. Comments may be filed electronically using the Internet by accessing the ECFS: http://apps.fcc.gov/ecfs.
- *Paper Filers*. Parties who choose to file by paper must file an original and one copy of each filing.
  - Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.
  - Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.U.S. Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street NE Washington, DC 20554.
  - Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. See FCC Announces Closure of FCC Headquarters Open Window and

Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government (January 20, 2021).

[177] 47 CFR § 1.1200 *et seq.*

Change in Hand-Delivery Policy, Public Notice, DA 20-304 (March 19, 2020). https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy.

- *Persons with Disabilities*. To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (TTY).

C. Initial Regulatory Flexibility Act Analysis

47. The Regulatory Flexibility Act of 1980, as amended (RFA),[178] requires that an agency prepare a regulatory flexibility analysis for notice and comment rulemakings, unless the agency certifies that "the rule will not, if promulgated, have a significant economic impact on a substantial number of small entities."[179] Accordingly, the Commission has prepared an Initial Regulatory Flexibility Analysis (IRFA) concerning the possible impact of the rule changes contained in this *NPRM* on small entities. The IRFA is set forth in Appendix B. Written public comments are requested on the IRFA. Comments must be filed by the deadlines for comments on the *NPRM* indicated on the first page of this document and must have a separate and distinct heading designating them as responses to the IRFA.

D. Initial Paperwork Reduction Act Analysis

48. This document contains proposed new or modified information collection requirements. The Commission, as part of its continuing effort to reduce paperwork burdens, invites the general public and the Office of Management and Budget (OMB) to comment on the information collection requirements contained in this document, as required by the Paperwork Reduction Act of 1995 (PRA), Public Law 104-13. In addition, pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107-198, *see* 44 U.S.C. § 3506(c)(4)), we seek specific comment on how we might further reduce the information collection burden for small business concerns with fewer than 25 employees.

E. Providing Accountability Through Transparency Act

49. Consistent with the Providing Accountability Through Transparency Act, Public Law 118-9, a summary of this document will be available on https://www.fcc.gov/proposed-rulemakings.[180]

F. Further Information

50. For additional information on this proceeding, contact Jameyanne Fuller, Space Bureau, Satellite Programs and Policy Division at 202-418-0945 or at Jameyanne.Fuller@fcc.gov.

V. ORDERING CLAUSES

51. Accordingly, IT IS ORDERED that, pursuant to sections 4(i), 301, 302(a), 303(e), 303(f), and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 301, 302(a), 303(e), 303(f), and 303(r), this Notice of Proposed Rulemaking IS ADOPTED.

52. IT IS FURTHER ORDERED that, the Commission's Office of the Secretary, Reference Information Center SHALL SEND a copy of this *Notice of Proposed Rulemaking*, including the Initial Regulatory Flexibility Act Analysis, to the Chief Counsel for Advocacy of the Small Business Administration, and shall cause it to be published in the Federal Register.

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[178] 5 U.S.C. §§ 601–612. The RFA has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[179] 5 U.S.C. § 605(b).

[180] 5 U.S.C. § 553(b)(4). The Providing Accountability Through Transparency Act, Pub. L. No. 118-9 (2023), amended section 553(b) of the Administrative Procedure Act.

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

APPENDIX A
Proposed Rules

For the reasons discussed in the document, the Federal Communications Commission proposes to amend title 47 of the Code of Federal Regulations, part 25, as follows:

PART 25 – SATELLITE COMMUNICATIONS

1. The authority citation for part 25 continues to read as follows:

Authority: 47 U.S.C. 154, 301, 302, 303, 307, 309, 310, 319, 332, 605, and 721, unless otherwise noted.

2. Amend § 25.103 by adding a definition for "ISAM Space station" in alphabetical order to read as follows:

§ 25.103 Definitions.

* * * * *

ISAM Space station. A space station which has the primary purpose of conducting in-space servicing, assembly, and/or manufacturing activities used on-orbit, on the surface of celestial bodies, and/or in transit between these regimes and which are supported by radiofrequency operations. Servicing activities include but are not limited to in-space inspection, life extension, repair, refueling, alteration, and orbital transfer of a client space object, including collection and removal of debris on orbit. Assembly activities involve the construction of space systems in space using pre-manufactured components. Manufacturing activities involve the transformation of raw or recycled materials into components, products, or infrastructure in space. ISAM space stations are eligible for authorization under the application process described in § 25.126.

* * * * *

3. Add § 25.126, to read as follows:

§ 25.126 Applications for ISAM Space stations.

(a) This section shall only apply to applicants for ISAM space stations as defined in § 25.103. Applicants seeking authorization for ISAM space stations must submit a comprehensive proposal for Commission evaluation on FCC Form 312, Main Form and Schedule S, as described in § 25.114(a) through (c), together with the information required in § 25.114(d)(14) or, if the applicant is seeking authorization under the streamlined processes for small satellites or small spacecraft, the information required in § 25.122(c) and (d) or § 25.123(b) and (c).

(b) Applicants for ISAM space stations will not be placed in a processing round for NGSO-like operations under § 25.157 or placed in a queue for GSO-like operations under § 25.158, provided:

(1) the applicant certifies that operations of the space station(s) will be compatible with existing operations in the authorized frequency band(s) and will not materially constrain future space station entrants from using the authorized frequency band(s); and

(2) the applicant submits a narrative description of means by which requested spectrum could be shared with both current and future operators, (e.g., how ephemeris data will be shared, antenna design, earth station geographic locations) thereby not materially constraining other operations in the requested frequency band(s).

(c) Applicants for ISAM space stations must also provide the following:

(1) A list of the FCC file numbers or call signs for any applications or Commission grants related to the proposed operations (e.g., experimental license grants, other space station or earth station applications or grants), including but not limited to client space stations, space stations that have become debris the applicant seeks to remediate, and other space stations the applicant plans to interact with or collaborate with as part of its operations.

(2) A list of the International Telecommunications Union filings and United Nations Registration information for any space stations not licensed or granted market access by the United States that are related to the proposed operations, including but not limited to client space stations, space stations that have become debris the applicant seeks to remediate, and other space stations the applicant plans to interact with or collaborate with as part of its operations.

(3) For all related space stations included under paragraph (c)(2) of this section, a narrative description of the regulatory requirements to which these related space stations are subject and the status of licenses of these related space stations.

* * * * *

4. Amend § 25.137, by revising paragraph (b) to read as follows:

§ 25.137 Requests for U.S. market access through non-U.S.-licensed space stations.

* * * * *

(b) Any request pursuant to paragraph (a) of this section must be filed electronically through the International Communications Filing System and must include an exhibit providing legal and technical information for the non-U.S.-licensed space station of the kind that § 25.114 or § 25.122 or § 25.123 or § 25.126 would require in a license application for that space station, including but not limited to, information required to complete Schedule S. An applicant may satisfy this requirement by cross-referencing a pending application containing the requisite information or by citing a prior grant of authority to communicate via the space station in question in the same frequency bands to provide the same type of service.

* * * * *

5. Amend § 25.157, by revising paragraph (i) to read as follows:

§ 25.157 Consideration of applications for NGSO-like satellite operation.

* * * * *

(i) For consideration of license applications filed pursuant to the procedures described in § 25.122, § 25.123, or § 25.126 the application will be processed and granted in accordance with §§ 25.150 through 25.156, taking into consideration the information provided by the applicant under § 25.122(d), § 25.123(c), or § 25.126(b) but without a processing round as described in this section and without a queue as described in § 25.158.

6. Amend § 25.158, by revising paragraph (a)(2) to read as follows:

§ 25.158 Consideration of applications for GSO-like satellite operation.

(a) * * *

(2) The procedures prescribed in this section do not apply to an application for authority to launch and operate an ISAM space station that meets the relevant criteria in § 25.126(b). The procedures prescribed in this section also do not apply to an application for authority to launch and operate a replacement space station that meets the relevant criteria in § 25.165(e)(1) and (e)(2) and that will be launched before the space station to be replaced is retired from service or reasonable time after the loss of a space station during launch or due to premature failure in orbit.

* * * * *

7. Amend § 25.165 by revising the introductory text in paragraph (a) to read as follows:

§ 25.165 Surety bonds.

(a) For all space station licenses issued after September 20, 2004, other than licenses for SDARS space stations, space stations licensed in accordance with § 25.122, § 25.123, or § 25.126, and replacement

space stations as defined in paragraph (e) of this section, the licensee must post a bond within 30 days of the grant of its license. Space stations licensed in accordance with § 25.122, § 25.123, or § 25.126 must post a bond within one year plus 30 days of the grant of the license. Failure to post a bond will render the license null and void automatically.

* * * * *

APPENDIX B
Initial Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act (RFA),[1] the Commission has prepared this Initial Regulatory Flexibility Analysis (IRFA) of the possible significant economic impact on a substantial number of small entities by the policies and rules proposed in the Notice of Proposed Rulemaking (*NPRM*). The Commission requests written public comments on this IRFA. Comments must be identified as responses to the IRFA and must be filed by the deadlines provided on the first page of the *NPRM*. The Commission will send a copy of the *NPRM*, including this IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA).[2] In addition, the *NPRM* and IRFA (or summaries thereof) will be published in the Federal Register.[3]

A. Need for, and Objectives of, the Proposed Rules

2. The Commission advances the leadership role of the United States in space with a new framework for licensing space stations engaged in in-space servicing, assembly, and manufacturing, known as (ISAM), proposed in the *NRPM*. The *NPRM* reflects comments the Commission received in response to a Notice of Inquiry on ISAM (*ISAM NOI*), which requested comment on the current state of the industry, how the Commission can best support the sustainable development of the industry, and what tangible economic and societal benefits can result from the expansion of capabilities facilitating the sustainable use of space.[4] The Commission seeks comment on several proposals relating to changes to the Commission's rules and policies for radiofrequency communication to foster the advancement of in-space servicing, assembly, and manufacturing (ISAM) operations. The Commission believes effective radiofrequency communications will enable expansion of capabilities for space use and has proposed rules designed to facilitate and support growth.

3. The licensing framework rules the Commission proposed in the *NPRM* would accommodate authorization under part 25 of the Commission's rules for commercial space stations engaged in ISAM operations. Adoption of the proposed changes would modify 47 CFR Part 25 of the Commission's rules to make communication authorization for ISAM missions more accessible while promoting efficient use of spectrum. The ability of ISAM space station operators to apply under the existing small satellite and small spacecraft streamlined processes would be available to ISAM space station operators that meet the requisite requirements for the applicable process. Licensing under part 5 of the Commission's experimental licensing will also continue to be an option for licensing ISAM space stations that do not provide commercial service. The Commission's proposed approach in the *NPRM* to license ISAM space stations under its current rules, and to review ISAM applications on a case-by-case basis, will provide the industry with flexibility while ISAM capabilities develop, and will enable the Commission to continue developing a record on ISAM while gaining further experience licensing radiofrequency use for ISAM space stations.

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[1] 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612 has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 847 (1996).

[2] 5 U.S.C. § 603(a).

[3] *Id*. § 603(a).

[4] *Space Innovation; Facilitating Capabilities for In-space servicing, Assembly and Manufacturing, Notice of Inquiry*, 37 FCC Rcd 10022 (2022) (*ISAM NOI)*. The Commission received initial comments from 24 ISAM operators, satellite operators, industry groups, and government agencies; reply comments from 10 parties; and ex parte filings on the record from several parties.

B. Legal Basis

4. The proposed action is authorized under sections 4(i), 301, 302(a), 303(e), 303(f), and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 301, 302(a), 303(e), 303(f), and 303(r).

C. Description and Estimate of the Number of Small Entities to Which the Proposed Rules will Apply

5. The RFA directs agencies to provide a description of, and where feasible, an estimate of the number of small entities that may be affected by the proposed rules and policies, if adopted.[5] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction."[6] In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act.[7] A "small business concern" is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[8]

6. *Satellite Telecommunications.* This industry comprises firms "primarily engaged in providing telecommunications services to other establishments in the telecommunications and broadcasting industries by forwarding and receiving communications signals via a system of satellites or reselling satellite telecommunications."[9] Satellite telecommunications service providers include satellite and earth station operators. The SBA small business size standard for this industry classifies a business with $38.5 million or less in annual receipts as small.[10] U.S. Census Bureau data for 2017 show that 275 firms in this industry operated for the entire year.[11] Of this number, 242 firms had revenue of less than $25 million.[12] Additionally, based on Commission data in the 2022 Universal Service Monitoring Report, as of December 31, 2021, there were 65 providers that reported they were engaged in the provision of satellite telecommunications services.[13] Of these providers, the Commission estimates that approximately 42 providers have 1,500 or fewer employees.[14] Consequently, using the SBA's small business size standard, a little more than half of these providers can be considered small entities.

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[5] 5 U.S.C. § 603(b)(3).

[6] 5 U.S.C. § 601(6).

[7] 5 U.S.C. § 601(3) (incorporating by reference the definition of "small-business concern" in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register."

[8] 15 U.S.C. § 632.

[9] *See* U.S. Census Bureau, *2017 NAICS Definition, "517410 Satellite Telecommunications,"* https://www.census.gov/naics/?input=517410&year=2017&details=517410.

[10] *See* 13 CFR § 121.201, NAICS Code 517410.

[11] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 517410, https://data.census.gov/cedsci/table?y=2017&n=517410&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[12] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[13] Federal-State Joint Board on Universal Service, Universal Service Monitoring Report at 26, Table 1.12 (2022), https://docs.fcc.gov/public/attachments/DOC-391070A1.pdf.

[14] *Id.*

7. *All Other Telecommunications*. This industry is comprised of establishments primarily engaged in providing specialized telecommunications services, such as satellite tracking, communications telemetry, and radar station operation.[15] This industry also includes establishments primarily engaged in providing satellite terminal stations and associated facilities connected with one or more terrestrial systems and capable of transmitting telecommunications to, and receiving telecommunications from, satellite systems.[16] Providers of Internet services (e.g. dial-up ISPs) or Voice over Internet Protocol (VoIP) services, via client-supplied telecommunications connections are also included in this industry.[17] The SBA small business size standard for this industry classifies firms with annual receipts of $35 million or less as small.[18] U.S. Census Bureau data for 2017 show that there were 1,079 firms in this industry that operated for the entire year.[19] Of those firms, 1,039 had revenue of less than $25 million.[20] Based on this data, the Commission estimates that the majority of "All Other Telecommunications" firms can be considered small.

D. Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements for Small Entities

8. The *NPRM* seeks public comment on proposed revisions to the Commission's rules governing satellite and earth station applications under 47 CFR part 25. Specifically, the *NPRM* proposes and seeks comment on several rule changes that will affect ISAM communications authorization procedures, reporting, recordkeeping, and other compliance requirements for space station operators. The Commission believes the proposed changes would decrease the burden in various regards for small entities that plan to launch and operate ISAM space stations.

9. The *NPRM* proposes to add a new section to the Commission's rules, section 25.126 Application for ISAM Space Stations, which clarifies application requirements for ISAM space stations in a single section. These proposals include documentation requirements largely consistent with those already established for an applicant under part 25 of the Commission's rules. In proposed section 25.126(a), applicants that meet the proposed definition of "ISAM space station" are directed to seek authorization and submit the requisite application information and materials either through the Commission's regular part 25 process or through the streamlined processes for small satellites and small spacecraft. As such, ISAM space station license applicants, including small entities, that also meet the requirements to seek authorization under the Commission's current streamlined processes for small satellites or small spacecraft will be able to submit the information and certification required in section 25.122 or section 25.123 rather than the regular part 25 authorization process.

10. In the new section 25.126(b), the Commission proposes to exempt small entities and other operators that meet the definition of ISAM space stations from non-geostationary orbit (NGSO) processing rounds and/or the first-come-first-served queue for geostationary orbit (GSO) operators, provided the applicant certifies that the operations of the space station(s) will be compatible with existing operations in the authorized frequency band(s), and submits a narrative to demonstrate spectrum sharing

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[15] *See* U.S. Census Bureau, *2017 NAICS Definition*, "*517919 All Other Telecommunications,*" https://www.census.gov/naics/?input=517919&year=2017&details=517919.

[16] *Id.*

[17] *Id*.

[18] *See* 13 CFR § 121.201, NAICS Code 517919 (as of 10/1/22, NAICS Code 517810).

[19] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 517919, https://data.census.gov/cedsci/table?y=2017&n=517919&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[20] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

capabilities are technically possible, and that the operations will not materially constrain future space station entrants from using the authorized frequency band(s). While the exemption contains a certification and narrative submission requirement, the proposal is designed to provide more flexibility to small and other operators who may want to operate as a GSO or NGSO space station, while simultaneously providing interference protection for incumbent and future satellite operators. The proposed rule would also reduce the procedural requirements for small entities and other applicants.

11. Pursuant to proposed section 25.126(c), ISAM space station license applicants, including small entities, would need to provide the International Communications Filing System (ICFS) file number for any applications or Commission grants related to proposed operations (e.g., experimental license grants, other space station or earth station applications or grants), including but not limited to client space stations, space stations that have become debris the applicant seeks to remediate, and other space stations the applicant plans to interact with or collaborate with as part of its operations. Additionally, ISAM applicants working with space stations not licensed or granted market access by the United States would need to provide relevant information related to those operations, including International Telecommunication Union (ITU) file numbers and a narrative description. However, since the international-related filing requirements would only pertain to operators working with space stations that are not licensed or granted market access by the United States, the requirement for applicants who do not have such working relationships is largely to provide the appropriate file numbers. Therefore, the Commission does not believe the inclusion of the proposed filing requirements in section 25.126(c) will increase the procedural compliance burdens for small entities.

12. As a mechanism for fostering the growth of the burgeoning ISAM industry the licensing framework proposal includes a one-year grace period for surety bonds for small and other ISM applicants, just as the Commission has done for operators applying through the small satellite and small spacecraft rules. The Commission seeks comment on whether any of the burdens associated with complying with the filing, recordkeeping, and reporting requirements in our proposed licensing framework can be further minimized for small entities. Due to our proposed approach to license ISAM space stations under the Commission's current rules including allowing applicants to seek authorization under the Commission's current streamlined processes for small satellites or small spacecraft, we do not expect that small entities will need to hire professionals to comply with any of the requirements for ISAM space station authorization. With regard to the compliance costs for small entities, at this time the Commission cannot quantify the compliance costs for small entities. We therefore expect the information we received in comments to include cost and benefit analysis data which should help the Commission assess compliance costs. Industry input should also allow the Commission to identify and evaluate additional matters, and burdens relevant to small entities that may result from the proposals and inquiries we make in this proceeding.

E. Steps Taken to Minimize the Significant Economic Impact on Small Entities, and Significant Alternatives Considered

13. The RFA requires an agency to describe any significant, specifically small business, alternatives that it has considered in reaching its proposed approach, which may include the following four alternatives (among others): "(1) the establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance and reporting requirements under the rules for such small entities; (3) the use of performance rather than design standards; and (4) an exemption from coverage of the rule, or any part thereof, for such small entities."[21]

14. The Commission's consideration of rule revisions to reflect changes and advances in the commercial space industry includes proposals in the licensing framework that would assist in reducing the economic impact for small entities such as exempting ISAM applicants from the surety bond requirement for one year after an ISAM license is granted, and not subjecting applications for ISAM space stations to

[21] 5 U.S.C. § 603(c)(1)–(c)(4).

NGSO processing round procedures or the GSO operator queue. These proposals are designed to lower the regulatory burden involved in licensing ISAM operations and reduce application processing times, thereby lessening the burden of compliance on small entities with more limited resources than larger entities. The Commission considered not providing these exemptions, which would require ISAM operators, including small entities, applying under the Commission's regular part 25 process to engage in a more lengthy and complex procedural process. ISAM applicants for example, could be placed in a processing round or required to submit requests for waiver, which the Commission believes may have a greater impact on small entities than the *NPRM*'s proposal to exempt ISAM operators from these processes so long as they provide the requisite demonstrations for spectrum sharing. In the formulation of our surety bond requirement proposal, the Commission considered a recommendation that ISAM operators be allowed to demonstrate compliance with the policy objectives of the surety bond requirements in place of filing an actual surety bond.[22] Implementation of this recommendation would introduce additional review into the licensing process on a larger scale than allowing individual applications to demonstrate such showings through a waiver request, which is currently an available avenue for applicants under our general waiver rules, therefore the Commission did not include this in the proposal.

15. Small entities and other operators meeting the proposed definition of an ISAM space station would be required to include some additional information with their application by providing the ICFS file numbers for related applications or grants of authority, if this proposed rule is adopted. This requirement may ultimately lower the impact on small entities and other operators however, since providing the file numbers up front could lower the need for, and costs associated with additional follow-up and review at a later stage of the application process. Similarly, the Commission believes that the proposed requirement for ISAM applicants to provide relevant international filings for related space stations not licensed or granted market access by the United States while creating some additional steps on the front end, will ultimately lead to a smoother review process for small entities and other applicants who may be servicing or partnering with foreign-licensed space stations as part of their operations.

16. Although the Commission ultimately proposed to continue the use of part 5 and 25 rules for the ISAM space station operation licensing framework, we considered various alternatives for the framework proposal. The Commission assessed for example the use of different licensing requirements for different types of ISAM activities. Rather than proposing to adopt different regulatory requirements, we chose to propose a broad licensing framework for space stations that could be applicable to all activities that fall within the proposed definition of ISAM. The proposed licensing framework provides small entities and other ISAM space station applicants with several options to use to apply for authorization. The option available for small entities meeting the process requirements to utilize the Commission's existing streamlined processes for small satellites and small spacecraft as described in the *NPRM* should reduce the impact for these applicants because of the reduced burden of the streamlined processes. Small entities seeking Commission authorization as ISAM space station operators may already have experience, and familiarity with the existing processes, and have cost-effective and efficient internal procedures in place to execute the streamlined processes. To the extent a small entity does not meet the requirements for the streamlined processes for small satellites and small spacecraft and seeks authorization through the regular part 25 process, the proposed exemptions and reduced regulatory burdens discussed above will result in a less arduous and costly approach than would be available in the absence of the new section and other proposed rule changes. Small entities may also benefit from the continuation of the part 5 process as a means of authorization since several ISAM space stations have secured experimental licenses using this process. Similarly, the part 5 process may be of assistance to small entity ISAM applicants with an interest in market trials.

17. In response to the *ISAM NOI,* comments were filed involving spectrum regulation

[22] Spaceflight Comments at 8.

impacting small disadvantaged businesses.[23] The Commission considered these comments which suggest the Commission propose spectrum sharing arrangements to pool spectrum impacting small disadvantaged businesses that develop, or support ISAM technology targeting underserved customers, or academic institutions with underrepresented student populations,[24] and in the *NPRM* the Commission requested additional comment on this proposal, including how such arrangements would work, and the benefits and drawbacks of such arrangements. The Commission expects to consider this, and other issues discussed herein, as well as the economic impact on, and alternatives for small entities, based on its review of any comments filed in response to the *NPRM* and this IRFA.

F. Federal Rules that may Duplicate, Overlap, or Conflict with the Proposed Rules

18. None.

[23] Aerospace Comments at 62.

[24] *Id.*

APPENDIX C
List of Commenters to Notice of Inquiry

Comments
Aerospace Corporation
The Aerospace Industries Association
The Air Lines Pilot Association, International
Astroscale U.S.
Atomos Nuclear and Space Corporation
Blue Origin
The Commercial Spaceflight Federation
Consortium for the Execution of Rendezvous and Servicing Operations
Intelsat License LLC.
Lockheed Martin Corporation
National Telecommunications and Information Administration
Orbit Fab Inc.
Relativity Space Inc.
Rogue Space Systems Corporation
Siera Space Corporation
Space Exploration Technologies Corp.
Spaceflight Inc.
Starfish Space Inc.
TechFreedom
Thuraya Telecommunications Company
Turion Space Corp.
United Launch Alliance LLC.
WorldVu Satellites Limited

Reply Comments
Astroscale U.S.
Iridium Communications Inc.
Intelsat License LLC.
Kuiper Systems LLC.
National Telecommunications and Information Administration
Orbit Fab Inc.
Rogue Space Systems Corporation
Space Exploration Technologies Corp.
Spaceflight Inc.
U.S. Chamber of Commerce
Viasat Inc.

***Ex Parte* Filings**
Astroscale U.S.
Atomos Nuclear and Space Corporation
Blue Origin
Satellite Industry Association
Space Exploration Technologies Corp.
United Launch Alliance

STATEMENT OF
CHAIRWOMAN JESSICA ROSENWORCEL

Re: ***In the Matter of Space Innovation,* IB Docket No. 22-271; *Facilitating Capabilities for In-space Servicing, Assembly, and Manufacturing*, IB Docket No. 22-272, Notice of Proposed Rulemaking (February 15, 2024)**

In technology 2007 was a big year. In fact, Thomas Friedman wrote a book about it, "Thank You for Being Late," which drew attention to how the launch of the iPhone, the globalization of social media platforms and the creation of Watson, an early Artificial Intelligence system, all took place during this year. But something else happened in 2007 that deserves attention. There was a game-changing launch at Cape Canaveral called Orbital Express. It was an experiment by the Defense Advanced Research Projects Agency that pioneered a new type of space mission featuring two satellites that would rendezvous in our skies in order to transfer propellant and hardware. The idea was simple—if we can service satellites in orbit we can extend the lifespan of their missions, enhance their capabilities, and reduce their costs.

Fast forward to now. A new space age is here and the ideas behind Orbital Express have taken hold in our skies with in-space servicing, assembly, and manufacturing—or ISAM. Today, ISAM is a growing part of the space economy. It includes a range of in-space activities, from repairing and refueling satellites to assembling whole new systems in space. It can even include systems for the manufacturing of new parts, products, or infrastructure in orbit. Plus, it can help with space sustainability through the development of technologies to capture and remove orbital debris and assist with reuse and recycling of in-orbit systems. On top of that, it has the potential to support new services like space tugs and new products that leverage microgravity to achieve results impossible back on Earth.

I believe our grandest ambitions for space will depend on developing these ISAM capabilities. Because if we want to expand connectivity on Earth, address global climate change, protect our national security, and support human life on the moon and beyond, we will benefit from ISAM systems.

That is why today we are proposing a new framework to license ISAM space stations and ensure they have access to the communications necessary for their effective use. We have developed common sense, flexible rules that provide ISAM operators a clear path forward for their applications for novel use cases so they can develop new services in our skies.

While Orbital Express left orbit over a decade ago, it was an incredible experiment. In fact, this rulemaking might not have been possible without it. It is also incredible to take a look back at Thomas Friedman's book about 2007. Because if you comb through the index, space gets a single mention. Only one. But the good news is at this agency we clearly see the vast possibilities of the space economy and are taking steps now to support it.

Thank you to the staff who worked on this effort in our Space Innovation docket. From the Space Bureau: Victor Allison, Christina Almonte, Bill Belt, Matias Cava, Steve Duall, Jameyanne Fuller, Jennifer Gilsenan, Julie Kearney, Whitney Lohmeyer, Karl Kensinger, Scott Mackoul, Julia Malette, Kerry Murray, Brandon Padgett, Jeanine Poltronieri, Troy Tanner, Patrick Webre, and Merissa Velez. From the Enforcement Bureau: Jeremy Marcus, Ryan McDonald and Victoria Randazzo. From the Office of Communications Business Opportunities: Joycelyn James, Joy Ragsdale and Chana Wilkerson. From the Office of Economics and Analytics: Aleks Yankelevich. From the Office of Engineering and Technology: Jamie Coleman, Michael Ha, Ira Keltz, Nick Oros, Jamison Prime, and Serey Thai. From the Office of the General Counsel: Susan Aaron, Deborah Broderson, David Konczal, Andrea Kelly, Anjali Singh, and Jeff Steinberg. And from the Office of International Affairs: Nese Gundelsberger, Dante Ibarra, and Michele Wu-Bailey.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Amendment of Parts 15 and 74 of the Rules for Wireless Microphones in the TV Bands, 600 MHz Guard Band, 600 MHz Duplex Gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100-7125 MHz Bands	)	ET Docket No. 21-115
	)	RM-11821

REPORT AND ORDER

Adopted: February 15, 2024 **Released: February 15, 2024**

By the Commission: Chairwoman Rosenworcel issuing a statement.

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I. INTRODUCTION

1. In this Report and Order, we revise the technical rules for Part 74 low-power auxiliary station (LPAS) devices to permit a recently developed type of wireless microphone system,[1] termed

[1] When we use the term "wireless microphones" in this proceeding, we collectively refer to wireless microphones and related wireless audio devices, such as cue and control communications, synchronization of TV camera signals, (continued….)

herein as a Wireless Multichannel Audio System (WMAS), to operate in the broadcast television (TV) bands and other Part 74 LPAS frequency bands on a licensed basis. Wireless microphones play a vital role in the entertainment and news industries as well as at educational institutions, houses of worship, conventions and anywhere large numbers of people gather. This emerging technology will enable more wireless microphones to operate in the spectrum available for wireless microphone operations, and thus advance an important Commission goal to promote efficient spectrum use. We adopt technical rules for licensed WMAS operations in specific frequency bands under our Part 74 LPAS rules and also permit WMAS to operate on an unlicensed basis under the Part 15 rules in the TV bands and 600 MHz duplex gap. We update our existing Part 74 LPAS and Part 15 technical rules for wireless microphones, which already rely on certain European Telecommunications Standards Institute (ETSI) standards, to incorporate the latest version of that standard where appropriate.[2] Finally, we update the wireless microphone rules to reflect the end of the post-Incentive Auction transition period. Our goal in this proceeding is to increase wireless microphone spectral efficiency and enable more intensive use in the spectrum available for such operations. We do not intend to alter the existing spectrum rights—or expectations regarding spectrum access and availability—vis-à-vis all the various authorized users, whether broadcast licensees, white space device users, the wireless microphone users themselves, or others, that share frequency bands with wireless microphones.

II. BACKGROUND

2. Wireless microphones can be found in a variety of settings, including theaters and music venues, TV and film studios, educational institutions, conventions, corporate events, houses of worship, and internet webcasts.[3] Wireless microphone operations range from professional uses, with the need for numerous high-performance microphones, to an individual consumer's use of a handheld microphone at a conference or in a karaoke bar[4] and are authorized for licensed and/or unlicensed operations[5] Most licensed wireless microphones operate under the Part 74 LPAS rules on a secondary basis.[6] Under those rules, they can operate in the VHF-TV and UHF-TV bands in areas outside TV station protected service contours, a 4-megahertz portion of the 600 MHz Service duplex gap, certain frequencies in the 900 MHz band, the 1435-1525 MHz band, and portions of the 7 GHz band.[7] Entities eligible for Part 74 licenses include broadcast station licensees and networks, certain cable television operators, motion picture/TV producers, and professional sound companies and venue operators that routinely use 50 or more wireless microphones.[8] Unlicensed wireless microphones also operate in certain bands under the Part 15 rules,

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and in-ear monitors, as the Commission has in other proceedings concerning these devices. *See, e.g.*, *Promoting Spectrum Access for Wireless Microphone Operations; Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions,* GN Docket Nos. 14-166, 12-268, Report and Order, 30 FCC Rcd 8739, 8740, para. 1 n.1 (2015) (*Wireless Microphones R&O*).

[2] 47 CFR §§ 74.861, 15.236.

[3] *Promoting Spectrum Access for Wireless Microphone Operations; Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions,* GN Docket Nos. 14-166, 12-268, Order on Reconsideration and Further Notice of Proposed Rulemaking, 32 FCC Rcd 6077, 6080-81, para. 4 (2017) (*Wireless Microphones Order on Reconsideration*).

[4] *Id.*

[5] *See generally Wireless Microphones Order on Reconsideration*, 32 FCC Rcd at 6080-81, paras. 4-5; *Wireless Microphones R&O*, 30 FCC Rcd at 8742, paras. 5-6.

[6] 47 CFR pt. 74, subpt. H.

[7] 47 CFR § 74.802.

[8] 47 CFR § 74.832.

including the TV bands where they generally share the same basic technology used by licensed LPAS wireless microphones, although at a lower power level.[9]

3. Historically and currently, most wireless microphones—both licensed and unlicensed—operate on spectrum in the TV bands not otherwise occupied by a licensed user where they share use of that spectrum with unlicensed white space devices.[10] The spectrum available for these devices has decreased in recent years as a result of the Commission's actions that repurposed and repacked portions of the TV bands to provide more spectrum for mobile broadband services.[11] In 2015 and 2017, the Commission took several actions focused on promoting more efficient spectrum use by both licensed and unlicensed wireless microphone operations in the repacked TV bands, 600 MHz guard band, and 600 MHz duplex gap, and on making spectrum available in additional frequency bands that can be used to accommodate licensed wireless microphone operations.[12]

4. In 2015, the Commission adopted several changes to ensure sufficient spectrum would continue to be available for wireless microphones following the Incentive Auction and broadcast television band repacking.[13] The Commission revised its rules to provide more opportunities for wireless microphones to access spectrum by allowing greater use of the VHF broadcast television channels and increasing opportunities for co-channel operations with television stations.[14] It expanded eligibility for licensed use of a 4-megahertz portion of the 600 MHz duplex gap to all entities eligible to hold wireless microphone licenses.[15] The Commission also took actions to provide spectrum for wireless microphones outside of the broadcast television band, including portions of the 900 MHz, 1.4 GHz, and 7 GHz bands.[16]

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[9] 47 CFR § 15.236.

[10] Licensed and unlicensed wireless microphones and white space devices can operate on TV channels 2-36 at locations where a channel is unused (i.e., outside protected TV service contours), and unlicensed wireless microphones and white space devices can operate in the upper 6-megahertz portion of the 600 MHz duplex gap. 47 CFR §§ 74.802(a); 15.236(c); 15.707. Licensed wireless microphone users can register TV channel usage in the white space database, and white space devices must avoid operating on TV channels at those registered times and locations. *Id.* § 15.712(f). Unlicensed wireless microphone users must share spectrum in the TV bands and the upper 6-megahertz portion of the 600 MHz duplex gap on an equal basis with white space devices. *Id.* § 15.5(b).

[11] *See generally Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions*, GN Docket No. 12-268, Report and Order, 29 FCC Rcd 6567 (2014) (*Incentive Auction R&O*); *Incentive Auction Closing and Channel Reassignment Public Notice: The Broadcast Television Incentive Auction Closes; Reverse Auction and Forward Auction Results Announced; Final Television Band Channel Assignments Announced; Post-Auction Deadlines Announced*, Public Notice, 32 FCC Rcd 2786 (2017) (*Channel Reassignment Public Notice*). The final 600 MHz band plan repurposed TV channels 38-51 for wireless services, and wireless microphones may now operate only in small portions of the 600 MHz band, specifically, in designated segments of the guard band and duplex gap. 47 CFR § 74.802(a)(2) (permitting licensed wireless microphones to operate in the 653-657 MHz segment of the 600 MHz duplex gap; *id.* § 15.236(c)(3), (5) (permitting unlicensed wireless microphones to operate in the 614-616 MHz segment of the 600 MHz guard band and the 657-663 segment of the 600 MHz duplex gap).

[12] *Wireless Microphones R&O*, 30 FCC Rcd 8739; *Amendment of Part 15 of the Commission's Rules for Unlicensed Operations in the Television Bands, Repurposed 600 MHz Band, 600 MHz Guard Bands and Duplex Gap, and Channel 37, and Amendment of Part 74 of the Commission's Rules for Low Power Auxiliary Stations in the Repurposed 600 MHz Band and 600 MHz Duplex Gap; Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions*, ET Docket No. 14-165 and GN Docket No. 12-268, Report and Order, 30 FCC Rcd 9551 (2015) (*White Spaces R&O*); *Wireless Microphones Order on Reconsideration*, 32 FCC Rcd 6077.

[13] *See generally Wireless Microphones R&O*, 30 FCC Rcd 8739. In the 2015 *White Spaces R&O*, issued contemporaneously the *Wireless Microphones R&O*, the Commission codified rules for unlicensed wireless microphone operations in the broadcast television bands. *White Spaces R&O*, 30 FCC Rcd at 9554-55, para. 7.

[14] *Wireless Microphones R&O*, 30 FCC Rcd at 8744, para. 11.

[15] *Id.*

[16] *Wireless Microphones R&O*, 30 FCC Rcd at 8744, para. 11. Specifically, the Commission adopted revisions to
(continued….)

In addition, the Commission updated the technical rules, which had been in place since 1987, to require compliance with the then-applicable ETSI standards for emission masks concerning analog and digital wireless microphones, which enabled more efficient use of the available spectrum.[17] The Commission also codified rules for unlicensed wireless microphones that operate in the TV bands, a 2-megahertz portion of the 600 MHz guard band and a 6-megahertz portion of the 600 MHz duplex gap, and required unlicensed wireless microphones to comply with the same ETSI emission masks as licensed wireless microphones.[18]

5. In 2017, in the *Wireless Microphones Order on Reconsideration,* the Commission furthered its goal of promoting wireless microphone operations and ensuring sufficient spectrum would be available following the Incentive Auction and repacking process.[19] Specifically, it made technical revisions to rules it had adopted in 2015 for both licensed and unlicensed wireless microphone operations in the TV bands and in the 600 MHz guard band and duplex gap, as well as for licensed wireless microphone operations in several frequency bands outside of the TV bands.[20] These technical revisions included adoption of additional ETSI standards regarding spurious emission limits that apply to wireless microphones.[21]

6. *Notice of Proposed Rulemaking.* On April 22, 2021, the Commission adopted a *Notice of Proposed Rulemaking* that proposed to revise the technical rules for Part 74 LPAS devices to permit a recently developed type of wireless microphone system, termed a Wireless Multichannel Audio System (WMAS), to operate in the TV bands and other Part 74 LPAS frequency bands on a licensed basis.[22] This emerging technology will enable more wireless microphones to operate in the spectrum available for wireless microphone operations (i.e., more microphones per megahertz of spectrum), and thus advance an important Commission goal to promote more efficient spectrum use. The *Notice* proposed and sought comment on the definition of WMAS,[23] proposed to allow WMAS to operate in many of the bands where Part 74 LPAS wireless microphones are currently permitted to operate (i.e., those bands large enough to

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provide new opportunities for wireless microphone operations in the 169-172 MHz band and the 944-952 MHz band, and allow use in several other spectrum bands – the 941-944 MHz and 952-960 MHz bands (on each side of the 944-952 MHz band), the 1435-1525 MHz band, and portions of the 6875-7125 MHz band – for licensed wireless microphone operations under specified conditions. *Id.*

[17] *Wireless Microphones R&O*, 30 FCC Rcd at 8752-53, paras. 29-32. Specifically, the Commission required that emissions from analog and digital unlicensed wireless microphones comply with the emission masks in Section 8.3 of ETSI EN 300 422-1 v1.4.2 (2011-08), *Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 1: Technical characteristics and methods of measurement* (EN 300 422-1 (2011)). *Id.* at 8753, para. 32.

[18] *White Spaces R&O*, 30 FCC Rcd at 9588-9590, paras. 95-101.

[19] *Wireless Microphones Order on Reconsideration*, 32 FCC Rcd at 6079-80, para. 2.

[20] *Id.* at 6079-70, para. 2. In the Further Notice of Proposed Rulemaking, the Commission proposed to permit certain professional theater, music, performing arts, and similar organizations that currently operate wireless microphones on an unlicensed basis to obtain licenses to operate in the broadcast television bands and other frequency bands available under the Part 74 LPAS rules. *Id.* at 6119, para. 77. That proposal remains pending before the Commission.

[21] *Wireless Microphones Order on Reconsideration*, 32 FCC Rcd at 6083-88, paras. 9-16. Specifically, the Commission required that emissions more than one megahertz above and below a wireless microphone carrier frequency (i.e., outside the defined ETSI mask) must comply with the limits in Section 8.4 of ETSI EN 300 422-1 (2011). *Id.* at 6085-86, para. 13.

[22] *Amendment of Parts 15 and 74 of the Rules for Wireless Microphones in the TV Bands, 600 MHz Guard Band, 600 MHz Duplex Gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100-7125 MHz Bands*, ET Docket No. 21-115, RM-11821, Notice of Proposed Rulemaking, 36 FCC Rcd 7908 (2021) (*Notice*).

[23] *Notice*, 36 FCC Rcd at 7914-15, para. 11.

accommodate WMAS),[24] and proposed and sought comment on technical requirements for WMAS devices.[25] The *Notice* also proposed to make other technical updates to the wireless microphone rules to reflect the end of the post-Incentive Auction transition and to incorporate applicable portions of the 2017 version of the ETSI wireless microphone standard.[26] The *Notice* also sought comment on whether the Commission should allow WMAS to operate on an unlicensed basis under Part 15 of the rules, and if so, in which specific bands and under what technical requirements.[27]

7. Ten parties filed comments and nine parties filed reply comments in response to the *Notice*. Commenters generally support modifying the Part 74 rules to allow WMAS, citing improved spectral efficiency.[28] No parties specifically object to allowing WMAS, but there is disagreement on a number of technical and operational issues, including which parties should be eligible to operate WMAS, the bands where WMAS should be permitted to operate, and the appropriate power, bandwidth, and spectral efficiency requirements.

III. DISCUSSION

8. We amend the Part 74 LPAS technical rules to permit the use of WMAS in most of the frequency bands where wireless microphones are currently permitted to operate. WMAS devices use wider channelization than currently is permitted for wireless microphones under Part 74, along with a more efficient operating protocol, that can enable more microphones to be deployed within the same amount of spectrum.[29] Specifically, we adopt a definition of WMAS and specify the frequency bands in which WMAS will be permitted, along with the technical requirements (spectral efficiency, channel bandwidth, maximum output power, and emission masks) that govern the operation of these systems on a licensed basis under part 74. We adopt technical rules for WMAS consistent with the recently updated, i.e., 2021, ETSI standard for WMAS. We also update our existing technical rules for currently authorized Part 74 LPAS wireless microphones, which already rely on certain ETSI standards, to incorporate the applicable portions of the 2021 ETSI standard for WMAS. In addition, we revise the Part 15 technical rules for unlicensed wireless microphone devices that operate in the TV bands and the 600 MHz duplex gap to permit WMAS operations in those bands and to require use of the 2021 ETSI standard. Finally, we make minor updates to the Part 15 and Part 74 rules to reflect the end of the post-Incentive Auction transition.[30] The existing licensing mechanisms and eligibility requirements under part 74 subpart H of our rules remain unchanged.[31]

9. At the time the Commission released the *Notice*, the latest ETSI standard for wireless microphones was the version released in 2017, but the Commission noted the possibility that ETSI could further update its standard during the pendency of this proceeding.[32] The standard was updated in November 2021 after we released the NPRM. In assessing the changes between the 2017 and 2021 versions, we find that none of the changes affecting the parts of the standard that pertain to this

[24] *Notice*, 36 FCC Rcd at 7915, para. 13.

[25] *Notice*, 36 FCC Rcd at 7914-15, 7916-23, paras. 11, 16-34.

[26] *Notice*, 36 FCC Rcd at 7928-29, paras. 51-52.

[27] *Notice*, 36 FCC Rcd at 7926, paras. 44-45.

[28] Sennheiser Comments at 2; Shure Comments at 2; Waves Comments at 3; NAB Comments at 2; Lectrosonics Reply at 1.

[29] *Notice*, 36 FCC Rcd at 7913, para. 9.

[30] The 39-month transition period ran from April 13, 2017, to July 13, 2020. *Channel Reassignment Public Notice*, 32 FCC Rcd at 2807, para. 68. After the transition, wireless microphones, both licensed and unlicensed, are no longer permitted to operate in the 600 MHz service bands (617-652 MHz and 663-698 MHz). *Incentive Auction R&O*, 29 FCC Rcd at 6846, para. 687.

[31] 47 CFR § 74.832.

[32] *Notice*, 36 FCC Rcd at 7922, para. 31.

proceeding were of a substantive nature; thus, the changes between the two versions do not affect the overall proposals or the nature of the record. Consistent with our current practice regarding the ETSI wireless microphone standard, we will continue to reference only specific portions in our rules, i.e., the transmit emission masks and spurious emission limits. As noted, we find that there are no significant differences between the 2017 and 2021 ETSI standards in that regard.[33] Several parties recognize the pending update to the ETSI standard in their comments and explicitly support adoption of the 2021 version.[34]

A. Revisions to the Part 74 LPAS Rules to Authorize WMAS

1. Definition of WMAS

10. *Background*. In the *Notice*, the Commission proposed to adopt the terminology and definition suggested by Sennheiser for the new type of wireless microphone device.[35] Specifically, Sennheiser suggests that the Commission use the term "Wireless Multichannel Audio System" and to broadly define this system as "[a] system that digitally combines the signals of multiple low power auxiliary station devices onto one radio-frequency channel."[36] The Commission noted that the most recent version of the ETSI standard at the time (the 2017 version) used the same name for these types of systems, although it did have a slightly different definition, namely "wireless audio transmission systems using broadband transmission technique for microphone and in-ear monitor systems, and other multichannel audio [Programme Making and Special Events] use."[37]

11. Microsoft supports the ETSI definition of WMAS, arguing that ETSI intends WMAS for more demanding audio performance requirements, and its definition identifies the high-performance audio systems (wireless microphones, in-ear monitoring systems, and audio links) that would operate using WMAS.[38] Microsoft also prefers the definition in the 2017 ETSI standard over the Commission's proposed definition because the ETSI definition requires that WMAS use broadband transmission techniques rather than generic 'digital techniques' as proposed by Sennheiser, which it views as too broad to hold any meaning.[39] Shure supports a WMAS definition similar to the ETSI definition because it will encompass wireless audio devices that are classified as Part 74 devices as well as those that are classified as Part 15 devices.[40] ETSI subsequently made several minor additions to the WMAS definition in the 2021 version of its standard (shown in underline below), which now defines WMAS as: "wireless audio transmission systems using digital broadband transmission techniques for microphone and in-ear monitor

[33] 47 CFR §§ 74.861(d)(4), (e)(7), 15.236(g).

[34] Sennheiser Comments at 7; Shure Comments at 24-25.

[35] *Notice*, 36 FCC Rcd at 7914, para. 11.

[36] Sennheiser Electronic Corporation Request for Amendment of Part 74 of the Commission's Rules to Advance the Use of Spectrum Efficient Wireless Microphone Equipment, RM-11821 at 7, 9 (filed Aug. 17, 2018), https://www.fcc.gov/ecfs/document/108170272204061/1.

[37] *Notice*, 36 FCC Rcd at 7914, para. 10. European Telecommunications Standards Institute ETSI EN 300 422-1 v2.1.2 (2017-01), *Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU*, https://www.etsi.org/deliver/etsi_en/300400_300499/30042201/02.01.02_60/en_30042201v020102p.pdf, Section 3.1, at 15 [ETSI EN 300 422-1 (2017)]. Programme Making and Special Events (PMSE) covers a wide range of equipment, including radio microphones, in-ear monitors, video and audio links and associated equipment such as talkback and assistive listening devices and low-cost license-exempt consumer radio microphones, as well as audio systems used by tour guides. *See* https://www.etsi.org/technologies/pmse. "Audio PMSE" is defined by ETSI as an "inclusive description consisting of radio microphones, in ear monitoring systems, [and] audio links." ETSI EN 300 422-1 (2017), Section 3.1 at 13.

[38] Microsoft Comments at 6.

[39] *Id.*

[40] Shure Comments at 3.

systems applications, and other multichannel audio PMSE use, e.g. with the ability to support three or more audio channels per MHz."[41]

12. *Discussion.* We adopt the WMAS definition in the 2021 ETSI standard, with two modifications. We do not include the term "PMSE" (Programme Making and Special Events), which is not used in the Commission rules and is not needed because the Part 74 rules already define the device categories to which the rules apply (Low Power Auxiliary Stations).[42] We also do not include the phrase concerning "the ability [of WMAS] to support three or more audio channels per MHz" since that is listed merely as an example in the definition, but we separately specify a similar spectral efficiency requirement in the rules. Accordingly, for purposes of parts 15 and 74, we define "Wireless Multichannel Audio Systems" as "[w]ireless audio transmission systems using broadband digital transmission techniques for microphone and in-ear monitor system applications and other multichannel audio use." We believe that this definition will encompass the types of WMAS devices that Sennheiser and others are developing, and is consistent with Microsoft's and Shure's requests to adopt a WMAS definition similar to ETSI's definition.

2. Frequency Bands of Operation

13. *Background.* The Commission proposed to allow WMAS to operate in most of the frequency bands where Part 74 wireless microphones are permitted to operate, including the VHF-TV bands (54-72 MHz, 76-88 MHz, and 174-216 MHz), the UHF-TV band (470-608 MHz), the 653-657 MHz segment of the 600 MHz duplex gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz, and 7100-7125 MHz bands.[43] These are all of the frequency bands available for LPAS operations in which the Commission believed that wireless microphones using a wider channelization system are technically feasible and thus could enable more efficient use of the limited spectrum available for wireless microphone operations.[44] The Commission did not propose to allow WMAS operation in the 26.100-26.480 MHz, 161.625-161.775 MHz, 450.000-451.000 MHz and 455.000-456.000 MHz bands because it believed that the available spectrum in those bands (1 megahertz or less) makes them less suited for WMAS operation.[45]

14. Wireless microphone manufacturers support allowing WMAS operation in the proposed Part 74 LPAS bands,[46] but other parties ask the Commission to prohibit the operation of some or all types of wireless microphone in certain bands. Several parties object to allowing WMAS in the 6875-6900 MHz and 7100-7125 MHz bands. These parties express concern that WMAS operations in these bands could negatively impact unlicensed devices and note that WMAS operating on a licensed basis under Part 74 would have priority over unlicensed devices.[47] They recommend that WMAS not be permitted to operate in the 6875-6900 MHz and 7100-7125 MHz bands, or, if allowed, that their power level be

[41] European Telecommunications Standards Institute ETSI EN 300 422-1 v2.2.1 (2021-11), *Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Audio PMSE Equipment up to 3 GHz; Harmonised Standard for access to radio spectrum*, https://www.etsi.org/deliver/etsi_en/300400_300499/30042201/02.02.01_60/en_30042201v020201p.pdf, Section 3.1, at 14 [ETSI EN 300 422-1 (2021)]. This standard, as with the previous ETSI standard incorporated into the Part 15 and Part 74 rules, is publicly available at no charge.

[42] 47 CFR § 74.801.

[43] *Notice*, 36 FCC Rcd at 7915, para. 13.

[44] *Id.*

[45] *Id.*

[46] Sennheiser Comments at 1; Shure Comments at 8; Waves Audio Comments at 3; Lectrosonics Reply at 2.

[47] Cisco/Facebook Comments at 14-16; Wi-Fi Alliance Comments at 1; Cisco/Facebook/Qualcomm/Intel Reply at 9; NCTA Reply at 1-2.

limited to reduce the potential for interference.[48] Furthermore, Microsoft and Cisco/Facebook suggest that the Commission remove the 6875-6900 MHz and 7100-7125 MHz bands from the list of frequencies available for Part 74 LPAS use, which would make them no longer available for narrowband wireless microphones as well, stating that while there is currently little use of wireless microphones in these bands and the operating range of wireless microphones in them is short, retaining the bands on the list of available frequencies creates regulatory uncertainty.[49] In addition, ViacomCBS is concerned about WMAS reducing spectrum availability for broadcasters using narrowband wireless microphones and believes that WMAS should either be prohibited from operating in the UHF-TV band, or, if allowed, should be secondary to narrowband wireless microphones.[50]

15. *Discussion.* We permit WMAS to operate on a licensed basis in all of the bands we proposed in the *Notice*, specifically, the VHF-TV bands (54-72 MHz, 76-88 MHz, and 174-216 MHz), the UHF-TV band (470-608 MHz), the 653-657 MHz segment of the 600 MHz duplex gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz, and 7100-7125 MHz bands.[51] Several of these bands, including the TV bands, allow for WMAS channel sizes of 6 megahertz or greater, while the smaller bands (the 653-657 MHz segment of the duplex gap, the 952.850-956.250 MHz band, and the 956.45-959.85 MHz) each contain three to four megahertz of spectrum.[52] While Sennheiser argues that WMAS works best with at least 6 megahertz of spectrum, it and other parties indicate that WMAS can work with a lesser amount.[53]

16. We disagree that we should prohibit either WMAS or the types of wireless microphones currently permitted under Part 74 from operating in the 6875-6900 MHz and 7100-7125 MHz bands that are available for use by low power indoor Unlicensed National Information Infrastructure (U-NII) devices under Part 15 of the rules.[54] The Commission first permitted licensed wireless microphones to use these bands in the 2015 *Wireless Microphones R&O*, which was intended to accommodate the future needs of wireless microphones by making additional spectrum available where they could operate.[55] Some parties now argue that the 6875-6900 MHz and 7100-7125 MHz bands should be removed from the list of frequencies available for licensed wireless microphone operations because the bands are not heavily used by wireless microphones at this time, retaining these bands creates regulatory uncertainty, and wireless microphones operating at these frequencies may have limited range as compared to wireless microphones in other bands.[56] However, such a decision is beyond the scope of this order as the Commission did not seek comment in the *Notice* on the removal of the 6875-6900 MHz and 7100-7125 MHz bands from the list of bands available for Part 74 wireless microphones.[57] In any event, we do not believe that the

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[48] Cisco/Facebook Comments at 14-16; Wi-Fi Alliance Comments at 1; Cisco/Facebook/Qualcomm/Intel Reply at 9; NCTA Reply at 1-2.

[49] Microsoft Comments at 7-8; Cisco/Facebook Comments at 4, 11-12.

[50] Viacom/CBS Reply at 6-7.

[51] *Notice*, 36 FCC Rcd at 7915, para. 13.

[52] The 941.5-944 MHz band is only 2.5 megahertz wide, but it is immediately adjacent to the 944-952 MHz band and could be combined with it.

[53] Sennheiser Comments at 7; Waves Audio Comments at 6; Lectrosonics Reply at 4; Shure Reply at 19. Sennheiser states that WMAS technology is possible for bandwidths smaller than 6 MHz, but it quickly loses its advantages over conventional wireless microphone operations due to channel fading effects. Sennheiser Comments at 7.

[54] 47 CFR §§ 15.401-15.407. That portion of the 6 GHz (6875-7125 MHz) band is designated as the U-NII-8 band.

[55] *Wireless Microphones R&O*, 30 FCC Rcd at 8744, paras. 10-11.

[56] Microsoft Comments at 7; Cisco/Facebook Comments at 4, 11; Cisco/Facebook/Qualcomm/Intel Reply at 9.

[57] 5 U.S.C § 553(b); 47 CFR § 74.802(a)(1). In making its request for the Commission to remove the 6875-6900 MHz and 7100-7125 MHz frequency bands from the list of Part 74 LPAS bands, Microsoft references paragraph 51 of the *Notice* where the Commission sought comment on whether there are any Part 74 rules—in addition to those

(continued….)

relatively low current usage of these bands is a reason to remove them since they provide 50 megahertz of spectrum that could accommodate licensed wireless microphones at locations where additional spectrum capacity for microphones may be needed.

17. Moreover, other parties express concern that WMAS operations in the 6875-6900 MHz and 7100-7125 MHz bands could negatively impact unlicensed devices and recommend that WMAS not be permitted to operate in those bands or that the WMAS power level be limited to reduce the potential for harmful interference. Because the Commission established rules for licensed wireless microphones in these bands prior to the 2020 *6 GHz Report and Order* that established rules for unlicensed devices in these bands, parties developing or operating unlicensed devices were already aware that they will have to share spectrum with licensed wireless microphones operating at power levels up to one watt.[58] Allowing WMAS to operate in the 6875-6900 MHz and 7100-7125 MHz bands in addition to the Part 74 wireless microphones currently permitted will not negatively impact unlicensed operations as some parties suggest. As discussed below, WMAS must comply with the same power limit as other Part 74 wireless microphones in the 6875-6900 MHz and 7100-7125 MHz bands, i.e., one watt, but we are establishing a wider 20-megahertz maximum allowable bandwidth for WMAS. Therefore, WMAS power spectral density (PSD) in these bands will be lower than that permitted by the current rules, so the interference potential of WMAS to unlicensed devices will be lower than current wireless microphones. Further, as parties noted, the wireless microphone operating range in the 6875-6900 MHz and 7100-7125 MHz bands is short, which means that the distance at which unlicensed devices could potentially receive harmful interference from them is also short.[59] And finally, we note that unlicensed 6 GHz devices in that band are limited to low-power-indoor devices. These devices are required to incorporate a contention-based protocol that will help promote co-existence with other band users, including wireless microphone users.[60] For these reasons, we disagree that our decision to permit WMAS and other Part 74 wireless microphones to operate in the 6875-6900 MHz and 7100-7125 MHz bands will create regulatory uncertainty for manufacturers and users of unlicensed devices in these bands.

18. We disagree with ViacomCBS that we should prohibit WMAS from operating in the UHF-TV band or make WMAS operations secondary to narrowband wireless microphones.[61] The UHF-TV band has historically been used by wireless microphones for reasons such as good signal propagation and compact device size, and multiple parties support its use by WMAS.[62] Prohibiting WMAS operation in this band would severely reduce the public benefits that more efficient wireless microphone systems will provide.[63] In any event, it is not clear that allowing WMAS in the UHF-TV band would have a significant impact on narrowband wireless microphone use by broadcasters. Because we will not permit licensed WMAS to operate with any greater power than a single licensed narrowband wireless microphone and the wider bandwidth will result in lower PSD, the distance at which a WMAS could interfere with other wireless microphones will be short, meaning that any impact on narrowband

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the Commission noted—that need to be removed or modified to reflect the end of the post-Incentive Auction transition period. Microsoft Comments at 7. This paragraph relates only to post-auction transition issues; the Commission was not seeking comment on changes to the Part 74 rules in general.

[58] *See* 47 CFR § 74.861(d)(1); *Unlicensed Use of the 6 GHz Band*, ET Docket No. 18-295, Report and Order and Further Notice of Proposed Rulemaking, 35 FCC Rcd 3852 (2020) (*6 GHz Report and Order*).

[59] Cisco/Facebook/Qualcomm/Intel Reply at 8.

[60] 47 CFR § 15.407(d)(6).

[61] Viacom/CBS Reply at 6-7.

[62] Waves Comments at 3 (supporting unlicensed operation in the UHF TV bands); Shure Comments at 6; Sennheiser Comments at 8-10 (supporting unlicensed operation and arguing that wireless microphones need access to low UHF band spectrum). *See also* https://www.shure.com/en-US/performance-production/louder/why-is-uhf-spectrum-so-important-for-wireless-microphones.

[63] Sennheiser Comments at 7; Shure Comments at 8; Waves Comments at 3; Lectrosonics Reply at 2.

wireless microphone usage will be extremely localized. Further, under the Part 74 rules, licensees operating wireless microphones are expected to work with other nearby licensees to avoid mutual interference, and ViacomCBS has provided no evidence that this process would not work between licensees using WMAS and narrowband wireless microphones.[64] We decline to make WMAS secondary to narrowband wireless microphones and therefore give narrowband wireless microphones users greater spectrum rights.[65] Such an action could result in undesirable situations where a single licensed narrowband wireless microphone user could preclude a more efficient WMAS from operating, as opposed to those users being required to work cooperatively to enable both types of wireless microphones to operate.[66]

3. Licensed WMAS Technical Requirements

19. In this section, we adopt technical requirements for WMAS devices operating on a licensed basis under Part 74 of the rules. While the current Part 74 rules for wireless microphones are based on narrower bandwidths than those required for WMAS, we permit wider bandwidths for WMAS at no higher power levels than the current rules permit and specify emission masks for these devices.[67]

a. Bandwidth

20. *Background.* The Part 74 rules limit wireless microphones operating in the TV bands and 600 MHz duplex gap to a 200 kilohertz maximum bandwidth.[68] Wireless microphones operating in the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100-7125 MHz bands do not have bandwidth limits specified in the Part 74 rules, but are required to meet the emission masks specified in the 2011 ETSI wireless microphone standard, i.e., ETSI EN 300 422-1 v1.4.2 (2011-08) ["EN 300 422-1 (2011)"], which precludes the use of wide bandwidths, e.g., 1 megahertz or greater.[69] Accordingly, the Commission's existing rules preclude WMAS operations as proposed by Sennheiser (i.e., use of a 6 megahertz channel). The most recent version of the ETSI standard, established in 2021, permits WMAS to operate using channels up to 20 megahertz.[70]

21. The Commission proposed in the *Notice* to allow WMAS devices to use a 6-megahertz maximum bandwidth, subject to any technical or other limitations inherent to the particular frequency

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[64] 47 CFR § 74.803(a). This section requires that "[w]here two or more low power auxiliary licensees need to operate in the same area, the licensees shall endeavor to select frequencies or schedule operation in such manner as to avoid mutual interference." *Id.*

[65] Viacom/CBS Reply at 6-7.

[66] We note, however, that the situation would be different in a case involving licensed wireless microphones and a Part 15 unlicensed WMAS. Unlicensed devices may not cause harmful interference to licensed services, and in the event an unlicensed device causes harmful interference the operator must cease operation until the condition causing the harmful interference has been corrected. 47 CFR § 15.5.

[67] For example, licensed wireless microphones are currently permitted to operate in the 1435-1525 MHz band at a power level of 250 milliwatts, and WMAS operations in that band would be subject to the same power limit. *See* 47 CFR § 74.861(d)(1).

[68] 47 CFR § 74.861(e)(5).

[69] 47 CFR § 74.861(d)(4). The emission masks in Section 8.3 of ETSI EN 300 422-1 (2011) require certain levels of attenuation at specified frequency offsets from the wireless microphone carrier frequency over a frequency range from one megahertz below to one megahertz above the carrier frequency. https://www.etsi.org/deliver/etsi_en/300400_300499/30042201/01.04.02_60/en_30042201v010402p.pdf, at 24-27. Section 5.1 of this standard specifies a maximum channel bandwidth of 200 kilohertz at frequencies below 1 GHz, and 600 kilohertz at frequencies above 1 GHz, but the Commission's rules do not require wireless microphones to comply with this section of the standard. *Id.* at 14.

[70] ETSI EN 300 422-1 (2021) at 17, Section 4.2.3.2.

bands within which they would operate.[71] A 6-megahertz channel corresponds to the size of channels in the TV bands where many Part 74 wireless microphones currently operate. The Commission's proposal would allow WMAS device bandwidth to be smaller than 6 megahertz, either by system design or as needed to comply with the amount of spectrum available under the Commission's rules.[72] The Commission further proposed that for WMAS devices in the TV bands, the operating channel must fall entirely within a single TV channel (2-36) that is available for Part 74 wireless microphones in accordance with the separation requirements under section 74.802(b).[73] That proposed requirement is intended to prevent a WMAS device from occupying portions of two unused TV channels simultaneously, potentially excluding other uses that require a full 6-megahertz channel, such as unlicensed white space devices or other WMAS devices.[74] The Commission also sought comment on whether it should permit WMAS to operate in wider bandwidths.[75]

22. Parties generally support a 6 megahertz maximum bandwidth limit in the TV bands as well as prohibiting devices from occupying portions of two TV channels simultaneously.[76] NAB believes that WMAS should not be permitted in a bandwidth less than 1 megahertz.[77] Waves believes that bandwidths as low as 1.5 megahertz could be used for WMAS, although Sennheiser argues that WMAS does not work as well with a bandwidth of less than 6 megahertz.[78] Sennheiser, Shure, and Waves support the ETSI-specified 20 megahertz maximum bandwidth outside of the TV bands.[79] NAB believes that a 20 megahertz bandwidth limit may be too restrictive in the 6875-6900 MHz and 7100-7125 MHz bands, which have 25 megahertz available for licensed wireless microphones, stating that such a limit would be needlessly inefficient by requiring spectrum to remain unused.[80] Conversely, NCTA is concerned that permitting bandwidths up to 20 megahertz, rather than limiting WMAS to 6 megahertz in these bands, could increase the potential for interference to unlicensed devices.[81]

23. *Discussion.* We will permit licensed WMAS to operate with a maximum bandwidth of 6 megahertz in the VHF-TV and UHF-TV bands specified in Part 74 of the rules. This corresponds to the size of a TV channel and is supported by the record.[82] We also adopt our proposal to require a WMAS device to operate entirely within a single 6 MHz channel and not span parts of two adjacent channels to promote more efficient spectrum sharing between narrowband wireless microphones, WMAS, and white space devices. WMAS devices operating in the 4 megahertz portion of the 600 MHz duplex gap available

[71] *Notice*, 36 FCC Rcd at 7917, para. 18.

[72] *Notice*, 36 FCC Rcd at 7917, para. 18. The bandwidth of a WMAS device in the 600 MHz duplex gap (653-657 MHz) would be limited to 4 megahertz, and the amount of spectrum available in each of the 952.850-956.250 MHz and 956.45-959.85 MHz bands is less than 6 megahertz. The 941.5-944 MHz the band is only 2.5 megahertz wide, but it could potentially be combined with the adjacent 944-952 MHz band. 47 CFR § 74.802(a)(1)-(2).

[73] *Notice*, 36 FCC Rcd at 7917, para. 18; *see* 47 CFR § 74.802(b).

[74] *Notice*, 36 FCC Rcd at 7917, para. 18.

[75] *Id.* at 7917-18, para. 19.

[76] Microsoft Comments at 8-9; NAB Comments at 7-8; Sennheiser Comments at 7; Lectrosonics Reply at 3-4; Shure Reply at 17; Waves Reply at 5.

[77] NAB Comments at 8.

[78] Waves Feb. 2, 2022 *ex parte* at 8; Sennheiser Comments at 7.

[79] Sennheiser Comments at 7; Shure Comments at 18; Waves Comments at 6.

[80] NAB Reply at 8.

[81] NCTA Reply at 5.

[82] Microsoft Comments at 8-9; NAB Comments at 7-8; Sennheiser Comments at 7; Lectrosonics Reply at 3-4; Shure Reply at 17; Waves Feb. 17, 2023 *ex parte* at 13.

to licensed wireless microphones will be limited to the width of that band.[83]

24. Outside of the TV bands and 600 MHz duplex gap, we will permit WMAS to operate with bandwidths up to 20 megahertz in spectrum bands where licensed microphone use is permitted by the Part 74 rules and that contain sufficient spectrum, consistent with the 2021 ETSI standard, which requires a WMAS bandwidth that is less than or equal to 20 megahertz.[84] Wireless microphones operating in bands that are less than 20 megahertz wide will be limited to the width of those bands. If ETSI adopts a standard in the future permitting bandwidths greater than 20 megahertz and the Commission, after notice and comment, adopts that standard and makes corresponding amendments to the rules, parties will be permitted to operate WMAS with wider bandwidths in frequency bands that contain sufficient spectrum to do so. We do not believe that a 20 megahertz bandwidth limit is overly restrictive since there is no indication in the record that wireless microphone manufacturers are interested in developing systems with greater bandwidths, and in the event a party has a need to operate in a larger amount of spectrum, it could use multiple WMAS systems. We also do not believe that allowing bandwidths of greater than 6 megahertz outside the TV bands will increase the likelihood of harmful interference to other services or unlicensed operations. On the contrary, as discussed in more detail below, we are requiring WMAS devices operating under Part 74 to comply with the same power limits currently in the rules, resulting in a lower power spectral density and thus reducing the likelihood of harmful interference to other users in the bands where WMAS operates.[85] We decline to require WMAS devices operating in the 6875-6900 MHz and 7100-7125 MHz bands to avoid specific frequencies that could be used for unlicensed operations because under the rules unlicensed devices do not receive interference protection from licensed services.[86] However, we expect that any potential impact to unlicensed operations would be limited as wireless microphones generally only operate over relatively short distances and are generally itinerant and intermittent. Additionally, there are other channels in the 6 GHz band that unlicensed devices could move to at the times that they might be near a wireless microphone operation.

25. We note Sennheiser's argument that WMAS may not work as well using bandwidths less than 6 megahertz and other parties assertions that WMAS should not be permitted in a bandwidth of less than 1 or 1.5 megahertz.[87] However, we decline to specify a minimum bandwidth for WMAS devices operating in any frequency bands because parties are developing systems that can operate in smaller bandwidths (e.g., 1 or 2 megahertz) and we do not wish to preclude WMAS technical advancements that could allow more efficient operation in smaller bandwidths.[88]

b. Spectral Efficiency

26. *Background.* In the *Notice*, the Commission proposed to require WMAS devices to comply with a spectral efficiency requirement of at least three audio channels per megahertz (18 audio channels per 6 megahertz) to ensure that these wider bandwidth devices do not occupy more spectrum than necessary.[89] It stated that this proposal is consistent with ETSI's requirement that WMAS must have at least one mode that supports a minimum of three audio links per megahertz.[90] The Commission

[83] 47 CFR § 74.802(a)(2).

[84] ETSI EN 300 422-1 (2021), Section 4.2.3.2 at 17.

[85] 47 CFR § 74.861(d)(1), (e)(1). As an example, a WMAS device operating with a 20-megahertz bandwidth will have a power spectral density 13 dB lower than a wireless microphone operating at the same power level with a 1 megahertz bandwidth.

[86] 47 CFR § 15.5(b).

[87] Sennheiser Comments at 7; NAB Comments at 8; Waves Feb. 2, 2022 *ex parte* at 8.

[88] Shure Jun. 20, 2023 *Ex Parte* at 3.

[89] *Notice*, 36 FCC Rcd at 7918-19, para. 22.

[90] *Id*. at 7919, para. 22

believed that a spectral efficiency requirement specified over one megahertz could be more appropriate and more flexible than a requirement specified over the WMAS device maximum channel bandwidth because it provides an easier method to scale total power to different bandwidths, thus allowing manufacturers to produce devices in which the bandwidth could be varied as necessary based on the number of audio channels required and the spectrum available for use in any particular frequency band while also ensuring more efficient use of spectrum for wireless microphone operations.[91] The 2021 ETSI standard does not contain a specific requirement for WMAS to have a mode that supports at least three audio links per megahertz, but the definition of WMAS indicates as an example that it may have the ability to support three or more audio channels per MHz.[92]

27. Parties disagree on the appropriate requirements for spectral efficiency. Sennheiser and Waves support the ETSI requirement that WMAS have an operational mode with at least three audio channels per megahertz, but do not believe that WMAS should be required to operate with at least three audio channels per megahertz at all times.[93] Sennheiser argues that such a requirement could be counterproductive because a single event, such as a concert, may require a large number of wireless microphones for some acts but only a few for others, making it impossible for WMAS to comply with a three audio channel per megahertz requirement at all times, thus necessitating the use of both WMAS and narrowband wireless microphones at the same event.[94] Sennheiser further argues that WMAS inherent design efficiencies, such as ease of configuration and operation, along with the ability to combine vocal and instrument audio channels and in-ear monitors within a single TV channel, will encourage efficient spectrum use without a specific efficiency mandate, and that it anticipates that in the vast majority of cases WMAS will operate with 24 or more audio channels within a 6 megahertz TV channel.[95] However, Microsoft, Lectrosonics, and Shure/NAB/Paramount believe that WMAS should comply with a minimum spectral efficiency standard at all times.[96] Microsoft argues that high performance wireless microphones should be subject to a three audio channels per megahertz minimum spectral efficiency requirement, with lower performance microphones subject to a different requirement to be determined.[97] Lectrosonics believes that the Commission should require a three audio channels per megahertz minimum spectral efficiency, which it states would accommodate the highest fidelity on all channels.[98] Shure/NAB/Paramount argue that WMAS should meet or exceed a 4-audio channel per megahertz spectral efficiency standard.[99]

28. *Discussion*. Consistent with the 2021 ETSI standard and the suggestions of Sennheiser and Waves, we will require WMAS to have an operational mode capable of providing at least three audio channels per megahertz, but we will not require WMAS to operate with a specific minimum number of channels at all times. As Sennheiser notes, WMAS allows dynamic resource allocation within a single TV channel for improved wireless microphone efficiency, e.g., higher audio quality for an act performing on stage, fewer resources (lower audio quality) for an act testing equipment prior to going on stage, and even fewer resources (intercom quality) for an act that has just finished.[100] Because of this ability to modify channel usage, e.g., number of channels and/or their sizes, we agree with Sennheiser that a single

[91] *Id.*

[92] ETSI EN 300 422-1 (2021), Section 3.1 at 14.

[93] Sennheiser Comments at 3-6; Waves Feb. 17, 2023 *ex parte* at 3.

[94] Sennheiser Comments at 5.

[95] Sennheiser Comments at 4, 6.

[96] Microsoft Comments at 12; Lectrosonics Reply at 3; Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2.

[97] Microsoft Comments at 12.

[98] Lectrosonics Reply at 3.

[99] Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2.

[100] Sennheiser Reply at 3-4.

spectral efficiency metric that must be met at all times would be inappropriate since the amount of spectrum needed can vary rapidly over time and may not always equal or exceed three audio channels per megahertz. Moreover, requiring a WMAS system to operate with at least three audio channels per megahertz at all times could create other inefficiencies and hardships for users. As noted, microphone usage requirements vary based on specific requirements at the time a microphone is needed. If we were to require by rule that there be at least three audio channels per megahertz in operation at all times, then users would either need to have one or more narrowband microphone systems installed along with a WMAS system for those times when the spectral efficiency requirement was not being met, or the WMAS system would have to establish a connection to microphone(s) not actually needed at a given time just to meet the requirement. Neither outcome is desirable as they lead either to additional cost and complexity for users or inefficient spectrum use without any corresponding benefits to the public. We therefore believe that ETSI's suggestion for WMAS to be capable of operating with three audio channels per megahertz is more appropriate than our initial proposal to require WMAS to meet this efficiency requirement at all times.

29. We recognize the concerns of Microsoft, Lectrosonics, and Shure/NAB/Paramount about the need for efficient spectrum use by WMAS, but note that WMAS is expected to be high-end, and therefore significantly more complex and expensive equipment than current narrowband wireless microphone systems, making it likely to be used only at events where a large number of simultaneous audio channels is necessary.[101] As Sennheiser indicates, WMAS' inherent design efficiencies mean that in the vast majority of cases WMAS will operate with 24 or more audio channels within a 6 megahertz TV channel, thereby using more wireless microphones than required by the minimum capability mode we are requiring.[102] Also, under the Part 74 rules, licensed wireless microphone users are required to coordinate among themselves to ensure that they do not cause mutual interference.[103] This required coordination will help ensure efficient spectrum use by and promote co-existence among parties using both WMAS and conventional narrowband wireless microphones. Finally, we note that any potential conflicts between WMAS and narrowband wireless microphones are likely to raise similar scenarios as those that occur between parties operating narrowband wireless microphones under the existing rules and for which such users successfully manage and coordinate today, in that a single party could operate multiple narrowband wireless microphones that fill a single 6 megahertz TV or multiple TV channels.

c. Output Power

30. *Background*. Under the current Part 74 rules, wireless microphones are limited to 50 milliwatts equivalent isotropically radiated power (EIRP) in the VHF-TV bands, 250 milliwatts conducted power in the UHF-TV band, 20 milliwatts EIRP in the 600 MHz duplex gap, 250 milliwatts conducted power in the 1435-1525 MHz band, and 1 watt conducted power in all other bands.[104] These power limits apply to each individual wireless microphone, so that if, for example, there are 12 wireless microphones operating in close physical proximity within a single 6-megahertz channel, the total power within that channel will be 12 times greater than if there were a single wireless microphone.[105]

31. The Commission proposed to allow WMAS to operate at up to the same maximum power levels as other Part 74 LPAS devices, but sought comment on whether it should allow higher power levels

[101] Microsoft Comments at 12; Lectrosonics Reply at 3; Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2.

[102] Sennheiser Comments at 4, 6.

[103] 47 CFR § 74.803(a). This section states that where two or more low power auxiliary licensees need to operate in the same area, the licensees shall endeavor to select frequencies or schedule operation in such manner as to avoid mutual interference. *Id.*

[104] 47 CFR § 74.861(d)(1), (e)(1).

[105] As a practical matter, wireless microphones generally operate at less than the maximum power the rules allow due to a number of considerations, such as the need to extend battery life, reduced interference between wireless microphones, and because the maximum power is simply not necessary in many applications.

or make other changes to the power limits for WMAS, including how to express the power limits (e.g., PSD or total power, conducted or radiated), and whether it should be capped or permitted to scale with the number of audio channels.[106] The Commission also sought comment on whether there is a need to modify the rules to resolve an inconsistency in the power limits for Part 74 wireless microphones that operate in the TV bands (EIRP in the VHF bands and conducted power in the UHF band).[107] Commenters generally support allowing licensed WMAS to operate at up to the maximum power levels currently permitted in the rules, e.g., up to 50 milliwatts for operation in the VHF-TV bands and up to 250 milliwatts in the UHF-TV band, although as noted above several parties oppose any WMAS operation in the 6875-6900 MHz and 7100-7125 MHz bands.[108] Microsoft supports modifying the Part 74 rules to remove an inconsistency in the power specification between the VHF-TV and UHF-TV bands, while Shure and Lectrosonics do not believe that we need to resolve this inconsistency.[109]

32. *Discussion*. We will permit WMAS to operate on a licensed basis under the Part 74 rules at the same power levels currently permitted under these rules, i.e., 50 milliwatts EIRP in the VHF-TV bands, 250 milliwatts conducted power in the UHF band, 20 milliwatts EIRP in the 600 MHz duplex gap, 250 milliwatts conducted power in the 1435-1525 MHz band, and 1 watt conducted power in all other bands.[110] These power levels are supported by the record.[111] Because we are permitting WMAS to operate with wider bandwidths than the Part 74 rules currently permit, the power spectral density for WMAS, which will operate using wider bandwidths than that used for narrowband wireless microphones, will be lower than for a single narrowband wireless microphone, and therefore significantly lower than when multiple narrowband wireless microphones operate within a single channel. This will result in a decreased potential for WMAS to cause harmful interference to other users in the bands where they operate, including broadcast TV, licensed and unlicensed wireless microphones (narrowband or WMAS), unlicensed white space devices, and aeronautical mobile telemetry (AMT) operations in the 1435-1525 MHz band.

33. We decline to modify the rules to remove the inconsistency in the power specification for licensed wireless microphones in the TV bands (EIRP in the VHF-TV-bands and conducted power in the UHF-TV band).[112] Wireless microphone manufacturers argue that there is no need for changes, and Microsoft does not indicate any specific harms from maintaining the current rules.[113] Because no party has shown a need to modify the rules, we retain the current power specifications for Part 74 wireless microphones in the TV bands without change.

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[106] *Notice*, 36 FCC Rcd at 7920, para. 27.

[107] *Notice*, 36 FCC Rcd at 7921, para. 29. 47 CFR § 74.861(e)(1) specifies the power limit for wireless microphones in the UHF-TV band in terms of conducted power, while the power limits for wireless microphones in the VHF-TV bands and the 600 MHz duplex gap are expressed in terms of EIRP.

[108] Sennheiser Comments at 8; Microsoft Comments at 12; NAB Comments at 8; Waves Audio Comment at 16 (each support limiting WMAS to the same maximum power currently permitted in the Part 74 rules). Shure initially suggested higher power levels for licensed WMAS than the rules currently permit for licensed narrowband wireless microphones, but in subsequent filings recommends up to 250 milliwatts for licensed WMAS, which is the same power level currently permitted for licensed wireless microphones in the UHF-TV bands. Shure Comments at 19; Shure/NAB/Paramount Nov. 3, 2022 *Ex Parte* at 2. Other parties request that the Commission not permit WMAS in the 6875-6900 MHz and 7100-7125 MHz bands. Cisco/Facebook Comments at 14-16; Wi-Fi Alliance Comments at 1; Cisco/Facebook/Qualcomm/Intel Reply at 9; NCTA Reply at 1-2.

[109] Microsoft Comments at 13; Shure Comments at 23; Lectrosonics Reply at 4.

[110] 47 CFR § 74.861(d)(1), (e)(1).

[111] Sennheiser Comments at 8; Microsoft Comments at 12; NAB Comments at 8; Waves Audio Comment at 16; Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2.

[112] 47 CFR § 74.861(e)(1)(i), (ii).

[113] Microsoft Comments at 13; Shure Comments at 23; Lectrosonics Reply at 4.

d. Emission Mask and Spurious Emission Limits

34. *Background*. The Commission proposed to require WMAS devices to comply with the transmit emission mask in the 2017 version of ETSI standard EN 300 422-1 (2017).[114] It stated that this proposal is consistent with the current Part 74 wireless microphone rules that require narrowband wireless microphones to comply with ETSI transmit emission masks (2011 version).[115] The Commission also proposed to require that WMAS emissions outside the band where the emission mask is defined comply with the spurious emission limits in Section 8.4 of ETSI EN 300 422-1 (2017).[116] It requested comment on whether it should adopt a later version instead of the 2017 version if ETSI updates its applicable standards for WMAS during the pendency of this rulemaking.[117] The Commission also sought comment on whether there is a need to adopt the ETSI intermodulation distortion limits, as suggested by Shure.[118]

35. ETSI released a revised version of EN 300 422-1 in November 2021 subsequent to the adoption of the *Notice*.[119] The emission mask for WMAS in the 2021 version is the same as the mask in the 2017 version, except that the last step of the revised mask (60 dB below the carrier) is specified only up to a frequency offset 2.5 times the WMAS bandwidth above and below the carrier rather than 5 times the WMAS bandwidth as in the 2017 version.[120] In either case, emissions that fall beyond the limits of the transmit emission mask must comply with spurious emission limits.[121]

36. Wireless microphone manufacturers support adoption of the ETSI transmit mask and spurious emission limits for WMAS. Sennheiser, Waves, and Shure specifically support use of the 2021 version of the ETSI standard, although Waves believes that there are errors in the ETSI measurement procedures for determining whether a device complies with the emission mask.[122] Waves requests that the Commission permit alternative measurement procedures for determining compliance.[123] Microsoft states that it has no objection to incorporating the 2017 ETSI standard, but states that the Commission should not incorporate any ETSI standards that are finalized during the pendency of this proceeding without providing another public comment period but does not indicate what types of changes in later-adopted standards might be problematic.[124] Sennheiser and Shure support a requirement for wireless microphones to comply with the ETSI intermodulation distortion limits.[125] While these parties commented with respect

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[114] *Notice*, 36 FCC Rcd at 7922, para. 31.

[115] *Id.* (citing 47 CFR § 74.861(d)(4), (e)(7)).

[116] *Id.*

[117] *Id.*

[118] *Notice*, 36 FCC Rcd at 7922, para. 33.

[119] European Telecommunications Standards Institute ETSI EN 300 422-1 v2.2.1 (2021-11), https://www.etsi.org/deliver/etsi_en/300400_300499/30042201/02.02.01_60/en_30042201v020201p.pdf, Section 4.2.4.2.2, at 19-20 [ETSI EN 300 422-1 (2021)].

[120] *Compare* ETSI EN 300 422-1 (2017), Section 8.3.4.3 at 32, *with* ETSI EN 300 422-1 (2021), Section 4.2.4.2.2 at 20.

[121] ETSI EN 300 422-1 (2017), Section 8.4.3 at 37; ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18.

[122] Sennheiser Dec. 12, 2022 *ex parte* at 16; Waves Dec. 19, 2022 *ex parte* at 3-4; Shure Nov. 29, 2022 *ex parte* at 10.

[123] Waves Dec. 19, 2022 *ex parte* at 5-8.

[124] Microsoft Comments at 13-14.

[125] Sennheiser Comments at 7; Shure Comments at 24-25; ETSI EN 300 422-1 (2021), Section 4.2.5 at 21. The 2021 ETSI standard uses the term "transmitter intermodulation attenuation" which it defines as "a measure of the capability of a transmitter to inhibit the generation of signals in its non-linear elements caused by the presence of the transmitter power and an interfering signal entering the transmitter via its antenna." ETSI EN 300 422-1 (2021), Section 4.2.5 at 21.

to the 2017 version of the ETSI standard, they also indicated that they would support rules incorporating portions of the 2021 ETSI standard that was at that time under development.[126] The 2021 version of the standard changed the terminology for the recommended requirement from "intermodulation distortion" to "transmitter intermodulation attenuation" but retained the same technical limit.[127]

37. *Discussion*. We require WMAS operating under Part 74 to comply with the emission mask and spurious emission limits in ETSI EN 300 422-1 (2021).[128] Specifically, emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 3 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11); and emissions outside of this mask shall comply with the spurious emission limits specified in section 4.2.4.1.2 of ETSI EN 300 422-1 V2.2.1 (2021-11).[129] This mask and these emission limits will protect licensed operations in adjacent bands from WMAS operations, including broadcast TV and licensed wireless microphones, and will enable coexistence with unlicensed operations, including white space devices and unlicensed wireless microphones. Wireless microphone manufacturers support these requirements.[130] While Microsoft expresses concern about adopting ETSI standards finalized after the 2017 standard, we observe that there are no significant differences in the WMAS emission mask and the spurious emission limits between the 2017 standard and the 2021 standard. Specifically, both the 2017 and 2021 masks are identical up to a frequency offset 2.5 times the WMAS bandwidth above and below the carrier, which for WMAS on a 6-megahertz TV channel covers the operating channel as well as the upper and lower first and second adjacent TV channels. The only difference between the masks is the point at which a WMAS must comply with the ETSI spurious emission limits (more than 2.5 times the WMAS bandwidth removed from the carrier in the 2021 standard, as opposed to 5 times the WMAS bandwidth from the carrier in the 2017 standard). Microsoft raises no objection to the use of the mask in the ETSI 2021 standard in response to wireless microphone manufacturers' filings in support of this standard.[131]

38. The spurious emission limits are specified differently in the 2021 ETSI standard than in the 2017 standard (in dBm rather than microwatts or nanowatts), but the limits themselves are equivalent.[132] Because the ETSI spurious emission limit in the TV bands is generally more stringent than the limit at the edge of the WMAS emission mask, and because the 2021 mask covers a narrower frequency range, the emission mask in the 2021 ETSI standard will provide slightly greater protection to operations in adjacent bands than the 2017 ETSI mask since the lower spurious emission limits apply at a

[126] *Id.*

[127] *Compare* ETSI EN 300 422-1 (2017) Section 8.5 at 38-39, *with* ETSI EN 300 422-1 (2021), Section 4.2.5 at 21. In both cases the maximum intermodulation distortion product must be at least 40 dB below the output power of the device under test.

[128] ETSI EN 300 422-1 (2021), Section 4.2.4.2.2 at 20; ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18.

[129] *Id.*

[130] Sennheiser Dec. 12, 2022 *ex parte* at 16; Waves Dec. 19, 2022 *ex parte* at 3-4; Shure Nov. 29, 2022 *ex parte* at 10.

[131] Sennheiser Dec. 12, 2022 *ex parte* at 16; Waves Dec. 19, 2022 *ex parte* at 3-4; Shure Nov. 29, 2022 *ex parte* at 10.

[132] ETSI EN 300 422-1 (2017), Section 8.4.3 at 37; ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18. The 2021 ETSI standard specifies three spurious emission limits: -36 dBm at frequencies up to 1 GHz, with a tighter limit of -54 dBm at certain frequencies below 1 GHz that include broadcast television, and -30 dBm at frequencies above 1 GHz. ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18. These limits are expressed in terms of effective radiated power (ERP). *See id.* The 2017 standard specifies ERP limits for these bands of 250 nanowatts, 4 nanowatts and 1 microwatt respectively, ETSI EN 300 422-1 (2017), Section 8.4.3 at 37, which are equivalent to the limits in the 2021 standard. The 2021 ETSI standard also eliminated the specification of lower spurious limits when a device is in a standby mode and slightly reduced the size of one of the bands subject to the tighter -54 dBm spurious limit.

lesser frequency separation from the carrier.[133] In addition, the ETSI spurious emission limit generally provides greater protection than the Part 15 out-of-band emission limits.[134] Thus, incorporating the 2021 ETSI WMAS emission mask and spurious emission limits instead of those in the 2017 standard will not result in any increased likelihood of harmful interference to operations in adjacent bands, including other wireless microphones and unlicensed white space devices.

39. We decline to require wireless microphones, either narrowband or WMAS, to comply with the ETSI intermodulation distortion limits, as suggested by Shure and Sennheiser.[135] The Commission's rules do not currently specify any comparable type of limits for wireless microphones, so requiring wireless microphones to comply with these limits would be a new requirement. The record does not indicate specific benefits associated with adopting this requirement, and there is no information on potential costs or other burdens, such as increased complexity for certification testing or the need for manufacturers to redesign equipment to comply with a new requirement.

40. We note Wave's assertion that the 2021 ETSI standard contains errors in the measurement procedure for determining compliance with the emission mask.[136] To the extent that Waves believes that there are errors, it should work with ETSI to address its concerns. However, in response to Wave's request that the Commission permit alternative measurement procedures for determining compliance,[137] we note that the Commission's rules already provide flexibility in the measurement procedures that parties may use in preparing data for an application for certification.[138] Specifically, test data must be measured in accordance with 1) bulletins or reports prepared by the Commission's Office of Engineering and Technology (OET); 2) those procedures acceptable to the Commission and published by national engineering societies; or 3) any other measurement procedure acceptable to the Commission.[139] Thus, the rules have provisions that could allow Waves to use a procedure that is a variation of, or an alternative to, the 2021 ETSI measurement procedure for determining compliance with the emission mask. If Waves wishes to do so, it should contact OET prior to applying for certification to determine whether its proposed alternative measurement procedures are acceptable to the Commission.[140]

B. Updating Technical Rules for Existing Part 74 LPAS Wireless Microphones to Revised ETSI Standards

41. *Background.* The existing Part 74 LPAS wireless microphone technical rules incorporate certain ETSI standards that date to 2011.[141] In the *Notice*, the Commission proposed to update the

[133] The 2021 ETSI WMAS emission mask requires an attenuation of 60 dB at the edge of the mask. ETSI EN 300 422-1 (2021), Section 4.2.4.2.2, Figure 3 at 20. If, for example, a wireless microphone operates at 50 milliwatts (17 dBm) EIRP, it has an ERP of 14.8 dBm and would have to be attenuated to -45.2 dBm ERP at the edge of the mask. The 2021 ETSI spurious emission limit in the TV bands is -54 dBm ERP, which is almost 9 dB more stringent than the mask requires. ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18.

[134] 47 CFR § 15.209(a). The out-of-band limit in the UHF-TV band (470-608 MHz) is 200 microvolts per meter at a distance of 3 meters. *Id.* This corresponds to an -51.3 dBm ERP, which is greater than the -54 dBm ERP ETSI spurious emission limit in that band. *See* ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18.

[135] Sennheiser Comments at 7; Shure Comments at 22; ETSI EN 300 422-1 (2021), Section 4.2.5 at 21.

[136] Waves Dec. 19, 2022 *ex parte* at 3-4. No other party raised similar concerns.

[137] Waves Dec. 19, 2022 *ex parte* at 5-8.

[138] *See generally* 47 CFR § 2.947.

[139] 47 CFR § 2.947(a).

[140] 47 CFR § 2.947(a)(3).

[141] *Notice*, 36 FCC Rcd at 7923, para. 35. These ETSI standards apply to each of the bands in which the Commission proposed to authorize WMAS – specifically, the VHF-TV bands (54-72 MHz, 76-88 MHz and 174-216 MHz), the UHF-TV band (470-608 MHz), the 653-657 MHz segment of the 600 MHz duplex gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100- (continued….)

existing Part 74 LPAS device rules to require the use of an updated ETSI standard that applies to those type of devices (i.e., non-WMAS wireless microphones).[142] Specifically, it proposed to update the existing Part 74 wireless microphone rules to specify the transmit emission masks and spurious emission limits in EN 300 422-1 (2017) in place of the emission masks in the 2011 version of this standard which are currently specified in the rules.[143] The Commission also proposed to slightly reorganize the rule sections specifying the emission masks and spurious emission limits to make them easier to follow.[144] In making its proposals, the Commission noted that there is one significant difference regarding the emission masks between the 2011 and 2017 versions of the ETSI digital wireless microphone standard.[145] The 2011 standard defines the emission masks for digital systems over a frequency range from one megahertz below to one megahertz above the wireless microphone carrier frequency, whereas the newer 2017 standard defines the emission masks over a frequency range from 5 x B below to 5 x B above the carrier frequency, where B is the channel bandwidth.[146] This difference means that digital wireless microphones that comply with the 2017 emission masks could potentially operate with a wider bandwidth than those that comply with the older mask defined in the 2011 standard.[147] The Commission sought comment on any updates to the ETSI standard that are currently in progress, when a new version is expected to be available, and how it differs from the 2017 standard.[148] The Commission sought comment on whether a transition period would be necessary for wireless microphone manufacturers to comply with an updated ETSI standard, and if so, how long a transition period would be required.[149]

42. The 2021 ETSI standard released subsequent to the *Notice* slightly modified the emission masks for narrowband (non-WMAS) analog and digital wireless microphones from the masks specified in the 2017 version of the ETSI standard.[150] Specifically, it changed the frequency range over which these masks are defined to 2.5 x B above and below the wireless microphone carrier frequency, where B is the channel bandwidth.[151] The 2021 standard specifies a single mask for digital wireless microphones rather than separate masks for frequencies above and below 2 gigahertz, and no longer requires any roll-off within the operating channel of analog wireless microphones, but it still requires the same amount of roll-off (60 dB) at the edge of the operating channel.[152] In addition, the revised masks for both analog and digital wireless microphones require 80 dB of attenuation at the edge of the masks.[153] Sennheiser and Shure support adopting the 2021 ETSI mask and spurious emission limits.[154] Microsoft states that it has

7125 MHz bands. 47 CFR §§ 74.861(d)(4), (e)(7), 15.236(g).

[142] *Notice*, 36 FCC Rcd at 7923, para. 36.

[143] *Notice*, 36 FCC Rcd at 7923, para. 36 (citing 47 CFR § 74.861(d)(4), (e)(7)).

[144] *Notice*, 36 FCC Rcd at 7923, para. 36.

[145] *Notice*, 36 FCC Rcd at 7923, para. 37.

[146] *Notice*, 36 FCC Rcd at 7923, para. 37 (citing ETSI EN 300 422-1 (2011) at 26-27, Section 8.3.2.2; ETSI EN 300 422-1 (2017) at 30, Section 8.3.3.2).

[147] *Notice*, 36 FCC Rcd at 7923, para. 37.

[148] *Notice*, 36 FCC Rcd at 7924, para. 38.

[149] *See Notice*, 36 FCC Rcd at 7924, para. 38.

[150] ETSI EN 300 422-1 (2021).

[151] EN 300 422-1 (2021) at 19-20, Section 4.2.4.2.2.

[152] *Id*.

[153] *Id*. The 2017 masks require 90 dB attenuation at the edge for analog wireless microphones and for digital wireless microphones operating below 2 GHz. ETSI EN 300 422-1 (2017) Sections 8.3.2.2, 8.3.3.2 at 28, 30. The 2017 mask for digital wireless microphones operating above 2 GHz requires 60 dB attenuation at the edge. ETSI EN 300 422-1 (2017) Section 8.3.3.2 at 30.

[154] Sennheiser Comments at 7; Shure Dec. 6, 2023 *ex parte* at 2.

no objection to incorporating the 2017 ETSI standard, but states that the Commission should not incorporate any ETSI standards that are finalized during the pendency of this proceeding without providing for another period of public comment.[155] No party suggested that there is a need for a transition period if the Commission adopts the updated ETSI emission masks or spurious emission limits.

43. *Discussion*. We will require analog and digital narrowband (i.e., non-WMAS) wireless microphones operating under Part 74 for which an application for certification is filed on or after the effective date of the rules to comply with the emission masks and spurious emission limits in ETSI EN 300 422-1 (2021).[156] Specifically, emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with either the emission mask in Figure 1 (analog) or Figure 2 (digital) of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11); and emissions outside of this mask shall comply with the spurious emission limits specified in section 4.2.4.1.2 of ETSI EN 300 422-1 V2.2.1 (2021-11).[157] These masks and emission limits will protect licensed operations in adjacent bands, including broadcast TV and licensed wireless microphones, and will enable coexistence with unlicensed operations, including white space devices and unlicensed wireless microphones. In addition, incorporating the latest ETSI emission masks and spurious emission limits into the rules will harmonize certain Commission wireless microphone requirements with those used in other parts of the world, which will reduce the number of different regulatory requirements with which manufacturers must comply reducing development and manufacturing costs as well as costs to consumers. While Microsoft expresses concern about adopting ETSI standards finalized after the 2017 standard, we observe that the differences between the narrowband emission masks in the 2017 standard and in the 2021 standard are not significant and would not increase the potential for harmful interference to operations in adjacent bands, such as unlicensed white space devices.[158] We therefore adopt the 2021 ETSI standard for narrowband emission masks. As discussed above, the 2021 ETSI standard for spurious emission limits is equivalent to the 2017 standard, so we require narrowband wireless microphones to comply with the spurious emission limits in the 2021 ETSI standard. Because there are no significant differences between the 2021 ETSI standard and the 2011 ETSI standard currently referenced in the rules, and because no party indicated that there is a need for a significant transition period to comply with the 2021 ETSI standard, we will make the rule changes referencing the 2021 standard effective 30 days after publication in the Federal Register. Applications for certification for Part 74 narrowband wireless microphones filed on or after that date must demonstrate compliance with the 2021 ETSI standard, although manufacturers may begin to use it sooner if they choose.[159]

C. Revisions to the Technical Rules for Part 15 Unlicensed Wireless Microphone

[155] Microsoft Comments at 14.

[156] ETSI EN 300 422-1 (2021), Section 4.2.4.2.2 at 19-20; ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18.

[157] *Id.*

[158] In the case of the analog mask, the amount of attenuation at the edge of the wireless microphone operating channel is the same in both cases (60 dB), as is the attenuation at the next step of the mask (80 dB). ETSI EN 300 422-1 (2017) Sections 8.3.2.2 at 28; ETSI EN 300 422-1 (2021), Section 4.2.4.2.2 at 19. The main difference is the frequency at which the mask ends and the spurious emissions apply. In the case of the digital wireless microphone mask, the 2021 ETSI standard slightly modified the 2017 mask for digital wireless microphones operating below 2 GHz and made it applicable to all digital wireless microphones, including those operating above 2 GHz. ETSI EN 300 422-1 (2017) Sections 8.3.3.2 at 30; ETSI EN 300 422-1 (2021), Section 4.2.4.2.2 at 20. The modifications to this mask in the 2021 ETSI standard are not significant, in that the attenuation required at the edge of the wireless microphone operating channel is the same in both cases (30 dB), as is the next step of the mask (80 dB). *Id.* As with the analog emission mask, the main difference between the 2017 and 2021 standards is the frequency at which the mask ends and the spurious emissions apply.

[159] In the event a party needs additional time to comply with the revised standard, e.g., equipment has been tested to show compliance with the 2011 standard but an application for certification has not been filed before the effective date of the new rules, OET will, on a limited basis, permit the use of data showing compliance with the 2011 standard. *See* 47 CFR § 2.947(a) (addressing the use of measurement procedures acceptable to the Commission).

Operations in the TV Bands, the 600 MHz Guard Band, and the 600 MHz Duplex Gap

44. *Background.* The Commission generally applies the same technical rules to unlicensed and licensed wireless microphones operations in the TV bands and the 600 MHz duplex gap, with certain differences relating to operation.[160] In the TV bands, the technical requirements applicable to unlicensed wireless microphones are the same as those under Part 74,[161] while the maximum permissible power for unlicensed wireless microphones in the UHF-TV band is lower (50 milliwatts) than permitted for licensed LPAS wireless microphone operations (250 milliwatts) in that band.[162] The rules for operation in the 600 MHz duplex gap (652-663 MHz) differ between unlicensed wireless microphone and licensed Part 74 wireless microphone operations in that licensed wireless microphones may operate in a 4-megahertz portion (653-657 MHz), while unlicensed wireless microphones may operate in a separate 6-megahertz portion (657-663 MHz), both limited to 20 milliwatts EIRP.[163] Unlicensed wireless microphones share this 6-megahertz portion of the 600 MHz duplex gap with unlicensed white space devices, which operate under other Part 15 rules.[164] The emission mask and the spurious emission limits that apply to unlicensed wireless microphones in the TV bands and the 600 MHz guard band and duplex gap are the same as those that apply to licensed wireless microphones.[165]

45. Consistent with its proposals to update the emission masks and spurious emission limits in the existing Part 74 LPAS rules for licensed wireless microphones, the Commission proposed to update the Part 15 rules to specify the transmit emission masks and the spurious emission limits in EN 300 422-1 (2017) in place of the emission masks and spurious emission limits in the 2011 version of this standard which are currently specified in the rules.[166] The Commission also sought comment on any updates to the ETSI standard that are currently in progress, when a new version is expected to be available, and how it differs from the 2017 standard.[167] As noted above, ETSI issued a revised standard in 2021 that made additional changes to the emissions masks for analog and non-WMAS digital wireless microphones.

46. The Commission recognized that there are unlicensed entities that operate wireless microphones in UHF bands that have a need to operate a large number of wireless microphones, but do not fall into any of the categories that permit license eligibility under Part 74, and thus must operate wireless microphones on an unlicensed basis in the TV bands, the 600 MHz guard band, and the 657-663 MHz portion of the 600 MHz duplex gap.[168] The Commission sought comment on whether WMAS operations should be permitted on an unlicensed basis in any of those bands, and if so, on the technical rules and any restrictions that should apply.[169] Specifically, it sought comment on the appropriate power

[160] *Notice*, 36 FCC Rcd at 7925, para. 40.

[161] Licensed and unlicensed wireless microphones must comply with the same bandwidth, channelization, frequency stability, emission mask, and spurious emission limits. 47 CFR §§ 74.802(c), 74.861(e)(4)-(5), (7), 15.236(f)-(g).

[162] 47 CFR § 15.236(d)(1) (limiting power in the VHF-TV and UHF-TV bands to 50 milliwatts EIRP); 47 CFR § 74.861(e)(1) (limiting power in the VHF-TV bands to 50 milliwatts EIRP and in the UHF-TV band to 250 milliwatts conducted).

[163] *Compare* 47 CFR § 74.861(e)(1)(iii), *with id.* § 15.236(d)(2).

[164] 47 CFR §§ 15.236(c)(3), 15.707(a)(2).

[165] *Compare* 47 CFR § 74.861(e)(7), *with id.* § 15.236(g).

[166] *Notice*, 36 FCC Rcd at 7925, para. 42 (citing 47 CFR § 15.236(g)).

[167] *Notice*, 36 FCC Rcd at 7926, para. 43.

[168] *Notice*, 36 FCC Rcd at 7926, para. 44. Eligible entities include broadcast station licensees, broadcast network entities, cable television system operators, motion picture producers, television program producers, licensees and certain operators in the Broadband Radio Service, large venue owners or operators that routinely use 50 or more wireless microphones, and professional sound companies. 47 CFR §§ 74.801, 74.832.

[169] *Notice*, 36 FCC Rcd at 7926, para. 45.

limits and whether the same bandwidth, spectral efficiency requirements, emission mask, and spurious limits that apply to licensed WMAS should also apply to unlicensed WMAS.[170]

1. Unlicensed WMAS operation under Part 15

47. The record is mixed on whether the Commission should permit WMAS to operate on an unlicensed basis under Part 15. Sennheiser, Shure, and Waves support allowing WMAS on an unlicensed basis.[171] Sennheiser argues that unlicensed operation will benefit all spectrum users, including white space device users, because WMAS reduces the number of TV channels that would need to be occupied by wireless microphones, particularly as compared to conventional narrowband wireless microphones.[172] Shure argues that the number of unlicensed wireless microphone users far exceeds the number of licensed users in the United States, so the full benefit of WMAS technology can only be realized if WMAS is available to unlicensed as well as to licensed users.[173] It notes that many professional audio users routinely require multiple interference-free channels but are not able to obtain a license because they cannot meet the 50 microphone threshold.[174]

48. Lectrosonics argues that the Commission should not allow WMAS to operate under Part 15 because of the interference risk to licensed wireless microphone operations, which have priority, and the potential difficulty in identifying unlicensed WMAS operators to coordinate frequency usage and resolve problems.[175] ViacomCBS argues that the Commission should limit WMAS eligibility to licensed operations to help ensure that this technology is deployed where it will increase efficiency and not in situations where it may have the opposite effect.[176] NCTA requests that if the Commission permits WMAS in the 6 GHz bands, it should limit eligibility to Part 74 licensees to promote coexistence with other users of these bands.[177]

49. Microsoft opposes allowing unlicensed WMAS in the TV bands, expressing concern about potential interference to white space devices, particularly personal/portable devices used indoors.[178] Microsoft also expresses concern about whether there will be an expectation that a venue or sound company using a Part 15 WMAS system will be entitled to receive protection from white space devices.[179] It notes that the Commission sought comment in 2017 on whether to expand eligibility for Part 74 licensing, which could make some parties that currently operate unlicensed wireless microphones eligible for protection in the white space database, and states that the Commission should consider this proceeding in tandem with the 2017 wireless microphones proceeding.[180] NAB initially opposed permitting WMAS operation in the TV bands on an unlicensed basis, but in a joint filing with Shure and Paramount and a subsequent filing with Paramount supported unlicensed operation in the TV bands subject to certain

[170] *Id*.

[171] Sennheiser Comments at 8; Shure Comments at 3; Waves Comments at 18.

[172] Sennheiser Comments at 8.

[173] Shure Comments at 5.

[174] Shure Comments at 4.

[175] Lectrosonics Reply at 3.

[176] ViacomCBS Reply at 7.

[177] NCTA Reply at 6-7.

[178] Microsoft Comments at 15. Microsoft argues that the risk of harmful interference from unlicensed wireless microphones to unlicensed fixed, mobile, and narrowband white space devices is considerably less because those categories of white space device operate almost exclusively outdoors. *Id.*

[179] Microsoft Comments at 15.

[180] Microsoft Reply at 9.

power, bandwidth, and spectral efficiency requirements.[181] These parties suggest permitting unlicensed operation in the TV bands at 50 milliwatts in a 1 megahertz bandwidth with a minimum of 4 audio channels, or 100 milliwatts in a 2 megahertz bandwidth with a minimum of 8 audio channels.[182]

a. Frequency bands

50. We will permit WMAS to operate on an unlicensed basis under Part 15 in the VHF-TV and UHF-TV bands and in the upper 6-megahertz segment of the 600 MHz duplex gap (657-663 MHz), under the same definition of WMAS that we adopt for licensed WMAS. As Shure notes, there are many professional applications for wireless microphones where the operator is not eligible for a Part 74 license because it does not use 50 or more wireless microphones.[183] Thus, the benefits of WMAS cannot be fully realized unless we allow WMAS to operate on an unlicensed basis in addition to a licensed basis.[184] We agree with Sennheiser that WMAS allows for more efficient use, i.e., fewer TV channels are required for large events that use a large number of wireless microphones, thus making more spectrum available for other applications, such as narrowband (non-WMAS) wireless microphones and white space devices.[185] We are not permitting unlicensed WMAS to operate in the 600 MHz guard band (614-616 MHz) since no party indicated that there is a need to do so.

51. We disagree with Lectrosonics and ViacomCBS that we should limit WMAS to licensed Part 74 operations only.[186] Similar to licensed WMAS operations, unlicensed WMAS operations are unlikely to cause harmful interference to licensed wireless microphones since the wider bandwidth will result in a low PSD, limiting the range at which interference could occur. WMAS operating under Part 15 must not cause harmful interference to licensed operations, including licensed wireless microphones, so in the event a Part 15 WMAS system causes harmful interference to a licensed wireless microphone, the Part 15 system would have to move to a different frequency or cease operation.[187] It should not be difficult for a licensed wireless microphone user to locate an unlicensed WMAS system that causes interference since the range at which a system could cause interference to licensed wireless microphones will be short, and a WMAS system a short distance away should be easily identifiable by a large number of wireless microphones communicating with a sophisticated centralized base station. With regard to ViacomCBS' concern about efficient spectrum use, unlicensed WMAS will be subject to the same spectral efficiency requirements as licensed WMAS, and there is no evidence in the record that unlicensed WMAS operations will be less efficient than licensed. Furthermore, in response to NCTA's request that we limit eligibility to operate WMAS in the 6 GHz band to Part 74 licensees,[188] we note that unlicensed WMAS are not authorized in the 6875-6900 MHz and 7100-7125 MHz bands since only entities with a Part 74 license are eligible to operate wireless microphones in those bands.

52. We disagree with Microsoft that we should prohibit unlicensed WMAS in the TV bands due to the potential impact on white space devices, particularly personal/portable devices.[189] As an initial matter, there are currently no certified personal/portable white space devices. However, our decision to allow unlicensed WMAS in the TV bands does not change the relationship between any future

[181] NAB Comments at 6; Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2; NAB/Paramount June 2, 2023 *ex parte* at 3.

[182] Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2; NAB/Paramount June 2, 2023 *ex parte* at 3.

[183] Shure Comments at 4.

[184] Shure Comments at 5.

[185] Sennheiser Comments at 8.

[186] Lectrosonics Reply at 3; ViacomCBS Reply at 7.

[187] 47 CFR § 15.5.

[188] NCTA Reply at 6-7.

[189] Microsoft Comments at 15.

personal/portable white space devices and unlicensed wireless microphones. That is, both types of devices must share spectrum in the TV bands on an equal basis; neither type of device has priority over the other. As discussed below, unlicensed WMAS will operate with no greater power than the rules currently permit for two narrowband unlicensed wireless microphones, so the impact of unlicensed WMAS on white space devices will be no greater than two narrowband wireless microphones, and will be significantly less than if many narrowband wireless microphones operate simultaneously within a single TV channel as the rules currently permit. Because personal/portable white space devices may operate with up to 100 milliwatts EIRP in the TV bands, the same maximum power at which unlicensed WMAS could operate, personal/portable white space devices would have at least as much impact on unlicensed WMAS as unlicensed WMAS would have on personal/portable white space devices.[190] There is no expectation under the rules that unlicensed WMAS would have priority over other unlicensed uses, such as white space devices.[191] In the event of a conflict between two unlicensed devices, the device operators would have to resolve the conflict among themselves by taking actions such as changing the operating channel, reorienting antennas, or changing location.[192]

53. We also disagree with Microsoft that we need to consider this proceeding simultaneously with the 2017 wireless microphones notice of proposed rulemaking that sought comment on whether the Commission should expand the eligibility for a Part 74 license to additional entities, e.g., those that routinely use fewer than 50 wireless microphones.[193] In the event the Commission decides to expand eligibility for Part 74 licensing, that action would increase the number of parties eligible to register wireless microphones for protection in the white space database and thus could increase the number of TV channels reserved for licensed wireless microphones in the database.[194] However, our decision to allow unlicensed WMAS in the TV bands does not increase the number of parties eligible to register wireless microphones and, therefore will not increase the total number of TV channels reserved in the database. If the Commission expands licensing eligibility, the procedure for registering a WMAS on a TV channel by newly eligible entities would be no different than the procedure for registering narrowband wireless microphones. In either case, the registration process reserves an entire TV channel regardless of whether a party registers a single narrowband wireless microphone or a WMAS that fills an entire 6-megahertz channel.[195] Because of the increased spectral efficiency provided by WMAS, i.e., more wireless microphones in a single TV channel, WMAS could actually reduce the number of TV channels that must be reserved in the white space database, thus leaving more vacant channels available for white space devices.

b. Technical requirements

54. *Bandwidth.* Consistent with our actions with respect to licensed WMAS, we permit unlicensed WMAS to operate in the VHF-TV and UHF-TV bands with a maximum bandwidth of 6 megahertz, which corresponds to the size of a TV channel. Also consistent with our actions with respect to licensed WMAS, we will require unlicensed WMAS devices to operate entirely within a single 6 megahertz channel and not span parts of two adjacent channels to promote more efficient spectrum sharing between narrowband wireless microphones, WMAS, and white space devices. We will also

[190] 47 CFR § 15.709(a)(2)(ii).

[191] 47 CFR § 15.5.

[192] *Id.*

[193] Microsoft Comments at 15; *See Wireless Microphones Order on Reconsideration*, 32 FCC Rcd at 6123-25, paras. 85-90.

[194] Parties operating Part 74 licensed wireless microphones may register their location, operating channel(s) and times of operation in the white space database to receive protection from unlicensed white space devices. 47 CFR §§ 15.712(f); 15.713(b)(2)(ii), (j)(8); 15.715(d).

[195] 15.713(j)(8)(vi). This section requires licensed wireless microphone registrations to specify the TV channels used by licensed wireless microphones but does not have provisions for specifying less than a full TV channel.

permit unlicensed WMAS to operate within the 6-megahertz portion of the 600 MHz duplex gap (657-663 MHz) that is available to unlicensed wireless microphones. As with licensed WMAS, we do not specify a minimum bandwidth for unlicensed WMAS because some parties may choose to operate systems with smaller bandwidths (e.g., one or two megahertz, as suggested by Shure), and we do not wish to preclude WMAS technical advancements that could allow it to operate more efficiently with smaller bandwidths. Thus, Shure will be able to operate its WMAS system under the rules we adopt, subject to the power limits discussed below. Because many wireless microphones used in unlicensed applications are identical to those used in licensed applications (except for the maximum allowable power in the UHF TV band), establishing the same technical requirements for wireless microphones under both Parts 74 and 15 of the rules will enable manufacturers to produce wireless microphones at lower cost since they will not have develop multiple variations to comply with differing regulatory requirements.

55. We disagree with Shure/NAB/Paramount that all unlicensed WMAS systems should be limited to a channel size of only one or two megahertz to enable coexistence with narrowband wireless microphones.[196] Such a restriction could severely limit the maximum number of audio channels that an unlicensed WMAS could use, and we note that other wireless microphone manufacturers, such as Sennheiser, are developing systems that operate across the full 6 megahertz TV channel bandwidth.[197] Limiting the maximum permissible bandwidth of unlicensed WMAS to one or two megahertz would not ensure that portions of a vacant TV channel remain available for licensed narrowband wireless microphones since an unlicensed WMAS operator could simply use multiple one or two megahertz systems and occupy an entire 6-megahertz TV channel. For users that require many microphones, and depending on the usage requirements and operating protocols, employing WMAS over a wider bandwidth channel may permit more microphones to share that single channel than could operate on multiple smaller adjacent WMAS channels within that single TV channel.[198] Thus, permitting WMAS to operate on channels up to 6 megahertz bandwidth can promote spectrum efficiency by allowing wireless microphones to operate using fewer TV channels than they do now since a WMAS system on a single 6 megahertz channel could have the same or greater capacity than multiple narrowband wireless microphones using multiple TV channels. This can leave more spectrum available for other wireless microphone users, as well as other spectrum users, e.g., white space devices.

56. We do not believe that an unlicensed WMAS bandwidth restriction is necessary to enable spectrum sharing between unlicensed WMAS and narrowband wireless microphones used in electronic news gathering, as NAB suggests.[199] Based on the record, we expect that WMAS will generally be relatively expensive and complex systems designed for events, such as concerts and live theater, where large numbers of wireless microphones are used, and it seems unlikely that these systems would be deployed for purposes such as covering breaking news events, where simpler narrowband wireless microphones could be deployed more quickly and easily.[200] Therefore, we expect that conflicts between unlicensed WMAS and nearby narrowband wireless microphones used for electronic news gathering are unlikely to occur. And in instances where such conflicts may occur, we believe that the disparate users should be able to easily coordinate usage as both WMAS and narrowband microphones are generally designed with capability to operate over multiple channels.

57. We disagree that the brief operational tests performed by Shure and NAB/Paramount

[196] Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2; NAB/Paramount June 2, 2023 *ex parte* at 4.

[197] Sennheiser Comments at 7; Waves Reply at 5.

[198] For example, multiple separate wireless microphone systems sharing a single TV channel can produce intermodulation products that limit spectrum use, whereas a single wider bandwidth system could be designed to minimize these effects.

[199] NAB/Paramount June 2, 2023 *ex parte* at 3.

[200] Sennheiser June 22, 2023 *ex parte* at 9.

demonstrate that unlicensed WMAS must be limited to a 1 or 2 megahertz bandwidth.[201] We do not believe that this brief test, in which it appears that Sennheiser's prototype 6-megahertz wide WMAS was placed within a few meters of a narrowband wireless microphone receiver[202] and resulted in purported harmful interference at extremely short separation distances, demonstrates a need to limit unlicensed WMAS bandwidth. It also appears that NAB's claim that interference could occur to licensed narrowband wireless microphones at 55 meters from unlicensed WMAS is an unlikely occurrence.[203] As Sennheiser notes, NAB's assumed 20 meter or more distance from a narrowband ENG wireless microphone to its associated receiver seems atypical for newsgathering applications.[204] Assuming a much shorter separation distance, such as 3 to 5 meters, which Sennheiser suggests is more realistic, drastically reduces the distance at which interference could occur to narrowband microphone systems from WMAS.[205] Also, parties operating narrowband wireless microphones in the UHF-TV band on a licensed basis are permitted to operate with up to 250 milliwatts rather than 50 milliwatts as NAB assumed.[206] Further, since WMAS would typically be used at locations such as theaters and concert halls, the emissions are generally expected to be attenuated from building walls between an unlicensed WMAS and narrowband wireless microphones used in ENG, further reducing the likelihood of harmful interference.

58. *Spectral efficiency.* We adopt the same spectral efficiency requirement for unlicensed WMAS that we adopt for licensed WMAS to help ensure consistent requirements between licensed and unlicensed WMAS. That is, an unlicensed WMAS must have an operational mode capable of providing at least three audio channels per megahertz, but we do not require unlicensed WMAS to operate with a specific minimum number of audio channels at all times. As discussed above with respect to licensed WMAS, because of WMAS' dynamic capabilities, a single spectral usage metric would not be appropriate since the number and quality of audio channels can vary during an event and may not equal or exceed a specific threshold, e.g., three audio channels in every megahertz of spectrum at every instance in time. However, as Sennheiser indicates, WMAS spectral efficiency would typically be significantly greater than the three audio channel per megahertz benchmark that we adopt.[207] For these reasons, we decline to adopt a specific spectral efficiency metric that must be met at all times, e.g., 4 audio channels per megahertz as suggested by Shure/NAB Paramount.[208] We instead require unlicensed WMAS to incorporate an operational mode with the capability of operating with three audio channels per megahertz.

59. *Power.* We adopt power levels for unlicensed WMAS to permit them to operate using different technologies developed by different manufacturers, e.g., Shure and Sennheiser. In addition to providing flexibility for multiple technologies, these rules address interference concerns described in the record by minimizing the potential for harmful interference to incumbent licensed wireless microphone operators. We permit unlicensed WMAS in the TV bands with a bandwidth of up to 1 megahertz to operate at 50 milliwatts EIRP, which is the same power level currently permitted for narrowband unlicensed wireless microphones operating with a bandwidth of 200 kHz.[209] For unlicensed WMAS in

[201] NAB/Paramount June 2, 2023 *ex parte* at 2.

[202] *Id.* NAB/Paramount did not state the distance at which interference occurred. Sennheiser states that its WMAS was placed within two meters of the narrowband wireless microphone system which received interference. Sennheiser June 22, 2023 *ex parte* at 6.

[203] NAB/Paramount June 2, 2023 *ex parte* at 3.

[204] Sennheiser June 22, 2023 *ex parte* at 4.

[205] *Id.* at 5.

[206] 47 CFR § 74.861(e)(1)(ii).

[207] Sennheiser Comments at 4, 6.

[208] Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2

[209] 47 CFR § 15.236(d)(1). Historically, the power limit for unlicensed wireless microphones has always been lower than the limit for licensed wireless microphones. This is consistent with unlicensed use under part 15 where the

(continued….)

the TV bands with a bandwidth of 1 to 2 megahertz, we permit operation at up to 100 milliwatts EIRP, which is the same as the power level permitted by the current rules for two narrowband unlicensed wireless microphones, but is less than the 250 milliwatt power lever permitted for licensed wireless microphones in the UHF TV band.[210] This higher power level is supported by Shure and NAB/Paramount (subject to the bandwidth restrictions discussed above), and Sennheiser does not object to it.[211] For unlicensed WMAS in the TV bands with a bandwidth greater than 2 megahertz and up to 6 megahertz, we also permit operation at up to 100 milliwatts EIRP. Although NAB/Fox/Paramount claim that "the record does not contain any request seeking greater power than the 50 milliwatt power level for unlicensed WMAS occupying an entire TV channel,[212] we note that Sennheiser expressly proposes a power level of up to 100 milliwatts for unlicensed WMAS with a bandwidth greater than or equal to 1 megahertz and up to 6 megahertz.[213] We adopt this power level because, as Sennheiser observes, it constitutes a "technology-neutral approach" that will "allow for different types of WMAS implementations."[214] In other words, this power level will allow manufacturers with different system designs (e.g., Sennheiser's with a single power level over 6 megahertz and Shure's where the power scales with bandwidth) to market unlicensed WMAS systems and thus benefit the public by enabling greater availability and use of this more efficient new technology. Additionally, we believe that power level would provide flexibility for the potential development and use of more innovative types of WMAS technology in the future.

60. NAB/Fox/Paramount express concern that this 100 milliwatt power level for unlicensed WMAS operating in the TV bands with a bandwidth greater than 2 megahertz and up to 6 megahertz could pose a risk of harmful interference to broadcasters' existing wireless microphones.[215] However, we do not believe this would be the case. Operation at this higher power level will be limited to WMAS, which has significantly greater spectral efficiency than narrowband wireless microphones. Because WMAS systems are more complex and provide support for more microphones per megahertz than traditional narrowband microphones, we expect that they will be operated at fewer locations than narrowband wireless microphones.[216] Moreover, because WMAS can support many more wireless microphones in a 6-megahertz channel as compared to the number of narrowband wireless microphones that can operate at a location in the same bandwidth, WMAS implementations will encumber fewer TV channels as compared to those narrowband wireless microphone systems. Thus, in areas where unlicensed WMAS may operate, we expect more channels to be available for licensed wireless microphones than may be available today. For these reasons, we are not convinced that, in practical use, there would be a "high risk of interference to broadcasters' existing licensed wireless microphones," as was asserted in a recent *ex parte* submission. Even at the 100 milliwatt power level we adopt for

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users are not known and we rely primarily on the device's technical limits to avoid causing harmful interference to authorized users, as opposed to licensed use under part 74 where the users are known through the licensing process so that additional coordination steps can be taken between known users, if necessary.

[210] *See id*; 47 CFR § 74.861(e)(1)(ii).

[211] Shure/NAB/Paramount Nov. 3, 2022 *ex parte* at 2; NAB/Paramount June 2, 2023 *ex parte* at 4; Sennheiser June 27, 2023 *ex parte* at 2.

[212] NAB/Fox/Paramount Feb. 7, 2024 *ex parte* at 1.

[213] Sennheiser June 27, 2023 *ex parte* at 2. As NAB/Fox/Paramount state, this power level is 3 dB greater than the 50 milliwatt power level on which the Commission sought comment. NAB/Fox/Paramount Feb. 7, 2024 *ex parte* at 1. However, we note that the Commission also generally sought comment on "what technical requirements should apply" to unlicensed WMAS operations. *Notice*, 36 FCC Rcd at 7926, para. 45. And, in response, Sennheiser proposes that the Commission permit unlicensed WMAS to operate with a power level of up to 100 milliwatts if the bandwidth is greater than or equal to 1 megahertz and the WMAS device (e.g., WMAS base) is stationary during operation. Sennheiser June 27, 2023 *ex parte* at 2-3.

[214] Sennheiser June 27, 2023 *ex parte* at 2.

[215] NAB/Fox/Paramount Feb. 7, 2024 *ex parte* at 1.

[216] Appx. A, section 15.236(d)(1)(iii), (f)(2).

unlicensed WMAS operating with greater than 1-megahertz bandwidth, those systems will operate at a lower power spectral density than instances where more than two narrowband wireless microphones operate within a single TV channel and at a significantly lower power spectral density as compared to situations where more expansive narrowband microphone usage is necessary and could occupy an entire 6-megahertz TV channel. In addition, WMAS's higher spectral efficiency will permit a greater number of audio channels in a 6-megahertz TV channel than if multiple narrowband wireless microphones are used further reducing the total amount of spectrum needed for unlicensed operations. This reduced power spectral density and ability to support more microphones on less spectrum compared to narrowband wireless microphones will keep the potential for causing harmful interference low and promote coexistence with other spectrum users. Further, even if we were to limit unlicensed WMAS power to 50 milliwatts for systems with bandwidths of greater 2 megahertz, as NAB/Fox/Paramount suggest, users could still operate multiple 2-megahertz unlicensed WMAS systems at the same location, thus resulting in a power level in a 6 megahertz channel that exceeds the 100 milliwatt limit we adopt, e.g., 200 or 300 milliwatts. In any case, wireless microphone manufacturers have an incentive to design equipment using the lowest power necessary for an application to conserve battery life, which will further reduce the risk of harmful interference from unlicensed WMAS to licensed narrowband wireless microphones. We do not adopt Sennheiser's proposal to require a WMAS base operating at a power level greater than 50 milliwatts to remain stationary since, as discussed above, WMAS will generally be relatively complex systems designed for events such as concerts and live theater, so it seems unlikely that a WMAS base would be deployed in a non-stationary application, e.g., for covering breaking news events.[217]

61. For unlicensed WMAS operating in the upper 6-megahertz segment of the duplex gap (657-663 MHz), we are retaining the maximum 20 milliwatt EIRP limit consistent with the power level currently permitted for narrowband wireless microphones in this frequency band.[218] No party requested a different power level for that band.

62. *Emission mask and spurious emission limits.* Consistent with our action with respect to Part 74 licensed WMAS, we will require unlicensed WMAS to comply with the emission mask and spurious emission limits in the 2021 ETSI standard.[219] These limits will ensure that WMAS protects operations in adjacent bands, including the broadcast TV bands. This action will ensure consistent requirements for both licensed and unlicensed WMAS, which will benefit manufacturers and WMAS users by eliminating the need for manufacturers to design multiple equipment models to comply with differing standards, thus reducing equipment costs.

2. Updated ETSI standards for Part 15

63. We adopt the same emission masks for unlicensed analog and digital narrowband (i.e., non-WMAS) wireless microphones as we do for Part 74 licensed wireless microphones, specifically, those in the 2021 ETSI standard. As with our action harmonizing the emission masks for licensed and unlicensed WMAS, this action will ensure consistency in the requirements for both licensed and unlicensed narrowband wireless microphones, which will benefit manufacturers and narrowband wireless microphone users by eliminating the need for manufacturers to design multiple equipment models to comply with varying standards, thus reducing equipment costs.

D. Updating Wireless Microphone Rules Following the End of the Post-Incentive Auction Transition

64. In the *Notice*, the Commission proposed and sought comment on which Part 74 and Part 15 wireless microphone rules should be updated to reflect the end of the 39-month post-Incentive Auction

[217] Sennheiser June 27, 2023 *ex parte* at 2-3.

[218] 47 CFR § 15.236(d)(2).

[219] ETSI EN 300 422-1 (2021), Section 4.2.4.2.2 at 20; ETSI EN 300 422-1 (2021), Section 4.2.4.1.2 at 18.

transition period.[220] Wireless microphones, both licensed and unlicensed, were previously permitted to operate in the 600 MHz band (former TV channels 38-51) that was reallocated for wireless services in the *Incentive Auction R&O*.[221] The Commission established a 39-month period during which TV stations would transition out of the 600 MHz band, and decided that wireless microphones would no longer be able to operate in the 600 MHz service band after this transition period, although they could still operate in the 600 MHz guard band and duplex gap.[222] After the end of the transition period on July 13, 2020, wireless microphone operations in the 600 MHz band are limited to segments of the 600 MHz guard band and 600 MHz duplex gap, as specified in the Part 15 and 74 rules.[223]

65. *Part 74.* The Commission proposed several specific changes to the Part 74 rules in the *Notice*.[224] Specifically, it proposed to modify the section 74.802(a) frequency list by removing the 614-698 MHz band (former TV channels 38 to 51) and replacing it with the 653-657 MHz band (a segment of the 600 MHz duplex gap), which is the only portion of the 600 MHz band now available under Part 74.[225] The Commission also proposed to modify the technical requirements in section 74.861(e)(1) to remove the reference to the 614-698 MHz band in paragraph (ii) and to add, in paragraph (iii), the frequency band for the duplex gap segment where wireless microphones can operate.[226] It also noted that a number of Part 74 rules specify deadlines related to the post-Incentive Auction transition or other rule changes that have since passed.[227] For example, sections 74.802(f) and 74.851(i)-(l) contain provisions related to the now ended 600 MHz band transition, section 74.870(c) lists 600 MHz band frequencies for Wireless Video Assist devices that are no longer available after the end of the transition, and sections 74.861(d)(3), (e)(6), and 74.870(i) contain transition dates that have passed.[228] No parties objected to these proposals.

66. We make changes to sections 74.802(a), 74.861(e)(1) and 74.870(c) to reflect the frequencies currently available for low power auxiliary stations. We also modify section 74.802(b)(1) by removing the entries for analog TV stations from the table of TV service contours that licensed wireless microphones must protect and correcting the upper channel number of the UHF-TV band.[229] Because all analog TV broadcasting ceased in 2021, it is no longer necessary to specify these contours, and the upper channel in the UHF-TV band is now channel 36.[230] However, we will not at this time make additional revisions to the Part 74 rules to remove all paragraphs with transition dates that have passed. It is possible that there are parties still in possession of wireless microphones that can no longer be used because they operate on frequencies where operation is now prohibited, e.g., the 600 MHz service bands, and retaining the rules with the transition requirements can enable parties to more easily determine which equipment may or may not be used now.

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[220] *Notice*, 36 FCC Rcd at 7928-29, paras. 50-53.

[221] *See generally, Incentive Auction R&O*, 29 FCC Rcd 6567.

[222] *Incentive Auction R&O*, 29 FCC Rcd at 6845-46, paras. 684, 687.

[223] *Channel Reassignment Public Notice*, 32 FCC Rcd at 2807, para. 68; 47 CFR §§ 15.236(c)(3), (5); 74.802(a)(2).

[224] *Notice*, 36 FCC Rcd at 7928, para. 51.

[225] *Notice*, 36 FCC Rcd at 7928, para. 51 (citing 47 CFR § 74.802(a)). The Commission proposed to eliminate paragraph (a)(2) and re-number paragraph (a)(1) to (a). *Id.* at 7928, para. 51 n.128.

[226] *Notice*, 36 FCC Rcd at 7928, para. 51 (citing 47 CFR § 74.861(e)(1)(ii)-(iii)).

[227] *Notice*, 36 FCC Rcd at 7928, para. 51.

[228] *Notice*, 36 FCC Rcd at 7928, para. 51 (citing 47 CFR §§ 74.802(f), 74.851(i)-(l), 74.861(d)(3), (e)(6), 74.870(c), (i)).

[229] 47 CFR § 74.802(b)(1).

[230] *See Media Bureau Reminds Low Power Television and Television Translator Stations that the July 13, 2021, Digital Transition Date and Other Important Deadlines are One Week Away*, Public Notice, 36 FCC Rcd 10364 (MB 2021).

67. *Part 15.* The Commission proposed to make certain edits to the Part 15 rules to remove unnecessary references to transition dates that have passed and to make the rules clearer and easier to follow.[231] Specifically, with regard to section 15.236, it proposed to amend paragraph (a) to remove the definition for the 600 MHz service band since it is no longer available for wireless microphone use, as well as the definition of Spectrum Act, since it is not referenced anywhere else in this rule section.[232] The Commission also proposed to remove paragraph (c)(2), which lists the 600 MHz service band as being available for unlicensed wireless microphones, and paragraph (e)(2), which lists the minimum required separation distances from 600 MHz service band licensees, and also proposed to modify paragraph (d)(1) to remove a reference to the 600 MHz service band.[233] It further proposed to remove section 15.236(c)(6) which requires that prior to operation in the 600 MHz service band, the 600 MHz guard band(s), or the 600 MHz duplex gap, wireless microphone users must rely on the white space database to determine that their intended operating frequencies are available for unlicensed wireless microphone operation at the location where they will be used, and to make corresponding revisions to the white space rules to reflect the removal of this section.[234] The Commission also proposed to remove section 15.37(i) (transition provisions for compliance with modified wireless microphone rules) since the certification, manufacturing, marketing, and operational cutoff dates have all passed and there does not appear to be a need to retain this section.[235] It further proposed to remove section 15.37(k) (disclosure requirements for unlicensed wireless microphones capable of operating in the 600 MHz service band) since all marketing of unlicensed wireless microphones that operate in the 600 MHz service band is now prohibited, so there does not appear to be a need for this rule on consumer disclosure.[236] No parties objected to these proposals.

68. We adopt the proposals to modify section 15.236 to reflect the currently available frequencies for unlicensed wireless microphones, except we are making additional modifications to section 15.236(e) by removing the entries for analog TV stations from the table of TV service contours that unlicensed wireless microphones must protect and correcting the upper channel number of the UHF-TV band.[237] All analog TV broadcasting ceased in 2021, so it is no longer necessary to specify these contours, and the highest channel in the UHF-TV band is now channel 36.[238] Consistent with our actions with respect to licensed wireless microphones, we retain the transition requirements in section 15.37 so parties can more easily determine which wireless microphones comply with the current rules, e.g., permissible frequencies of operation.

69. With regard to removing section 15.236(c)(6), the Spectrum Act states that operation of unlicensed devices in the 600 MHz guard bands "shall rely on a database or subsequent methodology as determined by the Commission."[239] We are removing the database access requirement for unlicensed wireless microphones operating in the guard bands (including the duplex gap) as no longer necessary since these bands are now unavailable to licensed services nationwide. We believe that this constitutes a

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[231] *Notice*, 36 FCC Rcd at 7929, para. 52.

[232] *Notice*, 36 FCC Rcd at 7929, para. 52 (citing 47 CFR § 15.236(a)(4)-(5)). The Commission also proposed to remove the unnecessary note between these paragraphs. *Id.*

[233] *Notice*, 36 FCC Rcd at 7929, para. 52 (citing 47 CFR § 15.236(c)(2), (d)(1), (e)(2)).

[234] *Notice*, 36 FCC Rcd at 7929, para. 52 (citing 47 CFR §§ 15.236(c)(6), 15.703, 15.713, 15.715).

[235] *Notice*, 36 FCC Rcd at 7929, para. 52 (citing 47 CFR § 15.37(i)).

[236] *Notice*, 36 FCC Rcd at 7929, para. 52 (citing 47 CFR § 15.37(k)).

[237] 47 CFR § 15.236(e).

[238] *See Media Bureau Reminds Low Power Television and Television Translator Stations that the July 13, 2021, Digital Transition Date and Other Important Deadlines are One Week Away*, Public Notice, 36 FCC Rcd 10364 (MB 2021).

[239] 47 U.S.C. § 1454(d).

"subsequent methodology" that will ensure that unlicensed wireless microphones do not cause harmful interference to licensed services, thus complying with the Spectrum Act requirements.[240] Consistent with removing the database access requirement for unlicensed wireless microphones, we also remove references to this requirement in sections 15.703, 15.713 and 15.715 of the white space rules.

IV. PROCEDURAL MATTERS

70. *Regulatory Flexibility Act*. The Regulatory Flexibility Act of 1980, as amended (RFA),[241] requires that an agency prepare a regulatory flexibility analysis for notice and comment rulemakings, unless the agency certifies that "the rule will not, if promulgated, have a significant economic impact on a substantial number of small entities."[242] Accordingly, we have prepared a Final Regulatory Flexibility Analysis (FRFA) concerning the possible impact of the rule changes contained in this Report and Order on small entities. The FRFA is set forth in Appendix C.

71. *Paperwork Reduction Act*. This document does not contain new or modified information collection requirements subject to the Paperwork Reduction Act of 1995 (PRA), Public Law 104-13. In addition, therefore, it does not contain any new or modified information collection burden for small business concerns with fewer than 25 employees, pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107-198, *see* 44 U.S.C. 3506(c)(4).

72. *Congressional Review Act.* The Commission has determined, and the Administrator of the Office of Information and Regulatory Affairs, Office of Management and Budget, concurs, that this rule is non-major under the Congressional Review Act, 5 U.S.C. § 804(2). The Commission will send a copy of this Report & Order, etc. to Congress and the Government Accountability Office pursuant to 5 U.S.C. § 801(a)(1)(A).

73. *People with Disabilities*. To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (TTY).

74. *Contact Persons*. For additional information concerning this Report and Order, please contact Mr. Hugh L. Van Tuyl at 202-418-7506 or Hugh.VanTuyl@fcc.gov.

V. ORDERING CLAUSES

75. Accordingly, IT IS ORDERED that, pursuant to the authority contained in sections 4(i), 301, 302, and 303 of the Communications Act of 1934, as amended, and sections 6403 and 6407 of the Middle Class Tax Relief and Job Creation Act of 2012, Pub. L. No. 112-96, 126 Stat. 156, 47 U.S.C. §§ 154(i), 301, 302a, 303, 1452, 1454, this Report and Order IS HEREBY ADOPTED.

76. IT IS FURTHER ORDERED that parts 15 and 74 of the Commission's rules ARE AMENDED as specified in Appendix A, and such rule amendments WILL BECOME EFFECTIVE 30 days after the date of publication in the *Federal Register*.

77. IT IS FURTHER ORDERED that the Commission's Office of the Secretary, SHALL SEND a copy of the Report and Order, including the Final Regulatory Flexibility Analysis, to the Chief Counsel for Advocacy of the Small Business Administration.

78. IT IS FURTHER ORDERED that the Office of the Managing Director, Performance Program Management, SHALL SEND a copy of this Report and Order in a report to be sent to Congress and the Government Accountability Office pursuant to the Congressional Review Act, 5 U.S.C. § 801(a)(1)(A).

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[240] 47 U.S.C. § 1454(d), (e).

[241] 5 U.S.C. §§ 601–612. The RFA has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[242] 5 U.S.C. § 605(b).

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

Appendix A

Final Rules

For the reasons discussed in the preamble, the Federal Communications Commission amends 47 CFR parts 15 and 74 as follows:

PART 15 – RADIO FREQUENCY DEVICES

The authority citation for part 15 continues to read as follows:

AUTHORITY: 47 U.S.C. 154, 302a, 303, 304, 307, 336, 544a, and 549.

1. Section 15.38 is amended by:

a. Revising the introductory text;

b. Redesignating paragraphs (a) through (f) as paragraphs (b) through (g) and adding new paragraph (a);

c. Revising newly-redesignated paragraph (e); and

d. Removing notes 1 and 2 to § 15.38.

The revisions and addition read as follows:

§ 15.38 Incorporation by reference.

Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in this section, the Federal Communications Commission (FCC) must publish a document in the Federal Register and the material must be available to the public. All approved incorporation by reference (IBR) material is available for inspection at the FCC and at the National Archives and Records Administration (NARA). Contact FCC at the address indicated in 47 CFR 0.401(a); phone: (202) 418-0270. For information on the availability of this material at NARA, visit www.archives.gov/federal-register/cfr/ibr-locations or email fr.inspection@nara.gov. The material may be obtained from the following sources:

(a) The IBR material may be obtained from the sources in the following paragraphs of this section or from one or more private resellers listed in this paragraph (a).

(1) Accuris Standards Store, 321 Inverness Drive, South Englewood, CO, 80112; phone: (800) 332-6077; website: https://accuristech.com.

(2) American National Standards Institute (ANSI), see paragraph (b) of this section.

(3) GlobalSpec, 257 Fuller Road, Suite NFE 1100, Albany, NY 12203-3621; phone: (800) 261-2052; website: https://standards.globalspec.com.

(4) Nimonik Document Center, 401 Roland Way, Suite 224, Oakland, CA, 94624; phone (650) 591-7600; email: info@document-center.com; website: www.document-center.com.

* * * * *

(e) European Telecommunications Standards Institute (ETSI), 650 Route des Lucioles, F-06921 Sophia Antipolis Cedex, France; phone: +33 4 92 94 42 00; email: webstore@etsi.org; website: www.etsi.org/.

(1) ETSI EN 300 422-1 V2.2.1 (2021-11), Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Audio PMSE Equipment up to 3 GHz; Harmonised Standard for access to radio spectrum, published November 2021; IBR approved for § 15.236(g). (Available at: www.etsi.org/deliver/etsi_en/300400_300499/30042201/02.02.01_60/en_30042201v020201p.pdf.)

(2) [Reserved]

* * * * *

2. Section 15.236 is revised and republished to read as follows:

§ 15.236 Operation of wireless microphones in the bands 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-608 MHz, 614-616 MHz and 657-663 MHz.

(a) *Definitions*. The following definitions apply in this section.

600 MHz duplex gap. An 11 megahertz guard band at 652-663 MHz that separates part 27 600 MHz service uplink and downlink frequencies.

600 MHz guard band. Designated frequency band at 614-617 MHz that prevents interference between licensed services in the 600 MHz service band and channel 37.

Wireless Microphone. An intentional radiator that converts sound into electrical audio signals that are transmitted using radio signals to a receiver which converts the radio signals back into audio signals that are sent through a sound recording or amplifying system. Wireless microphones may be used for cue and control communications and synchronization of TV camera signals as defined in § 74.801 of this chapter. Wireless microphones do not include auditory assistance devices as defined in § 15.3(a) of this part.

Wireless Multichannel Audio Systems. Wireless audio transmission systems using broadband digital transmission techniques for microphone and in-ear monitor system applications and other multichannel audio use.

(b) *Permissible operations*. Operation under this section is limited to wireless microphones and wireless multichannel audio systems as defined in this section.

(c) *Frequency bands.* Operation of wireless microphones is permitted in all of the following frequency bands. Wireless multichannel audio systems may operate only in the bands listed in paragraphs (c)(1) and (2) of this section.

(1) Channels allocated and assigned for the broadcast television service.

(2) The 657-663 MHz segment of the 600 MHz duplex gap.

(3) The 614-616 MHz segment of the 600 MHz guard band.

(d) *Power limits.* The maximum radiated power shall not exceed the following values:

(1) In the bands allocated and assigned for broadcast television:

(i) Wireless microphones: 50 mW EIRP.

(ii) Wireless multichannel audio systems with a bandwidth up to 1 MHz: 50 mW EIRP.

(iii) Wireless multichannel audio systems with a bandwidth greater than 1 MHz: 100 mW EIRP.

(2) In the 600 MHz guard band and the 600 MHz duplex gap: 20 mW EIRP.

(e) *Operating locations.* Operation is limited to locations at least four kilometers outside the following protected service contours of co-channel TV stations:

Table 1 to paragraph (e)

Type of station	**Protected contour**		
	Channel	**Contour (dBu)**	**Propagation curve**
Digital: Full service TV, Class A TV, LPTV, translator and booster	Low VHF (2-6)	28	F(50,90)
	High VHF (7-13)	36	F(50,90)
	UHF (14-36)	41	F(50,90)

(f) *Operating frequency and bandwidth* – (1) *Wireless microphones.* The operating frequency within a permissible band of operation defined in paragraph (c) of this section must comply with the following requirements.

(i) The frequency selection shall be offset from the upper or lower band limits by 25 kHz or an integral multiple thereof.

(ii) One or more adjacent 25 kHz segments within the assignable frequencies may be combined to form a channel whose maximum bandwidth shall not exceed 200 kHz. The operating bandwidth shall not exceed 200 kHz.

(iii) The frequency tolerance of the carrier signal shall be maintained within ±0.005% of the operating frequency over a temperature variation of −20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. Battery operated equipment shall be tested using a new battery.

(2) *Wireless multichannel audio systems.* A wireless multichannel audio system may have an operating bandwidth not exceeding 6 megahertz and must have a mode of operation in which it is capable of operating with at least three audio channels per megahertz. For wireless multichannel audio systems operating in the TV bands (channels 2-36), the 6 megahertz (or less) channel must fall entirely within a single TV channel.

(g) *Emission masks*–(1) *Analog systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 1 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 15.38).

(2) *Digital systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 2 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 15.38).

(3) *Wireless Multichannel Audio Systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 3 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11), (incorporated by reference, see § 15.38).

(4) *Spurious emission limits.* Emissions outside of the emission masks listed in paragraphs (g)(1) through (g)(3) shall comply with the limits specified in section 4.2.4.1.2 of ETSI EN 300 422-1 V2.2.1 (2021-11), (incorporated by reference, see § 15.38).

3. Section 15.703 is amended by revising the definition for "white space database" to read as follows:

§ 15.703 Definitions.

* * * * *

White space database. A database system approved by the Commission that maintains records on authorized services and provides lists of available channels to white space devices.

4. Section 15.713 is amended by:

a. Removing and reserving paragraph (a)(2);

b. Revising paragraph (a)(3); and

c. Removing and reserving paragraphs (f) and (i).

The revision reads as follows:

§ 15.713 White space database.

(a) * * *

(3) To register the identification information and location of fixed white space devices.

* * * * *

§ 15.715 [Amended]

5. Section 15.715 is amended by removing paragraph (q).

Part 74 – EXPERIMENTAL RADIO, AUXILIARY, SPECIAL BROADCAST AND OTHER PROGRAM DISTRIBUTION SERVICES

6. The authority citation for part 74 continues to read as follows:

AUTHORITY: 47 U.S.C. 154, 302a, 303, 307, 309, 310, 325, 336 and 554.

7. Section 74.35 is amended by adding new section to read as follows:

§ 74.35 Incorporation by reference.

Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in this section, the Federal Communications Commission (FCC) must publish a document in the Federal Register and the material must be available to the public. All approved incorporation by reference (IBR) material is available for inspection at the FCC and at the National Archives and Records Administration (NARA). Contact the FCC at the address indicated in 47 CFR 0.401(a); phone: (202) 418–0270. For information on the availability of this material at NARA, visit www.archives.gov/federal-register/cfr/ibr-locations or email fr.inspection@nara.gov. The material may be obtained from the European Telecommunications Standards Institute (ETSI), 650 Route des Lucioles, F-06921 Sophia Antipolis Cedex, France; phone: +33 4 92 94 42 00; email: webstore@etsi.org; website: www.etsi.org/.

(a) ETSI EN 300 422-1 V2.2.1 (2021-11), Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Audio PMSE Equipment up to 3 GHz; Harmonised Standard for access to radio spectrum, published November 2021; IBR approved for § 74.861(d)(4) and (e)(7). (Available at: www.etsi.org/deliver/etsi_en/300400_300499/30042201/02.02.01_60/en_30042201v020201p.pdf.)

(b) [Reserved]

8. Section 74.801 is amended by adding, in alphabetical order, a definition for "Wireless Multichannel Audio System" to read as follows:

§ 74.801 Definitions

* * * * *

Wireless Multichannel Audio Systems. Wireless audio transmission systems using broadband digital transmission techniques for microphone and in-ear monitor system applications and other multichannel audio use.

9. Section 74.802 is amended by revising paragraphs (a) and (b)(1) to read as follows:

§ 74.802 Frequency assignment.

(a) Frequencies within the following bands may be assigned for use by low power auxiliary stations:

26.100-26.480 MHz

54.000-72.000 MHz

76.000-88.000 MHz

161.625-161.775 MHz (except in Puerto Rico or the Virgin Islands)

174.000-216.000 MHz

450.000-451.000 MHz

455.000-456.000 MHz

470.000-488.000 MHz

488.000-494.000 MHz (except Hawaii)

494.000-608.000 MHz

653.000-657.000 MHz

941.500-944.000 MHz

944.000-952.000 MHz

952.850-956.250 MHz

956.45-959.85 MHz

1435-1525 MHz

6875.000-6900.000 MHz

7100.000-7125.000 MHz

(b)(1) Operations in the bands allocated for TV broadcasting are limited to locations at least 4 kilometers outside the protected contours of co-channel TV stations shown in the following table. These contours are calculated using the methodology in § 73.684 of this chapter and the R-6602 curves contained in § 73.699 of this chapter.

Table 1 to paragraph (b)(1)

Type of station	**Protected contour**		
	Channel	**Contour (dBu)**	**Propagation curve**
Digital: Full service TV, Class A TV, LPTV, translator and booster	Low VHF (2-6)	28	F(50,90)
	High VHF (7-13)	36	F(50,90)
	UHF (14-36)	41	F(50,90)

* * * * *

10. Section 74.861 is amended by:

a. Revising paragraphs (d)(4) and (e)(1), (5), and (7); and

b. removing paragraph (i).

The revisions read as follows:

§ 74.861 Technical requirements.

* * * * *

(d)* * *

(4) The following emission limits apply in the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100-7125 MHz bands.

(i) *Analog systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 1 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

(ii) *Digital systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 2 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

(iii) *Wireless Multichannel Audio Systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 3 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35). A wireless multichannel audio system must have an operating bandwidth B not exceeding 20 megahertz and must have a mode of operation in which it is capable of transmitting at least three audio channels per megahertz.

(iv) *Spurious emission limits.* Emissions outside of the emission masks specified in paragraphs (d)(4)(i) through (d)(4)(iii) shall comply with the limits specified in section 4.2.4.1.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

(e) * * *

(1) The power may not exceed the following values.

(i) 54-72, 76-88, and 174-216 MHz bands: 50 mW EIRP

(ii) 470-608 MHz band: 250 mW conducted power

(iii) 653-657 MHz band: 20 mW EIRP

* * * * *

(5) The operating bandwidth shall not exceed 200 kilohertz, except that a wireless multichannel audio system must have an operating bandwidth not exceeding 6 megahertz in the TV bands or 4 megahertz in the 653-657 MHz band and must have a mode of operation in which it is capable of transmitting at least three audio channels per megahertz. For wireless multichannel audio systems operating in the TV bands, the 6 megahertz (or less) channel must fall entirely within a single TV channel (2-36) that is available for Part 74 LPAS use under § 74.802(b). The provisions of § 74.802(c) regarding frequency of operation within TV channels do not apply to wireless multichannel audio systems.

* * * * *

(7) (i) *Analog systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 1 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

(ii) *Digital systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 2 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

(iii) *Wireless Multichannel Audio Systems.* Emissions within the band from 2.5 x B below to 2.5 x B above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 3 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11), (incorporated by reference, see § 74.35).

(iv) *Spurious emission limits.* Emissions outside of the emission masks listed in paragraphs (e)(7)(i) through (e)(7)(iii) shall comply with the limits specified in section 4.2.4.1.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

* * * * *

11. Section 74.870 is amended by revising paragraph (c) introductory text to read as follows:

§ 74.870 Wireless video assist devices.

* * * * *

(c) Wireless video assist devices may operate with a bandwidth not to exceed 6 MHz on frequencies in the bands 180-210 MHz (TV channels 8-12) and 470-608 MHz (TV channels 14-36) subject to the following restrictions:

* * * * *

Appendix B

List of Parties Filing Comments

Comments

1. Aerospace and Flight Test Radio Coordinating Council, Inc. (AFTRCC)
2. Cisco Systems, Inc. and Facebook, Inc. (Joint Filers)
3. Microsoft Corporation (Microsoft)
4. National Association of Broadcasters (NAB)
5. National Telecommunications and Information Administration (NTIA)
6. Sennheiser Electronic Corporation (Sennheiser)
7. Shure Incorporated (Shure)
8. Society of Broadcast Engineers, Incorporated (SBE)
9. Waves Audio Ltd. (Waves)
10. Wi-Fi Alliance

Reply comments (due August 30, 2021)

1. Cisco Systems, Inc., Facebook, Inc., Qualcomm, Inc. and Intel Corporation (Joint Filers)
2. Lectrosonics, Inc.
3. Microsoft Corporation (Microsoft)
4. National Association of Broadcasters (NAB)
5. NCTA – The Internet & Television Association (NCTA)
6. Sennheiser Electronic Corporation (Sennheiser)
7. Shure Incorporated (Shure)
8. ViacomCBS Inc. (ViacomCBS)
9. Waves Audio Ltd. (Waves)

APPENDIX C

Final Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA),[243] an Initial Regulatory Flexibility Analysis (IRFA) was incorporated into the *Amendment of Parts 15 and 74 of the Rules for Wireless Microphones in the TV Bands, 600 MHz Guard Band, 600 MHz Duplex Gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100-7125 MHz Bands*, *Notice of Proposed Rulemaking* (*NPRM*) released April 22, 2021.[244] The Federal Communications Commission (Commission) sought written public comments on the proposals in the *NPRM*, including comment on the IRFA. No comments were filed addressing the IRFA. This present Final Regulatory Flexibility Analysis (FRFA) conforms to the RFA.[245]

A. Need for, and Objectives of, the Report and Order

2. The *Report and Order* revises the technical rules for the operation of part 74 low-power auxiliary station (LPAS) devices in order to permit the operation of Wireless Multichannel Audio Systems (WMAS), a recently developed type of wireless microphone system that operates in broadcast television (TV) bands and other Part 74 LPAS frequency bands on a licensed basis. This emerging technology will enable more wireless microphones to operate in the spectrum available for wireless microphone operations, thereby advancing an important Commission goal of promoting efficient and more intensive spectrum use. Additionally, the *Report and Order* adopts technical rules for licensed WMAS operations in specific frequency bands under the part 74 LPAS rules and also permits the operation of WMAS under the part 15 rules in the TV bands and in the 600 MHz duplex gap. Further, it updates the existing part 74 and part 15 technical rules for wireless microphones to incorporate the latest (2021) version of the European Telecommunications Standards Institute (ETSI) wireless microphone standard. Lastly, the *Report and Order* updates the wireless microphone rules to reflect the end of the post-Incentive auction transition period.

B. Summary of Significant Issues Raised by Public Comments in Response to the IRFA

3. There were no comments filed that specifically addressed the proposed rules and policies presented in the IRFA.

C. Response to Comments by the Chief Counsel for Advocacy of the Small Business Administration

4. Pursuant to the Small Business Jobs Act of 2010, which amended the RFA, the Commission is required to respond to any comments filed by the Chief Counsel for Advocacy of the Small Business Administration (SBA), and to provide a detailed statement of any change made to the proposed rules as a result of those comments.[246] The Chief Counsel did not file any comments in response to the proposed rules in this proceeding.

D. Description and Estimate of the Number of Small Entities to Which the Rules Will

[243] 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601 – 612, has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[244] *Amendment of Parts 15 and 74 of the Rules for Wireless Microphones in the TV Bands, 600 MHz Guard Band, 600 MHz Duplex Gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100-7125 MHz Bands*, ET Docket No. 21-115, Notice of Proposed Rulemaking, 36 FCC Rcd 7908 (11), Appendix C (rel. April 22, 2021) (*NPRM*).

[245] 5 U.S.C. § 604.

[246] *Id*. § 604(a)(3)

Apply

5. The RFA directs agencies to provide a description of, and where feasible, an estimate of the number of small entities that may be affected by the rules adopted herein.[247] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction."[248] In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act.[249] A "small business concern" is one that: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[250]

6. *Small Businesses, Small Organizations, Small Governmental Jurisdictions.* Our actions, over time, may affect small entities that are not easily categorized at present. We therefore describe, at the outset, three broad groups of small entities that could be directly affected herein.[251] First, while there are industry specific size standards for small businesses that are used in the regulatory flexibility analysis, according to data from the Small Business Administration's (SBA) Office of Advocacy, in general a small business is an independent business having fewer than 500 employees.[252] These types of small businesses represent 99.9% of all businesses in the United States, which translates to 33.2 million businesses.[253]

7. Next, the type of small entity described as a "small organization" is generally "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field."[254] The Internal Revenue Service (IRS) uses a revenue benchmark of $50,000 or less to delineate its annual electronic filing requirements for small exempt organizations.[255] Nationwide, for tax year 2020, there were approximately 447,689 small exempt organizations in the U.S. reporting revenues of $50,000 or less according to the registration and tax data for exempt organizations available from the IRS.[256]

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[247] *Id.* at 604(a)(4).

[248] *Id.* § 601(6).

[249] *Id.* § 601(3) (incorporating by reference the definition of "small-business concern" in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register."

[250] Small Business Act, 15 U.S.C. § 632 (1996).

[251] *See* 5 U.S.C. § 601(3)-(6).

[252] *See* SBA, Office of Advocacy, "What's New With Small Business?," https://advocacy.sba.gov/wp-content/uploads/2023/03/Whats-New-Infographic-March-2023-508c.pdf (Mar. 2023).

[253] *Id.*

[254] *See* 5 U.S.C. § 601(4).

[255] The IRS benchmark is similar to the population of less than 50,000 benchmark in 5 U.S.C § 601(5) that is used to define a small governmental jurisdiction. Therefore, the IRS benchmark has been used to estimate the number small organizations in this small entity description. S*ee* Annual Electronic Filing Requirement for Small Exempt Organizations – Form 990-N (e-Postcard), "Who must file," https://www.irs.gov/charities-non-profits/annual-electronic-filing-requirement-for-small-exempt-organizations-form-990-n-e-postcard. We note that the IRS data does not provide information on whether a small exempt organization is independently owned and operated or dominant in its field.

[256] *See* Exempt Organizations Business Master File Extract (EO BMF), "CSV Files by Region," https://www.irs.gov/charities-non-profits/exempt-organizations-business-master-file-extract-eo-bmf. The IRS Exempt Organization Business Master File (EO BMF) Extract provides information on all registered tax-exempt/non-profit organizations. The data utilized for purposes of this description was extracted from the IRS EO BMF data for businesses for the tax year 2020 with revenue less than or equal to $50,000 for Region 1-Northeast

(continued….)

8. Finally, the small entity described as a "small governmental jurisdiction" is defined generally as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand."[257] U.S. Census Bureau data from the 2017 Census of Governments[258] indicate there were 90,075 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States.[259] Of this number, there were 36,931 general purpose governments (county,[260] municipal, and town or township[261]) with populations of less than 50,000 and 12,040 special purpose governments—independent school districts[262] with enrollment populations of less than fifty thousand.[263] U.S. Census Bureau data from the 2017 Census of Governments[264] indicate there were 90,075 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States.[265] Of this number,

Area (58,577), Region 2-Mid-Atlantic and Great Lakes Areas (175,272), and Region 3-Gulf Coast and Pacific Coast Areas (213,840) that includes the continental U.S., Alaska, and Hawaii. This data does not include information for Puerto Rico.

[257] *See* 5 U.S.C. § 601(5).

[258] *See* 13 U.S.C. § 161. The Census of Governments survey is conducted every five (5) years compiling data for years ending with "2" and "7". *See also* Census of Governments, https://www.census.gov/programs-surveys/cog/about.html.

[259] *See* U.S. Census Bureau, 2017 Census of Governments – Organization Table 2. Local Governments by Type and State: 2017 [CG1700ORG02], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. Local governmental jurisdictions are made up of general purpose governments (county, municipal and town or township) and special purpose governments (special districts and independent school districts). *See also* tbl.2. CG1700ORG02 Table Notes_Local Governments by Type and State_2017.

[260] *See id.* at tbl.5. County Governments by Population-Size Group and State: 2017 [CG1700ORG05], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 2,105 county governments with populations less than 50,000. This category does not include subcounty (municipal and township) governments.

[261] *See id.* at tbl.6. Subcounty General-Purpose Governments by Population-Size Group and State: 2017 [CG1700ORG06], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 18,729 municipal and 16,097 town and township governments with populations less than 50,000.

[262] *See id.* at tbl.10. Elementary and Secondary School Systems by Enrollment-Size Group and State: 2017 [CG1700ORG10], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 12,040 independent school districts with enrollment populations less than 50,000. *See also* tbl.4. Special-Purpose Local Governments by State Census Years 1942 to 2017 [CG1700ORG04], CG1700ORG04 Table Notes_Special Purpose Local Governments by State_Census Years 1942 to 2017.

[263] While the special purpose governments category also includes local special district governments, the 2017 Census of Governments data does not provide data aggregated based on population size for the special purpose governments category. Therefore, only data from independent school districts is included in the special purpose governments category.

[264] *See* 13 U.S.C. § 161. The Census of Governments survey is conducted every five (5) years compiling data for years ending with "2" and "7". *See also* Census of Governments, https://www.census.gov/programs-surveys/cog/about.html.

[265] *See* U.S. Census Bureau, 2017 Census of Governments – Organization Table 2. Local Governments by Type and State: 2017 [CG1700ORG02], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. Local governmental jurisdictions are made up of general purpose governments (county, municipal and town or township) and special purpose governments (special districts and independent school districts). *See also* tbl.2. CG1700ORG02 Table Notes_Local Governments by Type and State_2017.

there were 36,931 general purpose governments (county,[266] municipal, and town or township[267]) with populations of less than 50,000 and 12,040 special purpose governments—independent school districts[268] with enrollment populations of less than 50,000.[269] Accordingly, based on the 2017 U.S. Census of Governments data, we estimate that at least 48,971 entities fall into the category of "small governmental jurisdictions."[270]

9. *Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing*. This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment.[271] Examples of products made by these establishments are: transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.[272] The SBA small business size standard for this industry classifies businesses having 1,250 employees or less as small.[273] U.S. Census Bureau data for 2017 show that there were 656 firms in this industry that operated for the entire year.[274] Of this number, 624 firms had fewer than 250 employees.[275] Thus, under the SBA size standard, the majority of firms in this industry can be considered small.

[266] *See id.* at tbl.5. County Governments by Population-Size Group and State: 2017 [CG1700ORG05], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 2,105 county governments with populations less than 50,000. This category does not include subcounty (municipal and township) governments.

[267] *See id.* at tbl.6. Subcounty General-Purpose Governments by Population-Size Group and State: 2017 [CG1700ORG06], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 18,729 municipal and 16,097 town and township governments with populations less than 50,000.

[268] *See id.* at tbl.10. Elementary and Secondary School Systems by Enrollment-Size Group and State: 2017 [CG1700ORG10], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 12,040 independent school districts with enrollment populations less than 50,000. *See also* tbl.4. Special-Purpose Local Governments by State Census Years 1942 to 2017 [CG1700ORG04], CG1700ORG04 Table Notes_Special Purpose Local Governments by State_Census Years 1942 to 2017.

[269] While the special purpose governments category also includes local special district governments, the 2017 Census of Governments data does not provide data aggregated based on population size for the special purpose governments category. Therefore, only data from independent school districts is included in the special purpose governments category.

[270] This total is derived from the sum of the number of general purpose governments (county, municipal and town or township) with populations of less than 50,000 (36,931) and the number of special purpose governments - independent school districts with enrollment populations of less than 50,000 (12,040), from the 2017 Census of Governments - Organizations tbls. 5, 6 & 10.

[271] *See* U.S. Census Bureau, *2017 NAICS Definition, "334220 Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing,*" https://www.census.gov/naics/?input=334220&year=2017&details=334220.

[272] *Id*.

[273] *See* 13 CFR § 121.201, NAICS Code 334220.

[274] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 334220, https://data.census.gov/cedsci/table?y=2017&n=334220&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[275] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

10. *Television Broadcasting.* This industry is comprised of "establishments primarily engaged in broadcasting images together with sound."[276] These establishments operate television broadcast studios and facilities for the programming and transmission of programs to the public.[277] These establishments also produce or transmit visual programming to affiliated broadcast television stations, which in turn broadcast the programs to the public on a predetermined schedule. Programming may originate in their own studio, from an affiliated network, or from external sources. The SBA small business size standard for this industry classifies businesses having $41.5 million or less in annual receipts as small.[278] 2017 U.S. Census Bureau data indicate that 744 firms in this industry operated for the entire year.[279] Of that number, 657 firms had revenue of less than $25,000,000.[280] Based on this data we estimate that the majority of television broadcasters are small entities under the SBA small business size standard.

11. As of September 30, 2023, there were 1,377 licensed commercial television stations.[281] Of this total, 1,258 stations (or 91.4%) had revenues of $41.5 million or less in 2022, according to Commission staff review of the BIA Kelsey Inc. Media Access Pro Television Database (BIA) on October 4, 2023, and therefore these licensees qualify as small entities under the SBA definition. In addition, the Commission estimates as of September 30, 2023, there were 383 licensed noncommercial educational (NCE) television stations, 380 Class A TV stations, 1,889 LPTV stations and 3,127 TV translator stations.[282] The Commission, however, does not compile and otherwise does not have access to financial information for these television broadcast stations that would permit it to determine how many of these stations qualify as small entities under the SBA small business size standard. Nevertheless, given the SBA's large annual receipts threshold for this industry and the nature of these television station licensees, we presume that all of these entities qualify as small entities under the above SBA small business size standard.

E. Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements for Small Entities

12. Licensed wireless microphones generally operate under the part 74 rules for low power auxiliary stations. Under those rules, they can operate on unused spectrum in the TV bands, a portion of the 600 MHz duplex gap, certain frequencies in the 900 MHz band, the 1435-1525 MHz band, and portions of the 7 GHz band. Entities eligible for part 74 licenses include broadcast station licensees and networks, certain cable television operators, motion picture/TV producers, and professional sound companies and venue operators that routinely use 50 or more wireless microphones. Wireless microphones may also be operated on an unlicensed basis under part 15 of the rules in certain frequency bands, including the VHF-TV and UHF-TV bands where they generally share the same basic technology used by licensed wireless microphones but operate at lower power levels. The *Report and Order* makes

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[276] *See* U.S. Census Bureau, *2017 NAICS Definition, "515120 Television Broadcasting,"* https://www.census.gov/naics/?input=515120&year=2017&details=515120.

[277] *Id.*

[278] *See* 13 CFR § 121.201, NAICS Code 515120 (as of 10/1/22 NAICS Code 516120).

[279] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 515120, https://data.census.gov/cedsci/table?y=2017&n=515120&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[280] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[281] *Broadcast Station Totals as of September 30, 2023*, Public Notice, DA 23-921 (rel. Oct. 3, 2023) (*October 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-23-921A1.pdf.

[282] *Id.*

no changes to the requirements for a license to operate a wireless microphone under the part 74 rules or to which parties are eligible to obtain such a license, as a result, there are no new reporting, recordkeeping or other compliance requirements for small and other entities.

13. In addition, most RF transmitting equipment, including wireless microphones, must be authorized through the certification procedure. Certification is an equipment authorization issued by a designated Telecommunication Certification Body based on an application and test data submitted by the responsible party (e.g., the manufacturer or importer). The *Report and Order* does not change the authorization/certification procedure for wireless microphones; it simply makes changes to the part 74 and part 15 technical rules for wireless microphones. First, it permits WMAS as a new, additional type of wireless microphone that can operate under part 74 and part 15 in certain frequency bands with a wider bandwidth than the existing wireless microphone rules permit. Second, it updates the part 74 and part 15 rules to require narrowband wireless microphones to comply with the transmit emission mask and spurious emission limits in the latest European Telecommunications Standards Institute (ETSI) standard for wireless microphones (the 2021 version instead of the 2011 version).

14. We expect the actions we have taken in the *Report and Order* achieve the Commission's goals of both increasing wireless microphone spectral efficiency and enabling more intensive use in the spectrum available for those operations. As discussed above, there are no changes to licensing requirements or to certification procedures for small and other entities. As a result, at present, there are no new reporting, recordkeeping or compliance costs imposed by the adopted rules.

F. Steps Taken to Minimize the Significant Economic Impact on Small Entities, and Significant Alternatives Considered

15. The RFA requires an agency to provide, "a description of the steps the agency has taken to minimize the significant economic impact on small entities. . .including a statement of the factual, policy, and legal reasons for selecting the alternative adopted in the final rule and why each one of the other significant alternatives to the rule considered by the agency which affect the impact on small entities was rejected."[283]

16. The *Report and Order* permits WMAS as a new type of wider bandwidth wireless microphone in addition to the narrowband (non-WMAS) wireless microphones currently permitted under the part 74 and part 15 rules. Thus, there is no requirement for small and other manufacturers to build this new type of wireless microphone and they can continue to manufacture and market narrowband wireless microphones. In the *Report and Order* we also took the step of permitting unlicensed WMAS services to operate in the VHF-TV and UHF-TV bands. The Commission considered comments proposing the prohibition of unlicensed WMAS in those bands; however, we determined that by allowing for unlicensed WMAS, we would reduce barriers to entry for small unlicensed entities seeking to bring their innovations to market and further grow their businesses.

17. Additionally, while narrowband wireless microphones must now comply with the transmit emission mask and spurious emission limits in the 2021 ETSI wireless microphone standard, there are no significant differences in these requirements as compared to those in the 2011 ETSI standard currently referenced in the part 74 and part 15 rules. The Commission sought comment in the NPRM on whether there was a need for transition provisions if it required narrowband wireless microphones to comply with a revised ETSI standard; however, no parties contributing to the record indicated that there was a need for any.

G. Report to Congress

18. The Commission will send a copy of the *Report and Order*, including this FRFA, in a report to Congress pursuant to the Congressional Review Act.[284] In addition, the Commission will send a

[283] 5 U.S.C. § 604(a)(6).

[284] *See Id*. § 801(a)(1)(A).

copy of the *Report and Order*, including this FRFA, to the Chief Counsel for Advocacy of the SBA. A copy of the *Report and Order* and FRFA (or summaries thereof) will also be published in the *Federal Register*.[285]

[285] *See Id*. § 604(b).

STATEMENT OF
CHAIRWOMAN JESSICA ROSENWORCEL

Re: *Amendment of Parts 15 and 74 of the Rules for Wireless Microphones in the TV Bands, 600 MHz Guard Band, 600 MHz duplex Gap, and the 941.5-944 MHz, 944-952 MHz, 952.850-956.250 MHz, 956.45-959.85 MHz, 1435-1525 MHz, 6875-6900 MHz and 7100-7125 MHz Bands*, ET Docket No. 21-115, RM 11821, Report and Order (February 15, 2024)

Unless you are in video and audio production, the odds are you have not thought much about wireless microphones. But they are everywhere. Let's start with last weekend's Super Bowl. The commentary on- and off-field required wireless microphones, along with the halftime show. You'll find them in big Broadway productions and small-town theaters. They are everywhere on film sets. And they are commonly used in houses of worship, stadiums, and schools. These ubiquitous devices operate in a mix of licensed and unlicensed airwaves like the 600 MHz and 900 MHz bands, as well as the 1.4 GHz and 7 GHz bands. These airwaves are shared with a range of other wireless services, including broadcasting, aeronautical activities, Wi-Fi and other unlicensed technologies.

Making sure all of these services can function at the same time without interference is a tall task. So when a new technology comes along with the potential to improve the efficiency of wireless microphone operations, it deserves attention. That is why a few years ago, we issued a rulemaking to explore a new wireless technology known as Wireless Multi-Channel Audio Systems, or WMAS. And it is why today we adopt new rules to fully support these systems. We do this because they significantly improve the efficiency of wireless microphone operations. In fact, under the rules we adopt here, three times as many microphones can operate while putting the same amount of power over the air as a single wireless microphone has under our past rules. That is a spectrum win-win. Because it means we can do more with our airwaves for all kinds of technologies, benefiting everything from special Super Bowl-sized spectacles to the Wi-Fi routers we use in our homes every day.

Thank you to the team behind this effort, including Ron Repasi, Ira Keltz, Dana Shaffer, Jamison Prime, Krista Witanowski, Michael Ha, Nicholas Oros, Bahman Badipour, Hugh VanTuyl, Syed Hasan, Siobahn Philemon, and David Duarte from the Office of Engineering and Technology; Kevin Harding, Mark Colombo, and James Bradshaw from the Media Bureau; Chris Andes, Stephen Buenzow, Joyce Jones, Paul Malmud, and Joshua Smith from the Wireless Telecommunications Bureau; Anjali Singh, Doug Klein, and Keith McCrickard from the Office of General Counsel; Aleks Yankelevich and Paul LaFontaine from the Office of Economics and Analytics; Ryan McDonald, Matthew Gibson, Shannon Lipp, Michael Rhodes, Paul Noone, Daniela Arregui, and Neal McNeil from the Enforcement Bureau; Joy Ragsdale and Michael Gussow from the Office of Communications Business Opportunities; and Marlene Dortch and Katura Jackson from the Office of the Secretary.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Amendment of Part 11 of the Commission's Rules	)	PS Docket No. 15-94
Regarding the Emergency Alert System	)	

NOTICE OF PROPOSED RULEMAKING

Adopted: February 15, 2024 **Released: February 16, 2024**

Comment Date: 30 days after publication in the Federal Register
Reply Comment Date: 60 days after publication in the Federal Register

By the Commission: Chairwoman Rosenworcel and Commissioners Starks and Gomez issuing separate statements.

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I. INTRODUCTION

1. In this Notice of Proposed Rulemaking, we seek comment on measures to promote the accessibility of the Emergency Alert System (EAS) for people who speak a primary language other than English. The EAS is used to distribute tens of thousands of warnings to the public every year, providing critical notice of emergencies ranging from severe weather events, such as tornados and hurricanes, to natural disasters, such as tsunamis and wildfires, to civil emergencies, such as AMBER alerts and law enforcement warnings. These warnings – the vast majority of which are issued only in the English language – can and do prevent property damages, injuries, and loss of life. Ensuring that alerts issued over the EAS are accessible to as many people as possible has long been a Commission priority, including those whose primary language is not English. According to U.S. Census data over 26 million people in the United States report that they do not speak English very well or at all.[1] While alert

[1] U.S. Census Bureau, American Community Survey: Selected Social Characteristics in the United States, Table DP02, "Language Spoken at Home: Speak English less than 'very well'" (2022: ACS 1-Year Estimates Data Profiles), https://data.census.gov/cedsci/table?q=DP02 (last visited Dec. 12, 2023). These data sources show that over 69 million people in the United States primarily speak languages other than English at home, including over 42 (continued….)

originators currently have the ability to issue EAS alert audio and visual messages in any language (or combination of languages), very few EAS messages are sent in languages other than English.

2. This Notice of Proposed Rulemaking seeks to remove technical and logistical barriers associated with EAS alert translation by proposing and seeking comment on a simplified multilingual alert processing approach for EAS alerts through which pre-scripted (or "template") alerts that have been pre-translated into non-English languages can be initiated by alert originators for distribution to the public by the TV and radio broadcasters, cable service providers, and other services that make up the EAS public alert distribution system. By largely eliminating translation difficulties currently associated with issuing multilingual EAS alerts, this model potentially should make issuing multilingual EAS alerts simpler and more accessible for alert originators, which should lead to increased multilingual alert issuance. Such outcome would enable access to EAS alerts by people who do not speak English as a primary language, the vast majority of whom would be accessing an EAS alert for the first time.

II. BACKGROUND

A. EAS Architecture

3. The EAS is a national public warning system through which TV and radio broadcasters, cable systems, and other service providers ("EAS Participants")[2] deliver alerts to the public to warn them of impending emergencies and dangers to life and property.[3] The primary purpose of the EAS is to furnish the President with "the capability to provide immediate communications and information to the general public at the National, State and Local Area levels during periods of national emergency."[4] The common usage of the EAS, however, is to distribute alerts issued by state and local governments, as well

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million whose primary language is Spanish and 27 million who primarily speak other languages. Of those groups, nearly 17 million Spanish speakers and over 9 million speakers of other languages report that they do not speak English very well or at all.

[2] The Commission's rules currently define EAS Participants as analog radio broadcast stations, including AM, FM, and Low-power FM stations; digital audio broadcasting stations, including digital AM, FM, and Low-power FM stations; Class A television and Low-power TV stations; digital television broadcast stations, including digital Class A and digital Low-power TV stations; analog cable systems; digital cable systems; wireline video systems; wireless cable systems; direct broadcast satellite service providers; and digital audio radio service providers. *See* 47 CFR § 11.11(a).

[3] *See Review of the Emergency Alert System; Independent Spanish Broadcasters Association, The Office of Communication of the United Church of Christ, Inc., and the Minority Media and Telecommunications Council, Petition for Immediate Relief*, ET Docket No. 04-296, Fifth Report and Order, 27 FCC Rcd 642, 646, para. 6 (2012) (*Fifth Report and Order*). A more detailed history of the EAS is summarized in the first Notice of Proposed Rulemaking in this docket. *See Review of the Emergency Alert System*, Notice of Proposed Rulemaking, 19 FCC Rcd 15775, 15776-77, paras. 6-8. In addition, an overview of the present organization and functioning of the EAS system is included in the *Second Report and Order*. *See Review of the Emergency Alert System; Independent Spanish Broadcasters Association, The Office of Communication of the United Church of Christ, Inc., and the Minority Media and Telecommunications Council, Petition for Immediate Relief*, Second Report and Order and Further Notice of Proposed Rulemaking, 22 FCC Rcd 13275, 13280-83, paras. 11-14 (2007) (*Second Report and Order*).

[4] 47 CFR § 11.1. Under the part 11 rules, national activation of the EAS for a presidential alert message, initiated by the transmission of an Emergency Action Notification (EAN) event code, is designed to provide the President the capability to transmit an alert message (in particular, an audio alert message) to the American public within ten minutes from any location at any time and must take priority over any other alert message and preempt other alert messages in progress. *See*, *e.g.*, *Review of the Emergency Alert System*, First Report and Order and Further Notice of Proposed Rulemaking, 20 FCC Rcd 18625, 18628, para. 8 (2005) (*First Report and Order and Further Notice of Proposed Rulemaking*). *See also*, *e.g.*, 47 CFR §§ 11.33(a)(11), 11.51(m), (n).

as by the National Weather Service (NWS) to the public.[5] While EAS Participants are required to broadcast presidential alerts (and certain test alerts designed to ensure the EAS is functioning properly), they participate in broadcasting state and local EAS alerts voluntarily.[6] The Commission, the Federal Emergency Management Agency (FEMA), and the NWS implement the EAS at the federal level.[7]

4. The EAS distributes messages in one of two ways. The first method is through a broadcast-based, hierarchical alert message distribution system in which an alert message originator (such as State Governor's offices, state and county emergency management authorities, Public Safety Answering Points, state and county fire departments, National Weather Service, etc.) at the local, state or national level encodes (or arranges to have encoded) a message in the EAS Protocol.[8] The alert is then broadcast from one or more EAS Participants, and subsequently relayed from one station to another until all affected EAS Participants have received the alert and delivered it to the public.[9] This process of EAS

[5] *See*, *e.g.*, *Review of the Emergency Alert System; Independent Spanish Broadcasters Association, The Office of Communication of the United Church of Christ, Inc., and the Minority Media and Telecommunications Council, Petition for Immediate Relief*, Third Further Notice of Proposed Rulemaking, 26 FCC Rcd 8149, 8152-53, para. 3 (2011) (*Third Further Notice of Proposed Rulemaking*).

[6] *See* 47 CFR § 11.55(a). *See also First Report and Order and Further Notice of Proposed Rule Making*, 20 FCC Rcd at 18628, para. 8. The Commission has noted previously that its authority to require participation in the EAS primarily emanates from Sections 1, 4(i) and (n), 303(r), and 706 of the Communications Act. *See*, *e.g.*, *Fifth Report and Order*, 27 FCC Rcd at 643-4, para. 2; Review of the Emergency Alert System, Notice of Proposed Rulemaking, 19 FCC Rcd 15775, 15778-79, paras. 10-11 (2004). In addition, various other statutory provisions grant authority to regulate participation in EAS, including section 624(g) of the Act and others. We believe that sections 1, 4, 303, 335, 624, 706, and 713 of the Act, 47 U.S.C. §§ 151, 154, 303, 335, 544, 606, 613, provide ample authority for the proposals in this Notice of Proposed Rulemaking.

[7] The respective roles of the Commission, FEMA, and NWS are defined in a series of Executive documents. *See* 1981 State and Local Emergency Broadcasting System (EBS) Memorandum of Understanding Among the Federal Emergency Management Agency (FEMA), Federal Communications Commission (FCC), the National Oceanic and Atmospheric Administration (NOAA), and the National Industry Advisory Committee (NIAC) reprinted as Appendix K to Partnership for Public Warning Report 2004-1, The Emergency Alert System (EAS): An Assessment; Memorandum, Presidential Communications with the General Public During Periods of National Emergency, The White House (Sept. 15, 1995) (1995 Presidential Statement); and Public Alert and Warning System, Exec. Order No. 13407, 71 Fed. Reg. 36975 (June 26, 2006).

[8] The EAS protocol provides very basic information about the emergency involved. *See* 47 CFR § 11.31. Under this protocol, an EAS alert uses a four-part message: (1) preamble and EAS header codes (which contain information regarding the identity of the sender, the type of emergency, its location, and the valid time period of the alert); (2) audio attention signal; (3) audio message, if included by the alert originator; and (4) preamble and "end of message" (EOM) codes. *See id*. § 11.31(a). Although the EAS protocol specifies that the message can be audio, video, or text, only baseband audio and limited data modulated into baseband audio can be sent. The preamble, header codes and EOM codes are modulated into baseband audible tones using the audio frequency-shift keying (AFSK) modulation scheme and combined with the Attention Signal and audio message for transmission to the public; EAS decoders in EAS Participant facilities monitoring that transmission demodulate the header codes to determine with the alert is valid and programmed for rebroadcast. Specifically, the EAS decoder is activated by receiving the EAS protocol preamble codes plus header codes, which are repeated three times consecutively at the start of an EAS message transmission. The EAS decoder uses bit-by-bit comparison for error detection to ensure that at least two of the three match. Depending upon the nature of the alert message, this three-time transmission (or "burst") is followed by a two-tone Attention Signal (8 seconds in duration), which functions as an audio alert to listeners and viewers that an emergency message follows. The Attention Signal is followed by an audio message. At the end of this message, the preamble plus end of message code is transmitted three consecutive times to signal to the EAS decoder that the alert message is terminated and to return to regular programming. *See* 47 CFR § 11.31.

[9] In the legacy EAS, when an EAS Participant broadcasts an alert message, the message is received not only by that EAS Participant's local audience but also by downstream EAS Participants that monitor the transmission, following a matrix of monitoring assignments set forth in State EAS Plans. The applicable State EAS Plan assigns each EAS Participant alert sources from which it is required to monitor alert messages that they may transmit. The EAS

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alert distribution among EAS Participants is often referred as the "daisy chain" distribution architecture. Because this EAS architecture has been in place since the inception of the EAS, it is often referred to as the "legacy EAS." The second method of distribution is an IP-based process. Specifically, since June 30, 2012, authorized emergency alert authorities have been able to distribute EAS alerts over the Internet to EAS Participants (who in turn deliver the alert to the public) by formatting those alerts in the Common Alerting Protocol (CAP) and delivering those alerts through the FEMA-administered Integrated Public Alert and Warning System (IPAWS).[10] This process for distributing alerts to EAS Participants represents the "CAP-based" EAS. Both the legacy and CAP-based EAS architectures are designed so that EAS Participants deliver to the public the alert content they receive from the EAS sources they monitor. Further, the EAS architecture and equipment is designed to operate automatically, without any intervention from the EAS Participant, both to minimize the risk of operator error and to facilitate EAS operation at unattended stations.[11]

5. Although CAP and legacy EAS messages both convey alert information, the content, capacities, and distribution methodologies of each differ. Legacy EAS alerts are constructed in accordance with the EAS Protocol, and are baseband audio alerts that include pre-defined data codes (which define the alert and are modulated into audible tones) and an audio message that are transmitted in the audio carrier of the EAS Participant's transmission.[12] The visual message automatically generated from these codes conveys very basic information concerning the alert (the sender, the type of emergency, its location, and the valid time period of the alert).[13] By contrast, CAP essentially represents a digital envelope in which data is packaged according to predetermined fields and packetized for transmission over various IP-based mediums, such as the Internet.[14] CAP alerts can relay a variety of information, such as audio, video and data files, URL links to streaming audio and/or video, and enhanced text to generate visual crawls that are more informative than the basic alert parameters contained in the EAS header codes. Any data contained in a CAP-formatted message beyond the EAS header codes and audio message, such as enhanced text or video files, however, can be utilized locally by the EAS Participant that receives it, but cannot be converted into the EAS protocol and thus cannot be distributed via the "daisy chain" process.[15] For example, CAP allows for inclusion of enhanced text, which EAS Participants

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Participant uses specialized EAS equipment to decode the header codes in each alert message it receives and, if the alert is in a category and geographic location relevant to that entity, it will rebroadcast the alert. That rebroadcast, in turn, is received not only by that entity's audience by also by additional downstream EAS Participants that monitor it. This process of checking and rebroadcasting the alert will be repeated until all affected EAS Participants in the relevant geographic area have received the alert and delivered it to the public. At the national level, EAS message distribution starts at Primary Entry Point (PEP) stations, which are a group of geographically diverse, high power radio stations designated and tasked by FEMA to transmit "Presidential Level" messages initiated by FEMA. *See Fifth Report and Order*, 27 FCC Rcd at 646-47, para. 7. At the state level, state governors and state and local emergency operations managers activate the EAS by utilizing state-designated EAS entry points – specifically, State Primary stations and "State Relay" stations. *See* 47 CFR § 11.21. These monitoring pathways are set forth in State EAS Plans administered by State Emergency Communications Committees. *See* 47 CFR § 11.21.

[10] *See* 47 CFR § 11.56; *see also Fifth Report and Order*, 27 FCC Rcd at 644-45, para. 4.

[11] *See Amendment of Part 73, Subpart G, of the Commission's Rules Regarding the Emergency Broadcast System*, Report and Order and Further Notice of Proposed Rulemaking, 10 FCC Rcd 1786, 1822-23, paras. 103-104 (1994) (subsequent history omitted) (*1994 Report and Order*).

[12] *See supra* note 9.

[13] *See supra* note 9.

[14] CAP is an open, interoperable standard developed by the Organization for the Advancement of Structured Information Standards (OASIS), and incorporates a language developed and widely used for web documents. *See* 47 CFR § 11.56; *see also Fifth Report and Order*, 27 FCC Rcd at 648-49, paras. 10-11.

[15] EAS Participants are required to convert CAP-formatted EAS messages into messages that comply with the EAS protocol requirements, following the procedures for such conversion set forth in the EAS-CAP Industry Group
(continued….)

providing video services are required to use to generate the visual crawl for the alert that their audiences see, but that text is not included in the legacy (audio) version of the alert that they retransmit.[16]

B. Multilingual Alerting in EAS

6. By design, the EAS has always enabled alert originators to issue alerts in multiple languages. For legacy-based EAS alerts, EAS Participants basically pass through the audio message as received, irrespective of the language in which the alert originator chose to create it. However, the EAS rules also have always allowed EAS Participants that provide non-English language programming to transmit state and local "EAS announcements in the primary language of the EAS Participant."[17] In the former case, the alert originator handles translation and issues the translated audio to the EAS Participants, who in turn, transmit it to their audiences. In the latter case, the non-English language EAS Participant does not automatically pass through alerts, but rather, manually translates the audio of the received alert into the EAS Participant's language (and translated the visual message, if the EAS Participant elects to translate both), and then retransmits the alert substituting its translated audio for the received audio. In each case, time constraints apply, both due to the practical need to alert the public ahead of the impending emergency, and the 15-minute window in which EAS Participants must relay state and local EAS alerts.[18]

7. The implementation of CAP alerting in 2012 provided alert originators with new capabilities for issuing multilingual alerts. CAP provides alert originators with the capability to provide both enhanced text concerning an emergency condition (such as where to seek shelter) and multiple translations of such text. The ECIG Implementation Guide, developed by the EAS-CAP Industry Group, or ECIG a coalition of Emergency Alert System equipment, software and service providers — sets forth the procedures that EAS Participants must follow for processing and converting CAP-formatted EAS alerts into EAS protocol-compliant alerts for transmission over the legacy EAS.[19] Among other things, the ECIG Implementation Guide provides procedures for alert originators to distribute multilingual alerts (i) including translated audio files or URL links to streaming translated audio in the CAP alert, or (ii) by selecting translation of the enhanced text provided in the alert into non-English language audio using Text-to-Speech (TTS) software, if the applicable non-English language TTS is configured in the EAS Participant's EAS device and the EAS Participant agrees to translate the alert.[20] Visual crawls also may include enhanced text data in English and translated languages, if such data is included in the CAP

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(ECIG) document entitled "ECIG Recommendations For a CAP EAS Implementation Guide" (ECIG Implementation Guide). *See* 47 CFR § 11.56 (referencing Organization for the Advancement of Structured Information Standards (OASIS) Common Alerting Protocol Version 1.2 (July 1, 2010), and the ECIG Implementation Guide (this document is available on ECIG's web site at: http://eas-cap.org/documents.htm) (last visited Nov. 17, 2023). The ECIG Implementation Guide sets forth guidelines for CAP-enabled EAS equipment to process multilingual text and audio contained in CAP alerts.

[16] *See*, *e.g.*, 47 CFR § 11.51(d), (g)(3), (h)(3), (j)(2). The AFSK modulation scheme used with the legacy EAS converts data into audible tones at a rate of 520.83 bits per second (equating to 65.1 characters per second). *See* 47 CFR § 11.31(a). Including more data than the EAS header codes that define the alert becomes incrementally impractical due to the increased chances for dropped bits (that would prevent validation of the data), and the length of the audible tones into which they are converted (which are repeated three times in legacy transmissions to validate the alert).

[17] *See*, *e.g.*, 47 CFR §§ 11.55(c)(3) and (d)(2). In the case of CAP-formatted messages, visual crawls also may include enhanced text data in translated languages, if such data is included in the CAP message.

[18] *See*, 47 CFR § 11.51(n).

[19] *See* 47 CFR § 11.56.

[20] *See* ECIG Implementation Guide, § 3.7. The EAS device is the equipment that decodes and encodes alerts in conformance with the EAS rules.

message by the alert originator.[21]

8. For its part, beyond facilitating the capabilities described above, the Commission has sought comment on how to better enable multilingual alerting in EAS throughout its development,[22] tasked bodies with examining multilingual alerting,[23] issued occasional guidance on multilingual alerting,[24] and has conducted a multilingual alerting workshop to develop ideas and share information on multilingual strategies.[25] In 2016, the Commission addressed a petition seeking to enable certain multilingual capabilities via EAS that could have required EAS Participants to manually translate emergency information, among other things.[26] The Commission denied the petition's specific requests, agreeing with the majority of commenters in the record that "alert originators are best positioned to effect multilingual alerting, since station operators simply pass down the EAS message as received within the allotted two minute timeframe and, by and large, do not have the necessary capabilities and/or time to translate or originate that alert in another language."[27] The Commission did, however, adopt reporting rules applied to EAS Participants and State Emergency Communications Committees (SECCs)[28] designed to inform and update the Commission on state and local EAS alerting activities.[29] Specifically, the

[21] *See* 47 CFR § 11.51(d), (g)(3), (h)(3), (j)(2). As explained in the ECIG Implementation Guide, the visual crawl associated with any EAS alert is limited to 1,800 characters in total. *See* ECIG Implementation Guide, § 3.6.4.4.

[22] *See,* e.g., *Review of the Emergency Alert System,* EB Docket No. 04-296, Notice of Proposed Rulemaking, Docket No. 04-296, 19 FCC Rcd 15775 (2004); *Review of the Emergency Alert System,* EB Docket No. 04-296, First Report and Order and Further Notice of Proposed Rulemaking, FCC 05-191 (2005); *Review of the Emergency Alert System; Independent Spanish Broadcasters Association, the Office of Communication of the United Church of Christ, Inc., and the Minority Media and Telecommunications Council, Petition for Immediate Relief*, EB Docket No. 04-296, Second Report and Order and Further Notice of Proposed Rulemaking, FCC 07-109 (2007); *Public Safety and Homeland Security Bureau Seeks Informal Comment Regarding Revisions to the FCC's Part 11 Rules Governing the Emergency Alert System Pending Adoption of the Common Alerting Protocol by the Federal Emergency Management Agency*, Public Notice, 25 FCC Rcd 2845 (PSHSB 2010).

[23] *See*, *e.g.*, FCC, Communications Security, Reliability, and Interoperability (CSRIC) III, *Working Group 5A CAP Introduction Final Report*, (Sept. 2010), https://www.fcc.gov/pshs/docs/csric/CSRIC%205A%20Working%20Group.pdf (finding that widespread adoption of CAP would not only advance the EAS, but would ensure all Americans, including those with disabilities or non-English speaking individuals would have access to emergency information). *See also* FCC, CSRIC V, *Working Group 3 Emergency Alert System Final Report—Multilingual Alerting Recommendations* (Sept. 2016), https://transition.fcc.gov/bureaus/pshs/advisory/csric5/WG3_MultiAlert_091416.docx; FCC, Intergovernmental Advisory Committee (IAC), *Advisory Recommendation No: 2019-5 In the Matter of Multilingual Emergency Alerting*, (Nov. 7, 2019), https://docs.fcc.gov/public/attachments/DOC-360696A3.pdf (recommending best practices for (i) incorporating multilingual alerts into states' emergency communications and response plans, and (ii) events that trigger alerts (and implicate the nexus between alerting procedures and state/local emergency response procedures required under the National Incident Management System (NIMS)).

[24] *See*, *e.g.*, Public Safety and Homeland Security Bureau, *Multilingual Alerting for the Emergency Alert System and Wireless Emergency Alerts*, https://www.fcc.gov/MultilingualAlerting_EAS-WEA.

[25] *See* Public Safety and Homeland Security Bureau, *Multilingual Alerting Workshop* (June 28, 2019), https://www.fcc.gov/news-events/events/2019/06/multilingual-alerting-workshop.

[26] *Review of the Emergency Alert System; Independent Spanish Broadcasters Association, the Office of Communication of the United Church of Christ, Inc., and the Minority Media and Telecommunications Council, Petition for Immediate Relief Randy Gehman Petition for Rulemaking*, 31 FCC Rcd 2414, Order (2016) (*2016 Multilingual EAS Order*).

[27] *2016 Multilingual EAS Order*, 31 FCC Rcd 2425, para. 20.

[28] SECCs administer the State EAS Plans that govern EAS distribution within each state and territory. *See* 47 CFR § 11.21.

[29] *2016 Multilingual EAS Order*, 31 FCC Rcd 2426, para. 22 (*codified at* 47 CFR § 11.21(d)-(f)).

Commission required EAS Participants to summarize their multilingual EAS alerting activities to their respective SECCs, and required each SECC, in turn, to summarize the EAS Participant reports they received in a report to the Commission that summarized the overall multilingual EAS efforts by EAS Participants in the state.[30] The Commission required EAS Participants to notify their SECCs and the Bureau of any material changes to the information they initially reported.[31]

9. On balance, the multilingual reports submitted to the Commission in 2018 indicate sparse or isolated, localized efforts to relay multilingual alerts in a few states. In this regard, we note that Minnesota uses the Public Broadcasting Service (PBS) to provide emergency alerting in four languages.[32] Harris County, Texas, has three major Spanish language stations, each with a Translation Room where alerts are translated in real-time by certified translators.[33] The Translation Rooms also include American Sign Language (ASL) interpreters.[34] In North Carolina, UNC-TV is part of the PBS system and during emergency events, they receive live broadcasts from the Governor and other state public safety officials.[35] These messages are carried on a web stream with captions in English and Spanish, which are made available to the other stations in North Carolina for broadcast. The Florida State Emergency Management Office has the ability to issue EAS alerts in English, Spanish and Creole. The National Weather Service issues some weather alerts in Spanish in selected regions.

10. Data associated with the 2023 Nationwide EAS Test,[36] which is still under review, suggests that there are a range of non-English languages that are spoken on a primary basis in EAS Participant service areas across the country. Nationwide tests of the EAS are periodically conducted by FEMA in coordination with the Commission to ensure that distribution of the presidential alert, functioning of the EAS, and understanding of their roles in the EAS by EAS Participants is consistent with State EAS Plans and the Commission's EAS rules.[37] EAS Participants are required to report certain data to the Commission both annually and following such tests,[38] and the Commission uses such reported test results to evaluate alert distribution, EAS functionality, and EAS Participant performance.[39] Among other things, EAS Participants can optionally report the primary languages in their service areas.[40]

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[30] *See* 47 CFR § 11.21(d), (e).

[31] *See* 47 CFR § 11.21(f).

[32] *See* FCC, IAC, *Advisory Recommendation No: 2019-5 In the Matter of Multilingual Emergency Alerting*, (Nov. 7, 2019), https://docs.fcc.gov/public/attachments/DOC-360696A3.pdf at 9 and 12.

[33] *Id*. at 12 and 18.

[34] *Id*. at 12, 14-15, and 20.

[35] *Id*. at 13.

[36] *See Public Safety and Homeland Security Bureau Announces Nationwide Tests of the Emergency Alert System (EAS) and Wireless Emergency Alerts (WEA) on October 4, 2023,* PS Docket Nos. 15-91, 15-94, Public Notice, DA 23-653 (PSHSB 2023); *Public Safety and Homeland Security Bureau Opens the EAS Test Reporting System for Filings*, PS Docket No. 15-94, Public Notice, PS Docket No. 15-94, Public Notice, DA 23-1 (PSHSB 2023).

[37] *See, e.g.*, Letter from Ward Hagood, Engineering Manager, Testing and Evaluation, IPAWS Program Office, National Continuity Programs, Department of Homeland Security – FEMA, to Marlene H. Dortch, Office of the Secretary, Federal Communications Commission (Aug. 2, 2023) (on file in PS Docket No. 15-91 *et al.*, describing goals of 2023 nationwide EAS and WEA tests) https://www.fcc.gov/ecfs/document/1080115722424/1. *See also* Public Safety and Homeland Security Bureau Updates Guidance for Filing State Emergency Alert System (EAS) Plans and Monitoring Assignment Amendments in the Alert Reporting System (ARS), PS Docket No. 15-94, Public Notice, DA 23-482 (PSHSB 2023).

[38] 47 CFR § 11.61(a)(3)(iv).

[39] *See, e.g.,* FCC, PSHSB, Report: August 11, 2021 Nationwide EAS Test (Dec. 2021), https://docs.fcc.gov/public/attachments/DOC-378861A1.pdf.

[40] *See* 47 CFR § 11.61(a)(3)(iv)(A).

Although the Bureau is still reviewing the 2023 Nationwide Test results, preliminary findings suggest that English and Spanish were the two languages most commonly reported to be spoken within EAS Participants' service areas,[41] while several other non-English languages were reported in smaller numbers.[42] Preliminary 2023 Nationwide Test results reveal that approximately 2% of EAS participants reported transmitting the alert in Spanish. An additional 0.1% of alerts were reportedly transmitted in other languages including Chinese.

C. 2023 WEA Accessibility Order

11. Recently, the Commission adopted rules requiring Participating CMS Providers to support multilingual WEA through the use of alert messages that have been pre-translated into the 13 most commonly spoken non-English languages in the United States (based on U.S. Census data) – Arabic, Chinese, French, German, Haitian Creole, Hindi, Italian, Korean, Portuguese, Russian, Spanish, Tagalog, and Vietnamese – as well as in English and ASL.[43] These pre-translated alerts, referred to as "templates," will be pre-installed and stored on the end user's mobile device.[44] Where an alerting authority chooses to send a multilingual alert message, the WEA-capable mobile device must be able to extract and display the relevant template in the subscriber's default language, if available.[45] If the default language for a WEA-capable mobile device is set to a language that is not among those supported by templates, the WEA-capable device must present the English-language version of the alert.[46] As described below, we explore whether we can leverage templates to support multilingual EAS as well.

III. DISCUSSION

12. In furtherance of the Commission's continued emphasis on improving the accessibility of alerts,[47] we seek comment on additional measures to promote multilingual EAS. As the Commission observed in 2016, when it required reporting of multilingual activities as updates to State EAS Plans, "[t]o the extent that the reports suggest that [those who do not have a proficiency in English] are not receiving critical emergency information, the Commission . . . can assess, if appropriate, what further steps should be taken."[48] In light of the minimal issuance of EAS messages in languages other than English, we believe it is now appropriate to take further steps to promote multilingual alerting.

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[41] Approximately 95% of EAS Participants reported English as the primary language in their service area, with roughly 4.4% reporting either both English and Spanish, or Spanish only as the primary languages in their service areas.

[42] 18 other languages were reported as primary languages in EAS Participant service areas, including Russian, Chinese, Korean, Samoan, Navajo, Portuguese, Polish, Vietnamese, Creole, French, Hebrew, Hindi, Arabic, Amharic, Somali, Yup'ik/Cup'ik and Inupiaq/Yup'ik.

[43] *See Wireless Emergency Alerts, Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System*, PS Docket Nos. 15-91 and 15-94, Third Report and Order, FCC 23-88 (Oct. 20, 2023) (*WEA Accessibility Order*).

[44] *See WEA Accessibility Order*, para. 19.

[45] *See* 47 CFR § 10.500(e).

[46] *WEA Accessibility Order*, paras. 21-25. The Commission directed the Public Safety and Homeland Security Bureau (Bureau) to develop the specific implementation parameters for template-based multilingual alerting, including the alert messages that would be supported via a template; whether the English version of the alert should be displayed in addition to the multilingual version of the alert, and whether templates can be customizable to incorporate event-specific information; and the costs and timeline of supporting additional languages beyond the 13 languages, as well as English and ASL, already adopted in template form. *See id.*, para. 21.

[47] *See supra* paras. 5-6.

[48] *2016 Multilingual EAS Order* at para. 27; see also para. 23.

13. Accordingly, as detailed below, we seek comment on the efficacy and feasibility of distributing multilingual EAS messages in the form of brief, pre-scripted (or "template") alerts in Arabic, Chinese, French, German, Haitian Creole, Hindi, Italian, Korean, Portuguese, Russian, Spanish, Tagalog, and Vietnamese, as well as in English. The template scripts (in all languages) would be stored in EAS devices, and the translated audio for each template would be provided as audio files or links to streaming audio. EAS Participants would be required to transmit template alerts using the template audio and script in the template language that correspond to the EAS Participants' primary language (i.e., the language of their programming content); where the EAS Participant offers multiple channels, it would transmit on such channels the template audio and script in the template language that corresponds to the language of such channels.

A. Feasibility of Multilingual Template Alerts in EAS

14. *Current CAP-Based Multilingual Approach.* As an initial matter, we observe that the ECIG Implementation Guide provides a process through which alert originators can specify distribution of their alerts in multiple languages, and EAS Participants can elect to distribute – or not distribute – the alert in those languages.[49] Under those procedures, the alert originator specifies in its CAP alert instructions the language in which it desires the alert to be transmitted to the public, and the EAS device then will process and transmit the alert in those languages if (i) the language is the EAS Participant's "primary" or "secondary" language that the EAS Participant has programmed its EAS device to process and transmit, and (ii) an audio file containing the translated audio or URL link to streaming translated audio is supplied by the alert originator, or TTS in that language has been configured in the EAS device.[50] If the device is programmed to relay the primary language and secondary languages, the alert can be relayed in multiple languages as a single alert, provided the combined audio does not exceed 2 minutes and the combined visual crawl characters do not exceed 1,800 characters (including the required header code information).[51] In those instances where the message cannot meet the 2-minute and/or 1,800 character limit, only the "primary" language is transmitted to the public as a self-contained alert – the "secondary" languages are transmitted after the original alert's End-of-Message codes (which terminates the alert) have run (i.e., after the alert is over, at which point, the additional languages are essentially being aired as regular programming (i.e., no EAS header codes; no Attention signal; and no EOM codes – just a visual crawl and audio)).[52] In either case, if translated audio for each language is not supplied or linked by the alert originator, TTS would be used, if TTS capable of verbalizing the language selected is configured in the EAS device.[53] These procedures allow alert originators to effectively request transmission of alerts in non-English languages, but leave the decision as to which, if any, non-English language in which the alert will be transmitted to the EAS Participant (which it effects through programing its EAS device).

15. *Multilingual template alert processing*. We propose to implement and require transmission of multilingual template EAS alerts in Arabic, Chinese, French, German, Haitian Creole, Hindi, Italian, Korean, Portuguese, Russian, Spanish, Tagalog, and Vietnamese, as well as in English. We propose that alert originators would initiate the template alert in legacy or CAP like any other EAS alert, using the applicable template event code. We propose that a new template-specific event code would be added to the EAS protocol for each template alert type (earthquake, wildfire, etc.).[54] The EAS

[49] ECIG Implementation Guide, § 3.7.

[50] ECIG Implementation Guide, § 3.7.

[51] ECIG Implementation Guide, § 3.7.

[52] ECIG Implementation Guide, § 3.7.

[53] ECIG Implementation Guide, § 3.7.

[54] For example, if a template alert for earthquakes was added, there would be two earthquake event codes in the EAS Protocol: the existing earthquake event code that would be processed under existing rules, and the template earthquake event code, which would be processed under the specific template processing model described herein.

device would use that event code to render that template (earthquake, wildfire, etc.) using the stored template text (for the visual crawl) and stored or linked audio in the languages that correspond to the language of the EAS Participant's programming content.

16. We propose to require EAS Participants to transmit alerts in the language of the program content they transmit in instances where the alert originator elects to issue an alert using a template event code and the EAS Participant's programming content[55] is in one of the 13 proposed non-English template languages; the EAS Participant would transmit the alert using the English language template script and stored or linked audio, if the EAS Participant's programming content is in English or in a non-English language that is not one of the proposed non-English template languages.[56] This requirement would apply to each channel of programming provided by the EAS Participant. Accordingly, EAS Participants that provide multiple channels of programming would be required to ensure that for template alerts received, they transmit that alert on each channel they offer using the template audio and script language that corresponds to the programming content delivered over such channel. For example, a cable service that offers channels with English and Spanish language programming, would transmit the template alert on the Spanish language channels using the Spanish language audio and script associated with that template event code, and would transmit the template alert on English language channels using the English language audio and script associated with that template event code.[57]

17. Because multilingual alerts are likely to apply only to discrete geographic areas, and satellite providers transmit over nationwide footprints, we propose that DBS and SDARS providers would not be subject to these requirements, except that if a template is developed for the nationwide National Periodic Test (NPT) alert, DBS and SDARS providers would be required to overlay the NPT template English language audio and scroll on all channels.

18. We seek comment on the foregoing construct generally, and more specifically with respect to the various alerting elements involved below. We observe that while EAS Participants would be required to transmit the template alert on a given channel using the template audio and script language that corresponds to the programming content of that channel, they may also include template audio and script in languages that do not correspond to the programming content. Thus, for example, a station that broadcasts Spanish-language programming would be required to transmit the template alert using the Spanish-language audio and script associated with that template event code, but could, if it elected to, also transmit the English audio and script for that template alert code (as discussed below, the Spanish and English audio and scripts could be combined into a single alert). In all events, the alert originator need not identify the specific languages in which they desire to have the template issued, because the template would be transmitted to the public by EAS Participants in the template language that matches their programming (and possibly other language, if the EAS Participant so elected).

19. Should EAS Participants be allowed to transmit template alerts on channels in languages that do not correspond to the programming content offered on that channel? Or, to reduce the potential programming interruption, should we require EAS Participants to transmit templates only in the language that corresponds to their programming content (e.g., the Spanish language template would be transmitted on channels carrying Spanish language programs)? Should English be the default language in cases

[55] For music-oriented radio stations, the station's primary language would be the language its announcements and spoken communications.

[56] We are not proposing to mandate carriage of state and local alerts, we are proposing only that if the EAS Participant relays state and local alerts, it must relay template alerts as proposed herein. EAS Participants must of course relay alerts categorized as national alerts, thus, if a template were developed for the NPT or RMT, EAS Participants would be required to process those using the multilingual template processing requirements.

[57] Cable systems that use force tuning presumably could present the template audio and script as combined, which in this example, would be English and Spanish language audio and text, but could include other languages, if the system provided channels offering non-English and non-Spanish language programming.

where the program content is in a non-English language that is not one of the proposed 13 non-English template languages? In cases where the EAS Participant's programming content is in one of the proposed 13 non-English template languages, should EAS Participants be required to transmit the template alert using both the non-English language and English audio and script for that template event code (i.e., as a combined alert), assuming the combined version meets the 2-minute and 1,800 character thresholds described above (or if the combined alert does not meet the 2-minute and 1,800 character thresholds, transmitting the non-English template audio and script as a single alert, and transmitting the English audio and script directly after the non-English version of the alert is completed)? NCTA suggests that Multichannel Video Programming Distributor (MVPD) architecture, as it presently exists, does not support the multilingual alerting approach outlined here.[58] We seek comment on the particular considerations and steps associated with implementing template-based multilingual alerting for EAS in MVPD systems.

20. We also seek comment on whether additional languages to the 13 non-English languages specified above could and should be supported through this construct. Are there technical impediments to multichannel video programming providers, including DBS and SDARS providers, overlaying differing audio and script messages on different channels? Could these providers instead combine template audio and scripts in different languages into a single alert with template audio and script in different languages (but not exceeding the 2-minute limit for audio messages or the 1,800 character limits for the scroll) that could be transmitted like any other alert? Seeing as the audio associated with a template alert received in legacy format would be discarded by the EAS device (which would use the stored or linked template audio appropriate to the EAS Participant's programming content), is the 2-minute limit on alert audio relevant to how each EAS Participant processes a template alert?[59] Would it be necessary to increase the existing 2-minute for template alerts to accommodate transmission of template alerts that combine multiple languages? Could the 1,800 character limit also be increased for such purpose?

21. Should alert originators be able to request transmitting the template alert in one or more of the proposed 13 non-English template languages and/or English similar to how this capability is facilitated in the ECIG Implementation Guide multilingual procedures? For example, alert originators could initiate the template alert in CAP like any other EAS alert, using the applicable template event code. In the CAP instructions, the alert originator could identify the template language(s) in which it would like the alert to be transmitted. The EAS device would use that event code to render that template (earthquake, wildfire, etc.) using the stored template text and stored or linked audio in the languages (i) requested by the alert originator that (ii) correspond to the "primary" and "secondary" languages it is programmed to process. Under this construct, EAS Participants would be required to program into their EAS device the language of their programming content as their "primary" language and then could elect to program other template languages in which they are willing to transmit the template alert as "secondary" languages – meaning they would only be required to transmit the template in their primary programming language, but could voluntarily include other template languages. EAS Participants that provide multiple channels of programming would need to be able to program their EAS devices so that channels carrying non-English language programming were assigned as "primary" languages the template language that matches their programming content. The CAP-based template alert would be converted into an EAS protocol-compliant alert for transmission to the public just like any other CAP EAS alert, using the appropriate template event code. Because the EAS Protocol lacks any mechanism to specify or request a template language (including English), the EAS device receiving a template alert in legacy

[58] *See* Letter from Radhika Bhat, NCTA – The Internet & Television Association (NCTA), to Marlene H. Dortch, Secretary, FCC, PS Docket No. 15-94, at 2 (filed Feb. 9, 2024).

[59] *See* 47 CFR § 11.33(a)(9). The 2-minute limit is the time period at which point the EAS device will automatically end the alert and switch back to regular programming.

format would broadcast the alert using the script and audio that corresponds to whichever language is programmed as its "primary" language.[60] We seek comment on this approach.

22. *Visual crawl*. With respect to the visual message generated for EAS alerts, we observe that the EAS already uses a pre-scripted visual message for National Periodic Test (NPT) alerts received in legacy EAS format, and this approach suggests that multilingual templates with pre-scripted visual messages are feasible.[61] For example, the NPT script states: "This is a nationwide test of the Emergency Alert System, issued by the Federal Emergency Management Agency, covering the United States from [time] until [time]. This is only a test. No action is required by the public."[62] The "from [time] until [time]" portion of the text is derived from the alert's release date/time and valid time period header codes.[63] It appears viable to use a similar approach with pre-scripted text messages in non-English languages that would correspond to template event codes. First, as discussed further below, because providing audio translations (in pre-recorded audio files or links to streaming audio) that include location and time parameters is impractical, and reliable TTS for all template languages may not be available, one approach for the visual scroll would be to make template scripts that are static and provide only general information (e.g., "A wildfire alert has been issued for your area. Please contact local authorities or check local news sources for more information."). In this case, the entirety of the script message could be scrolled (subject to any character generation limitations) and matching translated audio could be provided.

23. We seek comment on the feasibility and efficacy of this approach. Could generalized text lacking location and applicable time frames effectively warn the public of an impending emergency? Would transmitting such generalized alerts actually cause confusion to the public, particularly given the large geographic service areas associated with full-power broadcast stations?[64] Would including a URL address (e.g., www.moreinfo.com), if feasible, where template alert audiences could obtain additional and more specific information make the generalized script approach more effective and reduce any potential for confusion?[65] Alternatively, could the location and applicable time periods be conveyed in English? For example, could the visual messages for non-English language template alerts contain expressions of time using digit numbers (typically with A.M. or P.M. included) and locations in English, both of which the EAS device can provide?

24. We seek comment on which approach(s) could be feasibly and practically implemented in EAS devices. We observe, for example, that having variable information in the script could significantly impact the audio. As explained below, generating matching audio for fixed scripts involves only installing prerecorded audio files or links to streaming audio for each such script on the EAS device. Generating audio for scripts with variable information would effectively require use of TTS to capture

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[60] Thus, for example, if a template alert were received in legacy form with Spanish language, the EAS device receiving that alert would process that alert like any EAS alert: first it would check IPAWS for a CAP version of that alert per the CAP prioritization requirement; then, if no CAP version was available, it would broadcast that alert anew using (i) the template script and audio that correspond to the template event code in the received legacy-formatted alert (the audio of the received legacy-based template alert would be discarded), (ii) in the EAS device's "primary" language.

[61] *See* 47 CFR § 11.51(d)(3)(iii).

[62] *See* 47 CFR § 11.51(d)(3)(iii).

[63] *See* 47 CFR § 11.51(d)(3)(iii) (cross-referencing 47 CFR § 11.31(c)).

[64] The service areas and resolvable signal of full-power broadcast stations can span multiple states, thus, an alert that indicates that "a wildfire alert has been issued for your area" that was issued for a single county in Virginia might be received in upper New York State, with audiences throughout wondering whether the wildfire is a danger to their immediate areas.

[65] *See* Comments of Telecommunications for the Deaf and Hard of Hearing, Inc., *et al.* PS Docket No. 15-94, at 2-4 (filed Mar. 11, 2022) (recommending inclusion of hyperlink in EAS visual crawl for further information on an actual emergency to improve availability of details for individuals who are deaf and hard of hearing).

each variation, but it is unclear whether cost-effective non-English language TTS reliable and accurate enough for emergency warning purposes is available at this time.[66] The number of characters in a script also impact how it can be processed using the two-minute/1,800 character limits for audio and text. We seek comment on the interplay of these factors including the relative costs involved in implementing fixed scripts versus variable scripts. We also observe that visual scrolls in EAS Participant systems are typically generated by processing systems downstream from the EAS device. Are the character generators used in existing downstream processing systems of broadcasters and cable systems capable of generating the character and punctuation sets for all 13 of the proposed template languages? If not, what modifications to downstream processing systems would be required to reliably scroll all 13 languages, and what costs would be implicated in such modifications? Assuming that all template scripts were stored on the EAS device, would initiating and posting template alerts present any technical issues for IPAWS?

25. *American Sign Language (ASL)*. Approximately more than half a million people use ASL to communicate as their native language.[67] We seek comment on the feasibility of developing and implementing ASL files for template alerts.[68] Could video files of qualified ASL signers signing the template script for each template event type be developed and stored in the EAS device? Would ASL be processed like any other non-English language? How would the ASL be displayed? Would the potential variation in specific details of the alert (like applicable times, and location information), if included in the template version, present impediments to conveying the alert in ASL? If scripts were fixed, such that there would only be as many as there were template event types (earthquake, wildfire, etc.), how much memory capacity would be required (on average) to store, for example, 16 template ASL video files? Is sufficient spare memory capacity available in EAS device models in deployment today to accommodate such ASL file storage, or could these be stored in an external hard drive or thumb drive connected to the EAS device? In cases where the alerts are no longer static, are there ways to insert fillable video-based information using artificial intelligence driven technologies?[69] Would the ASL be identical for non-English language script (i.e., no variation based on the template language script and audio with which it is being transmitted)?

26. *Template Audio*. We propose that audio matching the template script would be prerecorded for each template, in all proposed 13 non-English languages as well as English; EAS Participants could download and store the prerecorded audio files for the language(s) of their programming content, and any other languages they wish to include in their template alerts, in their EAS device. What memory requirements would apply to storing prerecorded audio files for each template? For example, assuming the audio length did not exceed 30 seconds and there were 16 template audio files for each of the 13 proposed template languages, in addition to the English language version (for a total of 224 audio files), how much memory would be required to store such files? Is spare memory capacity sufficient to accommodate such storage available in EAS device models in deployment today, or could

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[66] *See infra* para. 27.

[67] *See* State of Rhode Island, Commission on the Deaf and Hard of Hearing, "American Sign Language," https://cdhh.ri.gov/information-referral/american-sign-language.php (last visited Dec. 13, 2023). ASL is the third most commonly used language in the United States after English and Spanish. *Id.*

[68] The Commission has some rules regarding the accessibility of EAS alerts to individuals with disabilities. The visual message must be displayed at the top of the screen or where it will not interfere with other visual messages, in a manner (e.g., font size, color, contrast, location, and speed) that is readily readable and understandable, in a manner that does not contain overlapping lines of EAS text or extend beyond the viewable display (except for video crawls that intentionally scroll on and off of the screen), and in full at least once during any EAS message. 47 CFR § 11.51(d)(1). The audio portion of an EAS message must play in full at least once during any EAS message. *Id.* § 11.51(d)(2).

[69] *See, e.g.,* Sign-Speak, Inc., "Real Time ASL Translation," https://www.sign-speak.com (last visited Dec. 13, 2023) (using AI to develop avatars that interpret ASL to English and English to ASL).

such files be stored on an external hard drive or thumb drive connected to the EAS device? Could a given template script be conveyed in a single audio version for each of the proposed 13 non-English languages? For example, there is no single "Chinese" language, but rather a multitude of dialects, such as Mandarin and Cantonese. What mechanism would be practical and efficient for the Commission to employ in identifying specific dialects in which to prerecord the audio messages? Which of the proposed 13 non-English languages might require development of dialect-specific audio? Prerecorded audio also could be made available via a URL link provided in a CAP-formatted alert. Because such a URL reference cannot be conveyed in a legacy-formatted alert, the relevant template alert audio would have to be stored on all EAS devices, or the URL addresses would need to be determined and relayed to EAS devices as software updates. We seek comment on the relative merits of using linked audio versus stored audio.

27. We propose to use static, pre-recorded audio messages for use in connection with template-based alerts. While TTS functionality developed for each template alert and language could be used in theory, and is one of the mechanisms for generating audio in the ECIG Implementation Guide's multilingual alerting procedures,[70] we have concerns regarding the reliability of TTS for the template languages we propose to use for pre-scripted translations. We seek comment on whether TTS is available or could be developed in the 13 non-English template languages that would be sufficiently reliable and accurate to use in generating the audio portion of a multilingual template alert from its fixed script. Would inclusion of specific identifying alert elements – such as time periods, affected area names, and originating source of the alert – have any appreciable impact on the feasibility and reliability of using TTS to generate template audio for any of the 13 template non-English languages and the English language version? Would integrating the presumably limited TTS functionality required to verbalize the template scripts require anything more than software changes to the installed base of EAS devices? Would using existing TTS solutions or TTS developed specifically to verbalize the information in the template scripts be less costly to implement in EAS devices than storing audio files in the EAS device or providing links to streaming audio (assuming a source(s) for the streaming audio is operated independently from EAS Participants)? Could the installed base of EAS device models in use today be updated for either approach? Is streaming template audio from an external source an efficient and more cost-effective alternative to storing audio files on the EAS device? Would transport latencies create significant delays in completing these streaming sessions?

28. *Simulcasting*. Simulcasting configurations typically involve a single program stream that is transmitted from one source with remote (repeater) stations rebroadcasting 100% of that program stream. In these configurations, the EAS alert is overlaid onto the program stream at the originating source facilities – the remote (repeater) stations do not have EAS devices at their locations. Because the geographic areas in which the remote (repeater) stations are located often are not the same as the geographic area of the originating source of the program stream (wherein EAS is overlaid onto the program stream) – meaning EAS alerts issued for the originating source's county may not apply to the county in which the remote (repeater) station is located – the originating source typically only relays national alerts, and statewide alerts (if the originating source and remote (repeater) stations are all located in the same state). Given that multilingual alerting is highly location-specific, would it be useful to limit use of multilingual templates in these configurations to those issued nationally or on a statewide basis (where all counties are affected), assuming any template would ever be issued on such a basis?

29. *Changes to Standards and Equipment*. We seek comment on whether changes would be required to any IPAWS instructions or the ECIG Implementation Guide to facilitate the template alert processing approach described above. We also seek comment on what changes would be required to EAS devices and downstream or upstream processing systems to implement the template alert approach described above. What would be the costs of any such changes?

[70] ECIG Implementation Guide, § 3.7. The TTS audio is generated from the enhanced text provided in the CAP instructions. *See id*. In the template case, the TTS audio would be generated from the template script.

30. *Integrating Consumer Choice Into Multilingual Template Alerting*. As indicated above, EAS Participant transmissions typically are not processable by the end user devices that receive them. Thus, the template alert processing approach relies on alert originators and EAS Participants, who presumably both know the public segments they serve, to choose the template language version that is appropriate to their audiences. We seek comment on whether and how template alerting in EAS could be augmented, in transmission or presentation over EAS Participant platforms, to provide end users with an ability to choose which template version language they experience individually. Could template alerts be transmitted on secondary channels and processed in accordance with end user preferences by compatible end user devices? Could cable systems transmit the template version(s) of an alert on force tuned channels and provide subscribers the choice of which version they would be force-tuned to in the set-top-box Graphic User Interface menus?

B. Composition of Template Alerts

31. In the *WEA Accessibility Order*, we directed the Public Safety and Homeland Security Bureau (Bureau) to propose and seek comment on a set of emergency alert messages for support via multilingual templates.[71] As part of this process, the Commission directed the Bureau to seek comment on which messages are most commonly used by alerting authorities, as well as those which may be most time-sensitive and thus critical for immediate comprehension.[72] We seek comment on whether we should follow this approach for identifying which messages should be made available as EAS template alerts, and whether the Bureau should establish a process for ongoing updates to such templates as appropriate. We also seek comment on whether the WEA templates should be used, in whole or in part, in EAS, if feasible.

C. Assessing the Benefits and Costs

32. *Benefits*. As a general matter, improving access to alert information by people whose primary language is not English provides significant public safety benefits and is in the public interest. Our general findings concerning the benefits of improving accessibility to WEA alerts in different languages in the *WEA Accessibility Order*, which focused on template alert issuance to commercial mobile service end users, seems relevant in this regard. In that item, the Commission found significant benefits arising from enhancing language support through a template-based approach. The enhanced language support makes alerts comprehensible for some language communities for the first time, which helps to keep these vulnerable communities safer during disasters, and incentivizes emergency managers to become authorized by FEMA to distribute CAP-formatted alerts using IPAWS.[73]

33. These general benefits are not specific to CMS architecture, and it seems reasonable to expect similar benefits in the EAS context. While the multilingual benefits of template alerting in EAS may to some extent hinge upon EAS Participants agreeing to transmit template alert languages other than their programmed primary language, the template processing approach described above – where the alert content and processing options are fully transparent to the EAS Participant and installed in their EAS devices for automated processing – should make it easier for EAS Participants to confidently do so. To the extent that the template alert processing approach described above increases participation by EAS Participants and emergency managers in getting multilingual template alerts out to the communities that might otherwise not have any understandable warning of an impending emergency situation, there will be an incremental increase in lives saved, injuries prevented, and reductions in the cost of deploying first responders. Such result is expected because the template alerts proposed above would, for those alerts suitable to be relayed in pre-scripted template form, be prepared by the Commission, thus, removing the burden of translation from alert originators.

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[71] *WEA Accessibility Order*, para. 21.

[72] *WEA Accessibility Order*, para. 21.

[73] *WEA Accessibility Order*, para. 58.

34. The expected benefits from the template alert processing approach described above include prevention of property damages, injuries, and loss of life. These benefits are expected to affect over 26 million people in the United States who report that they do not speak English very well or at all. A significant percentage of this group of individuals would benefit from accessing alerts in their primary language.[74] Those who communicate in non-English languages are at risk of not understanding alert information that could otherwise prevent property damage, injuries, and deaths. Reduced confusion and increased trust in EAS through the enhanced language support also increase the likelihood that the public will follow alert instructions in the future.

35. While it is difficult to quantify the precise dollar value of improvements to the public's safety, life, and health,[75] making EAS alerts more accessible to people that might not otherwise understand their warning information or have alternate sources of such information in their primary language, would likely yield significant benefits to preservation of life and property in the event of such emergencies.[76] There is great value in improved public safety for reducing the risk of avoidable deaths and injuries by better informing the public of pending emergencies.[77] We seek comment on our assessment of the benefits and the potential for measuring those benefits.

36. *Costs*. Without knowing precisely what changes would be required in EAS devices and potentially involved in interconnected transmission processing systems, it is difficult to estimate the total costs of implementing template alert processing in EAS. We observe, however, that the Commission has implemented changes to EAS involving software changes to EAS devices, which seem relevant to estimating the costs of implementing multilingual templates. Most recently, in the *Comprehensible Alerts Order*,[78] which adopted EAS header code changes as well as visual crawl script for the NPT code, the Commission estimated costs in line with the costs for EAS header code changes adopted in the 2016 *Weather Alerts Order*[79] and the 2017 *Blue Alerts Order*.[80] The Commission concluded in the *Weather Alerts Order* and the *Comprehensible Alerts Order* that the only costs to EAS Participants for installing the new event codes and EAS software, respectively, were the labor cost of downloading the software patches onto their devices and associated clerical work (the record indicated that the patches themselves

[74] U.S. Census Bureau, American Community Survey: Selected Social Characteristics in the United States, Table DP02, "Language Spoken at Home: Speak English less than 'very well'" (2022: ACS 1-Year Estimates Data Profiles), https://data.census.gov/cedsci/table?q=DP02 (last visited Dec. 12, 2023).

[75] *Resilient Networks*, Report and Order, FCC 22-50, 2022 FCC Lexis 2186 at *54, para. 46 (2022) ("it would be impossible to quantify the precise financial value of these health and safety benefits") (*Resilient Networks Order*); *Amendment of the Commission's Rules Regarding the Emergency Alert System*, PS Docket 15-94, Report and Order, 33 FCC Rcd 7086, 7100, para. 34 (2018) (*False Alerts Order*) ("To provide an estimate of the value of the benefits of the rules we adopt today, we turn to the overall value of the EAS. Scholars agree that public safety in the United States has improved over the years because its early warning systems for recurring hazards such as lightning, floods, storms and heat waves are continually improving.").

[76] *Amendment of the Commission's Rules Regarding the Emergency Alert System*, PS Dockets 15-91, 15-94, Report and Order, 36 FCC Rcd 10694, 10701, para. 14 (2021) (improving alert messages improves the public's response to alerts, which will result in the public taking action faster in times of emergency, thus saving lives) (*NDAA Order*).

[77] *Amendment of Part 11 of the Commission's Rules Regarding Emergency Alert System*, PS Docket No. 15-94, Report and Order, 32 FCC Rcd 10812, 10825-26, para. 26 (2017) (discussing the value of improved public safety from alerting improvements) (*Blue Alerts Order*).

[78] *Amendment of Part 11 of the Commission's Rules Regarding Emergency Alert System*, PS Docket No. 15-94, Report and Order, 37 FCC Rcd 11867, para. 59 (2022) (*Comprehensible Alerts Order*).

[79] *Amendment of Part 11 of the Commission's Rules Regarding Emergency Alert System*, PS Docket No. 15-94, Report and Order, 31 FCC Rcd 7915 (2016) (*Weather Alerts Order*).

[80] *See Blue Alerts Order*, 32 FCC Rcd at 10824, para. 25.

would be provided free of charge).[81] The *Blue Alerts Order* followed the same approach but also included relevant associated testing.[82]

37. Assuming that template alert processing can be implemented via a regular software update patch that EAS Participants install in the normal course of business,[83] we would expect the costs of software installation, labor, and testing to install the patch likely would be similar to the industry-wide estimate for mandatory software updates in the *Comprehensible Alerts Order*.[84] The Commission estimates that software labor industry-wide would not exceed 5 hours of labor multiplied by 25,519 estimated broadcasters and cable head-ends, plus 1 SDARS provider and 2 DBS providers,[85] for a total of 127,610 hours of software-related labor, a figure which is likely an over-estimate.[86] Using an average hourly wage of $60.07 for software and web developers, programmers, and testers,[87] and factoring in a 45% markup of hourly wage for benefits,[88] and a 5.5% inflation adjustment between 2022 and 2023,[89] we

[81] *Weather Alerts Order*, 31 FCC Rcd at 7924, para. 23; *Comprehensible Alerts Order*, 37 FCC Rcd 11867, para. 59.

[82] *Blue Alerts Order*, 32 FCC Rcd at 10824, para. 25.

[83] *See Comprehensible Alerts Order*, 32 FCC Rcd 11867-68, para. 61 (finding with respect to the header code changes adopted in that item that "most EAS Participants will have sufficient time to avoid [] labor cost by downloading the required software changes together with their general software upgrades… most of which can be bundled with 'normally scheduled software releases' and performed at the same time…").

[84] *Comprehensible Alerts Order*, 32 FCC Rcd 11867-68, paras. 60-62 (estimating $5 million in mandatory EAS Participant software costs industry-wide, including installation and testing costs).

[85] The figure 25,519 includes 21,380 broadcaster stations and 4,139 headends. With two direct broadcast satellite (DBS) providers and one satellite digital audio radio service (SDARS) provider, the total number of providers is 25,522. *See Communications Marketplace Report*, FCC 22-103, 2022 Communications Marketplace Report, at 128-29, paras. 186-87 (Dec. 30, 2022) (stating that Sirius XM is the only SDARS provider and DIRECTV and DISH Network are the only two DBS providers); *Broadcast Station Totals as of December 31, 2023*, Public Notice, DA 24-17 (rel. Jan. 8, 2024) (*December 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-24-17A1.pdf (stating that there were 33,428 broadcast stations in the United States as of Dec. 31, 2023, from which we subtract 12,048 FM translators and boosters, and VHF and UHF translators that do not originate programming, for a total number of affected broadcast stations of 21,392); S&P Global Market Intelligence, S&P Capital IQ Pro, U.S. MediaCensus, *Operator Subscribers by Geography* (last visited May 26, 2022) (stating that there were 4,139 cable headends in the United States). Per staff estimates, there are 3,915 unique Physical System Identifiers representing the approximate number of headends in the FCC Cable Operations & Licensing System. *See* FCC, *Cable Operations & Licensing System (COALS) PSIDs and Carriage Election Notice (CEN) Contact*, https://fccprod.servicenowservices.com/coals?id=coals_search_psid (last visited Dec. 11, 2023). Using the PSID figures, the estimated number of DBS providers, SDARS providers, broadcasters and cable head-ends is 25,295.

[86] *Comprehensible Alerts Order*, 32 FCC Rcd 11867-68, para. 60. *See also Blue Alerts Order*, 32 FCC Rcd 10824, para. 25; *Weather Alerts Order*, 31 FCC Rcd 7924, para. 23; *supra* note 72 (observing that using current PSID figures to determine the number of cable head-ends lowers the total number of entities affected to 25,307, which would result in an aggregate total of 126,535 hours of software-related labor).

[87] Press Release, Bureau of Labor Statistics, National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2022, at https://www.bls.gov/news.release/ocwage.t01.htm.

[88] According to the Bureau of Labor Statistics, as of March 2023, civilian wages and salaries averaged $29.70/hour and benefits averaged $13.36/hour. Total compensation therefore averaged $29.70 + $13.36 = $43.07. See Press Release, Bureaus of Labor Statistics, Employer Costs for Employee Compensation – March 2023 (June 16, 2023), https://www.bls.gov/news.release/pdf/ecec.pdf. Using these figures, benefits constitute a markup of $13.36/$29.70 = 45%. We therefore markup wages by 45% to account for benefits.

[89] *See* Federal Reserve Bank of St. Louis, *Average Hourly Earnings of All Employees, Total Private (CES0500000003]*, https://fred.stlouisfed.org/series/CES0500000003 (last visited Oct. 10, 2023) (*Inflation Adjustment*) (showing that according to Bureau of Labor Statistics data the average hourly private wage increased by 5.5% between May 2022 and August 2023).

estimate an hourly wage of $91.89.[90] Using these estimates of 5 hours labor time at a cost of $91.89 per hour would result in a total labor cost to each EAS Participant for installing a software patch that configures the template mechanism in the EAS device of approximately $460, and an aggregate labor cost of approximately $12 million.[91] We seek comment on whether this estimate is too high or too low, and we ask commenters to provide data supporting either our cost estimate or a different estimate.

38. We seek comment on the extent to which the changes required to implement the template alert processing approach described above could be implemented in a routine software update patch. Would a patch specific to the template mechanism (and not folded into a routine software update patch) be required, and at what cost to EAS Participants? How long would it take to develop, test and release such a patch? If existing EAS device models required adding memory capacity to enable in-device template audio file storage, could adding such memory be done in the field, and at what cost to EAS Participants? If TTS were used to generate the template audio from the script, would inclusion of the necessary TTS functionality require additional memory and at what cost? Are there any existing EAS device models in use in which implementing the template alert processing approach described above could not be effected using a software patch and instead would have to be replaced? What costs would be associated with such replacements? If changes would be required to transmission systems upstream or downstream from the EAS device, how long would those take to develop and implement, and at what cost to EAS Participants?[92] Would changes be required to commercially available alert originating systems and software (e.g., Everbridge)? Are there more efficient and less burdensome alternatives that might achieve the same results?

39. Based on the foregoing, assuming the template alert processing approach described above can be implemented via a routine software update patch, and other costs (including memory requirements or changes to upstream/downstream transmission) are relatively low, we would estimate that the total costs would be approximately $12 million. If accurate, that would in our view be far outweighed by the overall benefits to public safety and the public interest described above. We recognize, however, that there potentially could be costs associated with adding memory capacity, firmware and/or other modifications to EAS devices, and changes potentially could be required to downstream transmission processing systems. It is also conceivable that there are some older EAS devices in use today that could not be updated or modified to enable template alert processing and transmission. We seek comment on all of these factors. We observe that the record in this proceeding will clarify these issues, and we will revise our cost assessments accordingly. We seek comment on our estimates and any implementation costs we have not expressly contemplated above. If commenters disagree with our assessments, we seek alternative estimates with supporting data and information.

D. Implementation

40. *ECIG Implementation Guide*. In the event that the template alert processing approach described above would necessitate revisions within or an amendment to the ECIG Implementation Guide to facilitate such processing, and how long would it take to effect any such changes?

41. *EAS Devices*. Assuming multilingual template alert text and audio can be integrated in EAS devices, and processing instructions can be implemented in such devices via software updates alone, how long would manufacturers require to develop, test and release such updates (and at what cost to EAS

[90] Note that $91.89 = $60.07 × 145% × 105.5%.

[91] We calculate the total cost as follows: $91.89/hour × 5 hours × 25,522 broadcasters, cable headends, and DBS and SDARS providers = $11,726,083, which we round to $12 million.

[92] In the *Comprehensible Alerts Order*, for example, the Commission found that the changes it adopted could require set-top box replacements in some cases, but estimated that such costs would not exceed $4.4 million. *See Comprehensible Alerts Order* at *81-85, para. 62 (*citing 2015 Sixth Report and Order*, 30 FCC Rcd at 6530, fn. 66; *Review of the Emergency Alert System*, EB Docket 04-296, Notice of Proposed Rulemaking, 29 FCC Rcd 8123, 8146, para. 46 (2014) (*Operational Issues NPRM*)).

Participants)? If storage of template visual script and audio files in installed EAS device models were to require addition of memory capacity via firmware update or some other mechanism, how long would it take EAS Participants to acquire and install such memory capacity (and at what cost)? How much time likely would be required to implement a stored (audio and visual script) template alert mechanism?

42. *EAS Participant Transmission Systems*. Would implementing the template alert processing approach present any unique challenges or require modifications with respect to EAS Participant transmission processing systems upstream or downstream from the EAS device that would impact the time required for implementation?[93]

IV. PROCEDURAL MATTERS

43. *Paperwork Reduction Act*. This *Notice of Proposed Rulemaking* may contain proposed new or modified information collection requirements. The Commission, as part of its continuing effort to reduce paperwork burdens, invites the general public and the Office of Management and Budget (OMB) to comment on any information collection requirements contained in this document, as required by the Paperwork Reduction Act of 1995, Public Law 104-13. In addition, pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107-198, we seek specific comment on how we might "further reduce the information collection burden for small business concerns with fewer than 25 employees."[94]

44. *Regulatory Flexibility Act*. The Regulatory Flexibility Act of 1980, as amended (RFA),[95] requires that an agency prepare a regulatory flexibility analysis for notice and comment rulemakings, unless the agency certifies that "the rule will not, if promulgated, have a significant economic impact on a substantial number of small entities."[96] Accordingly, the Commission has prepared an Initial Regulatory Flexibility Analysis (IRFA) concerning potential rule and policy changes contained in this *Notice of Proposed Rulemaking*. The IRFA is contained in Appendix B. Written public comments are requested on the IRFA. Comments must be filed by the deadlines for comments on the *Notice* indicated on the first page of this document and must have a separate and distinct heading designating them as responses to the IRFA.

45. *Providing Accountability Through Transparency Act*. Consistent with the Providing Accountability Through Transparency Act, Public Law 118-9, a summary of this document will be available on https://www.fcc.gov/proposed-rulemakings.

46. *Ex Parte Presentations – Permit-But-Disclose*. The proceeding this *Notice of Proposed Rulemaking* initiates shall be treated as a "permit-but-disclose" proceeding in accordance with the Commission's *ex parte* rules.[97] Persons making *ex parte* presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral *ex parte* presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the *ex parte* presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's

[93] For example, in the *Comprehensive Alerts Order*, the Commission provided cable operators with additional time relative to all other EAS Participant categories to comply with the required change to the text associated with the EAN event code due to software-related complexities associated with implementing such text in cable system processing equipment downstream from the EAS device. *See Comprehensive Alerts Order*, at paras. 48-53.

[94] 44 U.S.C. § 3506(c)(4).

[95] 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601–612, was amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[96] 5 U.S.C. § 605(b).

[97] 47 CFR § 1.1200 *et seq.*

written comments, memoranda or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during *ex parte* meetings are deemed to be written *ex parte* presentations and must be filed consistent with rule 1.1206(b). In proceedings governed by rule 1.49(f) or for which the Commission has made available a method of electronic filing, written *ex parte* presentations and memoranda summarizing oral *ex parte* presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that proceeding, and must be filed in their native format (*e.g.*, .doc, .xml, .ppt, searchable .pdf). Participants in this proceeding should familiarize themselves with the Commission's *ex parte* rules.

47. *Comment Filing Instructions.* Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS). *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

- Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS: https://www.fcc.gov/ecfs.
- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing.
- Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701. U.S. Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street NE, Washington, D.C., 20554.
- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. *See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, 35 FCC Rcd 2788 (OMD 2020), https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy.

48. *People with Disabilities*. To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice).

49. *Additional Information*. For additional information on this proceeding, contact David Munson, Attorney Advisor, Cybersecurity and Communications Reliability Division, Public Safety and Homeland Security Bureau at David.Munson@fcc.gov or 202-418-2921, or George Donato, Associate Division Chief, Cybersecurity and Communications Reliability Division, Public Safety and Homeland Security Bureau, at George.Donato@fcc.gov or 202-418-0729.

V. ORDERING CLAUSES

50. Accordingly, IT IS ORDERED, pursuant to sections 1, 2, 4(i), 4(n), 303, 335, 624(g), 706 and 713 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 152, 154(i), 154(n), 303, 335, 544(g), 606, 613,that this *Notice of Proposed Rulemaking* IS ADOPTED.

51. IT IS FURTHER ORDERED that, pursuant to applicable procedures set forth in sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments on the *Notice of Proposed Rulemaking* on or before 30 days after publication in the Federal Register, and reply comments on or before 60 days after publication in the Federal Register.

52. IT IS FURTHER ORDERED that the Office of the Secretary, Reference Information Center, SHALL SEND a copy of this *Notice of Proposed Rulemaking*, including the Initial Regulatory Flexibility Analysis, to the Chief Counsel for Advocacy of the Small Business Administration.

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

APPENDIX A

Initial Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA),[98] the Commission has prepared this Initial Regulatory Flexibility Analysis (IRFA) of the possible significant economic impact on a substantial number of small entities by the policies and rules proposed in the Notice of Proposed Rulemaking (*Notice*). Written public comments are requested on this IRFA. Comments must be identified as responses to the IRFA and must be filed by the deadlines for comments on the *Notice*. The Commission will send a copy of the *Notice*, including this IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA).[99] In addition, the *Notice* and IRFA (or summaries thereof) will be published in the Federal Register.[100]

A. Need for, and Objectives of, the Proposed Rules

2. In the *Notice*, the Commission seeks comment on the efficacy and feasibility of implementing a process for distributing template-based EAS messages in the 13 most commonly spoken non-English languages (according to U.S. Census data) – Spanish, Chinese, Tagalog, Vietnamese, Arabic, French, Korean, Russian, Haitian Creole, German, Hindi, Portuguese, and Italian – as well as in English. The Commission proposes an approach for processing multilingual template EAS alerts that is fairly consistent with existing procedures for processing EAS alerts, and requests comment on specific relevant alerting elements, such as template-specific event codes, template script-based visual messages, and template audio. In a departure from existing procedures, however, the Commission also proposes that EAS Participants would be required to transmit the template alerts in the non-English or English template language corresponds to the programming content of their channel(s); EAS Participants that provide multiple channels of programming (other than satellite-based EAS Participants that transmit on a nationwide basis) would transmit the template visual and audio messages on each channel in the language that corresponds to the programming content carried on such channel.

3. The Commission also evaluates and seeks comment on whether for EAS templates alerts, it should follow a similar approach to that followed in the *WEA Accessibility Order* where the Commission directed the Public Safety and Homeland Security Bureau (Bureau) to propose and seek comment on a set of emergency alert messages for support via templates in English, the 13 most commonly spoken languages in the U.S., and to seek comment on the most common messages used by alerting authorities, as well as the most time-sensitive messages which are likely critical for immediate comprehension.[101] Lastly, the Commission explores and requests comment on implementation related matters, including revising or amending the ECIG Implementation Guide, time requirements for manufacturers to develop, test and release any necessary software updates, and whether a template-based alert processing model would present any unique challenges or require modification of EAS Participant transmission processing systems upstream or downstream from the EAS device that would affect implementation timeframes.

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[98] 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612, has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[99] 5 U.S.C. § 603(a).

[100] *See id.*

[101] *Wireless Emergency Alerts, Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System*, PS Docket Nos. 15-91 and 15-94, Third Report and Order, FCC 23-88 (2023) (*WEA Accessibility Order*).

B. Legal Basis

4. The proposed action is authorized pursuant to: sections 1, 2, 4(i), 4(n), 303, 335, 624(g), 706 and 713 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 151, 152, 154(i), 154(n), 303, 335, 544(g), 606, and 613.

C. Description and Estimate of the Number of Small Entities to Which the Proposed Rules Will Apply

5. The RFA directs agencies to provide a description of and, where feasible, an estimate of, the number of small entities that may be affected by the proposed rules, if adopted.[102] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction."[103] In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act.[104] A "small business concern" is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[105]

6. There are small entities among the current EAS Participants, which include 17,521 radio broadcasters and 8,133 other participants, including television broadcasters, cable operators, satellite operators, and other businesses in the industry segments discussed below, that could be impacted by the changes proposed in today's *Notice*.[106]

7. *Small Businesses, Small Organizations, and Small Governmental Jurisdictions*. Our actions, over time, may affect small entities that are not easily categorized at present. We therefore describe, at the outset, three broad groups of small entities that could be directly affected herein.[107] First, while there are industry specific size standards for small businesses that are used in the regulatory flexibility analysis, according to data from the Small Business Administration's (SBA) Office of Advocacy, in general a small business is an independent business having fewer than 500 employees.[108] These types of small businesses represent 99.9% of all businesses in the United States, which translates to 33.2 million businesses.[109]

8. Next, the type of small entity described as a "small organization" is generally "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field."[110] The Internal Revenue Service (IRS) uses a revenue benchmark of $50,000 or less to delineate its annual

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[102] *See id*.

[103] *See id*.

[104] *See id* (incorporating by reference the definition of "small-business concern" in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register."

[105] 15 U.S.C. § 632.

[106] *See* Report: August 11, 2021 Nationwide EAS Test, Federal Communications Commission Public Safety and Homeland Security Bureau, p. 7 (December 2021).

[107] *See* 5 U.S.C. § 601(3)-(6).

[108] *See* SBA, Office of Advocacy, "What's New With Small Business?," https://advocacy.sba.gov/wp-content/uploads/2023/03/Whats-New-Infographic-March-2023-508c.pdf. (Mar. 2023)

[109] *Id*.

[110] *See* 5 U.S.C. § 601(4).

electronic filing requirements for small exempt organizations.[111] Nationwide, for tax year 2020, there were approximately 447,689 small exempt organizations in the U.S. reporting revenues of $50,000 or less according to the registration and tax data for exempt organizations available from the IRS.[112]

9. Finally, the small entity described as a "small governmental jurisdiction" is defined generally as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand."[113] U.S. Census Bureau data from the 2017 Census of Governments[114] indicate there were 90,075 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States.[115] Of this number, there were 36,931 general purpose governments (county,[116] municipal, and town or township[117]) with populations of less than 50,000 and 12,040 special purpose governments—independent school districts[118] with enrollment populations of less than 50,000.[119] Accordingly, based on the 2017 U.S. Census of

[111] The IRS benchmark is similar to the population of less than 50,000 benchmark in 5 U.S.C § 601(5) that is used to define a small governmental jurisdiction. Therefore, the IRS benchmark has been used to estimate the number of small organizations in this small entity description. S*ee* Annual Electronic Filing Requirement for Small Exempt Organizations – Form 990-N (e-Postcard), "Who must file," https://www.irs.gov/charities-non-profits/annual-electronic-filing-requirement-for-small-exempt-organizations-form-990-n-e-postcard. We note that the IRS data does not provide information on whether a small exempt organization is independently owned and operated or dominant in its field.

[112] *See* Exempt Organizations Business Master File Extract (EO BMF), "CSV Files by Region," https://www.irs.gov/charities-non-profits/exempt-organizations-business-master-file-extract-eo-bmf. The IRS Exempt Organization Business Master File (EO BMF) Extract provides information on all registered tax-exempt/non-profit organizations. The data utilized for purposes of this description was extracted from the IRS EO BMF data for businesses for the tax year 2020 with revenue less than or equal to $50,000 for Region 1-Northeast Area (58,577), Region 2-Mid-Atlantic and Great Lakes Areas (175,272), and Region 3-Gulf Coast and Pacific Coast Areas (213,840) that includes the continental U.S., Alaska, and Hawaii. This data does not include information for Puerto Rico.

[113] *See* 5 U.S.C. § 601(5).

[114] *See* 13 U.S.C. § 161. The Census of Governments survey is conducted every five (5) years compiling data for years ending with "2" and "7". *See also* Census of Governments, https://www.census.gov/programs-surveys/cog/about.html.

[115] *See* U.S. Census Bureau, 2017 Census of Governments – Organization Table 2. Local Governments by Type and State: 2017 [CG1700ORG02], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. Local governmental jurisdictions are made up of general purpose governments (county, municipal and town or township) and special purpose governments (special districts and independent school districts). *See also* tbl.2. CG1700ORG02 Table Notes_Local Governments by Type and State_2017.

[116] *See id.* at tbl.5. County Governments by Population-Size Group and State: 2017 [CG1700ORG05], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 2,105 county governments with populations less than 50,000. This category does not include subcounty (municipal and township) governments.

[117] *See id.* at tbl.6. Subcounty General-Purpose Governments by Population-Size Group and State: 2017 [CG1700ORG06], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 18,729 municipal and 16,097 town and township governments with populations less than 50,000.

[118] *See id.* at tbl.10. Elementary and Secondary School Systems by Enrollment-Size Group and State: 2017 [CG1700ORG10], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 12,040 independent school districts with enrollment populations less than 50,000. *See also* tbl.4. Special-Purpose Local Governments by State Census Years 1942 to 2017 [CG1700ORG04], CG1700ORG04 Table Notes_Special Purpose Local Governments by State_Census Years 1942 to 2017.

[119] While the special purpose governments category also includes local special district governments, the 2017 Census of Governments data does not provide data aggregated based on population size for the special purpose

(continued….)

Governments data, we estimate that at least 48,971 entities fall into the category of "small governmental jurisdictions."[120]

10. *Radio Stations*. This industry is comprised of "establishments primarily engaged in broadcasting aural programs by radio to the public."[121] Programming may originate in their own studio, from an affiliated network, or from external sources.[122] The SBA small business size standard for this industry classifies firms having $41.5 million or less in annual receipts as small.[123] U.S. Census Bureau data for 2017 show that 2,963 firms operated in this industry during that year.[124] Of this number, 1,879 firms operated with revenue of less than $25 million per year.[125] Based on this data and the SBA's small business size standard, we estimate a majority of such entities are small entities.

11. The Commission estimates that as of September 30, 2023, there were 4,452 licensed commercial AM radio stations and 6,670 licensed commercial FM radio stations, for a combined total of 11,122 commercial radio stations.[126] Of this total, 11,120 stations (or 99.98 %) had revenues of $41.5 million or less in 2022, according to Commission staff review of the BIA Kelsey Inc. Media Access Pro Database (BIA) on October 4, 2023, and therefore these licensees qualify as small entities under the SBA definition. In addition, the Commission estimates that as of September 30, 2023, there were 4,263 licensed noncommercial (NCE) FM radio stations, 1,978 low power FM (LPFM) stations, and 8,928 FM translators and boosters.[127] The Commission however does not compile, and otherwise does not have access to financial information for these radio stations that would permit it to determine how many of these stations qualify as small entities under the SBA small business size standard. Nevertheless, given the SBA's large annual receipts threshold for this industry and the nature of radio station licensees, we presume that all of these entities qualify as small entities under the above SBA small business size standard.

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governments category. Therefore, only data from independent school districts is included in the special purpose governments category.

[120] This total is derived from the sum of the number of general purpose governments (county, municipal and town or township) with populations of less than 50,000 (36,931) and the number of special purpose governments - independent school districts with enrollment populations of less than 50,000 (12,040), from the 2017 Census of Governments - Organizations tbls. 5, 6 & 10.

[121] *See* U.S. Census Bureau, *2017 NAICS Definition, "515112 Radio Stations*," https://www.census.gov/naics/?input=515112&year=2017&details=515112.

[122] *Id.*

[123] *See* 13 CFR § 121.201, NAICS Code 515112 (as of 10/1/22 NAICS Code 516110).

[124] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 515112, https://data.census.gov/cedsci/table?y=2017&n=515112&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false. We note that the US Census Bureau withheld publication of the number of firms that operated for the entire year.

[125] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We note that the U.S. Census Bureau withheld publication of the number of firms that operated with sales/value of shipments/revenue in the individual categories for less than $100,000, and $100,000 to $249,999 to avoid disclosing data for individual companies (see Cell Notes for the sales/value of shipments/revenue in these categories). Therefore, the number of firms with revenue that meet the SBA size standard would be higher that noted herein. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[126] *Broadcast Station Totals as of September 30, 2023*, Public Notice, DA 23-921 (rel. Oct. 3, 2023) (*October 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-23-921A1.pdf.

[127] *Id.*

12. We note, however, that in assessing whether a business concern qualifies as "small" under the above definition, business (control) affiliations[128] must be included. Our estimate, therefore, likely overstates the number of small entities that might be affected by our action, because the revenue figure on which it is based does not include or aggregate revenues from affiliated companies. In addition, another element of the definition of "small business" requires that an entity not be dominant in its field of operation. We are unable at this time to define or quantify the criteria that would establish whether a specific radio or television broadcast station is dominant in its field of operation. Accordingly, the estimate of small businesses to which the rules may apply does not exclude any radio or television station from the definition of a small business on this basis and is therefore possibly over-inclusive. An additional element of the definition of "small business" is that the entity must be independently owned and operated. Because it is difficult to assess these criteria in the context of media entities, the estimate of small businesses to which the rules may apply does not exclude any radio or television station from the definition of a small business on this basis and similarly may be over-inclusive.

13. *FM Translator Stations and Low Power FM Stations*. FM translators and Low Power FM Stations are classified in the industry for Radio Stations.[129] The Radio Stations industry comprises establishments primarily engaged in broadcasting aural programs by radio to the public.[130] Programming may originate in their own studio, from an affiliated network, or from external sources.[131] The SBA small business size standard for this industry classifies firms having $41.5 million or less in annual receipts as small.[132] U.S. Census Bureau data for 2017 show that 2,963 firms operated during that year.[133] Of that number, 1,879 firms operated with revenue of less than $25 million per year.[134] Therefore, based on the SBA's size standard we conclude that the majority of FM Translator stations and Low Power FM Stations are small. Additionally, according to Commission data, as of September 30, 2023, there were 8,928 FM Translator Stations and 1,978 Low Power FM licensed broadcast stations.[135] The Commission however does not compile and otherwise does not have access to information on the revenue of these stations that would permit it to determine how many of the stations would qualify as small entities. For purposes of this regulatory flexibility analysis, we presume the majority of these stations are small entities.

14. *Television Broadcasting.* This industry is comprised of "establishments primarily

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[128] "[Business concerns] are affiliates of each other when one concern controls or has the power to control the other or a third party or parties controls or has the power to control both." 13 CFR § 21.103(a)(1).

[129] *See* U.S. Census Bureau, *2017 NAICS Definition, "515112 Radio Stations,"* https://www.census.gov/naics/?input=515112&year=2017&details=515112.

[130] *Id.*

[131] *Id.*

[132] *See* 13 CFR § 121.201, NAICS Code 515112 (as of 10/1/22 NAICS Code 516110).

[133] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 515112, https://data.census.gov/cedsci/table?y=2017&n=515112&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false. We note that the US Census Bureau withheld publication of the number of firms that operated for the entire year.

[134] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We note that the U.S. Census Bureau withheld publication of the number of firms that operated with sales/value of shipments/revenue in the individual categories for less than $100,000, and $100,000 to $249,999 to avoid disclosing data for individual companies (see Cell Notes for the sales/value of shipments/revenue in these categories). Therefore, the number of firms with annual receipts that meet the SBA size standard would be higher that noted herein. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[135] *Broadcast Station Totals as of September 30, 2023*, Public Notice, DA 23-921 (rel. Oct. 3, 2023) (*October 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-23-921A1.pdf.

engaged in broadcasting images together with sound."[136] These establishments operate television broadcast studios and facilities for the programming and transmission of programs to the public.[137] These establishments also produce or transmit visual programming to affiliated broadcast television stations, which in turn broadcast the programs to the public on a predetermined schedule. Programming may originate in their own studio, from an affiliated network, or from external sources. The SBA small business size standard for this industry classifies businesses having $41.5 million or less in annual receipts as small.[138] 2017 U.S. Census Bureau data indicate that 744 firms in this industry operated for the entire year.[139] Of that number, 657 firms had revenue of less than $25,000,000.[140] Based on this data we estimate that the majority of television broadcasters are small entities under the SBA small business size standard.

15. As of September 30, 2023, there were 1,377 licensed commercial television stations.[141] Of this total, 1,258 stations (or 91.4%) had revenues of $41.5 million or less in 2022, according to Commission staff review of the BIA Kelsey Inc. Media Access Pro Television Database (BIA) on October 4, 2023, and therefore these licensees qualify as small entities under the SBA definition. In addition, the Commission estimates as of September 30, 2023, there were 383 licensed noncommercial educational (NCE) television stations, 380 Class A TV stations, 1,889 LPTV stations and 3,127 TV translator stations.[142] The Commission, however, does not compile and otherwise does not have access to financial information for these television broadcast stations that would permit it to determine how many of these stations qualify as small entities under the SBA small business size standard. Nevertheless, given the SBA's large annual receipts threshold for this industry and the nature of these television station licensees, we presume that all of these entities qualify as small entities under the above SBA small business size standard.

16. *Cable System Operators (Telecom Act Standard)*. The Communications Act of 1934, as amended, contains a size standard for a "small cable operator," which is "a cable operator that, directly or through an affiliate, serves in the aggregate fewer than one percent of all subscribers in the United States and is not affiliated with any entity or entities whose gross annual revenues in the aggregate exceed $250,000,000."[143] For purposes of the Telecom Act Standard, the Commission determined that a cable system operator that serves fewer than 677,000 subscribers, either directly or through affiliates, will meet the definition of a small cable operator based on the cable subscriber count established in a 2001 Public Notice.[144] Based on industry data, only six cable system operators have more than 677,000 subscribers.[145]

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[136] *See* U.S. Census Bureau, *2017 NAICS Definition, "515120 Television Broadcasting,"* https://www.census.gov/naics/?input=515120&year=2017&details=515120.

[137] *Id.*

[138] *See* 13 CFR § 121.201, NAICS Code 515120 (as of 10/1/22 NAICS Code 516120).

[139] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 515120, https://data.census.gov/cedsci/table?y=2017&n=515120&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[140] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[141] *Broadcast Station Totals as of September 30, 2023*, Public Notice, DA 23-921 (rel. Oct. 3, 2023) (*October 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-23-921A1.pdf.

[142] *Id*.

[143] 47 U.S.C. § 543(m)(2).

[144] *FCC Announces New Subscriber Count for the Definition of Small Cable Operator*, Public Notice, 16 FCC Rcd 2225 (CSB 2001) (*2001 Subscriber Count PN*). In this Public Notice, the Commission determined that there were

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Accordingly, the Commission estimates that the majority of cable system operators are small under this size standard. We note however, that the Commission neither requests nor collects information on whether cable system operators are affiliated with entities whose gross annual revenues exceed $250 million.[146] Therefore, we are unable at this time to estimate with greater precision the number of cable system operators that would qualify as small cable operators under the definition in the Communications Act.

17. *Cable Companies and Systems (Rate Regulation).* The Commission has developed its own small business size standard for the purpose of cable rate regulation. Under the Commission's rules, a "small cable company" is one serving 400,000 or fewer subscribers nationwide.[147] Based on industry data, there are about 420 cable companies in the U.S.[148] Of these, only seven have more than 400,000 subscribers.[149] In addition, under the Commission's rules, a "small system" is a cable system serving 15,000 or fewer subscribers.[150] Based on industry data, there are about 4,139 cable systems (headends) in the U.S.[151] Of these, about 639 have more than 15,000 subscribers.[152] Accordingly, the Commission estimates that the majority of cable companies and cable systems are small.

18. *Satellite Telecommunications.* This industry comprises firms "primarily engaged in providing telecommunications services to other establishments in the telecommunications and broadcasting industries by forwarding and receiving communications signals via a system of satellites or reselling satellite telecommunications."[153] Satellite telecommunications service providers include satellite and earth station operators. The SBA small business size standard for this industry classifies a business with $38.5 million or less in annual receipts as small.[154] U.S. Census Bureau data for 2017 show that 275

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approximately 67.7 million cable subscribers in the United States at that time using the most reliable source publicly available. *Id*. We recognize that the number of cable subscribers changed since then and that the Commission has recently estimated the number of cable subscribers to traditional and telco cable operators to be approximately 49.8 million. *See Communications Marketplace Report*, GN Docket No. 22-203, 2022 WL 18110553 at 80, para. 218, Fig. II.E.1. (2022) (2022 Communications Marketplace Report). However, because the Commission has not issued a public notice subsequent to the *2001 Subscriber Count PN,* the Commission still relies on the subscriber count threshold established by the *2001 Subscriber Count PN* for purposes of this rule. *See* 47 CFR § 76.901(e)(1).

[145] S&P Global Market Intelligence, S&P Capital IQ Pro, *Top Cable MSOs 12/21Q (*last visited May 26, 2022); S&P Global Market Intelligence, Multichannel Video Subscriptions, Top 10 (April 2022).

[146] The Commission does receive such information on a case-by-case basis if a cable operator appeals a local franchise authority's finding that the operator does not qualify as a small cable operator pursuant to § 76.901(e) of the Commission's rules. *See* 47 CFR § 76.910(b).

[147] 47 CFR § 76.901(d).

[148] S&P Global Market Intelligence, S&P Capital IQ Pro, U.S. MediaCensus, *Operator Subscribers by Geography* (last visited May 26, 2022).

[149] S&P Global Market Intelligence, S&P Capital IQ Pro, *Top Cable MSOs 12/21Q (*last visited May 26, 2022); S&P Global Market Intelligence, Multichannel Video Subscriptions, Top 10 (April 2022).

[150] 47 CFR § 76.901(c).

[151] S&P Global Market Intelligence, S&P Capital IQ Pro, U.S. MediaCensus, *Operator Subscribers by Geography* (last visited May 26, 2022).

[152] S&P Global Market Intelligence, S&P Capital IQ Pro, *Top Cable MSOs 12/21Q (*last visited May 26, 2022).

[153] *See* U.S. Census Bureau, *2017 NAICS Definition, "517410 Satellite Telecommunications,"* https://www.census.gov/naics/?input=517410&year=2017&details=517410.

[154] *See* 13 CFR § 121.201, NAICS Code 517410.

firms in this industry operated for the entire year.[155] Of this number, 242 firms had revenue of less than $25 million.[156] Additionally, based on Commission data in the 2022 Universal Service Monitoring Report, as of December 31, 2021, there were 65 providers that reported they were engaged in the provision of satellite telecommunications services.[157] Of these providers, the Commission estimates that approximately 42 providers have 1,500 or fewer employees.[158] Consequently, using the SBA's small business size standard, a little more than half of these providers can be considered small entities.

19. *All Other Telecommunications.* This industry is comprised of establishments primarily engaged in providing specialized telecommunications services, such as satellite tracking, communications telemetry, and radar station operation.[159] This industry also includes establishments primarily engaged in providing satellite terminal stations and associated facilities connected with one or more terrestrial systems and capable of transmitting telecommunications to, and receiving telecommunications from, satellite systems.[160] Providers of Internet services (e.g. dial-up ISPs) or Voice over Internet Protocol (VoIP) services, via client-supplied telecommunications connections are also included in this industry.[161] The SBA small business size standard for this industry classifies firms with annual receipts of $35 million or less as small.[162] U.S. Census Bureau data for 2017 show that there were 1,079 firms in this industry that operated for the entire year.[163] Of those firms, 1,039 had revenue of less than $25 million.[164] Based on this data, the Commission estimates that the majority of "All Other Telecommunications" firms can be considered small.

20. *Broadband Radio Service and Educational Broadband Service.* Broadband Radio Service systems, previously referred to as Multipoint Distribution Service (MDS) and Multichannel Multipoint Distribution Service (MMDS) systems, and "wireless cable,"[165] transmit video programming to subscribers and provide two-way high speed data operations using the microwave frequencies of the Broadband Radio Service (BRS) and Educational Broadband Service (EBS) (previously referred to as the

[155] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 517410, https://data.census.gov/cedsci/table?y=2017&n=517410&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[156] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[157] Federal-State Joint Board on Universal Service, Universal Service Monitoring Report at 26, Table 1.12 (2022), https://docs.fcc.gov/public/attachments/DOC-391070A1.pdf.

[158] *Id.*

[159] *See* U.S. Census Bureau, *2017 NAICS Definition*, "*517919 All Other Telecommunications,*" https://www.census.gov/naics/?input=517919&year=2017&details=517919.

[160] *Id.*

[161] *Id.*

[162] *See* 13 CFR § 121.201, NAICS Code 517919 (as of 10/1/22, NAICS Code 517810).

[163] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 517919, https://data.census.gov/cedsci/table?y=2017&n=517919&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[164] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[165] The use of the term "wireless cable" does not imply that it constitutes cable television for statutory or regulatory purposes.

Instructional Television Fixed Service (ITFS)).[166] Wireless cable operators that use spectrum in the BRS often supplemented with leased channels from the EBS, provide a competitive alternative to wired cable and other multichannel video programming distributors. Wireless cable programming to subscribers resembles cable television, but instead of coaxial cable, wireless cable uses microwave channels.[167]

21. In light of the use of wireless frequencies by BRS and EBS services, the closest industry with a SBA small business size standard applicable to these services is Wireless Telecommunications Carriers (*except* Satellite).[168] The SBA small business size standard for this industry classifies a business as small if it has 1,500 or fewer employees.[169] U.S. Census Bureau data for 2017 show that there were 2,893 firms that operated in this industry for the entire year.[170] Of this number, 2,837 firms employed fewer than 250 employees.[171] Thus under the SBA size standard, the Commission estimates that a majority of licensees in this industry can be considered small.

22. According to Commission data as December 2021, there were approximately 5,869 active BRS and EBS licenses.[172] The Commission's small business size standards with respect to BRS involves eligibility for bidding credits and installment payments in the auction of licenses for these services. For the auction of BRS licenses, the Commission adopted criteria for three groups of small businesses. A very small business is an entity that, together with its affiliates and controlling interests, has average annual gross revenues exceed $3 million and did not exceed $15 million for the preceding three years, a small business is an entity that, together with its affiliates and controlling interests, has average gross revenues exceed $15 million and did not exceed $40 million for the preceding three years, and an entrepreneur is an entity that, together with its affiliates and controlling interests, has average gross revenues not exceeding $3 million for the preceding three years.[173] Of the ten winning bidders for BRS licenses, two bidders claiming the small business status won 4 licenses, one bidder claiming the very

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[166] See 47 CFR § 27.4; see also Amendment of Parts 21 and 74 of the Commission's Rules with Regard to Filing Procedures in the Multipoint Distribution Service and in the Instructional Television Fixed Service and Implementation of Section 309(j) of the Communications Act—Competitive Bidding, Report and Order, 10 FCC Rcd 9589, 9593, para. 7 (1995).

[167] Generally, a wireless cable system may be described as a microwave station transmitting on a combination of BRS and EBS channels to numerous receivers with antennas, such as single-family residences, apartment complexes, hotels, educational institutions, business entities and governmental offices. The range of the transmission depends upon the transmitter power, the type of receiving antenna and the existence of a line-of-sight path between the transmitter or signal booster and the receiving antenna.

[168] *See* U.S. Census Bureau, *2017 NAICS Definition, "517312 Wireless Telecommunications Carriers* (*except Satellite*)," https://www.census.gov/naics/?input=517312&year=2017&details=517312.

[169] *See* 13 CFR § 121.201, NAICS Code 517312 (as of 10/1/22, NAICS Code 517112).

[170] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 517312, https://data.census.gov/cedsci/table?y=2017&n=517312&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[171] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

[172] Based on a FCC Universal Licensing System search on December 10, 2021, https://wireless2.fcc.gov/UlsApp/UlsSearch/searchAdvanced.jsp. Search parameters: Service Group = All, "Match only the following radio service(s)", Radio Service =BR, ED; Authorization Type = All; Status = Active. We note that the number of active licenses does not equate to the number of licensees. A licensee can have one or more licenses.

[173] *See* 47 CFR § 27.1218(a).

small business status won three licenses and two bidders claiming entrepreneur status won six licenses.[174] One of the winning bidders claiming a small business status classification in the BRS license auction has an active licenses as of December 2021.[175]

23. The Commission's small business size standards for EBS define a small business as an entity that, together with its affiliates, its controlling interests and the affiliates of its controlling interests, has average gross revenues that are not more than $55 million for the preceding five (5) years, and a very small business is an entity that, together with its affiliates, its controlling interests and the affiliates of its controlling interests, has average gross revenues that are not more than $20 million for the preceding five (5) years.[176] In frequency bands where licenses were subject to auction, the Commission notes that as a general matter, the number of winning bidders that qualify as small businesses at the close of an auction does not necessarily represent the number of small businesses currently in service. Further, the Commission does not generally track subsequent business size unless, in the context of assignments or transfers, unjust enrichment issues are implicated. Additionally, since the Commission does not collect data on the number of employees for licensees providing these services, at this time we are not able to estimate the number of licensees with active licenses that would qualify as small under the SBA's small business size standard.

24. *Direct Broadcast Satellite ("DBS") Service*. DBS service is a nationally distributed subscription service that delivers video and audio programming via satellite to a small parabolic "dish" antenna at the subscriber's location. DBS is included in the Wired Telecommunications Carriers industry which comprises establishments primarily engaged in operating and/or providing access to transmission facilities and infrastructure that they own and/or lease for the transmission of voice, data, text, sound, and video using wired telecommunications networks.[177] Transmission facilities may be based on a single technology or combination of technologies.[178] Establishments in this industry use the wired telecommunications network facilities that they operate to provide a variety of services, such as wired telephony services, including VoIP services, wired (cable) audio and video programming distribution; and wired broadband Internet services.[179] By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry.[180]

25. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small.[181] U.S. Census Bureau data for 2017 show that 3,054

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[174] *See* Federal Communications Commission, Economics and Analytics, Auctions, Auction 86: Broadband Radio Service, Summary, Reports, All Bidders, https://www.fcc.gov/sites/default/files/wireless/auctions/86/charts/86bidder.xls.

[175] Based on a FCC Universal Licensing System search on December 10, 2021, https://wireless2.fcc.gov/UlsApp/UlsSearch/searchAdvanced.jsp. Search parameters: Service Group = All, "Match only the following radio service(s)", Radio Service =BR; Authorization Type = All; Status = Active. We note that the number of active licenses does not equate to the number of licensees. A licensee can have one or more licenses.

[176] *See* 47 CFR § 27.1219(a).

[177] *See* U.S. Census Bureau, *2017 NAICS Definition, "517311 Wired Telecommunications Carriers,"* https://www.census.gov/naics/?input=517311&year=2017&details=517311.

[178] *Id.*

[179] *See id*. Included in this industry are: broadband Internet service providers (*e.g.*, cable, DSL); local telephone carriers (wired); cable television distribution services; long-distance telephone carriers (wired); closed-circuit television (CCTV) services; VoIP service providers, using own operated wired telecommunications infrastructure; direct-to-home satellite system (DTH) services; telecommunications carriers (wired); satellite television distribution systems; and multichannel multipoint distribution services (MMDS).

[180] *Id*.

[181] *See* 13 CFR § 121.201, NAICS Code 517311 (as of 10/1/22, NAICS Code 517111).

firms operated in this industry for the entire year.[182] Of this number, 2,964 firms operated with fewer than 250 employees.[183] Based on this data, the majority of firms in this industry can be considered small under the SBA small business size standard. According to Commission data however, only two entities provide DBS service - DIRECTV (owned by AT&T) and DISH Network, which require a great deal of capital for operation.[184] DIRECTV and DISH Network both exceed the SBA size standard for classification as a small business. Therefore, we must conclude based on internally developed Commission data, in general DBS service is provided only by large firms.

26. *Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing*. This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment.[185] Examples of products made by these establishments are: transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.[186] The SBA small business size standard for this industry classifies businesses having 1,250 employees or less as small.[187] U.S. Census Bureau data for 2017 show that there were 656 firms in this industry that operated for the entire year.[188] Of this number, 624 firms had fewer than 250 employees.[189] Thus, under the SBA size standard, the majority of firms in this industry can be considered small.

D. Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements for Small Entities

27. The proposed rule changes in the *Notice*, if adopted, will impose new or modified reporting, recordkeeping or other compliance obligations on certain small, as well as other, entities required to distribute EAS alerts to the public (i.e., "EAS Participants"), and entities that manufacture EAS equipment. The changes likely would require EAS participants to acquire and/or update software, or modify equipment. Specifically, the Commission's proposals could require development and installation in existing EAS equipment Text-to-Speech (TTS) functionalities, audio files, video files, text files and

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[182] *See* U.S. Census Bureau, *2017 Economic Census of the United States, Selected Sectors: Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 517311, https://data.census.gov/cedsci/table?y=2017&n=517311&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[183] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

[184] *See Annual Assessment of the Status of Competition in the Market for the Delivery of Video Programming, Eighteenth Report,* Table III.A.5, 32 FCC Rcd 568, 595 (Jan. 17, 2017).

[185] *See* U.S. Census Bureau, *2017 NAICS Definition, "334220 Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing,"* https://www.census.gov/naics/?input=334220&year=2017&details=334220.

[186] *Id*.

[187] *See* 13 CFR § 121.201, NAICS Code 334220.

[188] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 334220, https://data.census.gov/cedsci/table?y=2017&n=334220&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[189] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

additional memory capacity, displaying EAS messages in a secondary language when requested by an alert originator, using predefined and installed text, audio and video files, that likely would require EAS equipment manufacturers to develop software updates to implement such changes in deployed EAS equipment and EAS equipment in production. EAS Participants would have to acquire, and install such software updates in their EAS devices to enable the operational changes described above.

28. Without knowing precisely what changes would be required in EAS devices and potentially involved in interconnected transmission processing systems, it is difficult to estimate the total costs of implementing a template alert processing approach in EAS. However, based on the cost analyses discussed in the *Notice*, which expects the costs to implement a template-based alerting system model to be similar to the mandatory software updates costs discussed in the *Comprehensive Alerts Order*, the Commission estimates the total costs for implementing the template alert processing approach discussed in the *Notice* would be approximately $12 million.[190] This estimate assumes that template alert processing approach described above can be implemented via a regular software update patch that EAS Participants install in the normal course of business, and is based upon the costs of software installation, labor, and testing required to install the patch developed in the prior proceedings involving similar actions. The estimated $12 million cost includes five hours of software labor time industry-wide, which was multiplied by the 25,519 estimated broadcasters and cable head-ends, plus 2 DBS and 1 SDARS providers, resulting in 127,610 hours of software-related labor time.[191] The hourly wage was calculated using an average hourly wage of $60.07 for software and web developers, programmers, and testers,[192] and factoring in a 45% markup of hourly wage for benefits,[193] and a 5.5% inflation adjustment between 2022 and 2023,[194]

[190] *Amendment of Part 11 of the Commission's Rules Regarding Emergency Alert System*, PS Docket No. 15-94, Report and Order, 37 FCC Rcd 11867, para. 59 (2022) (*Comprehensible Alerts Order*).

[191] The figure 25,519 includes 21,380 broadcaster stations and 4,139 headends. With two direct broadcast satellite (DBS) providers and one satellite digital audio radio service (SDARS) provider, the total number of providers is 25,522. *See Communications Marketplace Report*, FCC 22-103, 2022 Communications Marketplace Report, at 128-29, paras. 186-87 (Dec. 30, 2022) (stating that Sirius XM is the only SDARS provider and DIRECTV and DISH Network are the only two DBS providers); *Broadcast Station Totals as of December 31, 2023*, Public Notice, DA 24-17 (rel. Jan. 8, 2024) (*December 2023 Broadcast Station Totals PN*), https://docs.fcc.gov/public/attachments/DA-24-17A1.pdf (stating that there were 33,428 broadcast stations in the United States as of Dec. 31, 2023, from which we subtract 12,048 FM translators and boosters, and VHF and UHF translators that do not originate programming, for a total number of affected broadcast stations of 21,392); S&P Global Market Intelligence, S&P Capital IQ Pro, U.S. MediaCensus, *Operator Subscribers by Geography* (last visited May 26, 2022) (stating that there were 4,139 cable headends in the United States). (Per staff estimates, there are 3,915 unique Physical System Identifiers representing the approximate number of headends in the FCC Cable Operations & Licensing System. *See* FCC, *Cable Operations & Licensing System (COALS) PSIDs and Carriage Election Notice (CEN) Contact*, https://fccprod.servicenowservices.com/coals?id=coals_search_psid (last visited Dec. 11, 2023). (Using the PSID figures, the estimated number of DBS providers, SDARS providers, broadcasters and cable head-ends is 25,295.) This approach is consistent with prior EAS rule change implemented via software updates. *See*, *e.g.*, *Comprehensible Alerts Order*, 32 FCC Rcd 11867-68, para. 60. *See also Amendment of Part 11 of the Commission's Rules Regarding Emergency Alert System*, PS Docket No. 15-94, Report and Order, 32 FCC Rcd 10812, 10824, para. 25 (2017) (*Blue Alerts Order*); *Amendment of Part 11 of the Commission's Rules Regarding Emergency Alert System*, PS Docket No. 15-94, Report and Order, 31 FCC Rcd 7915, 7924, para. 23 (2016) (*Weather Alerts Order*).

[192] Economic News Release, Bureau of Labor Statistics, National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2022, at https://www.bls.gov/news.release/ocwage.t01.htm.

[193] According to the Bureau of Labor Statistics, as of March 2023, civilian wages and salaries averaged $29.70/hour and benefits averaged $13.36/hour. Total compensation therefore averaged $29.70 + $13.36 = $43.07. See Press Release, Bureaus of Labor Statistics, Employer Costs for Employee Compensation – March 2023 (June 16, 2023), https://www.bls.gov/news.release/pdf/ecec.pdf. Using these figures, benefits constitute a markup of $13.36/$29.70 = 45%. We therefore markup wages by 45% to account for benefits.

resulting in an hourly wage of $91.89.[195] Based on the estimate of 5 hours labor time at a cost of $91.89 per hour (which we round up to $92 per hour), the total estimated labor cost for each EAS Participant to install a software patch that configures the template mechanism in the EAS device is $460, and the aggregate labor cost of approximately $12 million.[196] In addition to the costs accounted for in our estimate, the Commission is mindful that small and other entities may incur other costs to add memory capacity and/or firmware to EAS devices, for downstream transmission processing system changes that may be required, and costs associated with older EAS devices currently in use that may not be able to be updated, or modified to incorporate a template-based alert processing model. Thus, our cost estimate may need to be adjusted.

29. To help the Commission more fully evaluate the cost of compliance for small entities if we were to adopt the proposed rule changes in the *Notice*, the Commission requested comments on the cost implications and cost estimates to implement these proposals, and asked whether there are more efficient and less burdensome alternatives that might achieve the same results, including alternatives specific to smaller entities. At this time the Commission is not currently in a position to determine whether, if adopted, the proposed changes will require small entities to hire attorneys, engineers, consultants, or other professionals to comply. Since small entities have had to implement similar types of changes in prior proceedings, we do not foresee a compliance obligation for these entities to implement a template-based alert processing model will impose a significant burden. However, the Commission expects the information we receive in comments including cost and benefit analyses, to help us identify and evaluate relevant matters for small entities, including compliance costs and other burdens that may result if the changes discussed in the *Notice* involving implementation of a template-based alert processing model were adopted.

E. Steps Taken to Minimize the Significant Economic Impact on Small Entities, and Significant Alternatives Considered

30. The RFA requires an agency to describe any significant, specifically small business alternatives that it has considered in reaching its proposed approach, which may include the following four alternatives (among others): "(1) the establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance or reporting requirements under the rule for such small entities; (3) the use of performance, rather than design, standards; and (4) and exemption from coverage of the rule, or any part thereof, for such small entities."[197]

31. In the *Notice*, the Commission's proposals on implementing multilingual template-based alerts in EAS are designed to minimize economic impacts for small entities. The multilingual template approach would entail installing pre-scripted "template" text files in up to 13 non-English languages, and English, along with matching audio files (or possibly URL links to remotely stored audio files or streaming audio), depending upon the EAS Participant's programming content. EAS Participants would be required to transmit template alerts in the language of their programming content, thus, if the only programming content offered by the EAS Participant is in English, that EAS Participant would need only install the English language script and audio file for each template alert adopted; an EAS Participant that offered multiple channels of programming content that included channels carrying programming content

(Continued from previous page)

[194] *See* Federal Reserve Bank of St. Louis, *Average Hourly Earnings of All Employees, Total Private (CES0500000003]*, https://fred.stlouisfed.org/series/CES0500000003 (last visited Oct. 10, 2023) (*Inflation Adjustment*) (showing that according to Bureau of Labor Statistics data the average hourly private wage increased by 5.5% between May 2022 and August 2023).

[195] Note that $91.89 = $60.07 × 145% × 105.5%.

[196] 25,522 entities × 5 hours × $91.89/hour = $11,726,083, which we rounded to $12 million.

[197] 5 U.S.C. § 603(c)(1)-(4).

in, for example, English, Spanish, German and Creole would install the English, Spanish, German and Creole language scripts and audio files for each template alert adopted. The Commission expects that the operational, and EAS device changes required to implement the template system would entail installing a software update of the kind that is routinely installed by EAS Participants in the normal course of business, which is a another cost saving measure for small entities. The Commission also seeks comment on whether streaming template audio from an external source where the template messages would be produced by the Commission, would be a more efficient mechanism for generating the audio message. The template scripts and audio files would be produced by the Commission; small businesses would not be subject to the costs associated with translating the templates and instead would install pre-made templates via software update.

32. The Commission also sought comment on whether template alerts should be transmitted to the public consistent with the procedures in the ECIG Implementation Guide, and considered, if operationally and technically feasible, whether increasing the existing 2-minute limit for template alerts to accommodate multilingual alert combinations would be a sensible approach to facilitate multilingual alerting. Other template alert transmission alternatives considered by the Commission were: (1) whether to require small and other EAS Participants to transmit templates *only* in the language that corresponds to the language of the programming content of their channel(s), as a way of reducing the potential programming interruption; and (2) whether, where an EAS Participant's programming content is not in one of the proposed 13 non-English template languages, or English, the English language template script and audio should be transmitted on that channel.

33. Having data on the various issues the Commission has raised and requested comment on in the *Notice* relating to the technical feasibility, costs, benefits and the potential impact of any resulting EAS rule changes, particularly information specific to smaller entities, will assist with the Commission's evaluation of the economic impact on small entities, and help to determine if any rule changes are adopted, how to minimize any significant economic for small entities and identify any potential alternatives not already considered. The Commission expects to more fully consider the economic impact and alternatives for small entities following the review of comments and reply comments filed in response to the Notice. Moreover, the Commission's evaluation of the comments will shape the final alternatives it considers, the final conclusions it reaches, and the actions it ultimately takes in this proceeding to minimize any significant economic impact that may occur on small entities.

F. Federal Rules that May Duplicate, Overlap, or Conflict with the Proposed Rules

34. None.

STATEMENT OF
CHAIRWOMAN JESSICA ROSENWORCEL

Re: *Amendments to Part 11 of the Commission's Rules Regarding the Emergency Alert System*, PS Docket No. 15-94, Notice of Proposed Rulemaking (February 15, 2024)

When disaster strikes, emergency alerts can save lives. They provide information we need to stay calm, stay safe, and get the resources we require. But these alerts only work if we understand them. In the United States, over 26 million people have limited or no ability to speak English. That means we have to get creative and identify new ways to reach everyone in disaster.

This is what led us to extend the reach of the Wireless Emergency Alert system last year, when we updated it to ensure it can support 13 languages, including American Sign Language. We did this by requiring participating wireless providers to support templates based on a system that New York State Attorney General Letitia James brought to our attention following floods caused by Hurricane Ida—when nearly all those who lost their lives did not speak English. Today the Public Safety and Homeland Security Bureau will release draft templates and translations to keep this effort moving ahead.

Now we turn to another form of emergency alerts—those on radio and television. Here, too, we want to explore what we can do to make essential information available in multiple languages. So we propose to enhance our Emergency Alert System using the same type of template-based approach that we adopted for alerts over wireless phones. Developing multilingual templates would provide alert originators with the ability to send time-sensitive emergency information in more languages, making them more likely to reach more people. That is why we seek comment on how to do this in a way that corresponds with the language of the programming content.

I look forward to the record that develops. I know if we get creative we can update radio and television alerts just like we are doing with Wireless Emergency Alerts. I am convinced that if we do this right we can save more lives.

I would like to thank the staff responsible for this public safety initiative, including Debra Jordan, Nicole McGinnis, Austin Randazzo, Erika Olsen, Rochelle Cohen, David Munson, Zoe Li, Joshua Gehret, and Steven Carpenter from the Public Safety and Homeland Security Bureau; Emily Talaga, Aleks Yankelevich, and Cher Li from the Office of Economics and Analytics; Suzy Rosen Singleton, Diane Burstein, and William David Wallace from the Consumer and Governmental Affairs Bureau; Evan Baranoff from the Media Bureau; Ryan McDonald and Victoria Randazzo from the Enforcement Bureau; Chana Wilkerson and Joy Ragsdale from the Office of Communications Business Opportunities; and Douglas Klein, William Huber, Michele Ellison, and Anjali Singh from the Office of General Counsel.

STATEMENT OF
COMMISSIONER GEOFFREY STARKS

Re: *Amendment to Part 11 of the Commission's Rules Regarding the Emergency Alert System,* PS Docket No. 15-94, Notice of Proposed Rulemaking

Picture an emergency situation. A natural disaster, like a wildfire or a hurricane. A public threat, like an active shooter or a missing child. Or an urgent update regarding public services, like a water contamination threat. Now imagine if you didn't have any information about the situation. If you couldn't access reliable, official reports, and had to rely on word of mouth, or were totally in the dark. Panic, confusion, concern. That's the reality for too many Americans, who don't receive emergency alerts in their language.

We've tackled this issue for the Wireless Emergency Alert system. Last fall, we required participating commercial mobile service providers to make alerts available in the 13 most commonly spoken non-English languages, and in American Sign Language. Today's item naturally follows that important mandate. It begins the process of requiring the same for participants in our Emergency Alert System – radio and TV broadcasters and MVPDs.

This is vital work. As I said to the members of our Disability Advisory Committee a few weeks ago, by definition, in an emergency, time is of the essence. Alert recipients must be able to receive, understand, and act upon emergency alerts immediately. We cannot have large swaths of Americans – whether they are hearing-impaired, or non-English or non-Spanish speakers – getting left behind. I understand that this will be difficult. It may require substantial updates to participants' existing systems, but today we make a start.

I want to thank the Chairwoman for her commitment to accessible emergency alerts, and to the members of the Public Safety and Homeland Security Bureau and other Commission staffers who worked on this important item. It has my full support.

STATEMENT OF
COMMISSIONER ANNA M. GOMEZ

Re: *Amendment of Part 11 of the Commission's Rules Regarding the Emergency Alert System*; PS Docket No. 15-94, Notice of Proposed Rulemaking (Feb. 15, 2024).

When an emergency strikes, we rely on certain trusted entities to alert us and give us the most updated information to stay safe – cable services, and television and radio stations. In fact, often, it is an interruption of programming that alerts us to the emergency. But imagine not being able to understand the language in which the emergency information is being transmitted? That is the experience for millions of Americans that speak a language other than English as their primary language.

By adopting today's Notice of Proposed Rulemaking, we ask these trusted entities questions about the feasibility of incorporating emergency alerts in 13 of the most commonly spoken non-English languages in the United States. That means – TV stations, radio stations, cable programmers – we want to hear from you. Tell us about whether the proposals we have made in this rulemaking are possible. Your collaboration is critical to achieving the goal that every single person in our country has timely information to stay safe, in a language that they can understand.

Thank you to the Public Safety and Homeland Security Bureau for their important work on this item, which is a companion to the important multilingual wireless emergency alert order we adopted a few months ago. Thank you for your leadership ensuring all Americans are informed during emergencies. I approve this item.

DECLARACIÓN DE LA COMISIONADA ANNA M. GOMEZ

Re: *Amendment of Part 11 of the Commission's Rules Regarding the Emergency Alert System*; PS Docket No. 15-94, Notice of Proposed Rulemaking (Feb. 15, 2024).

Cuando ocurre una emergencia, nos apoyamos en ciertas entidades confiables que nos alertan y nos brindan la información más actualizada para mantenernos seguros: los servicios de cable y las estaciones de radio y televisión. De hecho, muchas veces ha sido la interrupción de transmisiones de su programación lo que nos ha alertado sobre alguna emergencia. ¿Pero se imagina no poder entender el idioma en el que se transmite la información de emergencia? Eso es lo que viven millones de estadounidenses cuya lengua materna no es el idioma inglés.

Al adoptar hoy este anuncio formal de propuesta de reglamentación (Notice of Proposed Rulemaking) hemos formulado preguntas, a dichas entidades confiables, respecto a la posibilidad de incorporar versiones de las alertas de emergencia en los trece idiomas más hablados en Estados Unidos, aparte del idioma inglés. Nos referimos a que queremos conocer la opinión de las estaciones de radio y televisión, y de las entidades programadoras de cable. Queremos que nos digan si las propuestas que hemos planteado en esta reglamentación son viables. Su colaboración es fundamental para lograr nuestro objetivo: que todas las personas en nuestro país reciban información oportuna, en un idioma que comprendan, para mantenerse a salvo.

Agradezco a la Oficina de Seguridad Pública y Seguridad Nacional por su importante colaboración en este tema, trabajo que se adjunta como parte integrante de la importante orden que adoptamos hace algunos meses en relación con las alertas de emergencia inalámbricas multilingües. Les agradezco su liderazgo en la tarea de asegurarnos que todos los estadounidenses estén informados en momentos de emergencia. Apruebo este ítem.

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Rules and Regulations Implementing the	)	CG Docket No. 02-278
Telephone Consumer Protection Act of 1991	)	

REPORT AND ORDER AND FURTHER NOTICE OF PROPOSED RULEMAKING

Adopted: February 15, 2024 **Released: February 16, 2024**

Comment Date: [30 days after publication in the Federal Register]
Reply Date: [45 days after publication in the Federal Register]

By the Commission: Chairwoman Rosenworcel and Commissioner Gomez issuing separate statements.

I. INTRODUCTION

1. The Telephone Consumer Protection Act (TCPA) restricts robocalls and robotexts, absent the prior express consent of the called party or a recognized exemption.[1] A consumer's right to revoke consent after deciding they no longer want robocalls or robotexts is essential to the right of consent. Over many years, the Commission has addressed consent and revocation. Here we take steps both to establish new consent protections and to make explicit those protections the Commission failed to codify in the past. More specifically, we strengthen consumers' ability to revoke consent so that it is simple and easy, codify previously adopted protections that make it simpler for consumers to revoke consent, and require that callers and texters implement requests in a timely manner.[2] We also seek comment on whether the TCPA applies to robocalls and robotexts from wireless providers to their own subscribers and seek comment on the ability to revoke consent and thereby stop these communications.

II. BACKGROUND

2. The TCPA prohibits initiating "any telephone call to any residential telephone line using an artificial or prerecorded voice to deliver a message without the prior express consent of the called party" unless a statutory exception applies or the call is "exempted by rule or order by the Commission under [section 227(b)(2)(B)]."[3] The TCPA also prohibits, without the prior express consent of the called

[1] Telephone Consumer Protection Act of 1991, Pub. L. No. 102-243, 105 Stat. 2394 (1991), *codified at* 47 U.S.C. § 227. The TCPA does not define prior express consent or otherwise provide guidance relating to how consumers may provide or revoke consent to receive robocalls. The TCPA excepts from this prohibition calls made for emergency purposes. The Commission has also exercised its statutory authority to adopt certain exemptions from this prohibition. *See* 47 CFR § 64.1200(a)(3), (9).

[2] As discussed in more detail below, the TCPA regulates any call made using an "automatic telephone dialing system" or an artificial or prerecorded voice. The Commission has confirmed that a text message sent using an autodialer is a "call" subject to the TCPA. Any such call is considered a "robocall" or "robotext" for purposes of this proceeding. *See* 47 U.S.C. § 227(b)(1). *See also Satterfield v. Simon & Schuster, Inc.*, 569 F.3d 946 (9th Cir. 2009) (noting that text messaging is a form of communication used primarily between telephones and is therefore consistent with the definition of a "call").

[3] 47 U.S.C. § 227(b)(1)(B). In the case of robocalls that introduce an advertisement or contain telemarketing, the Commission's rules require that the caller obtain the prior express *written* consent of the called party. *See* 47 CFR § 64.1200(a)(2), (3).

party, any non-emergency call made using an automatic telephone dialing system or an artificial or prerecorded voice to any telephone number "assigned to a paging service, cellular telephone service, specialized mobile radio service, or other radio common carrier service, or any service for which the called party is charged for the call" unless a statutory exception applies.[4]

3. *Consent to Calls from Wireless Carriers.* In 1992, the Commission concluded that wireless carriers need not obtain "additional consent" from their own subscribers prior to initiating autodialed or artificial or prerecorded voice calls to those subscribers.[5] In 2019, two petitioners sought a ruling that wireless subscribers can stop robocalls and robotexts from their wireless service provider by making a request to their service provider to halt these communications.[6]

4. *Opt-out Confirmation Texts.* In 2012, the Commission ruled that sending a one-time text message confirming a consumer's request that no further text messages be sent from that sender does not violate the TCPA if the confirmation text complies with certain limitations, including that it not contain any marketing.[7] In 2019, Capital One filed a petition requesting a declaratory ruling that, if a consumer who has consented to receive multiple types of informational messages from a sender then revokes consent, the sender should be able to clarify the scope of the revocation in a one-time message without violating the TCPA.[8] Capital One notes that it sends customers a variety of different categories of informational text messages, including fraud alerts, payment responses, low balance alerts, and overseas transaction alerts.[9]

5. *Revocation of Consent.* In 2015, the Commission clarified that consumers who have provided prior express consent to receive autodialed or prerecorded calls may revoke such consent through any reasonable means.[10] Citing prior Commission rulings and the "well-established common law right to revoke prior consent," the Commission concluded that the most reasonable interpretation of "prior

[4] *See* 47 U.S.C. § 227(b)(1)(A)(iii).

[5] *See Rules and Regulations Implementing the Telephone Consumer Protect Act of 1991*, CC Docket No. 92-90, Report and Order, 7 FCC Rcd 8752, 8774, para. 45 (1992) (*1992 TCPA Order*).

[6] *See Lucas Cranor Petition for Declaratory Ruling Requesting Order Granting That Consumers have the Right to Revoke Consent Under the Telephone Consumer Protection Act*, CG Docket No. 02-278 (filed Dec. 17, 2019) (arguing that "consumers have the right to revoke consent from receiving unwanted marketing text messages from their wireless providers at any time by any reasonable means; and that wireless providers must honor these revocation requests immediately") (*Cranor Petition*); *Petition of Paul Armbruster for Declaratory Ruling Or Alternatively A Rulemaking Regarding A Consumer's Absolute Right to Revoke Consent to Receive Unwanted Text Messages From Common Carriers*, CG Docket No. 02-278 (filed July 9, 2019) (requesting confirmation that a cellular phone customer can revoke consent to receive any and all unwanted text messages from their cell service provider) (*Armbruster Petition*).

[7] *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, *Soundbite Communications, Inc.*, CG Docket No. 02-278, Declaratory Ruling, 27 FCC Rcd 15391, 15394, para. 7 (2012) (*Soundbite Declaratory Ruling* or *Soundbite*).

[8] *See Capital One Services, LLC, Petition for Declaratory Ruling,* CG Docket Nos. 18-152 and 02-278 (filed Nov. 1, 2019) (arguing that, "if the sender of a lawful informational text message transmitted through an automatic telephone dialing system ('ATDS') receives a valid opt-out request from the recipient in response to that message, and that informational message was part of a program in which the recipient had previously enrolled that transmits several categories of informational messages, then, pursuant to the Commission's ruling in *Soundbite*, the sender may clarify in an opt-out confirmation message to the recipient the scope of the recipient's opt-out request without violating the [TCPA] or related Commission rules") (*Capital One Petition*).

[9] *Id*. at 4.

[10] *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, WC Docket No. 07-135, Declaratory Ruling and Order, 30 FCC Rcd 7961, 7993-99, paras. 55-70 (2015) (*2015 TCPA Declaratory Ruling*).

express consent" in light of the TCPA's consumer protection goals is "to permit a right of revocation."[11] In so doing, the Commission indicated that "to allow callers to designate the exclusive means of revocation would, at least in some circumstances, materially impair that right."[12] As a result, the Commission concluded that a consumer "may revoke his or her consent in any reasonable manner that clearly expresses his or her desire not to receive further calls, and that the consumer is not limited to using only a revocation method that the caller has established as one that it will accept."[13]

6. In 2016, Mobile Media Technologies (Mobile Media) filed a petition asking the Commission to clarify that the TCPA does not require a party transmitting a text message to create or make available to consumers a specific or particular method (such as bilateral text messaging, in which the consumer may revoke consent by replying "STOP") by which a consumer may revoke prior express consent to be texted.[14]

7. *TCPA Consent NPRM*. On June 9, 2023, the Commission released a Notice of Proposed Rulemaking[15] that proposed to amend our rules to: 1) strengthen the right of revocation by specifying reasonable methods to revoke while codifying the underlying right to revoke by any reasonable means;[16] 2) require that, within 24 hours of receipt, callers must honor company-specific do-not-call and revocation of consent requests for robocalls and robotexts that are subject to the TCPA; 3) codify the Commission's *Soundbite Declaratory Ruling* clarifying that a one-time text message confirming a consumer's request that no further text messages be sent does not violate the TCPA or the Commission's rules as long as the confirmation text merely confirms the called party's opt-out request and does not include any marketing or promotional information, and the text is the only additional message sent to the called party after receipt of the opt-out request;[17] and, 4) require wireless providers to honor their customers' requests to cease autodialed, prerecorded voice, and artificial voice calls, and autodialed texts.[18]

8. In general, commenters support the goal of providing consumers with the ability to revoke consent to robocalls and robotexts that they do not wish to receive in a timely manner by codifying

[11] *Id.* at 7994, 7997, paras. 57-58, 66 (citing *Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991; Junk Fax Prevention Act of 2005; Application for Review filed by Anda, Inc.; Petitions for Declaratory Ruling, Waiver, and/or Rulemaking Regarding the Commission's Opt-Out Requirement for Faxes Sent with the Recipient's Prior Express Permission*, CG Docket No. 02-278, 05-338, Order, 29 FCC Rcd 13998 (2014) (*Anda Order*); Restatement (Second) of Torts § 892A, cmt. i. (1979) ("consent is terminated when the actor knows or has reason to know that the other is no longer willing for him to continue the particular conduct")).

[12] *2015 TCPA Declaratory Ruling*, 30 FCC Rcd at 7997, para. 66.

[13] *Id.* at 7998-99, para. 70.

[14] *See Petition of Mobile Media Technologies for Declaratory Ruling or, In the Alternative Retroactive Waiver,* CG Docket No. 02-278, WC Docket No. 07-135 (filed April 5, 2016) (*Mobile Media Petition*).

[15] *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Notice of Proposed Rulemaking, FCC 23-49 (2023) (*TCPA Consent NPRM*).

[16] *Id.* at paras. 9-12. The Commission proposed to clarify that reasonable methods to revoke consent typically include revocation requests made by text message, voicemail, or email to any telephone number or email address at which the consumer can reasonably expect to reach the caller. As a result, when a consumer uses any such method to revoke consent, the Commission proposed that doing so creates a presumption that the consumer has revoked consent, absent evidence to the contrary.

[17] *Id*. at paras. 16-20. In addition, the Commission proposed to codify that senders can include a request for clarification in the one-time confirmation text, provided the sender ceases all further robocalls and robotexts absent an affirmative response from the consumer that they wish to receive further communications from the sender.

[18] *Id.* at paras. 21-26. To effectuate this change, the Commission proposed to alter our prior ruling to require wireless providers to subject such calls to certain conditions pursuant to an exemption that protects the privacy interests of subscribers.

those obligations into the Commission's rules.[19] Several commenters, however, take issue with the specific proposals set forth in the NPRM as discussed below.

III. DISCUSSION

9. In this Order, we clarify and strengthen consumers' rights under the TCPA to grant and revoke consent to receive robocalls and robotexts. Specifically, we adopt rules to: 1) make clearer that revocation of consent can be made in any reasonable manner; 2) require that callers honor do-not-call and consent revocation requests within a reasonable time not to exceed 10 business days of receipt; 3) limit text senders to a one-time text message confirming a consumer's request that no further text messages be sent, as well as confirming that any revocation of consent applies only to those robocalls and robotexts for which consent is required under the TCPA.

A. Revoking Consent in Any Reasonable Way

10. We strengthen consumers' right to revoke consent by any reasonable means by codifying the right and ensuring callers and texters do not unduly restrict it.[20] We believe this will make clearer to callers and consumers that a consumer has a right to revoke consent under the TCPA. Specifically, we codify a new rule that will make clear that consumers may revoke prior express consent for autodialed or prerecorded or artificial voice calls and autodialed texts in any reasonable manner that clearly expresses a desire not to receive further calls or text messages, and that callers may not infringe on that right by designating an exclusive means to revoke consent that precludes the use of any other reasonable method.

11. We agree with commenters who contend that further clarification as to the methods that are "reasonable" to revoke consent promotes the interests of both consumers and callers by ensuring that such requests are honored.[21] These commenters contend that ambiguous or overly broad interpretations of "reasonable methods" to revoke consent subject them to compliance burdens and potential liability.[22] We agree that further clarification is warranted to aid callers in complying with the obligation to process revocation requests made by consumers using any reasonable means. Specifically, we adopt a new rule that makes clear that any revocation request made using an automated, interactive voice or key press-activated opt-out mechanism on a robocall; via a response of "stop" or a similar, standard response message sent in reply to an incoming text message;[23] or submitted at a website or telephone number provided by the caller to process opt-out requests constitute examples of a reasonable means to revoke consent. If a called party uses any such method designated by the caller to revoke consent, we consider that consent to be definitively revoked by a reasonable means, and future robocalls and robotexts from that caller must be stopped. When the caller offers such a means to revoke consent, that caller cannot allege that the use of such a mechanism by the called party is unreasonable. Any such request made by these specific means constitutes absolute proof that the called party has used a reasonable means to revoke consent.

12. We agree that the Commission should adopt a standardized list of the specific words that may be used to revoke consent via a reply text message to ensure that automated systems can process such requests.[24] Specifically, we find that using the words "stop," "quit," "end," "revoke," "opt out,"

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[19] *See, e.g.*, Capital One Comments at 2; Cargo Comments at 7; NCLC et al. Comments at 1; PACE Comments at 3.

[20] *See 2015 TCPA Declaratory Ruling*, 30 FCC Rcd at 7993-99, paras. 55-70 (noting that, "because the TCPA does not speak directly to the issue of revocation, the Commission can provide a reasonable construction of its terms").

[21] *See, e.g.*, ABA Comments at 6; EEI Comments at 12 (requesting that the Commission further clarify what methods of revoking consent are reasonable); NTCA Comments at 1 (encouraging additional guidance); PACE Comments at 4-6.

[22] *See, e.g.*, GECU Comments at 1-2; UHG Comments 4; Vibes Comments at 5-6.

[23] *See infra* para. 12.

[24] *See, e.g.*, ABA Comments at 13; EEI Comments at 12; MEF Comments at 3; PACE Comments at 4; Vibes Comments at 6; ACA Reply Comments at 3.

"cancel," or "unsubscribe" via reply text message constitutes a *per se* reasonable means to revoke consent.[25] For purposes of revoking consent via a reply text message, the record confirms that both consumers and the industry commonly use these specific words to convey a reasonable and unambiguous intent to revoke consent.[26] In addition, the record suggests that callers can use automated means to process these words in order to honor revocation of consent requests.[27]

13. This does not preclude, however, the use of other words and phrases to revoke consent. If the reply text contains words or phrases other than those listed above, and should any dispute on this point arise, the text sender, who is responsible for processing the revocation request, will have an opportunity to explain why the consumer's use of alternative words or phrases does not constitute a reasonable means to revoke consent. In these situations, the Commission or the court as the finder of fact will conduct a totality-of-circumstances analysis to determine whether the request to revoke consent has been conveyed in a reasonable manner. Consistent with the *2015 TCPA Order*, when assessing whether any particular means of revocation used by a consumer is reasonable, the finder of fact will look to the totality of the facts and circumstances surrounding the specific situation, including, for example, whether the consumer had a reasonable expectation that they could effectively communicate their request for revocation to the caller in that circumstance, and whether the caller can implement the mechanisms to effectuate a requested revocation without incurring undue burdens.[28] We believe this approach balances the ability of consumers to easily stop unwanted text messages with the ability of text senders to reasonably process such requests.

14. Although we confirm that there is no mandate that texting parties transmitting an autodialed text message must provide consumers with any specific means to revoke consent, such as through the use of reply text messages, we caution that this is a reasonable and widely recognized means for text recipients to revoke prior consent to text messages.[29] There may be instances, however, where a text initiator chooses to use a texting protocol that does not allow reply texts.[30] We adopt a rule that, in those instances, requires the text initiator to: (1) provide a clear and conspicuous disclosure in each text to the consumer that two-way texting is not available due to technical limitations of the texting protocol; and (2) clearly and conspicuously provide reasonable alternative ways for a consumer to revoke consent, such as a telephone number, website link, or instructions to text a different number to revoke consent from further unwanted text messages.[31] We recognize that character limits on text messages necessitate that such disclosures will need to be succinct to avoid unduly infringing on the sender's ability to communicate using a text message.

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[25] Where a texter sends a consumer messages in a language other than English at the consumer's request and the consumer attempts revocation in that language using its equivalent of these words, the finder of fact may conclude the revocation attempt is reasonable under a totality of the circumstances analysis.

[26] The record confirms that these specific words are industry standards that are recognized by automated systems to process opt-out requests made via a reply text message. *See, e.g.* ABA Comments at 13; EEI Comments at 12; MEF Comments at 3; PACE Comments at 4; Vibes Comments at 6; ZipDX Comments 3.

[27] *See, e.g.*, ABA Comments at 13; EEI Comments at 12.

[28] *See 2015 TCPA Order*, 30 FCC Rcd at 7996, n.233.

[29] *See, e.g.*, CTIA, Messaging Principles and Best Practices 5.1.3 (May 2023), available at https://api.ctia.org/wpcontent/uploads/2023/05/230523-CTIA-Messaging-Principles-and-Best-Practices-FINAL.pdf.

[30] *See, e.g.*, *Mobile Media Petition*.

[31] The issues raised in the *Mobile Media Petition* are therefore addressed herein by confirming that the TCPA does not require a party transmitting a text message to create or make available to consumers a specific or particular method (such as bilateral text messaging) by which a consumer may revoke prior express consent. In addition, we further codify the sender's obligations when the text initiator chooses not to use a text protocol that allows for reply texts. As a result, we dismiss this petition as moot because we have essentially resolved any uncertainty or controversies raised in that petition pursuant to the rules adopted herein.

15. We disagree with commenters who argue that callers should be allowed to designate the specific means to permit consumers to revoke consent and that revocation requests must be directed only to those designated methods.[32] We therefore codify a prohibition to that end. In the *2015 TCPA Declaratory Ruling,* the Commission rejected an identical request, concluding that a "consumer may revoke his or her consent in any reasonable manner that clearly expresses his or her desire not to receive further calls, and that the consumer is not limited to using only a revocation method that the caller has established as one that it will accept."[33] Allowing callers to limit revocation requests only to the specific means that they have designated potentially places a significant obstacle in the way of consumers who no longer wish to receive such calls by limiting the methods available to revoke consent, which is inconsistent with the consumer privacy protections afforded under the TCPA.[34] In addition, the clarifications set forth herein ensure that consumers have the ability to easily exercise their right to revoke consent while providing callers with a reasonable opportunity to process such requests made in any reasonable way. For example, as discussed below, when the consumer chooses to use a method that has not been designated by the caller to process revocation requests, the caller will have an opportunity to prove why the method used is not reasonable.

16. We also codify that, when a consumer uses a method other than those discussed above to revoke consent, such as those made by voicemail or email to any telephone number or address at which the consumer can reasonably expect to reach the caller but which has not been designated by the caller as a method to revoke consent, doing so creates a rebuttable presumption that the consumer has revoked consent when the called party satisfies their obligation to produce evidence that such a request has been made, absent evidence to the contrary. We stress that, in the event of a dispute, the consumer must identify to the finder of fact the specific method and/or message used to convey their revocation of consent in order to avail themselves of this rebuttable presumption. As discussed above, in these instances when a consumer has demonstrated that they have made a revocation request, and the caller disputes that the revocation request has been made using a reasonable method, a totality of circumstances analysis will determine whether the caller can demonstrate that a request to revoke consent has not been conveyed in a reasonable manner.[35] We disagree with commenters who argue this approach is inconsistent with consumers' right to revoke by any reasonable means.[36] Our approach is a means to ascertain whether a consumer has used a reasonable method to revoke consent when the consumer has used a method of their own choosing rather than one established by the calling or texting entity.

17. Lastly, we note that section 64.1200(c)(2) requires that callers not make "telephone solicitations" to telephone numbers registered on the National Do-Not-Call Registry unless the caller has

[32] *See, e.g.* NTCA Comments at 2-3; SFCU Comments at 1; REACH Reply Comments at 4-5.

[33] *See 2015 TCPA Declaratory Ruling*, 30 FCC Rcd at 7996-99, paras. 64-70. Some parties argue that consumers and callers should be free to negotiate their own terms for revocation. *See, e.g.*, ABA Comments at 10; ACA Comments at 14. These parties do not, however, provide analysis about the intersection of the TCPA and contract law. Moreover, courts are well-equipped to apply the relevant body of contract law that may arise in TCPA litigation.

[34] *Id.* at 7997, para. 67. For example, if a caller receives a consumer's valid oral consent for certain messages but requires the consumer to fax his or her revocation to the caller, perhaps with additional conditions as to the content of such a revocation, such conditions materially diminish the consumer's ability to revoke by imposing additional burdens—especially if disclosure of such conditions is not clear and conspicuous, and not repeated to the consumer with each message.

[35] *See, e.g.*, ABA Comments at 13 (arguing that the use of "non-standard text" message such as "I do not want to receive any more texts" is not a reasonable means to revoke consent because it cannot be read by automated processes). We believe this addresses the concerns expressed by commenters that certain methods to request revocation of consent are unreasonable.

[36] *See* NCLC et al. Reply Comments at 5-8.

obtained the "prior express invitation or permission" of the called party, in writing.[37] At the request of one commenter, we take this opportunity to clarify and amend our rules to make clear that consumers who have given their "prior express invitation or permission" to individual sellers to call their telephone numbers on the National Do-Not-Call registry have the right to revoke consent by any reasonable means.[38] We agree that the Commission's precedent confirming the right of consumers to revoke consent to robocalls applies equally to this situation.

18. Our rules are consistent with the Commission's prior finding that placing significant burdens on the called party who no longer wishes to receive such calls or texts is inconsistent with the TCPA and with our finding that the TCPA requires "only that the called party clearly express his or her desire not to receive further calls" to invoke this right to revoke consent.[39]

B. Timeframe for Honoring a Do-Not-Call or Revocation Request

19. As proposed in the *TCPA Consent NPRM*, we require that callers honor company-specific do-not-call and revocation-of-consent requests for robocalls and robotexts that are subject to the TCPA within a specific timeframe. Specifically, we amend our rules to require that callers honor company-specific do-not-call and revocation-of-consent requests within a reasonable time from the date that the request is made, not to exceed 10 business days after receipt of the request.[40]

20. Consumers are understandably frustrated when they receive robocalls and robotext messages days or even weeks following a request to stop such communications. Such delays also undermine a consumer's right to determine which robocalls and robotexts they wish to receive under the privacy protections afforded by the TCPA. In addition, advances in technology over the years, including automated and interactive technologies, have made the processing of do-not-call and consent-revocation requests more efficient and timely than in the past.[41] As discussed in more detail below, we believe that such technological advances provide callers and senders of text messages with the tools they need to process all do-not-call and consent-revocation requests quickly, and certainly within 10 business days. We will monitor compliance with this obligation to ensure that such requests are honored in a timely manner and reserve the right to adjust this timeframe as necessary in the future as technologies continue to advance, and thereby further reduce the time necessary to process such requests after notice and comment.

21. We revise our proposed 24-hour timeframe in response to commenter concerns that the proposed 24-hour timeframe would not be feasible in many instances.[42] We are persuaded by the record, including comments from consumer organizations, that a longer timeframe is justified to ensure that entities, including smaller entities, have a reasonable opportunity to process do-not-call and revocation requests.[43] The timeframe we adopt is supported by several commenters and is consistent with the timeframe that has been in place for decades to process revocation requests concerning commercial e-mail

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[37] *See* 47 CFR § 64.1200(c)(2)(ii).

[38] *See* NCLC et al. Comments at 15.

[39] *See 2015 TCPA Declaratory Ruling*, 30 FCC Rcd at 7997, para. 67.

[40] We encourage callers to honor such requests as soon as practicable as a best practice.

[41] *See, e.g.*, Shields Comments at 1; PACE Comments at 7; Williams Comments at 1; ZipDX Comments at 5.

[42] *See, e.g.*, ABA Comments at 16 (requesting six business days to process revocation requests); ACA Comments at 16 (10 business days); EEI Comments at 15 (10 business days): NAMIC Comments at 3 (not to exceed 14 business days); NTCA et al. Comments at 5 (72 hours); PACE Comments at 7 (five business days): UHG Comments at 3 (14 days).

[43] *See, e.g.*, ACA Comments at 16 (noting that the CAN-SPAM rules allow 10 business days to honor revocation requests); NCLC et al. Reply Comments at 4 (recommending that the Commission allow a longer period for the first year after the regulation goes into effect—perhaps as long as 14 days, but then require that callers figure out how to adopt an implementation period of two business days after the revocation request is made).

under our CAN-SPAM rules.[44] We believe this outcome adequately balances the burdens on callers with the privacy protections afforded to consumers, with a "no longer than 10 business days" backstop to ensure that consumers have certainty about when they can expect unwanted communications to stop.

22. The Commission's rules currently provide no specific timeframe for honoring revocation-of-consent requests for robocalls and robotexts made to residential or wireless telephone numbers. The Commission's rules currently require callers making telemarketing calls or exempted artificial and prerecorded voice calls to residential telephone numbers and exempted package delivery calls and texts to wireless consumers to honor do-not-call requests within a reasonable time not to exceed 30 days from the date of any such request.[45] As a result, the timeframe adopted herein substantially reduces the maximum period allowed for honoring the revocation requests of consumers while allowing callers a reasonable opportunity to ensure that they can process requests made by any reasonable means. We emphasize that the availability of automated means to process revocation requests means that honoring such requests should be swift, especially as technology improves to make automation more simple and economical. We will continue to monitor these advances to ensure that consumers receive the full benefits of these technologies.

23. As proposed in the *TCPA Consent NPRM*, we also amend our rules for exempted package delivery calls to substantially reduce the 30-day timeframe to process such requests allowed in our current rules.[46] Specifically, we amend the exemption that allows package delivery notification robocalls and robotexts without consent to require that opt-out requests be honored within a reasonable time not to exceed six business days.[47] The record suggests that this timeframe is sufficient to ensure processing of revocation requests in this specific context.[48] No commenter argues for any other timeframe in this context or objects to this timeframe. As a result, we believe this will provide consumers with certainty that their requests are honored in a more timely manner while allowing package delivery companies a reasonable opportunity to process such requests.

C. Revocation Confirmation Text Message

1. Confirmation of Revocation Request

24. As proposed in the *TCPA Consent NPRM*, we codify the Commission's *Soundbite Declaratory Ruling* which clarified that a one-time text message confirming a consumer's request that no further text messages be sent does not violate the TCPA or the Commission's rules as long as the confirmation text merely confirms the called party's opt-out request and does not include any marketing or promotional information, and the text is the only additional message sent to the called party after receipt of the opt-out request.[49] Consistent with the *Soundbite Declaratory Ruling*, if the confirmation text is sent within five minutes of receipt, it will be presumed to fall within the consumer's prior express

[44] *See, e.g.*, ACA Comments at 16; EEI Comments at 15; REACH Reply Comments at 1; *see also* 47 CFR 64.3100(b)(1). In some instances, commenters suggested that revocation requests could be honored in even a shorter timeframe. *See* ABA Comments (six business days); NTCA Comments at 5 (three days); PACE Comments at 7 (five days).

[45] *See* 47 CFR § 64.1200(a)(9)(i), (d)(3).

[46] *See* 47 CFR § 64.1200(a)(9)(i)(F).

[47] *See* 47 CFR § 64.1200(a)(9)(i).

[48] *See, e.g.*, Cargo Comments at 6 (noting that many package delivery companies must coordinate their deliveries with vendors and suggesting that a six-business-day timeframe allows for a reasonable amount of time).

[49] *See Soundbite Declaratory Ruling*, 27 FCC Rcd at 15394-98, paras. 7-12 (noting that the sending of such confirmation text messages is a widespread practice that often benefits consumers).

consent.[50] If it takes longer, however, the sender will have to make a showing that such delay was reasonable, and the longer this delay, the more difficult it will be to demonstrate that such a message falls within the original prior consent.[51] In the *Soundbite Declaratory Ruling*, the Commission determined that "confirmation messages ultimately benefit and protect consumers by helping to ensure, via such confirmation, that the consumer who ostensibly opted out in fact no longer wishes to receive text messages from entities from whom the consumer previously expressed an affirmative desire to receive such messages."[52] We agree with numerous commenters that codifying this ruling will better ensure that both text senders and recipients are aware of this ruling, including the limitations on such one-time confirmation text messages.[53]

25. We also adopt our proposal to codify that senders can include a request for clarification in this one-time confirmation text, provided the sender ceases all further robocalls and robotexts absent an affirmative response from the consumer.[54] We limit this opportunity to request clarification to instances where the text recipient has consented to several categories of text messages from the text sender. Thus, this rule will give consumers an opportunity to specify which types of text messages they wish to no longer get, when the texter sends different types of messages. That request for clarification can seek confirmation that the consumer wishes to opt out of all categories of messages from the sender, provided the sender ceases all further robocalls and robotexts absent an affirmative response from the consumer that they do, in fact, wish to receive further communications from the sender. The lack of any response to the confirmation text must be treated by the sender as a revocation of consent for all robocalls and robotexts from the sender.[55]

26. We adopt this proposal in response to Capital One's petition seeking confirmation that the text sender may request clarification in its one-time confirmation message of the scope of the recipient's revocation request when that recipient has consented to receiving multiple categories of informational messages from the sender.[56] Banks and financial institutions support this request, indicating that consumers often consent to receive multiple categories of informational messages, such as

[50] *Id.* at 15397 at para. 11 (noting that the record in that proceeding reflects that such confirmation text messages can be sent within minutes of receipt of an opt-out request). As discussed above, we amend our rules to require that company-specific do-not-call and revocation-of-consent requests must be honored within a reasonable time and no more than 10 business days *after receipt* of the request. This timeframe begins upon receipt of the revocation request and not the sending of the confirmation text message. Thus, any delay in sending the confirmation text would not result in any additional time to honor revocation requests.

[51] We note that when compliance with a specific legal requirement prohibits the sending of a confirmation text message within five minutes that this constitutes a sufficient showing that any such delay is reasonable. Any such delay should not extend beyond the scope of the underlying prohibition on sending the text message. *See, e.g.*, Letter from Leah Dempsey et al., Counsel for ACA International to Marlene Dortch, Secretary, FCC, dated Feb. 7, 2024 at 8 (contending that statutes such as the Fair Debt Collection Practices Act restrict the ability of debt collectors to send messages during certain hours of the day) (ACA et al. *ex parte*).

[52] *Soundbite Declaratory Ruling*, 27 FCC Rcd at 15396, para. 10.

[53] *See, e.g.*, Ad Hoc Comments at 3; EEI Comments at 16; Illinois Credit Comments at 2; NCLC et al. Comments at 3; PACE Comments at 8; ZipDx Comments at 5.

[54] The issues raised in the *Capital One Petition* are therefore addressed herein by codifying that, if a consumer who has consented to receive multiple types of informational messages from a sender then revokes consent, the sender can inform the consumer of the scope of the revocation in a one-time message without violating the TCPA. As a result, we dismiss this petition as moot because we have essentially resolved any uncertainty or controversies raised in that petition pursuant to the rules adopted herein.

[55] We emphasize that our amended rules require that callers honor company-specific do-not-call and revocation-of-consent requests within a reasonable time and no more than 10 business days *after receipt* of the request. The timing of the confirmation text does not impact the obligation to honor the revocation within this timeframe.

[56] *See Capital One Petition* at 7.

fraud alerts, payment notices, and declined card transactions.[57] In these situations, opt-out requests can be ambiguous as to whether the request applies to all or just certain types of those messages.[58] Consumer groups have also expressed support for Capital One's request, provided that a lack of any response to the confirmation text message must be interpreted by the sender to mean that the consumer's revocation request was intended to encompass all categories of robocalls and robotexts and the sender must therefore cease all further robocalls and robotexts to that consumer absent further clarification from the consumer.[59]

27. Consistent with the *Soundbite Declaratory Ruling* and Capital One's request, we codify that any such clarification message must not contain any marketing or advertising content or seek to persuade the recipient to reconsider their opt-out decision.[60] Rather, this clarification is strictly limited to informing the recipient of the broad scope of the opt-out request absent some further confirmation from the consumer that they wish to continue receiving certain categories of text messages from the sender.

28. We emphasize that this confirmation text message is limited to a final *one-time* text message. In the absence of an affirmative response from the consumer that they wish to continue to receive certain categories of informational calls or text messages from the sender, no further robocalls or robotexts for which consent is required can be made to this consumer.[61] In addition, a "STOP" or similar text sent in response to the one-time request for confirmation does not then allow the text sender to send another request for further clarification. As noted above, both industry and consumer groups support this proposal.[62]

2. Scope of Consent Revocation

29. We clarify that any revocation of consent request applies only to those robocalls and robotexts for which consent is required under the TCPA. Once that consent is revoked, the caller may no longer make robocalls or send robotexts to a called party absent an exemption to the consent obligation. However, the Commission has granted exemptions from the consent requirement for certain categories of robocalls and robotexts.[63] In these situations, consent is not required for the caller to make or send certain exempted informational robocalls or robotexts. Instead, the caller is required to comply with specific conditions including number and frequency limits of such communications; the caller must also stop such communications only if the consumer makes a request to opt out of the exempted communications.

30. As a result, the rule that we codify here that requires callers to honor a revocation of consent request made by any reasonable means applies only to robocalls and robotexts that the called party has consented to receive and is separate from the ability of callers to make such informational communications pursuant to an exemption, which do not require consent. Therefore, in effect, when a consumer revokes consent with regard to *telemarketing* robocalls or robotexts, the caller can continue to reach the consumer pursuant to an exempted informational call, which does not require consent, unless and until the consumer separately expresses an intent to opt out of these exempted calls. Where the consumer has revoked consent in response to a telemarketing call or message, it remains unclear whether

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[57] For example, Capital One notes that, if it were to send a text message about a declined card transaction to which the recipient responded with "stop," it would be unclear whether the customer is requesting to opt out of all messages including payment due notices and suspected fraud alerts, or only card decline notices. *See Capital One Petition* at 3.

[58] *See, e.g.*, ACA Comments at 1-2; National Association of Federally-Insured Credit Unions at 1-2.

[59] *See* Consumer Reports Comments at 2; NCLC et al. Comments at 2.

[60] *Soundbite Declaratory Ruling*, 27 FCC Rcd at 15397, paras. 11-12; *Capital One Petition* at 2.

[61] Such consent does not necessarily have to be obtained in response to the confirmation text but can be obtained through other means that satisfy the obligations of the TCPA and Commission rules.

[62] *See*, *e.g.*, Ad Hoc Comments at 4; EEI Comments at 17; Illinois Credit Comments at 2; Capital One Reply Comments at 1-2.

[63] *See* 47 CFR § 64.1200(a)(3), (a)(9).

the consumer has expressed an intent to opt out of otherwise exempted informational calls absent some indication to the contrary.[64] We agree with financial institutions' concerns that consumers may inadvertently opt out of exempted informational calls or messages such as fraud alerts when attempting to stop unwanted telemarketing calls from their bank.[65] If the revocation request is made directly in response to an exempted informational call or text, however, this constitutes an opt-out request from the consumer and *all* further non-emergency robocalls and robotexts must stop. In these circumstances, there is no ambiguity that the consumer's intent is to no longer receive such exempted informational calls from the caller: the opt-out request is a communication from the consumer regarding the exempted informational calls and acts as a revocation of consent for all calls from the caller.

31. We disagree with commenters that argue the Commission should carve out specific subcategories of informational messages such as fraud alerts, identity theft, and breach notifications and force consumers to revoke consent to these specific categories of informational messages even when the caller chooses not to comply with the conditions of an underlying exemption for such informational messages.[66] We believe this would be burdensome to consumers and unnecessary given the ability of callers to comply with the conditions of an exemption to make such communications in the absence of having consent and the ability to send a confirmation text informing consumers of the scope of their revocation request affording them an opportunity to provide consent for any type of calls or messages that they wish to continue receiving from the caller.

32. Lastly, we take this opportunity to confirm that, when consent is revoked in any reasonable manner, that revocation extends to both robocalls and robotexts regardless of the medium used to communicate the revocation of consent.[67] For example, if the consumer revokes consent using a reply text message, then consent is deemed revoked not only to further robotexts but also robocalls from that caller. The TCPA requires that the caller obtain the prior express consent of the "called party."[68] The Commission has long held that the restriction encompasses both voice calls and texts.[69] Consent is granted from a consumer to a calling party to be contacted at a particular wireless phone number or residential line.[70] Revocation of consent, therefore, is an instruction that the caller no longer contact the consumer at that number. As a result, consent is specific to the called party and not the method of communication used to revoke consent. Thus, if a called party has revoked consent via any reasonable means, the caller no longer has consent to make further robocalls or robotexts to that called party absent instructions to the contrary from the consumer.

D. Legal Authority

33. We conclude that our legal authority for the rules adopted herein derives from section 227 of the Communications Act of 1934, as amended (the Act).[71] As discussed above, as the expert

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[64] For example, if the consumer makes clear in their response to a telemarketing call that they also do not wish to receive any informational calls from the caller.

[65] *See, e.g.*, Letter from Michael H. Pryor, Counsel to ACA et al. to Marlene H. Dortch, Secretary, FCC, CG Docket No. 02-278 (filed Sept. 18, 2023) at 2 (arguing that "it is critical that businesses not be compelled to apply a customer's revocation request to a broader category of messages than the customer intends").

[66] *See* ACA et al. *ex parte* at 6-7.

[67] *See* EEI Reply Comments at 7-8 (contending that, if a consumer revokes consent using a reply text, the revocation should only apply to text messages).

[68] *See* 47 U.S.C. § 227(b)(1)(A).

[69] *See, e.g., Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Report and Order, 18 FCC Rcd 14014, 14115, para. 165 (2003).

[70] *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Report and Order, 27 FCC Rcd at 1838, para. 20.

[71] *See* 47 U.S.C. § 227.

agency on the TCPA, the Commission has addressed issues relating to prior express consent by robocall consumers on numerous occasions.[72]

E. Effective Date and Compliance Date

34. This Order will become effective 30 days after publication in the Federal Register, except that the amendments to sections 64.1200(a)(9)(i)(F) and 64.1200(d)(3), 47 CFR § 64.1200(a)(9)(i)(F) and (d)(3), and new sections 64.1200(a)(10), and 64.1200(a)(11), 47 CFR § 64.1200(a)(10) and (a)(11), which may contain new or modified information collection requirements under the Paperwork Reduction Act (PRA), will not be effective until six months following review by Office of Management and Budget (OMB). We agree with several commenters that compliance with these rule changes necessitates an extended period of time to ensure that affected parties can take measures to implement these changes.[73] Therefore, based on our review of the record and these considerations, we believe the appropriate timeframe for implementation of these amended rules is six months following publication in the Federal Register of notice that OMB has completed any required review of the adopted rules.[74] The Commission will publish a notice in the Federal Register announcing the effective date for such rules and issue a Public Notice once that date has been established.

IV. FURTHER NOTICE OF PROPOSED RULEMAKING

A. Wireless Provider Exemption

35. We seek comment on whether the TCPA applies to robocalls and robotexts from wireless providers to their own subscribers and therefore such providers must have consent to make prerecorded voice, artificial voice, or autodialed calls or texts to their own subscribers. We seek comment on whether wireless providers satisfy any TCPA consent obligation pursuant to the unique nature of the relationship and service that they provide to their subscribers.[75] Specifically, we ask whether wireless providers require additional consent beyond that provided by the unique nature of this relationship with their subscribers to satisfy this requirement. To the extent that wireless providers have consent to robocall or robotext their own subscribers, we propose that wireless subscribers, as any other called party, be able to revoke such consent by communicating a revocation of consent request to their wireless provider and that such request must be honored. We seek comment on these issues as set forth in more detail below.[76]

36. In the *2023 TCPA Consent NPRM*, we proposed to require wireless providers to honor their customers' requests to cease robocalls and robotexts.[77] To effectuate this result, we proposed at that time to create and codify a qualified exemption—based on our authority under section 227(b)(2)(C)—for informational robocalls and robotexts from wireless providers to their subscribers, subject to certain conditions including honoring requests to opt out of such communications.[78] In response to requests for comments on this proposal, wireless providers suggest that the TCPA's prohibitions do not apply to

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[72] As noted, the TCPA does not define the term "prior express consent."

[73] *See, e.g.*, ABA Comments at 17 (should allow 18 months); ACA Comments (rules should become effective 18 months after publication in the Federal Register); EEI Comments at 17; UHG Comments (requesting 12 months after publication); NCLC et al. Reply Comments at 5 (arguing that a six-month compliance period is likely to result in more efficient implementation).

[74] We note that the implementation period will be longer than six months because of the additional time required for OMB to approve the information collections associated with the new rules. As a result, the actual timeframe before the rules adopted herein become effective will be consistent with the longer timeframes recommended by some commenters.

[75] *See* 47 U.S.C. § 227(b)(1).

[76] We note that this proposal differs from that contained in the *TCPA Consent NPRM*.

[77] *See TCPA Consent NPRM* at paras. 21-26.

[78] *Id*.

communications from wireless providers to their subscribers because there is no charge to the subscriber and they have a unique relationship with their subscribers.[79] In light of these arguments, we now revisit that proposal.

37. We now seek further comment on the argument that, pursuant to the *1992 TCPA Order* or statutory language, wireless providers are wholly excluded from the application of the TCPA's requirement to obtain consent before robocalling or robotexting their own subscribers because there is no charge imposed on the subscriber.[80] In 1992, the Commission concluded that wireless carriers need not obtain "additional consent" prior to initiating autodialed, artificial voice, or prerecorded voice calls to their own subscribers.[81] Although it stated that such robocalls could be made by wireless providers to their own subscribers without a charge, the Commission did not specify whether it intended to wholly exclude wireless providers from the statutory obligation to obtain consent based solely on the calls being free to the called party.[82] Moreover, shortly following this ruling Congress amended the TCPA to grant the Commission express statutory authority to exempt from the prior-express-consent requirement calls to wireless numbers *that are not charged to the called party* subject to such conditions as the Commission deems necessary to protect the privacy rights afforded under the TCPA.[83] Section 227(b)(2)(C)'s authority to grant exemptions from the prior-express-consent requirement is predicated on the ability of callers to make such calls with no charge to the consumer.[84] We believe Congress could not have meant the pre-amended TCPA to exempt free calls from the consent requirement because its amendment describes exactly how the Commission must go about that, including an analysis of each type of exempted call and an affirmative showing that such an exemption does not unduly harm consumer privacy.

38. Similarly, we are not persuaded that the pre-amended TCPA itself exempts robocalls to wireless subscribers for which there is no charge. The TCPA prohibits robocalls absent an emergency purpose or with the prior express consent of the called party "to any telephone number assigned to a paging service, cellular telephone service, specialized mobile radio service, or other radio common carrier service, or any service for which the called party is charged for the call."[85] As the Court of Appeals for the Eleventh Circuit explained in interpreting this provision: "[t]he rule of the last antecedent requires the phrase 'for which the called party is charged for the call,' [in section 227(b)(1)], 'to be applied to the words or phrase immediately preceding (i.e. "any service"), and not to be construed as extending to or

[79] *See, e.g.*, AT&T Comments at 1-6; CTIA Comments at 3-4; NLA Comments at 2-3; Verizon Comments at 1-7.

[80] *See, e.g.*, AT&T Comments at 1-2; CTIA Comments at 10; Verizon Comments at 14-17 ("The 1992 Commission correctly recognized that wireless carriers do not need to 'obtain additional consent' to communicate with their customers for free – the only consent required is that intrinsic to the relationship between common carriers and their customers.").

[81] *See 1992 TCPA Order*, 7 FCC Rcd at 8774, para. 45.

[82] The Commission has made reference to the *1992 TCPA Order's* ruling on wireless providers on other occasions without making changes to that ruling, but shed no further light on the underlying basis for that decision. For example, in 2020, the Commission was tasked with reviewing the exemptions granted under section 227(b)(2)(B) or (C) to ensure that they included certain conditions. In so doing, the Commission noted that, because the *1992 TCPA Order's* ruling on wireless providers was not taken pursuant to section 227(b)(2)(B) or (C), it did not fall within the scope of the 2020 undertaking. *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Report and Order, 35 FCC Rcd 15188 at 15204, para. 50 (2020).

[83] *See* Telephone Disclosure and Dispute Resolution Act, Pub. L. No. 102-556, 106 Stat 4181 (1992); 47 U.S.C. § 227(b)(2)(C).

[84] *See* 47 U.S.C. § 227(b)(2)(C). Specifically, section 227(b)(2)(C) provides that the Commission "may, by rule or order, exempt from the requirements of paragraph (1)(A)(iii) of this subsection calls to a telephone number assigned to a cellular telephone service *that are not charged to the called party*, subject to such conditions as the Commission may prescribe as necessary in the interest of the privacy rights this section is intended to protect" (emphasis added).

[85] *See* 47 U.S.C. § 227(b)(1).

including others more remote."[86] As the court concluded "[i]f the phrase 'any service for which the called party is charged for the call' requires that the party be charged per call for the 'paging service, cellular telephone service, specialized mobile radio service, or other radio common carrier service' in order for the party to prohibit autodialed calls, then the listing of these services would be superfluous because they are already included under the term 'any service for which the called party is charged.'"[87] Another federal circuit court decision has reached the same conclusion.[88]

39. This interpretation of the relevant statutory provision is consistent with the Commission's own treatment of robocalls to wireless numbers for which there is no charge to the called party. For example, the Commission has allowed certain specific categories of robocalls to wireless telephone numbers that can be made without a charge to the called party only when they have been granted an exemption from the TCPA's consent obligation.[89] We, therefore, seek comment on the contention that either the *1992 TCPA Order* or the TCPA itself wholly excludes wireless providers from the TCPA's consent requirement when communicating with their own subscribers solely because their calls and texts are free to their subscribers.[90] Rather, read in light of the subsequent statutory amendment, we believe the *1992 TCPA Order's* reference to the ability of wireless providers to communicate with their subscribers without imposing any charge on those subscribers is an example of the unique nature of the wireless provider and subscriber relationship that supported the Commission's conclusion that such providers need not obtain "additional consent" under the TCPA to robocall their own subscribers. We seek comment on this analysis.

40. Having proposed to confirm that wireless providers are subject to the TCPA when communicating with their subscribers, we seek comment on whether wireless providers have effectively obtained consent to make robocalls and send robotexts to their own subscribers by virtue of their unique relationship with their subscribers. Several wireless providers citing the *1992 TCPA Order* contend that an inherent unique relationship renders it unnecessary to obtain any additional form of consent to communicate with their own subscribers.[91]

41. Wireless providers are in a unique position to accurately obtain, track, and maintain records of their subscribers' activities, including prepaid subscribers, to ensure that they are sent critical, time-sensitive information to avoid inadvertently losing their wireless service or experiencing bill shock from overages or roaming fees.[92] The Commission has acknowledged the benefit of these communications and has encouraged wireless providers to send them to their wireless subscribers.[93] In

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[86] *See Osorio v. State Farm Bank, F.S.B.*, 746 F.3d 1242, 1257 (11th Cir. 2014) ("We therefore presume that Congress did not intend the phrase 'for which the called party is charged for the call' to apply to cellular telephone services").

[87] *Id*. at 1258.

[88] *See Susinno v. Work Out World Inc.*, 862 F.3d 346, 349 (3d Cir. 2017) ("If it were the case (as WOW suggests) that cell phone calls not charged to the recipient were not covered by the general prohibition, there would have been no need for Congress to grant the FCC discretion to exempt some of those calls.").

[89] *See, e.g.*, *Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Order, 29 FCC Rcd 3432, 3437-38, para. 19 (2014) (exempting package delivery calls to wireless consumers that are not charged to the called party).

[90] *See, e.g.*, CTIA Comments at 10; Verizon Comments at 7.

[91] *See, e.g.*, AT&T Comments at 1-2; CTIA Comments at 3; Verizon Comments at 1. *See also* NCLC Comments at 2 (suggesting that wireless providers have consent for these calls and texts by virtue of the contracts with their customers).

[92] *See, e.g.*, CTIA Comments at 2-4.

[93] *See, e.g.*, *Empowering Consumers to Avoid Bill Shock; Consumer Information and Disclosure*, CC Docket Nos. 09-158, 10-207, Notice of Proposed Rulemaking, 25 FCC Rcd 14625 (2010) (concluding that it would be beneficial (continued….)

some instances, the Commission's rules require these communications so that, for example, low-income consumers do not inadvertently lose benefits that make their service affordable.[94] The ability to provide such information is a unique function of the wireless provider and subscriber relationship that advances the interests of consumers by ensuring they are informed of any potential risk to the ongoing provision of their wireless service. As a result, we agree that wireless providers have a unique relationship that allows them to send critical information to their subscribers that their subscribers may welcome.[95] In addition, wireless providers are in a unique position in that they offer the specific service over which these communications are made, including the provision of the unique telephone number at which subscribers are contacted over that service. We seek comment on whether the nature of this unique relationship and service continues to render it unnecessary for wireless providers to obtain any additional consent from their subscribers, as the Commission concluded in the *1992 TCPA Order*. We seek comment on whether that view is incorrect, e.g., because the TCPA requires a more affirmative statement from a consumer that they consent to robocalls. Parties arguing for this conclusion should state whether such a view could upset the status quo such that millions of subscribers who may currently receive robocalls and robotexts they welcome from their providers would no longer be able to receive them unless they take steps to consent. And, if so, we seek comment on how we should proceed to avoid inadvertently disrupting the flow of information that wireless subscribers have come to expect or burdening wireless providers with the necessity of obtaining such consent from their existing subscribers.[96]

42. Should the Commission determine that wireless providers are required to obtain consent and have effectively obtained consent to make robocalls and send robotexts to their own subscribers by virtue of their unique relationship with their subscribers, we seek comment on whether this consent should extend to robocalls and robotexts that contain telemarketing or advertisements. In 2012, the Commission adopted rules requiring prior express consent to be obtained in writing for autodialed or prerecorded telemarketing calls to wireless numbers.[97] In so doing, however, the Commission has not extended this requirement to robocalls made by a wireless provider to their own subscribers.[98] As a result, we seek comment on whether we should revisit this issue to require prior express written consent to be obtained for any such robocall or robotext that contains telemarketing or advertising.

43. We seek comment on whether the right to revoke consent extends to wireless subscribers when they receive unwanted robocalls and robotexts from their wireless provider, just as it does to any robocalls or texts sent pursuant to the TCPA.[99] As a result, we seek comment on whether wireless providers must honor any revocation or opt-out requests from their own subscribers that are made through any reasonable means and at any time. We seek comment on whether, if we were to find wireless providers have consent based on having a unique relationship with their subscribers, we should codify a new rule to that effect that would make clear consumers also have a right to revoke consent to such

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for consumers to receive usage alerts from their wireless providers and proposing rules that would require wireless providers to provide usage alerts for overages and international or roaming charges).

[94] *See, e.g.*, NLA Comments at 2-3 (noting the Commission's rules that obligate providers to communicate with subscribers regarding de-enrollment in the Lifeline and ACP programs); Verizon Comments at 4-5.

[95] *See, e.g.*, AT&T Comments at 4-6; NLA Comments at 2-3; Verizon Comments at 4-6.

[96] In seeking comment on these issues, we do not intend to disturb current or past wireless provider practices regarding making robocalls and sending robotexts to their subscribers. We anticipate that any action the Commission may take in the future will be prospective and will not impact providers' current calling behavior.

[97] *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Report and Order, 27 FCC Rcd 1830, 1837, para. 20 (2012); 47 CFR § 64.1200(a)(2).

[98] *Id.* at 1840-41, para. 27.

[99] *See 2015 TCPA Declaratory Ruling*, 30 FCC Rcd at 7993-99, paras. 55-70 (confirming that consumers who have provided consent to receive autodialed or prerecorded calls may revoke such consent through any reasonable means).

communications. Although many of the messages sent by wireless providers to their own subscribers may be welcome and provide useful information, as wireless commenters suggest, we do not believe there is any reason to deprive wireless subscribers of the same right to exercise revocation of consent when they make an affirmative request not to receive such communications. In this circumstance, the subscriber has made clear that they do not wish to receive such further communications from their wireless provider regardless of the merits of the robocalls and robotexts that they receive.[100] The record in this matter confirms that at least some wireless subscribers do not wish to receive these communications from their wireless provider.[101]

44. We do not believe that any obligation to honor revocation requests is unduly burdensome to wireless providers. In fact, the record suggests that some wireless providers already honor opt-out requests on many communications to subscribers.[102] Other callers have implemented such measures for decades to comply with our rules. Nevertheless, we seek comment on ways to reduce any new burdens such a requirement might entail, including for smaller wireless providers. We seek comment on this proposal and any other issues commenters may wish to raise in this context, including any alternative proposals set forth in the *TCPA Consent NPRM* that would allow us to balance consumer privacy rights without unduly interfering with the ability of wireless providers to communicate critical information to their subscribers.

B. Expanding Opt-Out Requirements

45. We seek comment on NCLC's request that the Commission amend section 64.1200(b)(3) of our rules to require an automated opt-out mechanism on *every* call that contains an artificial or prerecorded voice.[103] NCLC argues that consumers "complain about the seemingly unstoppable" prerecorded non-marketing calls from entities such as medical professionals and, in NCLC's view, that would harmonize the treatment of such calls with those to residential lines.[104] We seek comment on this proposal, including whether such a change is necessary and what the compliance costs of such a change would be on callers including any alternatives that would minimize compliance burdens on smaller entities. [105]

V. PROCEDURAL MATTERS

46. *Paperwork Reduction Act*. This document may contain new or modified information collection requirements subject to PRA, Public Law 104-13. All such new or modified information collection requirements will be submitted to OMB for review under § 3507(d) of the PRA. OMB, the general public, and other Federal agencies will be invited to comment on any new or modified information collection requirements contained in this proceeding. In addition, we note that pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107-198, *see* 44 U.S.C. § 3506(c)(4), we previously sought specific comment on how the Commission might further reduce the information

[100] As discussed above, wireless providers will have the opportunity to send one last confirmation text to their subscriber informing the recipient of the scope of the opt-out request absent some further confirmation from the consumer that they wish to continue receiving certain categories of text messages from the sender. This will provide subscribers an opportunity to make clear whether they wish to receive certain types of robocalls and robotexts from their provider.

[101] *See, e.g.*, Williams Comments ("[u]nwanted communication is unwanted communication, no matter the source"); *Armbruster Petition*; *Cranor Petition*.

[102] *See* Verizon Comments at 10.

[103] *See* Letter from Margot Saunders, Senior Counsel, NCLC, to Marlene H. Dortch, Secretary, FCC, filed in CG Docket 02-278 (dated Feb. 5, 2024) [emphasis added]; NCLC et al. Reply Comments at 3.

[104] *See id*.

[105] Our current rules mandate the use of automated, interactive opt-out mechanisms only in certain specific instances. *See* 47 CFR § 64.1200(a)(9), (b)(3).

collection burden for small business concerns with fewer than 25 employees, and we received no comments.

47. In this present document, we have assessed the effects of the rules adopted herein that may impose collection burdens on small business concerns to implement measures to process revocation of consent requests to robocall or robotext consumers. We find that, to the extent these requirements constitute an information collection, such collection will not present a substantial burden for small business concerns with fewer than 25 employees and that any such burdens are outweighed by the benefits to consumers in affording them protections from unwanted calls and text messages.

48. *Regulatory Flexibility Act.* The Regulatory Flexibility Act of 1980, as amended, (RFA),[106] requires that an agency prepare a regulatory flexibility analysis for notice and comment rulemakings, unless the agency certifies that "the rule will not, if promulgated, have a significant economic impact on a substantial number of small entities."[107] Accordingly, we have prepared a Final Regulatory Flexibility Analysis (FRFA) concerning the possible impact of the rule changes contained in this *Order* on small entities. The FRFA is set forth in Appendix B.

49. We have also prepared an Initial Regulatory Flexibility Analysis (IRFA) concerning the potential impact of the rule and policy changes contained in the *Further Notice of Proposed Rulemaking*. The IRFA is set forth in Appendix C. Written public comments are requested on the IRFA. Comments must be filed by the deadlines for comments on the *Further Notice of Proposed Rulemaking* indicated on the first page of this document and must have a separate and distinct heading designating them as responses to the IRFA.

50. *Congressional Review Act*. The Commission has determined, and the Administrator of the Office of Information and Regulatory Affairs, OMB concurs, that these rules are "non-major" under the Congressional Review Act, 5 U.S.C. § 804(2). The Commission will send a copy of this *Report and Order* to Congress and the Government Accountability Office pursuant to 5 U.S.C. § 801(a)(1)(A).

51. *Ex Parte Rules*. The proceeding shall be treated as a "permit-but-disclose" proceeding in accordance with the Commission's ex parte rules.[108] Persons making ex parte presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral ex parte presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the ex parte presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's written comments, memoranda or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during ex parte meetings are deemed to be written ex parte presentations and must be filed consistent with section 1.1206(b) of the Commission's rules. In proceedings governed by section 1.49(f) of the Commission's rules or for which the Commission has made available a method of electronic filing, written ex parte presentations and memoranda summarizing oral ex parte presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that

[106] 5 U.S.C. §§ 601-612. The RFA has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[107] 5 U.S.C. § 605(b).

[108] 47 CFR §§ 1.1200 *et seq*.

proceeding, and must be filed in their native format (e.g., .doc, .xml, .ppt, searchable .pdf). Participants in this proceeding should familiarize themselves with the Commission's ex parte rules.[109]

52. *Filing of Comments and Reply Comments*. Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments and reply comments on or before the dates indicated on the first page of this document. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS). *See* Electronic Filing of Documents in Rulemaking Proceedings, 63 FR 24121 (1998).

- Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS: www.fcc.gov/ecfs.
- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing.
- Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701. U.S. Postal Service first class, Express, and Priority mail must be addressed to 45 L Street NE, Washington, D.C. 20554.
- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. *See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, 35 FCC Rcd 2788 (OMD 2020).

53. *People with Disabilities*. To request materials in accessible formats for people with disabilities (Braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer and Governmental Affairs Bureau at 202-418-0530 (voice).

54. *Availability of Documents.* This Order will be available via ECFS. Documents will be available electronically in ASCII, Microsoft Word, and/or Adobe Acrobat. These documents will also be available for public inspection during regular business hours in the FCC Reference Center, Federal Communications Commission, 45 L Street NE, Washington, D.C. 20554.

55. *Additional Information.* For additional information on this proceeding, contact Richard D. Smith, Richard.Smith@fcc.gov or (717) 338-2797, Consumer and Governmental Affairs Bureau, Consumer Policy Division.

VI. ORDERING CLAUSES

56. Accordingly, **IT IS ORDERED**, pursuant to section 227 of the Communications Act of 1934, as amended, 47 U.S.C. §227, that this *Report and Order and Further Notice of Proposed Rulemaking* is hereby **ADOPTED**, and that Part 64 of the Commission's rules, 47 CFR Part 64, is amended as set forth in Appendix A.

57. **IT IS FURTHER ORDERED** that this *Report and Order* **SHALL BE EFFECTIVE** 30 days after publication in the Federal Register, except that the amendments to sections 64.1200(a)(9)(i)(F) and 64.1200(d)(3), and new sections 64.1200(a)(10), and 64.1200(a)(11), 47 CFR § 64.1200(a)(9)(i)(F), (a)(10), (a)(11), and (d)(3), which may contain new or modified information collection requirements, will not be required until six months after OMB completes review of any information collection requirements that the Consumer and Governmental Affairs Bureau determines is required under the Paperwork

[109] 47 CFR § 1.49(f).

Reduction Act. The Commission directs the Consumer and Governmental Affairs Bureau to announce compliance dates by publication in the Federal Register and by subsequent Public Notice.

58. **IT IS FURTHER ORDERED** that the Petition for Declaratory Ruling filed by Capital One Services in CG Docket No. 02-278 on November 1, 2019, **IS DISMISSED.**

59. **IT IS FURTHER ORDERED** that the Petition for Declaratory Ruling filed by Mobile Media Technologies in CG Docket No. 02-278 on April 5, 2016, **IS DISMISSED.**

60. **IT IS FURTHER ORDERED** that the Commission **SHALL SEND** a copy of this *Order* to Congress and to the Governmental Accountability Office pursuant to the Congressional Review Act, see 5 U.S.C. § 801(a)(1)(A).

61. **IT IS FURTHER ORDERED** that the Commission's Office of Secretary **SHALL SEND** a copy of this *Report and Order and Further Notice of Proposed Rulemaking*, including the Initial and Final Regulatory Flexibility Analyses, to the Chief Counsel for Advocacy of the Small Business Administration.

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

APPENDIX A

Final Rules

For the reasons discussed above, the Federal Communications Commission amends 47 CFR part 64 as follows:

PART 64 – MISCELLANEOUS RULES RELATING TO COMMON CARRIERS

1. The authority citation for part 64 continues to read as follows:

Authority: 47 U.S.C. 151, 152, 154, 201, 202, 217, 218, 220, 222, 225, 226, 227, 227b, 228, 251(a), 251(e), 254(k), 255, 262, 276, 301, 316, 345, 403(b)(2)(B), (c), 616, 620, 716, 1401-1473, unless otherwise noted; Div. P, Pub. L. 115-141, 132 Stat. 348, 1091; sec. 5, Pub. L. 117-223, 136 Stat 2280, 2285-88 (47 U.S.C 345 note).

2. Section 64.1200 is amended by revising paragraph (a)(9)(i)(F), adding paragraphs (a)(10) through (12) and revising paragraph (d)(3) to read as follows:

Subpart L – Restrictions on Telemarketing, Telephone Solicitation, and Facsimile Advertising

§ 64.1200 Delivery Restrictions.

(a) * * *

(9) * * *

(i) * * *

(F) The package delivery company must offer package recipients the ability to opt out of receiving future delivery notification calls and messages and must honor an opt-out request within a reasonable time from the date such request is made, not to exceed six business days; and,

* * * * *

(10) A called party may revoke prior express consent, including prior express written consent, to receive calls or text messages made pursuant to paragraphs (a)(1) through (3) and (c)(2) of this section by using any reasonable method to clearly express a desire not to receive further calls or text messages from the caller or sender. Any revocation request made using an automated, interactive voice or key press-activated opt-out mechanism on a call; using the words "stop," "quit," "end," "revoke," "opt out," "cancel," or "unsubscribe" sent in reply to an incoming text message; or pursuant to a website or telephone number designated by the caller to process opt-out requests constitutes a reasonable means per se to revoke consent. If a called party uses any such method to revoke consent, that consent is considered definitively revoked and the caller may not send additional robocalls and robotexts. If a reply to an incoming text message uses words other than "stop," "quit," "end," "revoke," "opt out," "cancel," or "unsubscribe," the caller must treat that reply text as a valid revocation request if a reasonable person would understand those words to have conveyed a request to revoke consent. Should the text initiator choose to use a texting protocol that does not allow reply texts, it must provide a clear and conspicuous disclosure on each text to the consumer that two-way texting is not available due to technical limitations of the texting protocol, and clearly and conspicuously provide on each text reasonable alternative ways to revoke consent. All requests to revoke prior express consent or prior express written consent

made in any reasonable manner must be honored within a reasonable time not to exceed ten business days from receipt of such request. Callers or senders of text messages covered by paragraphs (a)(1) through (3) and (c)(2) of this section may not designate an exclusive means to request revocation of consent.

(11) The use of any other means to revoke consent not listed in paragraph (a)(10), such as a voicemail or email to any telephone number or email address intended to reach the caller, creates a rebuttable presumption that the consumer has revoked consent when the called party satisfies their obligation to produce evidence that such a request has been made, absent evidence to the contrary. In those circumstances, a totality of circumstances analysis will determine whether the caller can demonstrate that a request to revoke consent has not been conveyed in a reasonable manner.

(12) A one-time text message confirming a request to revoke consent from receiving any further calls or text messages does not violate paragraphs (a)(1) through (2) of this section as long as the confirmation text merely confirms the text recipient's revocation request and does not include any marketing or promotional information, and is the only additional message sent to the called party after receipt of the revocation request. If the confirmation text is sent within five minutes of receipt, it will be presumed to fall within the consumer's prior express consent. If it takes longer, however, the sender will have to make a showing that such delay was reasonable. To the extent that the text recipient has consented to several categories of text messages from the text sender, the confirmation message may request clarification as to whether the revocation request was meant to encompass all such messages; the sender must cease all further texts for which consent is required absent further clarification that the recipient wishes to continue to receive certain text messages.

* * * * *

(d) * * *

(3) *Recording, disclosure of do-not-call requests*. If a person or entity making an artificial or prerecorded-voice telephone call pursuant to an exemption under § 64.1200(a)(3)(ii) through (v) or any call for telemarketing purposes (or on whose behalf such a call is made) receives a request from a residential telephone subscriber not to receive calls from that person or entity, the person or entity must record the request and place the subscriber's name, if provided, and telephone number on the do-not-call list at the time the request is made. Persons or entities making such calls (or on whose behalf such calls are made) must honor a residential subscriber's do-not-call request within a reasonable time from the date such request is made. This period may not exceed ten (10) business days from the receipt of such request. If such requests are recorded or maintained by a party other than the person or entity on whose behalf the call is made, the person or entity on whose behalf the call is made will be liable for any failures to honor the do-not-call request. A person or entity making an artificial or prerecorded-voice telephone call pursuant to an exemption under § 64.1200(a)(3)(ii) through (v) or any call for telemarketing purposes must obtain a consumer's prior express permission to share or forward the consumer's request not to be called to a party other than the person or entity on whose behalf a call is made or an affiliated entity.

* * * * *

APPENDIX B

Final Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA),[1] an Initial Regulatory Flexibility Analysis (IRFA) was incorporated into the *Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, Notice of Proposed Rulemaking, released in June 2023 (*TCPA Consent NPRM*).[2] The Federal Communications Commission (Commission) sought written public comment on the proposals in the *TCPA Consent NPRM*, including comment on the IRFA. The comments received are discussed below in Section B. This Final Regulatory Flexibility Analysis (FRFA) conforms to the RFA.[3]

A. Need for, and Objectives of, the Order

2. The *Order* clarifies and strengthens the right of consumers to grant or revoke consent to receive robocalls and robotexts under the Telephone Consumer Protection Act of 1991 (TCPA).[4] Under the TCPA, certain types of calls and texts may only be sent with the prior express consent of the called party.[5] The ability of consumers to exercise this right to provide or revoke consent is essential to protecting the privacy rights of consumers by allowing them to decide which callers may communicate with them via robocalls and robotexts.

3. In addition, the *Order* codifies prior Commission rulings and adopts new requirements to ensure that the requirements relating to providing or revoking consent under the TCPA are clear to both callers and consumers. Specifically, the *Order* makes clear that consumers may revoke prior express consent in any reasonable manner that clearly expresses a desire not to receive further calls or text messages, including using an automated, interactive voice or key press-activated opt-out mechanism on a call, using the words "stop," "quit," "end," "revoke," "opt out," "cancel," or "unsubscribe" sent in reply to an incoming text message, or pursuant to a website designated by the caller to process opt-out requests. These approaches constitute a reasonable means to revoke consent and that callers may not infringe on that right by designating an exclusive means to revoke consent that precludes the use of any other reasonable method.

4. The *Order* also requires that callers honor do-not-call and revocation requests in a reasonable time not to exceed ten business days of receipt. Further, the *Order* reiterates that consumers only need to revoke consent once to stop getting all calls and texts from a specific entity. It also codifies that a one-time text message confirming a consumer's request that no further text messages be sent does not violate the TCPA or the Commission's rules as long as the confirmation text merely confirms the called party's opt-out request, does not include any marketing or promotional information, and the text is the only additional message sent to the called party after receipt of the opt-out request.[6]

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[1] 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612, was amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. 104-121, Title II, 110 Stat. 857 (1996).

[2] *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Notice of Proposed Rulemaking, FCC 23-49, Appx. B (June 9, 2023) (*TCPA Consent NPRM*).

[3] 5 U.S.C. § 604.

[4] *TCPA Consent NPRM* at paras. 9-26; *see also* Pallone-Thune Telephone Robocall Abuse Criminal Enforcement and Deterrence Act, Pub. L. No. 116-105, 133 Stat. 3274 (2019) (TRACED Act); TRACED Act § 8; Telephone Consumer Protection Act of 1991, Pub. L. No. 102-243, 105 Stat. 2394 (1991) (codified at 47 U.S.C. § 227) (TCPA).

[5] 47 U.S.C. § 227(b).

[6] *See Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991, Soundbite Communications, Inc.*, CG Docket No. 02-278, Declaratory Ruling, 27 FCC Rcd at 15391, paras. 7-12 (2012).

B. Summary of Significant Issues Raised by Public Comments in Response to the IRFA

5. There were no comments filed that specifically addressed the rules and policies proposed in the IRFA. Several commenter did, however, make reference to the potential compliance burdens including the impact on small businesses. Commenters contend that compliance with an obligation to honor revocation of consent requests within 24-hours would be burdensome for small entities.[7] We address these concerns below in section F.

C. Response to Comments by the Chief Counsel for Advocacy of the Small Business Administration

6. Pursuant to the Small Business Jobs Act of 2010, which amended the RFA, the Commission is required to respond to any comments filed by the Chief Counsel for Advocacy of the Small Business Administration (SBA), and to provide a detailed statement of any change made to the proposed rules as a result of those comments.[8] The Chief Counsel did not file any comments in response to the proposed rules in this proceeding.

D. Description and Estimate of the Number of Small Entities to Which the Rules Will Apply

7. The RFA directs agencies to provide a description of and, where feasible, an estimate of the number of small entities that may be affected by the rules adopted herein.[9] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction."[10] In addition, the term "small business" has the same meaning as the term "small-business concern" under the Small Business Act.[11] A "small-business concern" is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[12]

8. *Small Businesses, Small Organizations, Small Governmental Jurisdictions.* Our actions, over time, may affect small entities that are not easily categorized at present. We, therefore describe at the outset, three broad groups of small entities that could be directly affected herein.[13] First, while there are industry specific size standards for small businesses that are used in the regulatory flexibility analysis, according to data from the Small Business Administration's (SBA) Office of Advocacy, in general a small business is an independent business having fewer than 500 employees.[14] These types of small businesses represent 99.9% of all businesses in the United States, which translates to 33.2 million businesses.[15]

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[7] *See* Illinois Credit Comments at 2; MEF Comments at 6; NAMIC Comments at 2-3; EEI Reply Comments at 6.

[8] 5 U.S.C. § 604(a)(3).

[9] *Id*. § 604(a)(4).

[10] *Id*. § 601(6).

[11] *Id*. § 601(3) (incorporating by reference the definition of "small-business concern" in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register."

[12] 15 U.S.C. § 632.

[13] 5 U.S.C. § 601(3)-(6).

[14] *See* SBA, Office of Advocacy, "What's New With Small Business?," https://advocacy.sba.gov/wp-content/uploads/2023/03/Whats-New-Infographic-March-2023-508c.pdf (Mar. 2023).

[15] *Id*.

9. Next, the type of small entity described as a "small organization" is generally "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field."[16] The Internal Revenue Service (IRS) uses a revenue benchmark of $50,000 or less to delineate its annual electronic filing requirements for small exempt organizations.[17] Nationwide, for tax year 2020, there were approximately 447,689 small exempt organizations in the U.S. reporting revenues of $50,000 or less according to the registration and tax data for exempt organizations available from the IRS.[18]

10. Finally, the small entity described as a "small governmental jurisdiction" is defined generally as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand."[19] U.S. Census Bureau data from the 2017 Census of Governments[20] indicate there were 90,075 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States.[21] Of this number, there were 36,931 general purpose governments (county,[22] municipal, and town or township[23]) with populations of less than 50,000 and 12,040 special purpose governments—independent school districts[24] with enrollment

[16] *See* 5 U.S.C. § 601(4).

[17] The IRS benchmark is similar to the population of less than 50,000 benchmark in 5 U.S.C § 601(5) that is used to define a small governmental jurisdiction. Therefore, the IRS benchmark has been used to estimate the number of small organizations in this small entity description. S*ee* Annual Electronic Filing Requirement for Small Exempt Organizations – Form 990-N (e-Postcard), "Who must file," https://www.irs.gov/charities-non-profits/annual-electronic-filing-requirement-for-small-exempt-organizations-form-990-n-e-postcard. We note that the IRS data does not provide information on whether a small exempt organization is independently owned and operated or dominant in its field.

[18] *See* Exempt Organizations Business Master File Extract (EO BMF), "CSV Files by Region," https://www.irs.gov/charities-non-profits/exempt-organizations-business-master-file-extract-eo-bmf. The IRS Exempt Organization Business Master File (EO BMF) Extract provides information on all registered tax-exempt/non-profit organizations. The data utilized for purposes of this description was extracted from the IRS EO BMF data for businesses for the tax year 2020 with revenue less than or equal to $50,000 for Region 1-Northeast Area (58,577), Region 2-Mid-Atlantic and Great Lakes Areas (175,272), and Region 3-Gulf Coast and Pacific Coast Areas (213,840) that includes the continental U.S., Alaska, and Hawaii. This data does not include information for Puerto Rico.

[19] *See* 5 U.S.C. § 601(5).

[20] *See* 13 U.S.C. § 161. The Census of Governments survey is conducted every five (5) years compiling data for years ending with "2" and "7". *See also* Census of Governments, https://www.census.gov/programs-surveys/cog/about.html.

[21] *See* U.S. Census Bureau, 2017 Census of Governments – Organization Table 2. Local Governments by Type and State: 2017 [CG1700ORG02], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. Local governmental jurisdictions are made up of general purpose governments (county, municipal and town or township) and special purpose governments (special districts and independent school districts). *See also* tbl.2. CG1700ORG02 Table Notes_Local Governments by Type and State_2017.

[22] *See id.* at tbl.5. County Governments by Population-Size Group and State: 2017 [CG1700ORG05], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 2,105 county governments with populations less than 50,000. This category does not include subcounty (municipal and township) governments.

[23] *See id.* at tbl.6. Subcounty General-Purpose Governments by Population-Size Group and State: 2017 [CG1700ORG06], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 18,729 municipal and 16,097 town and township governments with populations less than 50,000.

[24] *See id.* at tbl.10. Elementary and Secondary School Systems by Enrollment-Size Group and State: 2017 [CG1700ORG10], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 12,040 independent school districts with enrollment populations less than 50,000. *See also* tbl.4. Special-Purpose Local Governments by State Census Years 1942 to 2017 [CG1700ORG04], CG1700ORG04 Table Notes_Special Purpose Local Governments by State_Census Years 1942 to 2017.

populations of less than 50,000.[25] Accordingly, based on the 2017 U.S. Census of Governments data, we estimate that at least 48,971 entities fall into the category of "small governmental jurisdictions."[26]

11. *Telemarketing Bureaus and Other Contact Centers.* This industry comprises establishments primarily engaged in operating call centers that initiate or receive communications for others-via telephone, facsimile, email, or other communication modes-for purposes such as (1) promoting clients, products, or services, (2) taking orders for clients, (3) soliciting contributions for a client, and (4) providing information or assistance regarding a client's products or services.[27] These establishments do not own the product or provide the services they are representing on behalf of clients.[28] The SBA small business size standard for this industry classifies firms having $16.5 million or less in annual receipts as small.[29] According to U.S. Census Bureau data for 2017, there were 2,250 firms in this industry that operated for the entire year.[30] Of this number 1,435 firms had revenue of less than $10 million.[31] Based on this information, the majority of firms in this industry can be considered small under the SBA small business size standard.

12. *Wireless Telecommunications Carriers (except Satellite).* This industry comprises establishments engaged in operating and maintaining switching and transmission facilities to provide communications via the airwaves.[32] Establishments in this industry have spectrum licenses and provide services using that spectrum, such as cellular services, paging services, wireless Internet access, and wireless video services.[33] The SBA size standard for this industry classifies a business as small if it has 1,500 or fewer employees.[34] U.S. Census Bureau data for 2017 show that there were 2,893 firms in this

[25] While the special purpose governments category also includes local special district governments, the 2017 Census of Governments data does not provide data aggregated based on population size for the special purpose governments category. Therefore, only data from independent school districts is included in the special purpose governments category.

[26] This total is derived from the sum of the number of general purpose governments (county, municipal and town or township) with populations of less than 50,000 (36,931) and the number of special purpose governments - independent school districts with enrollment populations of less than 50,000 (12,040), from the 2017 Census of Governments - Organizations tbls. 5, 6 & 10.

[27] *See* U.S. Census Bureau, *2017 NAICS Definition,"561422 Telemarketing Bureaus and Other Contact Centers,"* https://www.census.gov/naics/?input=561422&year=2017&details=561422.

[28] *Id.*

[29] 13 CFR § 121.201, NAICS Code 561422.

[30] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Selected Sectors: Sales, Value of Shipments, or Revenue Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEREVFIRM, NAICS Code 561422, https://data.census.gov/cedsci/table?y=2017&n=561422&tid=ECNSIZE2017.EC1700SIZEREVFIRM&hidePreview=false.

[31] *Id.* The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard. We note that the U.S. Census Bureau withheld publication of the number of firms that operated with sales/value of shipments/revenue in the individual categories for less than $100,000, and $100,000 to $249,999, to avoid disclosing data for individual companies (see Cell Notes for the sales/value of shipments/revenue in these categories). Therefore, the number of firms with revenue that meet the SBA size standard would be higher than noted herein. We also note that according to the U.S. Census Bureau glossary, the terms receipts and revenues are used interchangeably, *see* https://www.census.gov/glossary/#term_ReceiptsRevenueServices.

[32] *See* U.S. Census Bureau, *2017 NAICS Definition, "517312 Wireless Telecommunications Carriers (except Satellite),"* https://www.census.gov/naics/?input=517312&year=2017&details=517312.

[33] *Id.*

[34] 13 CFR § 121.201, NAICS Code 517312 (as of 10/1/22, NAICS Code 517112).

industry that operated for the entire year.[35] Of that number, 2,837 firms employed fewer than 250 employees.[36] Additionally, based on Commission data in the 2022 Universal Service Monitoring Report, as of December 31, 2021, there were 594 providers that reported they were engaged in the provision of wireless services.[37] Of these providers, the Commission estimates that 511 providers have 1,500 or fewer employees.[38] Consequently, using the SBA's small business size standard, most of these providers can be considered small entities.

E. Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements for Small Entities

13. The rules adopted in the *Order* may result in modified reporting, recordkeeping, or other compliance requirements for small entities. In cases where consumers invoke their right to grant or revoke consent to small entity callers to receive robocalls and robotexts under the TCPA, these callers may need to implement new methods to record and track such revocation requests to honor them within the specified timeframes. This includes honoring any revocation or do-not-call requests made by any reasonable means including by using an automated, interactive voice or key press-activated opt-out mechanism on a call, using the words "stop," "quit," "end," "revoke," "opt out," "cancel," or "unsubscribe" sent in reply to an incoming text message, or pursuant to a website designated by the caller when those options are provided by the calling party. In situations where a text initiator chooses to use a texting protocol that does not allow reply texts, the text initiator must: (1) provide a clear and conspicuous disclosure in each text to the consumer that two-way texting is not available due to technical limitations of the texting protocol; and (2) clearly and conspicuously provide reasonable alternative ways for a consumer to revoke consent, such as a telephone number, website link, or instructions to text a different number to revoke consent from further unwanted text messages.

14. In addition, callers must process such requests within a reasonable time not to exceed ten business days of receipt, and within six business days for package delivery services. This may necessitate small and other entities to update their current systems and processes for handling such requests.

15. There is not sufficient information on the record to quantify the costs of compliance for small entities, or to determine whether it will be necessary for small entities to hire professionals to comply with the adopted rules. We note that many of the requirements contained in the *Order* have been adopted by the Commission in rulings dating back many years or even decades. As a result, we anticipate that many callers, including smaller entities, have already made efforts to comply with these obligations and may have limited new burdens.

F. Steps Taken to Minimize Significant Economic Impact on Small Entities, and Significant Alternatives Considered

16. The RFA requires an agency to provide, "a description of the steps the agency has taken to minimize the significant economic impact on small entities...including a statement of the factual, policy, and legal reasons for selecting the alternative adopted in the final rules and why each one of the

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[35] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 517312, https://data.census.gov/cedsci/table?y=2017&n=517312&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[36] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

[37] Federal-State Joint Board on Universal Service, Universal Service Monitoring Report at 26, Table 1.12 (2022), https://docs.fcc.gov/public/attachments/DOC-391070A1.pdf.

[38] *Id.*

other significant alternatives to the rule considered by the agency which affects the impact on small entities was rejected."[39]

17. In the *Order*, the Commission took steps to minimize significant economic impact on small entities and considered alternatives to the adoption of new rules and processes that may impact small entities. In response to commenter requests,[40] we provided greater specificity as to the methods that are deemed reasonable to revoke consent. Taking this step provides callers, including many small entities, with additional guidance regarding the means to comply with our rules. Alternatively, we declined to allow callers to designate the use of specific technologies to permit consumers to revoke consent, such as the use of reply text messages, and grant callers with the flexibility to process revocation requests by any reasonable means. We also modified our proposal requiring that the revocation of consent requests and do-not-call requests must be processed within 24-hours. Rather, in response to concerns from numerous commenters that the 24-hour limitation is not feasible,[41] our amended rules require such requests be honored within a reasonable time not to exceed ten business days. This provides callers, including many smaller entities, greater flexibility to process revocation requests that are made via any reasonable means. Without objection, we also amend the exemption that allows package delivery notification robocalls and robotexts, with revocation requests now reduced from 30 business days to requests being honored within a reasonable time not to exceed six business days. In addition to providing certainty to consumers that their requests are being addressed, there were no objections to this timeframe and the record reflects that this provides package delivery companies, some of which are small entities, a reasonable opportunity to process such requests. Finally, we codify into our rules the ability of callers to send a final, one-time confirmation text in response to a request to opt-out of further messages. This will benefit both callers and consumers by allowing confirmation of the consumer's intent to no longer receive calls or text messages from the caller.

G. Report to Congress

18. The Commission will send a copy of the *Order*, including this FRFA, in a report to Congress pursuant to the Congressional Review Act.[42] In addition, the Commission will send a copy of the *Order*, including this FRFA, to the Chief Counsel for Advocacy of the SBA. A copy of the *Order* and FRFA (or summaries thereof) will also be published in the Federal Register.[43]

[39] 5 U.S.C. § 604(a)(6).

[40] ABA Comments at 6; EEI Comments at 12 (requesting that the Commission further clarify what methods of revoking consent are reasonable); NTCA Comments at 1 (encouraging additional guidance); PACE Comments at 4-6.

[41] ABA Comments at 16 (requesting six business days to process revocation requests); ACA Comments at 16 (noting that the other Commission rules allow 10 business days to honor revocation requests); EEI Comments at 15 (10 business days); NAMIC Comments at 3 (not to exceed 14 business days); NTCA et al. Comments at 5 (72 hours); PACE Comments at 7 (five business days); UHG Comments at 3 (14 days); NCLC et al. Reply Comments at 4 (recommending that the Commission allow a longer period for the first year after the regulation goes into effect).

[42] 5 U.S.C. § 801(a)(1)(A).

[43] *See id*. § 604(b).

APPENDIX C

Initial Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA)[1] the Commission has prepared this Initial Regulatory Flexibility Analysis (IRFA) of the possible significant economic impact on a substantial number of small entities by the policies proposed in this *Further Notice of Proposed Rulemaking* (*Further Notice*). Written public comments are requested on this IRFA. Comments must be identified as responses to the IRFA and must be filed by the deadlines for comments in the *Further Notice.* The Commission will send a copy of this *Further Notice*, including this IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA).[2] In addition, the *Further Notice* and the IRFA (or summaries thereof) will be published in the Federal Register.[3]

A. Need for, and Objectives of, the Proposed Rules

2. In the *Further Notice*, the Commission seeks comment on whether the TCPA applies to robocalls and robotexts from wireless providers to their own subscribers and therefore such providers must have consent to make prerecorded voice, artificial voice, or autodialed calls or texts to their own subscribers. The Commission seeks comment on whether wireless providers satisfy the TCPA's consent obligation pursuant to the unique nature of the relationship and service that they provide to their subscribers.[4] To the extent that wireless providers have consent to robocall or robotext their own subscribers, the Commission seeks comment on whether wireless subscribers, as any other called party, can exercise their right to revoke such consent by communicating a revocation of consent request to their wireless provider and that such request must be honored. Lastly, the Commission seeks comment on a request to amend our rules to require automated opt-out mechanisms for every non-telemarketing call that uses an artificial or prerecorded voice that can be used by the called party to stop such calls.[5]

B. Legal Basis

3. The proposed action is authorized pursuant to section 227 of the Communications Act of 1934, as amended, 47 U.S.C. § 227.

C. Description and Estimate of the Number of Small Entities to Which the Proposed Rules Will Apply

4. The RFA directs agencies to provide a description of and, where feasible, an estimate of the number of small entities that may be affected by the proposed rules and policies, if adopted.[6] The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small governmental jurisdiction."[7] In addition, the term "small business" has

[1] 5 U.S.C. § 603. The RFA, *see* 5 U.S.C. §§ 601-612, was amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 857 (1996).

[2] 5 U.S.C. § 603(a).

[3] *Id*.

[4] *See* 47 U.S.C. § 227(b)(1).

[5] *See* Letter from Margot Saunders, Senior Counsel, NCLC, to Marlene H. Dortch, Secretary, FCC, filed in CG Docket 02-278 (dated Feb. 5, 2024); NCLC et al. Reply Comments at 3.

[6] *Id.* § 603(b)(3).

[7] *Id.* § 601(6).

the same meaning as the term "small business concern" under the Small Business Act.[8] A "small business concern" is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.[9]

5. *Small Businesses, Small Organizations, Small Governmental Jurisdictions.* Our actions, over time, may affect small entities that are not easily categorized at present. We, therefore describe at the outset, three broad groups of small entities that could be directly affected herein.[10] First, while there are industry specific size standards for small businesses that are used in the regulatory flexibility analysis, according to data from the Small Business Administration's (SBA) Office of Advocacy, in general a small business is an independent business having fewer than 500 employees.[11] These types of small businesses represent 99.9% of all businesses in the United States, which translates to 33.2 million businesses.[12]

6. Next, the type of small entity described as a "small organization" is generally "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field."[13] The Internal Revenue Service (IRS) uses a revenue benchmark of $50,000 or less to delineate its annual electronic filing requirements for small exempt organizations.[14] Nationwide, for tax year 2020, there were approximately 447,689 small exempt organizations in the U.S. reporting revenues of $50,000 or less according to the registration and tax data for exempt organizations available from the IRS.[15]

7. Finally, the small entity described as a "small governmental jurisdiction" is defined generally as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand."[16] U.S. Census Bureau data from the 2017 Census

[8] *Id.* § 601(3) (incorporating by reference the definition of "small-business concern" in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies "unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register."

[9] 15 U.S.C. § 632.

[10] 5 U.S.C. § 601(3)-(6).

[11] *See* SBA, Office of Advocacy, "What's New With Small Business?," https://advocacy.sba.gov/wp-content/uploads/2023/03/Whats-New-Infographic-March-2023-508c.pdf (Mar. 2023).

[12] *Id*.

[13] *See* 5 U.S.C. § 601(4).

[14] The IRS benchmark is similar to the population of less than 50,000 benchmark in 5 U.S.C § 601(5) that is used to define a small governmental jurisdiction. Therefore, the IRS benchmark has been used to estimate the number of small organizations in this small entity description. S*ee* Annual Electronic Filing Requirement for Small Exempt Organizations – Form 990-N (e-Postcard), "Who must file," https://www.irs.gov/charities-non-profits/annual-electronic-filing-requirement-for-small-exempt-organizations-form-990-n-e-postcard. We note that the IRS data does not provide information on whether a small exempt organization is independently owned and operated or dominant in its field.

[15] *See* Exempt Organizations Business Master File Extract (EO BMF), "CSV Files by Region," https://www.irs.gov/charities-non-profits/exempt-organizations-business-master-file-extract-eo-bmf. The IRS Exempt Organization Business Master File (EO BMF) Extract provides information on all registered tax-exempt/non-profit organizations. The data utilized for purposes of this description was extracted from the IRS EO BMF data for businesses for the tax year 2020 with revenue less than or equal to $50,000 for Region 1-Northeast Area (58,577), Region 2-Mid-Atlantic and Great Lakes Areas (175,272), and Region 3-Gulf Coast and Pacific Coast Areas (213,840) that includes the continental U.S., Alaska, and Hawaii. This data does not include information for Puerto Rico.

[16] *See* 5 U.S.C. § 601(5).

of Governments[17] indicate there were 90,075 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States.[18] Of this number, there were 36,931 general purpose governments (county,[19] municipal, and town or township[20]) with populations of less than 50,000 and 12,040 special purpose governments—independent school districts[21] with enrollment populations of less than 50,000.[22] Accordingly, based on the 2017 U.S. Census of Governments data, we estimate that at least 48,971 entities fall into the category of "small governmental jurisdictions."[23]

8. *Wireless Carriers and Service Providers*. Wireless Telecommunications Carriers (*except* Satellite) is the closest industry with a SBA small business size standard applicable to these service providers.[24] The SBA small business size standard for this industry classifies a business as small if it has 1,500 or fewer employees.[25] U.S. Census Bureau data for 2017 show that there were 2,893 firms that operated in this industry for the entire year.[26] Of this number, 2,837 firms employed fewer than 250 employees.[27] Additionally, based on Commission data in the 2022 Universal Service Monitoring Report,

[17] *See* 13 U.S.C. § 161. The Census of Governments survey is conducted every five (5) years compiling data for years ending with "2" and "7". *See also* Census of Governments, https://www.census.gov/programs-surveys/cog/about.html.

[18] *See* U.S. Census Bureau, 2017 Census of Governments – Organization Table 2. Local Governments by Type and State: 2017 [CG1700ORG02], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. Local governmental jurisdictions are made up of general purpose governments (county, municipal and town or township) and special purpose governments (special districts and independent school districts). *See also* tbl.2. CG1700ORG02 Table Notes_Local Governments by Type and State_2017.

[19] *See id.* at tbl.5. County Governments by Population-Size Group and State: 2017 [CG1700ORG05], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 2,105 county governments with populations less than 50,000. This category does not include subcounty (municipal and township) governments.

[20] *See id.* at tbl.6. Subcounty General-Purpose Governments by Population-Size Group and State: 2017 [CG1700ORG06], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 18,729 municipal and 16,097 town and township governments with populations less than 50,000.

[21] *See id.* at tbl.10. Elementary and Secondary School Systems by Enrollment-Size Group and State: 2017 [CG1700ORG10], https://www.census.gov/data/tables/2017/econ/gus/2017-governments.html. There were 12,040 independent school districts with enrollment populations less than 50,000. *See also* tbl.4. Special-Purpose Local Governments by State Census Years 1942 to 2017 [CG1700ORG04], CG1700ORG04 Table Notes_Special Purpose Local Governments by State_Census Years 1942 to 2017.

[22] While the special purpose governments category also includes local special district governments, the 2017 Census of Governments data does not provide data aggregated based on population size for the special purpose governments category. Therefore, only data from independent school districts is included in the special purpose governments category.

[23] This total is derived from the sum of the number of general purpose governments (county, municipal and town or township) with populations of less than 50,000 (36,931) and the number of special purpose governments - independent school districts with enrollment populations of less than 50,000 (12,040), from the 2017 Census of Governments - Organizations tbls. 5, 6 & 10.

[24] *See* U.S. Census Bureau, *2017 NAICS Definition, "517312 Wireless Telecommunications Carriers* (*except Satellite*)," https://www.census.gov/naics/?input=517312&year=2017&details=517312.

[25] *See* 13 CFR § 121.201, NAICS Code 517312 (as of 10/1/22, NAICS Code 517112).

[26] *See* U.S. Census Bureau, *2017 Economic Census of the United States*, *Employment Size of Firms for the U.S.: 2017,* Table ID: EC1700SIZEEMPFIRM, NAICS Code 517312, https://data.census.gov/cedsci/table?y=2017&n=517312&tid=ECNSIZE2017.EC1700SIZEEMPFIRM&hidePreview=false.

[27] *Id*. The available U.S. Census Bureau data does not provide a more precise estimate of the number of firms that meet the SBA size standard.

as of December 31, 2021, there were 594 providers that reported they were engaged in the provision of wireless services.[28] Of these providers, the Commission estimates that 511 providers have 1,500 or fewer employees.[29] Consequently, using the SBA's small business size standard, most of these providers can be considered small entities.

D. Description of Projected Reporting, Recordkeeping, and Other Compliance Requirements for Small Entities

9. The *Further Notice* seeks comment on issues that may alter the Commission's current information collection, reporting, recordkeeping, or compliance requirements for small entities. The Commission seeks comment on whether wireless providers have effectively obtained consent to make robocalls and send robotexts to their own subscribers by virtue of their unique relationship with their subscribers or if they must obtain such consent for robocalls and robotexts. The Commission seeks comment on whether the right to revoke consent extends to wireless subscribers when they receive unwanted robocalls and robotexts from their wireless provider, just as it does to any robocalls or robotexts sent pursuant to the TCPA.[30] In particular, whether wireless providers would be required to honor any revocation or opt-out requests from their own subscribers that are made through any reasonable means and at any time. If adopted, this may require wireless providers to obtain consent from their own subscribers for robocalls and robotexts and may require such providers to maintain records on whether they have such consent and on any revocation of consent by their subscribers. Additionally, such revocation may be from all robocalls and robotexts, or from certain ones (such as marketing) and the wireless providers would be required to maintain such records on the specific revocation requests. We also seek comment on a request to require every call that uses an artificial or prerecorded voice to provide an automated opt-out mechanism. There is not sufficient information in the record to quantify the cost of compliance for small entities, or to determine whether it will be necessary for small entities to hire professionals to comply with these proposals. The Commission will review the record and further examine the economic impact of the proposals on small entities following the review of comments filed in response to the *Further Notice*.

E. Steps Taken to Minimize Significant Economic Impact on Small Entities, and Significant Alternatives Considered

10. The RFA requires an agency to describe any significant alternatives that could minimize impacts to small entities that it has considered in reaching its approach, which may include the following four alternatives, among others: "(1) the establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance or reporting requirements under the rule for such small entities; (3) the use of performance, rather than design, standards; and (4) and exemption from coverage of the rule, or any part thereof, for such small entities."[31]

11. In the *Further Notice* the Commission seeks comment on several alternatives that may impact small entities. The Commission seeks comment on whether wireless providers have effectively obtained consent to make robocalls and send robotexts to their own subscribers by virtue of their unique relationship with their subscribers and whether this consent extends to telemarketing or other messages,

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[28] Federal-State Joint Board on Universal Service, Universal Service Monitoring Report at 26, Table 1.12 (2022), https://docs.fcc.gov/public/attachments/DOC-379181A1.pdf.

[29] *Id.*

[30] *See 2015 TCPA Declaratory Ruling*, 30 FCC Rcd at 7993-99, paras. 55-70 (confirming that consumers who have provided consent to receive autodialed or prerecorded calls may revoke such consent through any reasonable means).

[31] 5 U.S.C. § 603(c)(1)–(4).

or if providers must obtain consent from their subscribers for such robocalls and robotexts. The Commission proposes that the right to revoke consent for robocalls and robotexts extends to wireless subscribers when they receive unwanted robocalls and robotexts from their own wireless provider, just as it does to any robocalls or robotexts sent to a consumer. The Commission proposes that wireless providers must honor any revocation or opt-out requests from their own subscribers that are made through any reasonable means and at any time. This proposal, if adopted, would apply to all wireless providers, including small entities.

12. This proposal, if adopted, would apply to all wireless providers, including small wireless entities. The Commission expects that the obligation to honor revocation requests will not be unduly burdensome to small wireless providers and recognizes that some wireless providers already honor opt-out requests on many communications to subscribers. The Commission observes that other entities have implemented such measures to honor revocation requests for decades to comply with the Commission's rules. Nevertheless, the Commission seeks comment on ways to reduce any new burdens such requirements might create for smaller wireless providers. Lastly, the Commission seeks comment on any burdens imposed by requiring all artificial or prerecorded voice calls to provide an automated opt-out mechanism to stop such calls including any alternatives that would minimize the impact on small entities.

F. Federal Rules that May Duplicate, Overlap, or Conflict with the Proposed Rules

13. None.

APPENDIX D

List of Commenters

Commenter	Abbreviation
ACA International et al.	ACA
Ad Hoc Telecom Users Committee	Ad Hoc
American Bankers Association et al.	ABA
AT&T Services, Inc.	AT&T
Benefits Data Trust	BDT
Cargo Airline Association	Cargo
CTIA	CTIA
Edison Electric Institute	EEI
GECU Federal Credit Union	GECU
Illinois Credit Union League	Illinois Credit
Mobile Ecosystem Forum	MEF
National Association of Mutual Insurance Companies	NAMIC
National Consumer Law Center et al.	NCLC*
NTCA – The Internet & Television Association	NTCA
National Lifeline Association	NLA
Professional Associations for Customer Engagement	PACE
Service Federal Credit Union	SFCU
Kelly Subbaiah	Subbaiah
UnitedHealth Group	UHG
Verizon	Verizon
Vibes Media, LLC	Vibes
Marjorie Williams	Williams
ZipDX LLC	ZipDX

* filing both comment and reply comment (bold - reply comments only)

STATEMENT OF
CHAIRWOMAN JESSICA ROSENWORCEL

Re: *Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Report and Order and Further Notice of Proposed Rulemaking (February 15, 2024)

Every week, we are looking for news way to quash junk robocalls and robotexts. There is good reason for this. They are awful, they are annoying, and they are eroding trust in our communications networks. Because the bad actors behind them won't stop, neither will we. That is why today we update our rules under the Telephone Consumer Protection Act to make clear consumers have the right to choose what calls and texts they receive. We do this because no consumer should be forced to jump through hoops or say special magic words to stop this junk from reaching them and those who send this nonsense need to honor your request.

Last week, we also took action to stop the newest form of unwanted communications—robocalls using Artificial Intelligence voice-cloning technology. We made clear that restrictions on the use of "artificial or prerecorded voice" in the Telephone Consumer Protection Act apply to calls that use AI to simulate a human voice. That means when these calls show up, State Attorneys General can go after those responsible and hold them accountable. In fact, 26 State Attorneys General are already on record supporting this approach.

One of them, the State Attorney General of New Hampshire, worked with us over the last few weeks to take action to address fake voice cloned calls that were designed to confuse residents about when and where to vote during the primary election in the state. He went after the entity responsible for these calls and we went after the provider carrying the suspected illegal robocall traffic.

In the not-too-distant future we could all be on the receiving end of these fake calls. The law we have to address this situation is not new, so kudos to Congressman Pallone for introducing the Do Not Disturb Act to update it, but I want to make clear that when we see problems we will act often and act fast because we need to get this junk off the line.

Thank you to the Robocall Response Team and staff responsible for this effort, including Aaron Garza, Wes Platt, Mika Savir, Richard Smith, Mark Stone, and Kristi Thornton from the Consumer and Governmental Affairs Bureau; Jessica Manuel and Daniel Stepanicich from the Enforcement Bureau; Richard Mallen and Malena Barzilai from the Office of General Counsel; Mark Montano from the Office of Economics and Analytics; and Joycelyn James from the Office of Communications Business Opportunities.

STATEMENT OF
COMMISSIONER ANNA M. GOMEZ

Re: *Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Report and Order and Further Notice of Proposed Rulemaking (February 15, 2024)

In today's increasingly digital world, consumers are inundated with information coming through a variety of different communications channels. Some of these communications provide helpful information about potential fraud, bank activity, health care appointments, and emergency alerts. But, the majority of it is junk. Junk robocalls and robotexts make it feel impossible to manage them and consumers end up ignoring these automated communications entirely, even the helpful ones. Consider the difficulty of navigating these communications and removing yourself from unwanted lists if you speak a language other than English.

Today, we update our rules to strengthen consumers' rights to decide which robocalls and robotexts they receive. We are making it easier for consumers to remove themselves from spam lists. We clarify that consumers can opt-out of call or text lists using any reasonable means. We explain that "reasonable means" of opting-out of automated texts include, but are not limited to: "stop," "quit," "end," "revoke," "opt out," "cancel," or "unsubscribe." We clarify that consumers may respond in the language in which they received the communication. If you get a message in Spanish, you can respond in Spanish to opt-out. While we provide these as examples, our updates mean that there are no magic words that consumers must say. This is important.

These updates strike the right balance of ensuring consumers have the ability to easily and effectively opt out of junk robocalls and robotexts, while remaining connected to the communications they find helpful.

I want to thank the Office of the Chairwoman and the Consumer and Governmental Affairs Bureau for working with my office to clarify that consumers can revoke consent by responding in the language they received the communication.

DECLARACIÓN DE LA COMISIONADA ANNA M. GOMEZ

Re: *Rules and Regulations Implementing the Telephone Consumer Protection Act of 1991*, CG Docket No. 02-278, Report and Order and Further Notice of Proposed Rulemaking (February 15, 2024)

Hoy en día, en un mundo cada vez más digitalizado, los consumidores se ven inundados por la información que reciben a través de diversos canales de comunicación. Algunas de estas comunicaciones son útiles, pero la gran mayoría son de escaso valor. Se trata de lo que conocemos comúnmente como mensajes "chatarra." Las llamadas automáticas y los mensajes de texto con contenido "chatarra" parecen imposibles de manejar, y los consumidores terminan ignorando por completo estas comunicaciones automatizadas, incluso aquellas que son de utilidad. Ahora, imaginémonos lo difícil que resulta lidiar con estas comunicaciones y quitar nuestros nombres de listas de mercadeo en las que no queremos figurar, cuando hablamos un idioma distinto del inglés.

Hoy, estamos actualizando nuestras reglas para fortalecer el derecho de los consumidores a decidir qué llamadas y textos automatizados están dispuestos a recibir y cuáles no desean recibir. Estamos facilitando la forma en que los consumidores pueden eliminar sus nombres de las listas de mercadeo no deseado. Estamos aclarando que los consumidores pueden utilizar cualquier medio razonable para optar por no figurar en determinadas listas de llamadas o de mensajería de textos. Clarificamos que los consumidores podrán responder en el idioma de la comunicación que recibieron. Por lo tanto, si usted recibe un mensaje en español, puede responder en español para que eliminen su nombre de la lista y no le vuelvan a enviar mensajes. Asimismo, aclaramos que no hay ninguna palabra mágica que los consumidores necesiten usar. Eso es importante.

Estas actualizaciones logran el equilibrio adecuado para garantizar que los consumidores tengan la capacidad de optar, de manera fácil y efectiva, por no recibir llamadas automáticas y mensajes de texto no deseados, y que a la vez permanezcan conectados para recibir las comunicaciones que consideran útiles.

Quiero agradecer a la oficina de la presidenta de la FCC (OCH) y a la oficina de asuntos gubernamentales y del consumidor (CGB), por el trabajo realizado en conjunto con mi oficina para clarificar que los consumidores pueden revocar su consentimiento respondiendo en el idioma de la comunicación que recibieron.