

**FEDERAL COMMUNICATIONS  
COMMISSION****47 CFR Part 1**[MD Docket No. 21–190; FCC 21–98; FRS  
46814]**Assessment and Collection of  
Regulatory Fees for Fiscal Year 2021****AGENCY:** Federal Communications  
Commission.**ACTION:** Final rule.

**SUMMARY:** In this document, the Commission revises its Schedule of Regulatory Fees to recover an amount of \$374,000,000 that Congress has required the Commission to collect for fiscal year 2021. Section 9 of the Communications Act of 1934, as amended, provides for the annual assessment and collection of regulatory fees under respectively.

**DATES:** Effective September 22, 2021. To avoid penalties and interest, regulatory fees should be paid by the due date of September 24, 2021.

**FOR FURTHER INFORMATION CONTACT:**  
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**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission’s Report and Order, FCC 21–98, MD Docket No. 21–190, adopted on August 25, 2021 and released on August 26, 2020. The full text of this document is available for public inspection by downloading the text from the Commission’s website at [http://transition.fcc.gov/Daily\\_Releases/Daily\\_Business/2017/db0906/FCC-17-111A1.pdf](http://transition.fcc.gov/Daily_Releases/Daily_Business/2017/db0906/FCC-17-111A1.pdf).

**I. Administrative Matters***A. Final Regulatory Flexibility Analysis*

1. As required by the Regulatory Flexibility Act of 1980 (RFA), the Commission has prepared a Final Regulatory Flexibility Analysis (FRFA) relating to this *Report and Order*. The FRFA is located at the end of this document.

*B. Final Paperwork Reduction Act of  
1995 Analysis*

2. 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).

*C. Congressional Review Act*

2. The Commission has determined, and the Administrator of the Office of Information and Regulatory Affairs, Office of Management and Budget, 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 & Order to Congress and the Government Accountability Office pursuant to 5 U.S.C. 801(a)(1)(A).

3. In this *Report and Order*, we adopt a schedule to collect the \$374,000,000 in congressionally required regulatory fees for fiscal year (FY) 2021. The regulatory fees for all payors are due on September 24, 2021.

4. This *Report and Order* addresses the issues that were raised in the *FY 2021 Notice of Proposed Rulemaking* including: (i) The use of non-geographic numbers in the calculation of the number of subscribers for each commercial mobile radio service (CMRS) provider; (ii) ending our phase-in of direct broadcast satellite (DBS) regulatory fees, and have the Media Bureau-based DBS regulatory fee category to be in the same fee category as cable television and internet Protocol Television (IPTV); (iii) continuing to assess regulatory fees for full service broadcast television on population-based methodology that we used for FY 2020, including changes that we adopted previously for stations in Puerto Rico; (iv) apportioning NGSO regulatory fees between the new NGSO fee subcategories for “less complex” NGSO systems and “other” NGSO systems, taking into account the relative benefits provided to them from our oversight and regulatory activities; and (v) extending our streamlined waiver provisions adopted in FY 2020 for FY 2021. These issues are discussed below.

**II. Report and Order***A. Issues Raised by Commenters*

5. *Broadband DATA Act Implementation.* As part of our FY 2021 appropriation, Congress directed the Commission to assess and collect \$374 million in regulatory fees, of which \$33 million is to be made available for implementing the Broadband DATA Act. Among other things, the Broadband DATA Act requires the Commission to collect standardized, granular data on the availability and quality of both fixed and mobile broadband internet access services, to create a common dataset of all locations where fixed broadband internet access service can be installed (the Fabric), and to create publicly available coverage maps.

6. Several commenters representing the broadcast industry object to the assessment on broadcasters of any portion of the \$33 million designated by Congress to cover the costs of implementation of the Broadband DATA Act as part of the Commission’s FY 2021 appropriation. They argue that broadcasters are not regulated by nor do they benefit from implementation of the Broadband DATA Act. Specifically, that these Broadband DATA Act costs are not overhead costs because they pertain only to certain Commission core bureaus and identifiable entities, namely, broadband service providers, that are regulated by and benefit from the Commission’s activities implementing the legislation.

7. Therefore, we adjust the Commission’s approach to account for the unusual circumstances accompanying the Broadband DATA Act earmark. While we categorize the costs of implementation of the Broadband DATA Act as indirect costs consistent with our normal methodology, in this limited instance, given the one-time nature and magnitude of the earmark, the statutory text, the legislative history, and the record in this proceeding, we exclude one group of regulatees—broadcasters or “Media Services” licensees—from their share of these indirect costs. While we modify our methodology here with respect to the \$33 million earmark, this one-time modification is consistent with the Commission’s longstanding goals of implementing a fair, sustainable, and administrable regulatory fee regime.

8. *Auction FTEs.* Several commenters contend that the Commission should include auctions FTEs in the calculation of indirect and overhead expenses. In other words, excluding Wireless Telecommunications Bureau FTEs who work on auction issues artificially depresses the costs attributable to the wireless industry and, disadvantages Media Bureau regulatees, as the Media Bureau has substantially fewer of its FTEs classified as auction employees. We find, however, that including auctions FTEs would be inconsistent with section 9 of the Act and therefore decline to accept this proposal. Section 9 of the Communications Act requires the Commission to assess and collect regulatory fees to recover the costs of carrying out the Commission’s functions equal to the amount of the Commission’s salaries and expenses appropriations each fiscal year. Auctions FTEs are not included in the calculation of regulatory fees because our methodology excludes all auction-related FTEs and their overhead from the regulatory fee calculations. Auctions

expenses are separately funded and not part of the Commission's appropriation supported by regulatory fees. The Commission recovers the costs of developing and implementing its section 309(j) spectrum auctions program as an offsetting collection against auction proceeds and subject to an annual cap.

9. *Office of Engineering and Technology Activities.* Commenters contend that the Commission should require users of unlicensed spectrum and/or equipment manufacturers to pay regulatory fees to support the Commission's Office of Engineering and Technology's (OET's) work on the management of spectrum for unlicensed use and authorization of equipment. We decline the commenters' request to revisit our fundamental regulatory fees methodology, and their proposal to create one or more new regulatory fee payor categories consisting of unlicensed spectrum users and/or equipment manufacturers, which under our current methodology would effectively transform OET into a "core bureau" and transform OET FTEs into "direct" FTEs. The Commission has not treated OET as a core bureau and has considered its FTEs' work to be "indirect" activities for which all payors of regulatory fees have been responsible.

10. *Exempt Noncommercial Stations.* A broadcast commenter contends that broadcasters should not be responsible for the regulatory fees of exempt noncommercial stations. The RAY BAUM'S Act specifically exempted non-commercial radio and television stations from regulatory fees. And because Congress has mandated collection of regulatory fees equal to the annual appropriation, the \$374 million must be collected from all non-exempt regulatory fee payors. As a result, we find it is consistent with section 9 of the Act to include those costs that are attributable to all regulatees in each bureau's revenue requirement because all of the regulatees in that fee category, whether they pay regulatory fees or not, benefit from the oversight and regulation of that bureau.

#### *B. Commercial Mobile Radio Service Regulatory Fees Calculation*

11. We adopt our proposal to include non-geographic numbers in the calculation of the number of subscribers for each Commercial Mobile Radio Service (CMRS) provider. The inclusion of non-geographic numbers does not increase the total amount collected from the CMRS industry but will reduce the per subscriber fee. In the *FY 2021 NPRM*, we determined that, with the inclusion of non-geographic numbers,

there would be 504 million payment units, and the estimated regulatory fee would be 15 cents per subscriber. As we explained in the *FY 2021 NPRM*, non-geographic numbers are assigned numbers but not associated with any particular geographic area. They are included in Numbering Resource Utilization Forecast (NRUF) Report data and fall within the definition of assigned numbers. Historically, non-geographic numbers were commonly used for "follow me" services, which allowed a consumer to receive a call at different locations, and were not used for independent subscribers. For that reason, the Commission did not previously include these numbers in the CMRS subscriber count estimates because it would result in double counting of subscribers. More recently, however, non-geographic numbers are increasingly used for machine-to-machine calling, such as wireless alarm monitoring and car emergency services subscriptions. Therefore, counting non-geographic numbers for regulatory fee purposes is no longer duplicative of the geographic number. No commenters oppose our proposal, and we therefore adopt it.

#### *C. Direct Broadcast Satellite Fees*

12. We adopt our proposal to complete the phase-in of the DBS regulatory fee and place all DBS, cable television, and internet Protocol television (IPTV) providers in the same fee category at the same per subscriber regulatory fee. Direct Broadcast Satellite (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 providers are multichannel video programming distributors (MVPDs), as defined in section 602(13) of the Act. The Media Bureau oversees the regulation of MVPDs, including the two providers of DBS in the United States: DISH Network and DIRECTV. Upon adoption of this *Report and Order*, the Commission will include cable, IPTV, and DBS in the same fee category. Commenters also request that the Commission use updated MVPD subscriber numbers that are closer in time to the release of the Commission's annual regulatory fee order. While we understand this concern, we are unable to administratively accommodate this request. Since DBS subscriber information is not reported to the Commission, it would be difficult for the Commission to permit DBS providers to pay based on their most recent subscriber count in June, for example, because this subscriber count

information would only become known to the Commission when DBS providers make their payment in late September. Therefore, we decline to make this change on the reporting date of DBS subscriber information.

#### *D. Full-Service Television Broadcaster Fees*

##### 1. *FY 2021 Regulatory Fees*

13. We adopt the use of the population-based methodology for full-service television broadcasters for FY 2021, as proposed. In FY 2020, the Commission completed the transition to a population-based full-power broadcast television regulatory fee, finding it to be more equitable. In the FY 2021 NPRM, we proposed adopting a factor of .8525 of one cent (\$.008525) per population served for FY 2021 full-power broadcast television station fees. We are, however, adopting a lower fee factor, .7793 of one cent (\$.007793). This lower fee factor is a result of excluding radio and television broadcasters from the \$33 million portion of our appropriation that is earmarked for implementation of the Broadband DATA Act. The population data for each licensee and the population-based fee (population multiplied by \$.007793) for each full-power broadcast television station, including each satellite station, is listed in Table 7. Some commenters argue that the Commission's resources in oversight and regulation do not increase or decrease depending on the population served by a broadcaster, and therefore we should not base the regulatory fee on the population served. These commenters do not, however, offer an alternative proposal that would be fair and reasonable to small and large broadcasters. As we have previously stated, the Commission's methodology need not reach scientific precision, but simply be reasonable.

##### 2. *Stations in Puerto Rico*

14. We adopt the same adjustments to population count for FY 2021 for TV broadcasters in Puerto Rico that we provided those broadcasters in FY 2020. Previously, a group of broadcasters in Puerto Rico argued that our methodology overstates the population served by Puerto Rico stations because the mountainous terrain conditions result in the TVStudy overstating the population served. They also argued that significant and measurable drops in Puerto Rico's population resulting from an exodus caused in part by Hurricane Maria overstated that the population counts underlying the TVStudy. To address these concerns, in the *FY 2020 Report and Order*, the Commission

reduced the population counts used in the TVStudy by 16.9%, or the decline between the last census in 2010 and the current population estimate. Additionally, the Commission limited the market served by primary television stations and commonly owned satellite broadcast stations in Puerto Rico to no more than 3.10 million people, the latest population estimate. We find that since commenters on this issue do not oppose the Commission's actions, we adopt our proposals in the *FY 2021 NPRM* to adjust the population and to limit the market served by all stations to the total population.

#### E. Toll-Free Numbers

15. We decline to revise our rules and remove a Responsible Organizations (RespOrgs)'s responsibility to pay regulatory fees for toll-free numbers. Toll-free numbers allow callers to reach the called party without being charged for the call. With toll-free calls, the charge for the call is paid by the called party (the toll-free subscriber) instead. Historically, the Commission has not assessed regulatory fees on toll-free numbers under the rationale that the entities controlling the numbers, wireline and wireless carriers, were paying regulatory fees based on either revenues or subscribers. For reasons discussed in the *FY 2014 Report and Order* and the *FY 2015 Report and Order*, the Commission established a regulatory fee obligation for RespOrgs that manage toll-free numbers, beginning in FY 2015, so that toll-free numbers are allocated in an equitable and orderly manner that serves the public interest under section 251(e)(1) of the Act.

16. A commenter contends that the regulatory fee for toll-free numbers should be assessed differently for entities that are not carriers, arguing that carriers that report revenues on FCC Form 499s, should be responsible for the payment of regulatory fees. Commenter contends that clients should remit the fee to the Commission under their own FCC Registration Numbers. We disagree and continue to believe that the existing process is orderly and equitable. While we recognize that many RespOrgs offset their fee payments to the Commission by passing these fees on to their customers who use the toll-free numbers, this practice is not mandatory. The statutory responsibility for payment of the regulatory fee rests solely with the regulated entity, the RespOrg, and not with customers of the RespOrg. Therefore, it is the responsibility of the RespOrg to pay the full amount of toll-free regulatory fees to the Commission by the fee due date.

#### F. Submarine Cable Regulatory Fees

17. We adopt our proposal to use the same tiers for assessing fees on submarine cable operators for FY 2021 as in FY 2020, which are based on the "lit" capacity of the fiber-optic submarine cable. International bearer circuits (IBCs) consist of terrestrial and satellite circuits and submarine cable systems. Prior to 2009, IBC regulatory fees were collected based on 64 kbps circuits for each of the three types of facilities used to provide international service. In 2009, at the request of a large number of submarine cable operators ("2009 Consensus Proposal"), the Commission changed the methodology for assessing IBC fees and began to assess fees on a per cable landing license basis, with higher fees for larger submarine cable systems and lower fees for smaller submarine cable systems. The Commission concluded that this methodology served the public interest and was competitively neutral because it included both common carriers and non-common carriers. Through FY 2019, the Commission continued to assess fees for international service provided over terrestrial and satellite facilities based on a per 64 kbps basis with the proportion of 87.6% for submarine cable operators, and 12.4% for terrestrial and satellite facilities based on relative capacity at the time. Later, the Commission adopted a five-tier structure for assessing fees on submarine cables systems, with larger systems paying more based on lit capacity, and a per gigabits per second (Gbps) assessment on active circuit capacity for terrestrial and satellite facilities.

18. In the *FY 2020 Report and Order*, the Commission revised the allocation of IBC fees and adopted new tiers for the fees. The Commission concluded that a ratio attributing 95% to submarine cables and 5% to terrestrial and satellite circuits would be more reasonable than the historic ratio. The Commission found again that capacity was an appropriate measure by which to assess IBC fees. The Commission rejected the use of a flat rate for submarine cables and adjusted the tiers for submarine cables. Subsequently, in the *FY 2021 NPRM*, we proposed to use the same tiers for assessing fees on submarine cable operators as the Commission adopted in the *FY 2020 Report and Order*. We find there are no significant changes in our regulatory framework and oversight of submarine cables, or changes in the marketplace, to reevaluate our fee framework based on lit capacity. As the Commission has previously stated, lit capacity is a

reasonable basis to assess regulatory costs among the submarine cable regulatees that benefit from the Commission's work. We therefore find sufficient reason to adopt submarine cable systems fees based on lit capacity.

#### G. Space Station Regulatory Fees

##### 1. NGSO Regulatory Fees—Less Complex and Other

19. In 2020, the Commission adjusted the allocation of FTEs among GSO and NGSO space station and earth station operators. The Commission noted the disparity in number of units between GSO space stations (98) and NGSO systems (seven), and observed that many space stations can be operated under a single NGSO license while counting as a single unit for regulatory fee purposes, but only one satellite can be operated per GSO space station regulatory fee unit. To ensure that regulatory fees more closely reflect the work of FTEs' oversight and regulation for each category, the Commission allocated 80% of space station regulatory fees to GSOs and 20% of the space station regulatory fees to NGSOs.

20. In the Further Notice of Proposed Rulemaking attached to the *FY 2020 Report and Order*, the Commission sought comment on adopting subcategories of NGSO systems for regulatory fee purposes. Based on comments received, we concluded that space systems planning to communicate with 20 or fewer U.S. authorized earth stations that are primarily used for Earth Exploration Satellite Service (EESS) and/or Automatic Identification System (AIS) are significantly less complex to regulate than other types of NGSO systems. We concluded that this category of "less complex" systems does in fact require fewer Commission resources for several reasons. Such systems rarely involve resource-intensive NGSO processing rounds, based on their ability to share with other operators in the requested frequency bands. The "Other" types of NGSO systems typically have a more global presence, thereby requiring significantly more resources in connection with international forums. These other NGSO systems also have significant spectrum needs and involve a variety of frequency bands, technical issues, and services, constituting a significant part of the International Bureau's NGSO work and resource allocation. We therefore adopted two new fee subcategories: "less complex" NGSO systems and all other NGSO systems identified as "other" NGSO systems, both under the broader category of "Space Stations (Non-Geostationary Orbit)" with an 20/

80 allocation within the NGSO fee category. We proposed a 20/80 allocation (in the FY 2021 NPRM) within the category of NGSO fees, with “less complex” NGSO systems responsible for 20% of NGSO regulatory fees and the remaining NGSO systems (“other”) responsible for 80% of NGSO regulatory fees.

21. Several commenters disagree generally with creating NGSO subcategories, arguing that operators should not pay differing fees based on whether an NGSO system is “less complex.” Below, we discuss the NGSO subcategories and the allocation of the NGSO fees among the NGSO subcategories.

#### a. NGSO Space Station Subcategories

22. We reject commenters’ arguments that we should not have adopted the “less complex” and “other” subcategories within the NGSO regulatory fee category. Our decision is based on the fact that commenters primarily rely on arguments that were fully considered and addressed as part of our decision in the Report and Order accompanying the *FY 2021 NPRM*, providing no new arguments or citing no new developments. Thus, our decision to create two NGSO fee subcategories incorporated elements of the specific proposals, and our decision-making process did not constitute an “abrupt reversal” or “abrupt change in direction,” but was based on a fully developed record following a notice and comment rulemaking.

23. We also disagree with the contention that we “attached misplaced significance” to application processing costs in determining the amount of Commission resources used in the oversight and regulation of NGSO systems because we took into consideration processing round procedures in concluding that certain NGSO systems require fewer Commission resources. Section 9 of the Communications Act requires the Commission to recover, through regulatory fees, the total amount of its appropriation each year. The Commission must consider all FTE time costs in recovering its regulatory fees. We perform a holistic analysis of our regulation of NGSO systems and the FTE time accorded the oversight and regulation thereof, including rulemakings benefiting those systems, which are directly relevant for purposes of assessing regulatory fees. In so doing, we look at the overall FTE time spent in oversight and regulation of the types of NGSO systems and identify examples of proceedings involving certain NGSO systems.

24. Finally, we reject commenters’ allegations that the consideration of earth stations is overly simplistic. Comparative complexity in earth station siting and licensing is not relevant to our analysis to determine whether an NGSO space system is less complex to regulate. Regulatory fees for earth stations are separately assessed from space stations fees. Although individual earth station applications may differ in terms of Commission resources required to process, those activities are not relevant to determine whether a space system planning to communicate with such an earth station is a complex system or not. Similarly, we disagree with arguments that space station systems communicating with larger numbers of earth stations are not likely to require more Commission oversight and regulatory activities. While an earth station blanket license application for technically-identical user terminals may in some instances be fairly easily processed, the ongoing activities associated with regulating the corresponding NGSO space station system will be more intensive, because the number of earth stations is an indicator that the space system itself is more complex. Furthermore, we also disagree with the contention that our consideration of numbers of earth stations presupposes that EESS systems require no more than 20 earth stations to support their network. Our experience has shown that authorized EESS systems typically communicate with fewer than 20 earth stations in the United States, and takes into account earth stations owned and operated by a third party that communicate with a particular NGSO system. As indicated, we are using “fewer than 20 earth stations” as a proxy and at the application stage, if we determine that a space system is planning to communicate with more than 20 earth stations based on the system design, such system design and plans would indicate that the space system would not fall into the “less complex” system category for regulatory fee purposes. Nothing in the record, or our analysis of the resources the International Bureau devotes to NGSO oversight and regulation, demonstrates that we erred in adopting an additional NGSO space station regulatory fee category for “less complex” NGSO systems.

#### b. 20/80 NGSO Regulatory Fee Allocation

25. We adopt our proposal from the *FY 2021 NPRM* to allocate 20% of NGSO regulatory fees to “less complex” NGSO systems and 80% of NGSO regulatory fees to “other” NGSO

systems. In so doing, we consider the record, our experience, and analysis of the time International Bureau FTEs devote to oversight and regulation of “less complex” and “other” NGSO systems. While some commenters agree with the 20/80 allocation, others disagree. Many of those commenters disagree with the underlying creation of the “less complex” NGSO fee category, as adopted. The Commission considered various aspects of the Commission’s oversight and the amount of FTE time devoted to the subcategories of NGSOs, specifically on the number of applications processed, the number of changes made to the Commission’s rules, and the number of FTEs working on oversight for each category of operators. Here, in evaluating the FTE time devoted to the subcategories to develop the proposed 20/80 allocation, we considered the adjudicatory role of the Commission in connection with different types of NGSO systems—which is typically more intensive for those systems authorized as part of processing rounds. We also considered the number of rulemakings over the last several years, as well as current rulemakings, and which types of NGSO systems were implicated in those rulemaking activities, and we considered the various international activities that Commission staff engage in and how those activities benefit the different types of NGSO systems. We then considered the number of FTEs typically working on processing round issues/adjudications on an ongoing basis, compared the number of FTEs working on various rulemakings, and considered the number of FTEs in the International Bureau that engage in various international activities and forums, and the extent to which such activities benefit each category of NGSO system. Our allocation percentage is based on our quantitative experience (approximate numbers of FTE hours spent in a year) and expert judgement, and such calculation remains to be the best approximation of our FTE cost allocation at this time, based on the record before us. The fees must be administrable, and we note again that the Commission’s methodology need not reach scientific precision and instead must simply be reasonable.

#### 2. NGSO Regulatory Fees—Satellites Authorized Under Multiple Call Signs

26. We find it premature to make a determination how the Commission’s regulatory fees should apply to NGSO satellites operating as an integrated NGSO system, but authorized under multiple call signs. Several commenters to the *FY 2021 NPRM* asked us to clarify

whether NGSO satellites operating as an integrated NGSO system, but authorized under multiple call signs, should be considered part of the same system—and therefore be assessed a single regulatory fee. Specifically, commenters suggest that the Commission should consider NGSO satellites operating as part of the system—but authorized under multiple call signs (even by different operators)—as one “system” for purposes of NGSO regulatory fees. The Commission does not currently have any authorized NGSO systems that fit the description of a multi-regulatee/multi-call sign NGSO system. The answer is likely to be fact-specific, and involve a determination of what exactly constitutes an NGSO “system” and where the space stations in the “system” are operated by different entities. In the case of GSO space stations, it is clear when there are multiple licensees associated with the same physical satellite. The situation is less clear for NGSO systems because the situation could quickly become factually complex where different space stations in the “system” are described as attributable to different entities for regulatory fee purposes. We will continue to apply the general presumption that NGSO systems operated by different licensees or market access grantees constitute different NGSO systems.

#### H. Flexibility for Regulatory Payors Due to COVID-19 Pandemic

27. As proposed in the *FY 2021 NPRM*, we extend the temporary COVID-19 regulatory fee relief measures that were implemented in our *FY 2020 Report and Order*. Last year, the Commission adopted certain relief measures to address concerns raised by commenters about financial hardship caused by the COVID-19 pandemic. Comments received in response to the *FY 2021 NPRM* indicate that the financial hardship caused by the pandemic have continued into the 2021 fiscal year. Accordingly, we find good reason to continue the same relief measures we adopted in *FY 2020* for *FY 2021*.

28. Specifically, for *FY 2021*, we again waive section 1.1166 of our rules, to the extent necessary, to permit parties seeking regulatory fee waiver, deferral and/or installment payment relief for financial hardship reasons related to the pandemic. Those parties may make a single request for all forms of relief sought, whether in combination or in the alternative, and may submit all such requests for relief electronically to the Commission via a dedicated email address. For *FY 2021*, the email address

is [2021regfeerelief@fcc.gov](mailto:2021regfeerelief@fcc.gov).

Additionally, we partially waive our red-light rule to allow debtors that are experiencing financial hardship to nonetheless request relief with respect to their regulatory fees. As we provided in *FY 2020*, however, such regulatees are required to resolve all delinquent debt by paying it in full, entering into an installment agreement to repay it, and/or if applicable, curing all payment and other defaults under existing installment agreements. We believe the existing waiver standard together with the measures described above will work as designed, to provide fee relief to those regulatees most in need.

29. Regulatees whose businesses have been hurt by the pandemic, but not to the extent required to receive a waiver, reduction, or deferral, may be eligible to pay their *FY 2021* fees in installments under section 1.1914 of our rules. For those regulatees, we exercise our discretion under section 3717(a) of the Debt Collection Improvement Act of 1996, as amended, to reduce the interest rate the Commission charges on installment payments to a nominal rate and we suspend our down payment requirement. We also recognize that demonstrating financial hardship caused by the pandemic may require different financial documentation than the documentation the Commission has traditionally accepted. While the burden of proving financial hardship remains with the party requesting it, we again direct the Managing Director to work with individual regulatees that have filed requests if additional documents are needed to render a decision on the request. Finally, we direct the Managing Director to release one or more public notices describing in more detail the relief we have described herein.

We remind regulatees that we cannot relax the standard for granting a waiver or deferral of fees, penalties, or other charges for late payment of regulatory fees under section 9A of the Act. Under the statute, the Commission may only waive a regulatory fee, penalty or interest if it finds there is good cause for the waiver and that the waiver is in the public interest. The Commission has only granted financial hardship waivers when the requesting party has shown it “lacks sufficient funds to pay the regulatory fees and to maintain its service to the public.” Other statutory limitations include that the Commission must act on waiver requests individually, and cannot extend the deadline we set for payment of fees beyond September 30.

### III. Procedural Matters

30. Included below are procedural items as well as our current payment and collection methods.

31. *Credit Card Transaction Levels*. In accordance with *Treasury Financial Manual*, Volume I, Part 5, Chapter 7000, Section 7045—*Limitations on Card Collection Transactions*, the highest amount that can be charged on a credit card for transactions with federal agencies is \$24,999.99. Transactions greater than \$24,999.99 will be rejected. This limit applies to single payments or bundled payments of more than one bill. Multiple transactions to a single agency in one day may be aggregated and treated as a single transaction subject to the \$24,999.99 limit. Customers who wish to pay an amount greater than \$24,999.99 should consider available electronic alternatives such as Visa or MasterCard debit cards, ACH debits from a bank account, and wire transfers. Each of these payment options is available after filing regulatory fee information in Fee Filer. Further details will be provided regarding payment methods and procedures at the time of *FY 2021* regulatory fee collection in Fact Sheets, <https://www.fcc.gov/regfees>.

32. *Payment Methods*. Pursuant to an Office of Management and Budget (OMB) directive, the Commission is moving towards a paperless environment, extending to disbursement and collection of select federal government payments and receipts. In 2015, the Commission stopped accepting checks (including cashier’s checks and money orders) and the accompanying hardcopy forms (e.g., Forms 159, 159-B, 159-E, 159-W) for the payment of regulatory fees. During the fee season for collecting regulatory fees, regulatees can pay their fees by credit card through Pay.gov, ACH, debit card, or by wire transfer. Additional payment instructions are posted on the Commission’s website at <http://transition.fcc.gov/fees/regfees.html>. The receiving bank for all wire payments is the U.S. Treasury, New York, NY (TREAS NYC). Any other form of payment (e.g., checks, cashier’s checks, or money orders) will be rejected. For payments by wire, a Form 159-E should still be transmitted via fax so that the Commission can associate the wire payment with the correct regulatory fee information. The fax should be sent to the Federal Communications Commission at (202) 418-2843 at least one hour before initiating the wire transfer (but on the same business day) so as not to delay crediting their account. Regulatees should discuss arrangements (including bank closing

schedules) with their bankers several days before they plan to make the wire transfer to allow sufficient time for the transfer to be initiated and completed before the deadline. Complete instructions for making wire payments are posted at <https://www.fcc.gov/licensing-databases/fees/wire-transfer>.

33. *De Minimis Regulatory Fees, Section 9(e)(2) Exemption.* Under the de minimis rule, and pursuant to our analysis under section 9(e)(2) of the Act, a regulatee is exempt from paying regulatory fees if the sum total of all of its annual regulatory fee liabilities is \$1,000 or less for the fiscal year. The de minimis threshold applies only to filers of annual regulatory fees, not regulatory fees paid through multi-year filings, and it is not a permanent exemption. Each regulatee will need to reevaluate the total annual fee liability each fiscal year to determine whether it meets the de minimis exemption.

34. *Standard Fee Calculations and Payment Dates.* The Commission will accept fee payments made in advance of the window for the payment of regulatory fees. The responsibility for payment of fees by service category is as follows:

- *Media Services:* Regulatory fees must be paid for initial construction permits that were granted on or before October 1, 2020 for AM/FM radio stations, VHF/UHF broadcast television stations, and satellite television stations. Regulatory fees must be paid for all broadcast facility licenses granted on or before October 1, 2020.

- *Wireline (Common Carrier) Services:* Regulatory fees must be paid for authorizations that were granted on or before October 1, 2020. In instances where a permit or license is transferred or assigned after October 1, 2020, responsibility for payment rests with the holder of the permit or license as of the fee due date. Audio bridging service providers are included in this category. For Responsible Organizations (RespOrgs) that manage Toll Free Numbers (TFN), regulatory fees should be paid on all working, assigned, and reserved toll free numbers as well as toll free numbers in any other status as defined in section 52.103 of the Commission's rules. The unit count should be based on toll free numbers managed by RespOrgs on or about December 31, 2020.

- *Wireless Services:* CMRS cellular, mobile, and messaging services (fees based on number of subscribers or telephone number count): Regulatory fees must be paid for authorizations that were granted on or before October 1, 2020. The number of subscribers, units, or telephone numbers on December 31,

2020 will be used as the basis from which to calculate the fee payment. In instances where a permit or license is transferred or assigned after October 1, 2020, responsibility for payment rests with the holder of the permit or license as of the fee due date.

- *Wireless Services, Multi-year fees:* The first eight regulatory fee categories in our Schedule of Regulatory Fees pay "small multi-year wireless regulatory fees." Entities pay these regulatory fees in advance for the entire amount period covered by the ten-year terms of their initial licenses, and pay regulatory fees again only when the license is renewed, or a new license is obtained. We include these fee categories in our rulemaking to publicize our estimates of the number of "small multi-year wireless" licenses that will be renewed or newly obtained in FY 2021.

- *Multichannel Video Programming Distributor Services (cable television operators, CARS licensees, DBS, and IPTV):* Regulatory fees must be paid for the number of basic cable television subscribers as of December 31, 2020. Regulatory fees also must be paid for CARS licenses that were granted on or before October 1, 2020. In instances where a permit or license is transferred or assigned after October 1, 2020, responsibility for payment rests with the holder of the permit or license as of the fee due date. For providers of DBS service and IPTV-based MVPDs, regulatory fees should be paid based on a subscriber count on or about December 31, 2020. In instances where a permit or license is transferred or assigned after October 1, 2020, responsibility for payment rests with the holder of the permit or license as of the fee due date.

- *International Services (Earth Stations and Space Stations):* Regulatory fees must be paid for (1) earth stations and (2) geostationary orbit space stations and non-geostationary orbit satellite systems that were licensed and operational on or before October 1, 2020. In instances where a permit or license is transferred or assigned after October 1, 2020, responsibility for payment rests with the holder of the permit or license as of the fee due date.

- *International Services (Submarine Cable Systems, Terrestrial and Satellite Services):* Regulatory fees for submarine cable systems are to be paid on a per cable landing license basis based on lit circuit capacity as of December 31, 2020. Regulatory fees for terrestrial and satellite IBCs are to be paid based on active (used or leased) international bearer circuits as of December 31, 2020 in any terrestrial or satellite transmission facility for the provision of

service to an end user or resale carrier. When calculating the number of such active circuits, entities must include circuits used by themselves or their affiliates. For these purposes, "active circuits" include backup and redundant circuits as of December 31, 2020. Whether circuits are used specifically for voice or data is not relevant for purposes of determining that they are active circuits. In instances where a permit or license is transferred or assigned after October 1, 2020, responsibility for payment rests with the holder of the permit or license as of the fee due date.

35. *Commercial Mobile Radio Service (CMRS) and Mobile Services Assessments.* The Commission compiled data from the Numbering Resource Utilization Forecast (NRUF) report that is based on "assigned" telephone number (subscriber) counts that have been adjusted for porting to net Type 0 ports ("in" and "out"). We have included non-geographic numbers in the calculation of the number of subscribers for each CMRS provider in Tables 2 and the CMRS regulatory fee rate in Table 3. CMRS provider regulatory fees are calculated and should be paid based on the inclusion of non-geographic numbers. CMRS providers can adjust the total number of subscribers, if needed. This information of telephone numbers (subscriber count) will be posted on the Commission's electronic filing and payment system (Fee Filer).

36. A carrier wishing to revise its telephone number (subscriber) count can do so by accessing Fee Filer and follow the prompts to revise their telephone number counts. Any revisions to the telephone number counts should be accompanied by an explanation or supporting documentation. The Commission will then review the revised count and supporting documentation and either approve or disapprove the submission in Fee Filer. If the submission is disapproved, the Commission will contact the provider to afford the provider an opportunity to discuss its revised subscriber count and/or provide additional supporting documentation. If we receive no response from the provider, or we do not reverse our initial disapproval of the provider's revised count submission, the fee payment must be based on the number of subscribers listed initially in Fee Filer. Once the timeframe for revision has passed, the telephone number counts are final and are the basis upon which CMRS regulatory fees are to be paid. Providers can view their final telephone counts online in Fee

Filer. A final CMRS assessment letter will not be mailed out.

37. Because some carriers do not file the NRUF report, they may not see their telephone number counts in Fee Filer. In these instances, the carriers should compute their fee payment using the standard methodology that is currently in place for CMRS Wireless services (*i.e.*, compute their telephone number counts as of December 31, 2020), and submit their fee payment accordingly. Whether a carrier reviews its telephone number counts in Fee Filer or not, the Commission reserves the right to audit the number of telephone numbers for which regulatory fees are paid. In the event that the Commission determines that the number of telephone numbers that are paid is inaccurate, the Commission will bill the carrier for the difference between what was paid and what should have been paid.

38. *Effective Date.* Providing a 30-day period after **Federal Register** publication before this Report and Order and Notice of Proposed Rulemaking,

becomes effective as normally required by 5 U.S.C. 553(d) will not allow sufficient time to collect the FY 2021 fees before FY 2021 ends on September 30, 2021. For this reason, pursuant to 5 U.S.C. 553(d)(3), we find there is good cause to waive the requirements of section 553(d), and this Report and Order and Notice of Proposed Rulemaking will become effective upon publication in the **Federal Register**. Because payments of the regulatory fees will not actually be due until late September, persons affected by the Report and Order will still have a reasonable period in which to make their payments and thereby comply with the rules established herein.

39. *Final Regulatory Flexibility Analysis.* As required by the Regulatory Flexibility Act of 1980 (RFA) the Commission has prepared a Final Regulatory Flexibility Analysis (FRFA) relating to this Report and Order. The FRFA is contained in the back of this document.

40. *Paperwork Reduction Act of 1995 Analysis.* 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).

41. *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 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 and Notice of Proposed Rulemaking to Congress and the Government Accountability Office pursuant to 5 U.S.C. 801(a)(1)(A).

**List of Tables**

TABLE 1—LIST OF COMMENTERS

Name of commenter	Abbreviated name
Amazon Web Services, Inc	AWS.
ATL Communications, Inc	ATL.
DISH Network L.L.C and AT&T Services, Inc	DISH and DIRECTV.
Iridium Communications Inc	Iridium.
Kepler Communications Inc	Kepler.
Myriota Pty. Ltd	Myriota.
National Association of Broadcasters	NAB.
NCTA—The Internet & Television Association and ACA Connects—America’s Communications Association	NCTA and ACA Connects.
Planet Labs, Inc	Planet.
Space Exploration Holdings, LLC	SpaceX.
Spanish Broadcasting System Holding Company, Inc. and Televiscentro of Puerto Rico, LLC	SBS and Televiscentro.
Cable & Wireless Networks; GlobeNet Cabos Submarinos America, Inc.; GU Holdings Inc., an indirect, wholly-owned subsidiary of Google LLC; Hawaiki Submarine Cable USA LLC; SETAR; and Tata Communications (Americas), Inc.	Submarine Cable Coalition.
Telesat Canada. Space Exploration Holdings, LLC, Kepler Communications Inc., and WorldVu Satellites Limited (d/b/a OneWeb).	NGSO Satellite Coalition.

LIST OF REPLY COMMENTERS

Name of reply commenter	Abbreviated name
Alabama Broadcasters Association, Alaska Broadcasters Association, Arizona Broadcasters Association, Arkansas Broadcasters Association, California Broadcasters Association, Connecticut Broadcasters Association, Florida Association of Broadcasters, Georgia Association of Broadcasters, Hawaii Association of Broadcasters, Idaho State Broadcasters Association, Illinois Broadcasters Association, Indiana Broadcasters Association, Iowa Broadcasters Association, Kansas Association of Broadcasters, Kentucky Broadcasters Association, Louisiana Association of Broadcasters, Maine Association of Broadcasters, MD/DC/DE Broadcasters Association, Massachusetts Broadcasters Association, Michigan Association of Broadcasters, Minnesota Broadcasters Association, Mississippi Association of Broadcasters, Missouri Broadcasters Association, Montana Broadcasters Association, Nebraska Broadcasters Association, Nevada Broadcasters Association, New Hampshire Association of Broadcasters, New Jersey Broadcasters Association, New Mexico Broadcasters Association, The New York State Broadcasters Association, Inc., North Carolina Association of Broadcasters, North Dakota Broadcasters Association, Ohio Association of Broadcasters, Oklahoma Association of Broadcasters, Oregon Association of Broadcasters, Pennsylvania Association of Broadcasters, Radio Broadcasters Association of Puerto Rico, Rhode Island Broadcasters Association, South Carolina Broadcasters Association, South Dakota Broadcasters Association, Tennessee Association of Broadcasters, Texas Association of Broadcasters, Utah Broadcasters Association, Vermont Association of Broadcasters, Virginia Association of Broadcasters, Washington State Association of Broadcasters, West Virginia Broadcasters Association, Wisconsin Broadcasters Association, and Wyoming Association of Broadcasters.	State Broadcasters Associations.
American General Media	AGM.

LIST OF REPLY COMMENTERS—Continued

Name of reply commenter	Abbreviated name
AGM California, Inc., AGM-Nevada, L.L.C., Brayden Madison Broadcasting, LLC, Clarke Broadcasting Corporation, Davis Broadcasting of Atlanta, L.L.C., Davis Broadcasting Inc. of Columbus, Galaxy Syracuse Licensee LLC, Galaxy Utica Licensee LLC, Golden Isles Broadcasting, LLC, Good Karma Broadcasting, LLC, Good Karma Brands Milwaukee, LLC, Gulf South Communications Inc., HEH Communications, LLC, Inland Empire Broadcasting Corporation, JAM Communications, Inc., Kensington Digital Media, L.L.C., Kensington Digital Media of Indiana, L.L.C., Kirkman Broadcasting, Inc., KWHY-22 Broadcasting, LLC, KLOS Radio Holdings, LLC, KXOX Radio Holdings, LLC, L.M. Communications, Inc., L.M. Communications of KY, L.L.C., LM Communications of SC Inc., LM Communications II of SC Inc., Meruelo Radio Holdings, LLC, Mississippi Broadcasters, L.L.C., New South Radio Inc., Partnership Radio, LLC, Pathfinder Communications Corporation, Sarkes Tarzian, Inc., SBR Broadcasting Corporation, Serge Martin Enterprises, Inc., Talking Stick Communications, LLC, Winton Road Broadcasting Co., LLC, and WKLC, Inc.	Joint Radio Broadcasters.
Care Weather Technologies, Inc., Hiber, Inc., Loft Orbital Solutions, Inc., Myriota Pty. Ltd., Totum Labs, Inc., SpaceQuest, Ltd., Fleet Space Technologies Pty., Ltd.	SmallSat Commenters.
Colorado Broadcasters Association, Florida Association of Broadcasters, and Puerto Rico Broadcasters Association.	Joint Broadcasters.
CTIA—The Wireless Association®	CTIA.
Iridium Communications Inc	Iridium.
Kepler Communications Inc	Kepler.
Kineis	Kineis.
Lumen	Lumen.
Maxar Technologies, Inc	Maxar.
National Association of Broadcasters	NAB.
NCTA—The Internet & Television Association and ACA Connects—America’s Communications Association	NCTA and ACA Connects.
Planet Labs, Inc	Planet.
SES Americom, Inc	SES.
Spire Global, Inc	Spire.

TABLE 2—CALCULATION OF FY 2021 REVENUE REQUIREMENTS AND PRO-RATA FEES

[Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.]

Fee category	FY 2021 payment units	Yrs	FY 2020 revenue estimate	Pro-rated FY 2021 revenue requirement	Computed FY 2021 regulatory fee	Rounded FY 2021 reg. fee	Expected FY 2021 revenue
PLMRS (Exclusive Use)	300	10	187,500	75,000	25.00	25	75,000
PLMRS (Shared use)	9,900	10	1,170,000	990,000	10.00	10	990,000
Microwave	19,000	10	3,150,000	4,750,000	25.00	25	4,750,000
Marine (Ship)	6,150	10	1,065,000	922,500	15.00	15	922,500
Aviation (Aircraft)	3,900	10	550,000	390,000	10.00	10	390,000
Marine (Coast)	40	10	36,000	16,000	40.00	40	16,000
Aviation (Ground)	550	10	220,000	110,000	20.00	20	110,000
AM Class A <sup>1</sup>	63	1	296,100	290,869	4,617	4,615	290,745
AM Class B <sup>1</sup>	1,456	1	3,681,450	3,609,310	2,479	2,480	3,610,880
AM Class C <sup>1</sup>	825	1	1,310,400	1,292,416	1,567	1,565	1,291,125
AM Class D <sup>1</sup>	1,397	1	4,356,100	4,269,73	3,056	3,055	4,267,835
FM Classes A, B1 & C3 <sup>1</sup>	3,059	1	9,141,975	8,885,212	2,905	2,905	8,886,395
FM Classes B, C, C0, C1 & C2 <sup>1</sup>	3,118	1	11,246,950	11,102,752	3,561	3,560	11,100,080
AM Construction Permits <sup>2</sup>	6	1	3,660	3,660	610	610	3,660
FM Construction Permits <sup>2</sup>	55	1	64,500	58,850	1,070	1,070	58,850
Digital Television <sup>5</sup> (including Satellite TV)	3.262 billion population	1	25,473,855	25,416,380	.0077927	.007793	25,416,380
Digital TV Construction Permits <sup>2</sup>	4	1	14,850	20,400	5,100	5,100	20,400
LPTV/Class A/Translators FM Trans/Boosters	5,156	1	1,682,100	1,654,836	321	320	1,649,920
CARS Stations	150	1	208,000	233,524	1,557	1,555	233,250
Cable TV Systems, including IPTV & DBS	77,800,000	1	69,511,000	75,900,608	.9756	.98	76,244,000
Interstate Telecommunication Service Providers	\$30,100,000,000	1	98,547,000	120,352,605	0.003998	0.00400	120,400,000
Toll Free Numbers	33,500,000	1	3,960,000	4,135,328	0.12344	0.12	4,020,000
CMRS Mobile Services (Cellular/Public Mobile)	504,000,000	1	72,250,000	76,601,126	0.1520	0.15	75,600,000
CMRS Messaging Services	1,700,000	1	152,000	136,000	0.0800	0.080	136,000
BRS/ <sup>3</sup>	1,250	1	716,800	756,250	605	605	756,250
LMDS	342	1	190,400	206,910	605	605	206,910
Per Gbps circuit Int'l Bearer Circuits Terrestrial (Common & Non-Common) & Satellite (Common & Non-Common)	10,900	1	438,700	465,241	42.68	43	468,700
Submarine Cable Providers (See chart at bottom of Appendix C) <sup>4</sup>	58.188	1	8,280,333	8,839,411	151,913	151,915	8,839,554
Earth Stations	3,000	1	1,680,000	1,791,235	597	595	1,785,000
Space Stations (Geostationary)	147	1	16,092,500	17,177,620	116,855	116,855	17,177,685
Space Stations (Non-Geostationary, Other)	10	1	4,023,000	3,435,525	343,553	343,555	3,435,550
Space Stations (Non-Geostationary, Less Complex)	7	1	.....	858,880	122,697	122,695	858,865
***** Total Estimated Revenue to be Collected	.....	.....	338,940,733	373,897,672	.....	.....	373,920,077
***** Total Revenue Requirement	.....	.....	339,000,000	374,000,000	.....	.....	374,000,000
Difference	.....	.....	(59,267)	(102,328)	.....	.....	(79,923)

Notes on Table 2

<sup>1</sup> The fee amounts listed in the column entitled "Rounded New FY 2021 Regulatory Fee" constitute a weighted average broadcast regulatory fee by class of service. The actual FY 2021 regulatory fees for AM/FM radio station are listed on a grid located at the end of Table 3.

<sup>2</sup> The AM and FM Construction Permit revenues and the Digital (VHF/UHF) Construction Permit revenues were adjusted, respectively, to set the regulatory fee to an amount no higher than the lowest licensed fee for that class of service. Reductions in the Digital (VHF/UHF) Construction Permit revenues, and in the AM and FM Construction Permit revenues, were offset by increases in the revenue totals for Digital television stations by market size, and in the AM and FM radio stations by class size and population served, respectively.

<sup>3</sup> The MDS/MMDS category was renamed Broadband Radio Service (BRS). See Amendment of Parts 1, 21, 73, 74 and 101 of the Commission's Rules to Facilitate the Provision of Fixed and Mobile Broadband Access, Educational and Other Advanced Services in the 2150–2162 and 2500–2690 MHz Bands, Report & Order and Further Notice of Proposed Rulemaking, 19 FCC Rcd 14165, 14169, para. 6 (2004).

<sup>4</sup> The chart at the end of Table 3 lists the submarine cable bearer circuit regulatory fees (common and non-common carrier basis) that resulted from the adoption of the Assessment and Collection of Regulatory Fees for Fiscal Year 2008, Report and Order and Further Notice of Proposed Rulemaking, 24 FCC Rcd 6388 (2008) and Assessment and Collection of Regulatory Fees for Fiscal Year 2008, Second Report and Order, 24 FCC Rcd 4208 (2009). The Submarine Cable fee in Table 2 is a weighted average of the various fee payers in the chart at the end of Table 3.

<sup>5</sup> The actual digital television regulatory fees to be paid by call sign are identified in Table 7.

TABLE 3—FY 2021 SCHEDULE OF REGULATORY FEES

[Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.]

Fee category	Annual regulatory fee (U.S. \$s)
PLMRS (per license) (Exclusive Use) (47 CFR part 90)	25
Microwave (per license) (47 CFR part 101)	25
Marine (Ship) (per station) (47 CFR part 80)	15
Marine (Coast) (per license) (47 CFR part 80)	40
Rural Radio (47 CFR part 22) (previously listed under the Land Mobile category)	10
PLMRS (Shared Use) (per license) (47 CFR part 90)	10
Aviation (Aircraft) (per station) (47 CFR part 87)	10
Aviation (Ground) (per license) (47 CFR part 87)	20
CMRS Mobile/Cellular Services (per unit) (47 CFR parts 20, 22, 24, 27, 80 and 90) (Includes Non-Geographic telephone numbers)	.15
CMRS Messaging Services (per unit) (47 CFR parts 20, 22, 24 and 90)	.08
Broadband Radio Service (formerly MMDS/MDS) (per license) (47 CFR part 27)	605
Local Multipoint Distribution Service (per call sign) (47 CFR part 101)	605
AM Radio Construction Permits	610
FM Radio Construction Permits	1,070
AM and FM Broadcast Radio Station Fees	See Table Below
Digital TV (47 CFR part 73) VHF and UHF Commercial Fee Factor	* \$.007793
Digital TV Construction Permits	5,100
Low Power TV, Class A TV, TV/FM Translators & FM Boosters (47 CFR part 74)	320
CARS (47 CFR part 78)	1,555
Cable Television Systems (per subscriber) (47 CFR part 76), Including IPTV (per subscriber) and Direct Broadcast Satellite (DBS) (per subscriber)	.98
Interstate Telecommunication Service Providers (per revenue dollar)	.00400
Toll Free (per toll free subscriber) (47 CFR section 52.101(f) of the rules)	.12
Earth Stations (47 CFR part 25)	595
Space Stations (per operational station in geostationary orbit) (47 CFR part 25) also includes DBS Service (per operational station) (47 CFR part 100)	116,855
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25) (Other)	343,555
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25) (Less Complex)	122,695
International Bearer Circuits—Terrestrial/Satellites (per Gbps circuit)	\$43
Submarine Cable Landing Licenses Fee (per cable system)	See Table Below

\* See Appendix G for fee amounts due, also available at <https://www.fcc.gov/licensing-databases/fees/regulatory-fees>.

FY 2021 RADIO STATION REGULATORY FEES

Population served	AM Class A	AM Class B	AM Class C	AM Class D	FM Classes A, B1 & C3	FM Classes B, C, C0, C1 & C2
<=25,000	\$975	\$700	\$610	\$670	\$1,070	\$1,220
25,001–75,000	1,465	1,050	915	1,000	1,605	1,830
75,001–150,000	2,195	1,575	1,375	1,510	2,410	2,745
150,001–500,000	3,295	2,365	2,060	2,265	3,615	4,125
500,001–1,200,000	4,935	3,540	3,085	3,390	5,415	6,175
1,200,001–3,000,000	7,410	5,320	4,635	5,090	8,130	9,270
3,000,001–6,000,000	11,105	7,975	6,950	7,630	12,185	13,895
>6,000,000	16,665	11,965	10,425	11,450	18,285	20,850

FY 2021 INTERNATIONAL BEARER CIRCUITS—SUBMARINE CABLE SYSTEMS

Submarine cable systems (capacity as of December 31, 2020)	Fee ratio (units)	FY 2021 regulatory fees
Less than 50 Gbps	.0625	\$9,495

FY 2021 INTERNATIONAL BEARER CIRCUITS—SUBMARINE CABLE SYSTEMS—Continued

Submarine cable systems (capacity as of December 31, 2020)	Fee ratio (units)	FY 2021 regu- latory fees
50 Gbps or greater, but less than 250 Gbps .....	.125	18,990
250 Gbps or greater, but less than 1,500 Gbps .....	.25	37,980
1,500 Gbps or greater, but less than 3,500 Gbps .....	.5	75,955
3,500 Gbps or greater, but less than 6,500 Gbps .....	1.0 Unit	151,910
6,500 Gbps or greater .....	2.0	303,820

**Table 4—Sources of Payment Unit Estimates for FY 2021**

In order to calculate individual service fees for FY 2021, we adjusted FY 2020 payment units for each service to more accurately reflect expected FY 2021 payment liabilities. We obtained our updated estimates through a variety of means and sources. For example, we used Commission licensee data bases, actual prior year payment records and industry and trade association projections, when available. The databases we consulted include our Universal Licensing System (ULS), International Bureau Filing System (IBFS), Consolidated Database System (CDBS), Licensing and Management System (LMS) and Cable Operations and Licensing System (COALS), as well as

reports generated within the Commission such as the Wireless Telecommunications Bureau’s *Numbering Resource Utilization Forecast*. Regulatory fee payment units are not all the same for all fee categories. For most fee categories, the term “units” reflect licenses or permits that have been issued, but for other fee categories, the term “units” reflect quantities such as subscribers, population counts, circuit counts, telephone numbers, and revenues.

We sought verification for these estimates from multiple sources and, in all cases, we compared FY 2021 estimates with actual FY 2020 payment units to ensure that our revised estimates were reasonable. Where appropriate, we adjusted and/or

rounded our final estimates to take into consideration the fact that certain variables that impact on the number of payment units cannot yet be estimated with sufficient accuracy. These include an unknown number of waivers and/or exemptions that may occur in FY 2021 and the fact that, in many services, the number of actual licensees or station operators fluctuates from time to time due to economic, technical, or other reasons. When we note, for example, that our estimated FY 2021 payment units are based on FY 2020 actual payment units, it does not necessarily mean that our FY 2021 projection is exactly the same number as in FY 2020. We have either rounded the FY 2020 number or adjusted it slightly to account for these variables.

Fee category	Sources of payment unit estimates
Land Mobile (All), Microwave, Marine (Ship & Coast), Aviation (Aircraft & Ground), Domestic Public Fixed.	Based on Wireless Telecommunications Bureau (WTB) projections of new applications and renewals taking into consideration existing Commission licensee data bases. Aviation (Aircraft) and Marine (Ship) estimates have been adjusted to take into consideration the licensing of portions of these services on a voluntary basis.
CMRS Cellular/Mobile Services .....	Based on WTB projection reports, and FY 2020 payment data.
CMRS Messaging Services .....	Based on WTB reports, and FY 2020 payment data.
AM/FM Radio Stations .....	Based on CDBS data, adjusted for exemptions, and actual FY 2020 payment units.
Digital TV Stations (Combined VHF/UHF units) .....	Based on LMS data, fee rate adjusted for exemptions, and population figures are calculated based on individual station parameters.
AM/FM/TV Construction Permits .....	Based on CDBS data, adjusted for exemptions, and actual FY 2020 payment units.
LPTV, Translators and Boosters, Class A Television .....	Based on LMS data, adjusted for exemptions, and actual FY 2020 payment units.
BRS (formerly MDS/MMDS) LMDS .....	Based on WTB reports and actual FY 2020 payment units. Based on WTB reports and actual FY 2020 payment units.
Cable Television Relay Service (CARS) Stations .....	Based on data from Media Bureau’s COALS database and actual FY 2020 payment units.
Cable Television System Subscribers, Including IPTV Subscribers.	Based on publicly available data sources for estimated subscriber counts and actual FY 2020 payment units.
Interstate Telecommunication Service Providers .....	Based on FCC Form 499–Q data for the four quarters of calendar year 2020, the Wireline Competition Bureau projected the amount of calendar year 2020 revenue that will be reported on the 2021 FCC Form 499–A worksheets due in April 2021.
Earth Stations .....	Based on International Bureau licensing data and actual FY 2020 payment units.
Space Stations (GSOs & NGSOs) .....	Based on International Bureau data reports and actual FY 2020 payment units.
International Bearer Circuits .....	Based on International Bureau reports and submissions by licensees, adjusted as necessary, and actual FY 2020 payment units.
Submarine Cable Licenses .....	Based on International Bureau license information, and actual FY 2020 payment units.

**Table 5—Factors, Measurements, and Calculations That Determine Station Signal Contours and Associated Population Coverages**

*AM Stations*

For stations with nondirectional daytime antennas, the theoretical

radiation was used at all azimuths. For stations with directional daytime antennas, specific information on each day tower, including field ratio, phase, spacing, and orientation was retrieved, as well as the theoretical pattern root-mean-square of the radiation in all directions in the horizontal plane (RMS)

figure (milliVolt per meter (mV/m) @1 km) for the antenna system. The standard, or augmented standard if pertinent, horizontal plane radiation pattern was calculated using techniques and methods specified in sections 73.150 and 73.152 of the Commission’s rules. Radiation values were calculated

for each of 360 radials around the transmitter site. Next, estimated soil conductivity data was retrieved from a database representing the information in FCC Figure R3. Using the calculated horizontal radiation values, and the retrieved soil conductivity data, the distance to the principal community (5 mV/m) contour was predicted for each of the 360 radials. The resulting distance to principal community contours were used to form a geographical polygon. Population counting was accomplished by determining which 2010 block centroids were contained in the polygon. (A block centroid is the center point of a small area containing population as computed by the U.S. Census Bureau.) The sum of

the population figures for all enclosed blocks represents the total population for the predicted principal community coverage area.

*FM Stations*

The greater of the horizontal or vertical effective radiated power (ERP) (kW) and respective height above average terrain (HAAT) (m) combination was used. Where the antenna height above mean sea level (HAMSL) was available, it was used in lieu of the average HAAT figure to calculate specific HAAT figures for each of 360 radials under study. Any available directional pattern information was applied as well, to produce a radial-specific ERP figure. The HAAT and ERP

figures were used in conjunction with the Field Strength (50–50) propagation curves specified in 47 CFR 73.313 of the Commission’s rules to predict the distance to the principal community (70 dBu (decibel above 1 microVolt per meter) or 3.17 mV/m) contour for each of the 360 radials. The resulting distance to principal community contours were used to form a geographical polygon. Population counting was accomplished by determining which 2010 block centroids were contained in the polygon. The sum of the population figures for all enclosed blocks represents the total population for the predicted principal community coverage area.

TABLE 6—SATELLITE CHARTS FOR FY 2021 REGULATORY FEES  
[U.S.-licensed space stations]

Licensee	Call sign	Satellite name	Type
DIRECTV Enterprises, LLC	S2922	SKY-B1	GSO
DIRECTV Enterprises, LLC	S2640	DIRECTV T11	GSO
DIRECTV Enterprises, LLC	S2711	DIRECTV RB-1	GSO
DIRECTV Enterprises, LLC	S2632	DIRECTV T8	GSO
DIRECTV Enterprises, LLC	S2669	DIRECTV T9S	GSO
DIRECTV Enterprises, LLC	S2641	DIRECTV T10	GSO
DIRECTV Enterprises, LLC	S2797	DIRECTV T12	GSO
DIRECTV Enterprises, LLC	S2930	DIRECTV T15	GSO
DIRECTV Enterprises, LLC	S2673	DIRECTV T5	GSO
DIRECTV Enterprises, LLC	S2455	DIRECTV T7S	GSO
DIRECTV Enterprises, LLC	S2133	SPACEWAY 2	GSO
DIRECTV Enterprises, LLC	S3039	DIRECTV T16	GSO
DISH Operating L.L.C	S2931	ECHOSTAR 18	GSO
DISH Operating L.L.C	S2738	ECHOSTAR 11	GSO
DISH Operating L.L.C	S2694	ECHOSTAR 10	GSO
DISH Operating L.L.C	S2740	ECHOSTAR 7	GSO
DISH Operating L.L.C	S2790	ECHOSTAR 14	GSO
EchoStar Satellite Operating Corporation	S2811	ECHOSTAR 15	GSO
EchoStar Satellite Operating Corporation	S2844	ECHOSTAR 16	GSO
EchoStar Satellite Operating Corporation	S2653	ECHOSTAR 12	GSO
EchoStar Satellite Services L.L.C	S2179	ECHOSTAR 9	GSO
ES 172 LLC	S2610	EUTELSAT 174A	GSO
ES 172 LLC	S3021	EUTELSAT 172B	GSO
Horizon-3 Satellite LLC	S2947	HORIZONS-3e	GSO
Hughes Network Systems, LLC	S2663	SPACEWAY 3	GSO
Hughes Network Systems, LLC	S2834	ECHOSTAR 19	GSO
Hughes Network Systems, LLC	S2753	ECHOSTAR XVII	GSO
Intelsat License LLC/ViaSat, Inc	S2160	GALAXY 28	GSO
Intelsat License LLC, Debtor-in-Possession	S2414	INTELSAT 10-02	GSO
Intelsat License LLC, Debtor-in-Possession	S2972	INTELSAT 37e	GSO
Intelsat License LLC, Debtor-in-Possession	S2854	NSS-7	GSO
Intelsat License LLC, Debtor-in-Possession	S2409	INTELSAT 905	GSO
Intelsat License LLC, Debtor-in-Possession	S2405	INTELSAT 901	GSO
Intelsat License LLC, Debtor-in-Possession	S2408	INTELSAT 904	GSO
Intelsat License LLC, Debtor-in-Possession	S2804	INTELSAT 25	GSO
Intelsat License LLC, Debtor-in-Possession	S2959	INTELSAT 35e	GSO
Intelsat License LLC, Debtor-in-Possession	S2237	INTELSAT 11	GSO
Intelsat License LLC, Debtor-in-Possession	S2785	INTELSAT 14	GSO
Intelsat License LLC, Debtor-in-Possession	S2913	INTELSAT 29E	GSO
Intelsat License LLC, Debtor-in-Possession	S2380	INTELSAT 9	GSO
Intelsat License LLC, Debtor-in-Possession	S2831	INTELSAT 23	GSO
Intelsat License LLC, Debtor-in-Possession	S2915	INTELSAT 34	GSO
Intelsat License LLC, Debtor-in-Possession	S2863	INTELSAT 21	GSO
Intelsat License LLC, Debtor-in-Possession	S2750	INTELSAT 16	GSO
Intelsat License LLC, Debtor-in-Possession	S2715	GALAXY 17	GSO
Intelsat License LLC, Debtor-in-Possession	S2154	GALAXY 25	GSO
Intelsat License LLC, Debtor-in-Possession	S2253	GALAXY 11	GSO
Intelsat License LLC, Debtor-in-Possession	S2381	GALAXY 3C	GSO
Intelsat License LLC, Debtor-in-Possession	S2887	INTELSAT 30	GSO

TABLE 6—SATELLITE CHARTS FOR FY 2021 REGULATORY FEES—Continued  
[U.S.-licensed space stations]

Licensee	Call sign	Satellite name	Type
Intelsat License LLC, Debtor-in-Possession	S2924	INTELSAT 31	GSO
Intelsat License LLC, Debtor-in-Possession	S2647	GALAXY 19	GSO
Intelsat License LLC, Debtor-in-Possession	S2687	GALAXY 16	GSO
Intelsat License LLC, Debtor-in-Possession	S2733	GALAXY 18	GSO
Intelsat License LLC, Debtor-in-Possession	S2385	GALAXY 14	GSO
Intelsat License LLC, Debtor-in-Possession	S2386	GALAXY 13	GSO
Intelsat License LLC, Debtor-in-Possession	S2422	GALAXY 12	GSO
Intelsat License LLC, Debtor-in-Possession	S2387	GALAXY 15	GSO
Intelsat License LLC, Debtor-in-Possession	S2704	INTELSAT 5	GSO
Intelsat License LLC, Debtor-in-Possession	S2817	INTELSAT 18	GSO
Intelsat License LLC, Debtor-in-Possession	S2960	JCSAT-RA	GSO
Intelsat License LLC, Debtor-in-Possession	S2850	INTELSAT 19	GSO
Intelsat License LLC, Debtor-in-Possession	S2368	INTELSAT 1R	GSO
Intelsat License LLC, Debtor-in-Possession	S2988	TELKOM-2	GSO
Intelsat License LLC, Debtor-in-Possession	S2789	INTELSAT 15	GSO
Intelsat License LLC, Debtor-in-Possession	S2423	HORIZONS 2	GSO
Intelsat License LLC, Debtor-in-Possession	S2846	INTELSAT 22	GSO
Intelsat License LLC, Debtor-in-Possession	S2847	INTELSAT 20	GSO
Intelsat License LLC, Debtor-in-Possession	S2948	INTELSAT 36	GSO
Intelsat License LLC, Debtor-in-Possession	S2814	INTELSAT 17	GSO
Intelsat License LLC, Debtor-in-Possession	S2410	INTELSAT 906	GSO
Intelsat License LLC, Debtor-in-Possession	S2406	INTELSAT 902	GSO
Intelsat License LLC, Debtor-in-Possession	S2939	INTELSAT 33e	GSO
Intelsat License LLC, Debtor-in-Possession	S2382	INTELSAT 10	GSO
Intelsat License LLC, Debtor-in-Possession	S2751	NEW DAWN	GSO
Intelsat License LLC, Debtor-in-Possession	S3023	INTELSAT 39	GSO
Leidos, Inc	S2371	LM-RPS2	GSO
Ligado Networks Subsidiary, LLC	S2358	SKYTERRA-1	GSO
Ligado Networks Subsidiary, LLC	AMSC-1	MSAT-2	GSO
Novavision Group, Inc	S2861	DIRECTV KU-79W	GSO
Satellite CD Radio LLC	S2812	FM-6	GSO
SES Americom, Inc	S2415	NSS-10	GSO
SES Americom, Inc	S2162	AMC-3	GSO
SES Americom, Inc	S2347	AMC-6	GSO
SES Americom, Inc	S2134	AMC-2	GSO
SES Americom, Inc	S2826	SES-2	GSO
SES Americom, Inc	S2807	SES-1	GSO
SES Americom, Inc	S2892	SES-3	GSO
SES Americom, Inc	S2180	AMC-15	GSO
SES Americom, Inc	S2445	AMC-1	GSO
SES Americom, Inc	S2135	AMC-4	GSO
SES Americom, Inc	S2155	AMC-7	GSO
SES Americom, Inc	S2713	AMC-18	GSO
SES Americom, Inc	S2433	AMC-11	GSO
SES Americom, Inc/Alascom, Inc	S2379	AMC-8	GSO
SES Americom, Inc/EchoStar Satellite Services L.L.C	S2181	AMC-16	GSO
Sirius XM Radio Inc	S2710	FM-5	GSO
Skynet Satellite Corporation	S2933	TELSTAR 12V	GSO
Skynet Satellite Corporation	S2357	TELSTAR 11N	GSO
ViaSat, Inc	S2747	VIASAT-1	GSO
XM Radio LLC	S2617	XM-3	GSO
XM Radio LLC	S2616	XM-4	GSO
XM Radio LLC	S2786	XM-5	GSO

NON-U.S.-LICENSED SPACE STATIONS—MARKET ACCESS THROUGH PETITION FOR DECLARATORY RULING

Licensee	Call sign	Satellite common name	Satellite type
ABS Global Ltd	S2987	ABS-3A	GSO
DBSD Services Ltd	S2651	DBSD G1	GSO
Empresa Argentina de Soluciones Satelitales S.A	S2956	ARSAT-2	GSO
European Telecommunications Satellite Organization	S2596	Atlantic Bird 2	GSO
European Telecommunications Satellite Organization	S3031	EUTELSAT 133 WEST A	GSO
Eutelsat S.A	S3056	EUTELSAT 8 WEST B	GSO
Gamma Acquisition L.L.C.	S2633	TerreStar 1	GSO
Hisparmar Satélites, S.A	S2793	AMAZONAS-2	GSO
Hisparmar Satélites, S.A	S2886	AMAZONAS-3	GSO
Hispasat, S.A	S2969	HISPASAT 30W-6	GSO
Inmarsat PLC	S2932	Inmarsat-4 F3	GSO
Inmarsat PLC	S2949	Inmarsat-3 F5	GSO

NON-U.S.-LICENSED SPACE STATIONS—MARKET ACCESS THROUGH PETITION FOR DECLARATORY RULING—Continued

Licensee	Call sign	Satellite common name	Satellite type
Inmarsat Mobile Networks, Inc	E150028	Inmarsat 5F3	GSO
Intelsat License LLC	S2592/S2868	Galaxy 23	GSO
Intelsat License LLC	S3058	HISPASAT 143W-1	GSO
New Skies Satellites B.V	S2756	NSS-9	GSO
New Skies Satellites B.V	S2870	SES-6	GSO
New Skies Satellites B.V	S3048	NSS-6	GSO
New Skies Satellites B.V	S2828	SES-4	GSO
New Skies Satellites B.V	S2950	SES-10	GSO
Satelites Mexicanos, S.A. de C.V	S2695	EUTELSAT 113 WEST A	GSO
Satelites Mexicanos, S.A. de C.V	S2926	EUTELSAT 117 WEST B	GSO
Satelites Mexicanos, S.A. de C.V	S2938	EUTELSAT 115 WEST B	GSO
Satelites Mexicanos, S.A. de C.V	S2873	EUTELSAT 117 WEST A	GSO
SES Satellites (Gibraltar) Ltd	S2676	AMC 21	GSO
SES Americom, Inc	S3037	NSS-11	GSO
SES Americom, Inc	S2964	SES-11	GSO
SES DTH do Brasil Ltda	S2974	SES-14	GSO
SES Satellites (Gibraltar) Ltd	S2951	SES-15	GSO
Embratel Tvsat Telecomunicacoes S.A	S2677	STAR ONE C1	GSO
Embratel Tvsat Telecomunicacoes S.A	S2678	STAR ONE C2	GSO
Embratel Tvsat Telecomunicacoes S.A	S2845	STAR ONE C3	GSO
Telesat Brasil Capacidade de Satelites Ltda	S2821	ESTRELA DO SUL 2	GSO
Telesat Canada	S2674	ANIK F1R	GSO
Telesat Canada	S2703	ANIK F3	GSO
Telesat Canada	S2646/S2472	ANIK F2	GSO
Telesat International Ltd	S2955	TELSTAR 19 VANTAGE	GSO
Viasat, Inc	S2902	VIASAT-2	GSO

NON-U.S.-LICENSED SPACE STATIONS—MARKET ACCESS THROUGH EARTH STATION LICENSES

ITU name (if available)	Common name	Call sign	GSO/NGSO
APSTAR V	APSTAR 5	E980250	GSO
AUSSAT B 152E	OPTUS D2	M221170	GSO
CAN-BSS3 and CAN-BSS	ECHOSTAR 23	SM1987/SM2975	GSO
Ciel Satellite Group	Ciel-2	E050029	GSO
Eutelsat 65 West A	Eutelsat 65 West A	E160081	GSO
INMARSAT 3F3	INMARSAT 3F3	E000284	GSO
INMARSAT 4F1	INMARSAT 4F1	KA25	GSO
INMARSAT 5F2	INMARSAT 5F2	E120072	GSO
JCSAT-2B	JCSAT-2B	M174163	GSO
NIMIQ 5	NIMIQ 5	E080107	GSO
MSAT-1	MSAT-1	E980179	GSO
QUETZSAT-1(MEX)	QUETZSAT-1	NUS1101	GSO
Superbird C2	Superbird C2	M334100	GSO
WILDBLUE-1	WILDBLUE-1	E040213	GSO
Yamal 300K	Yamal 300K	M174162	GSO

NON-GEOSTATIONARY SPACE STATIONS (NGSO)

ITU name (if available)	Common name	Call sign	NGSO
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U.S.-Licensed NGSO Systems

ORBCOMM License Corp	ORBCOMM	S2103	Other.
Iridium Constellation LLC	IRIDIUM	S2110	Other.
Space Exploration Holdings, LLC	SPACEX Ku/Ka-Band	S2983/S3018	Other.
Swarm Technologies	SWARM	S3041	Other.
Planet Labs	Flock	S2912	Less Complex.
Planet Labs	Skysats	S2862	Less Complex.
Maxar License	WorldView 1,2,3 & 4	S2129/S2348	Less Complex.
BlackSky Global	Global 1,2,3 & 4	S3032	Less Complex.
Astro Digital U.S., Inc	LANDMAPPER	S3014	Less Complex.
Hawkeye 360	HE360	S3042	Less Complex.

Non-U.S.-Licensed NGSO Systems—Market Access Through Petition for Declaratory Ruling

Telesat Canada	TELESAT Ku/Ka-Band	S2976	Other.
Kepler Communications, Inc	KEPLER	S2981	Other.
WorldVu Satellites Ltd	ONEWEB	S2963	Other.

NON-GEOSTATIONARY SPACE STATIONS (NGSO)—Continued

ITU name (if available)	Common name	Call sign	NGSO
Hiber Inc .....	HIBER .....	S3038 .....	Other.
O3b Ltd .....	O3b .....	S2935 .....	Other.

**NGSO Systems That Are Partly U.S.-Licensed and Partly Non-U.S.-Licensed With Market Access Through Petition for Declaratory Ruling**

Globalstar License LLC .....	GLOBALSTAR .....	S2115 .....	Other.
Spire Global .....	LEMUR & MINAS .....	S2946/S3045 .....	Less Complex.

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
3246 .....	KAH-TV .....	955,391	879,906	\$6,857
18285 .....	KAAL .....	589,502	568,169	4,428
11912 .....	KAAS-TV .....	220,262	219,922	1,714
56528 .....	KABB .....	2,474,296	2,456,689	19,145
282 .....	KABC-TV .....	17,540,791	16,957,292	132,148
1236 .....	KACV-TV .....	372,627	372,330	2,902
33261 .....	KADN-TV .....	877,965	877,965	6,842
8263 .....	KAEF-TV .....	138,085	122,808	957
2728 .....	KAET .....	4,217,217	4,184,386	32,609
2767 .....	KAFT .....	1,204,376	1,122,928	8,751
62442 .....	KAID .....	711,035	702,721	5,476
4145 .....	KAIL-TV .....	188,810	165,396	1,289
67494 .....	KAIL .....	1,967,744	1,948,341	15,183
13988 .....	KAIT .....	861,149	845,812	6,591
40517 .....	KAJB .....	383,886	383,195	2,986
65522 .....	KAKE .....	803,937	799,254	6,229
804 .....	KAKM .....	380,240	379,105	2,954
148 .....	KAKW-DT .....	2,615,956	2,531,813	19,730
51598 .....	KALB-TV .....	943,307	942,043	7,341
51241 .....	KALO .....	948,683	844,503	6,581
40820 .....	KAMC .....	391,526	391,502	3,051
8523 .....	KAMR-TV .....	366,476	366,335	2,855
65301 .....	KAMU-TV .....	346,892	342,455	2,669
2506 .....	KAPP .....	319,797	283,944	2,213
3658 .....	KARD .....	703,234	700,887	5,462
23079 .....	KARE .....	3,924,944	3,907,483	30,451
33440 .....	KARK-TV .....	1,212,038	1,196,196	9,322
37005 .....	KARZ-TV .....	1,066,386	1,050,270	8,185
32311 .....	KASA-TV .....	1,161,789	1,119,108	8,721
41212 .....	KASN .....	1,175,627	1,159,721	9,038
7143 .....	KASW .....	4,174,437	4,160,497	32,423
55049 .....	KASY-TV .....	1,144,839	1,099,825	8,571
33471 .....	KATC .....	1,348,897	1,348,897	10,512
13813 .....	KATN .....	97,466	97,128	757
21649 .....	KATU .....	2,977,993	2,845,582	22,176
33543 .....	KATV .....	1,257,777	1,234,933	9,624
50182 .....	KAUT-TV .....	1,637,333	1,636,330	12,752
6864 .....	KAUZ-TV .....	381,671	379,435	2,957
73101 .....	KAVU-TV .....	319,618	319,484	2,490
49579 .....	KAWB .....	186,919	186,845	1,456
49578 .....	KAWF .....	136,033	133,937	1,044
58684 .....	KAYU-TV .....	809,464	750,766	5,851
29234 .....	KAZA-TV .....	14,973,535	13,810,130	107,622
17433 .....	KAZD .....	6,776,778	6,774,172	52,791
1151 .....	KAZQ .....	1,097,010	1,084,327	8,450
35811 .....	KAZT-TV .....	436,925	359,273	2,800
4148 .....	KBAK-TV .....	1,510,400	1,263,910	9,850
16940 .....	KBCA .....	479,260	479,219	3,735
53586 .....	KBCB .....	1,256,193	1,223,883	9,538
69619 .....	KBCW .....	8,227,562	7,375,199	57,475
22685 .....	KBDI-TV .....	4,042,177	3,683,394	28,705
56384 .....	KBEH .....	17,736,497	17,695,306	137,900
65395 .....	KBFD-DT .....	953,207	834,341	6,502
169030 .....	KBGS-TV .....	159,269	156,802	1,222
61068 .....	KBHE-TV .....	140,860	133,082	1,037
48556 .....	KBIM-TV .....	205,701	205,647	1,603

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
29108	KBIN-TV	912,921	911,725	7,105
33658	KBJR-TV	275,585	271,298	2,114
83306	KBLN-TV	297,384	134,927	1,051
63768	KBLR	1,964,979	1,915,861	14,930
53324	KBME-TV	123,571	123,485	962
10150	KBMT	743,009	742,369	5,785
22121	KBMY	119,993	119,908	934
49760	KBOI-TV	715,191	708,374	5,520
55370	KBRR	149,869	149,868	1,168
66414	KBSD-DT	155,012	154,891	1,207
66415	KBSH-DT	102,781	100,433	783
19593	KBSI	756,501	754,722	5,882
66416	KBSL-DT	49,814	48,483	378
4939	KBSV	1,352,166	1,262,708	9,840
62469	KBTC-TV	3,697,981	3,621,965	28,226
61214	KBTX-TV	734,008	734,008	5,720
6669	KBTX-TV	4,404,648	4,401,048	34,297
35909	KBVO	1,498,015	1,312,360	10,227
58618	KBVU	135,249	120,827	942
6823	KBYU-TV	2,389,548	2,209,060	17,215
33756	KBZK	120,807	107,817	840
21422	KCAL-TV	17,499,483	16,889,157	131,617
11265	KCAU-TV	714,315	706,224	5,504
14867	KCBA	3,088,394	2,369,803	18,468
27507	KCBD	414,804	414,091	3,227
9628	KCBS-TV	17,853,152	16,656,778	129,806
49750	KCBY-TV	89,156	73,211	571
33710	KCCI	1,102,130	1,095,326	8,536
9640	KCCW-TV	284,280	276,935	2,158
63158	KCDO-TV	2,798,103	2,650,225	20,653
62424	KCDT	698,389	657,101	5,121
83913	KCEB	1,163,228	1,159,665	9,037
57219	KCEC	3,831,192	3,613,287	28,158
10245	KCEN-TV	1,795,767	1,757,018	13,692
13058	KCET	16,875,019	15,402,588	120,032
18079	KCFW-TV	148,162	129,122	1,006
132606	KCGE-DT	123,930	123,930	966
60793	KCHF	1,118,671	1,085,205	8,457
33722	KCIT	382,477	381,818	2,976
62468	KCKA	953,680	804,362	6,268
41969	KCLO-TV	138,413	132,157	1,030
47903	KCNC-TV	3,794,400	3,541,089	27,596
71586	KCNS	8,270,858	7,381,656	57,525
33742	KCOP-TV	17,386,133	16,647,708	129,736
19117	KCOS	1,014,396	1,014,205	7,904
63165	KCOY-TV	664,655	459,468	3,581
33894	KCPQ	4,439,875	4,311,994	33,603
53843	KCPT	2,507,879	2,506,224	19,531
33875	KCRA-TV	10,612,483	6,500,774	50,661
9719	KCRG-TV	1,136,762	1,107,130	8,628
60728	KCSD-TV	273,553	273,447	2,131
59494	KCSG	174,814	164,765	1,284
33749	KCTS-TV	4,177,824	4,115,603	32,073
41230	KCTV	2,547,456	2,545,645	19,838
58605	KCVU	630,068	616,068	4,801
10036	KCWC-DT	44,216	39,439	307
64444	KCWE	2,460,172	2,458,913	19,162
51502	KCWI-TV	1,043,811	1,042,642	8,125
42008	KCWO-TV	50,707	50,685	395
166511	KCWV	207,398	207,370	1,616
24316	KCWX	3,961,268	3,954,787	30,820
68713	KCWY-DT	79,948	79,414	619
22201	KDAF	6,648,507	6,645,226	51,786
33764	KDBC-TV	1,015,564	1,015,162	7,911
79258	KDCK	43,088	43,067	336
166332	KDCU-DT	796,251	795,504	6,199
38375	KDEN-TV	3,376,799	3,351,182	26,116
17037	KDFI	6,684,439	6,682,487	52,077
33770	KDFW	6,659,312	6,657,023	51,878
29102	KDIN-TV	1,088,376	1,083,845	8,446
25454	KDKA-TV	3,611,796	3,450,690	26,891

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
60740	KDKF	71,413	64,567	503
4691	KDLH	263,422	260,394	2,029
41975	KDLO-TV	208,354	208,118	1,622
55379	KDLT-TV	639,284	628,281	4,896
55375	KDLV-TV	96,873	96,620	753
25221	KDMD	375,328	373,408	2,910
78915	KDMI	1,141,990	1,140,939	8,891
56524	KDNL-TV	2,987,219	2,982,311	23,241
24518	KDOC-TV	17,503,793	16,701,233	130,153
1005	KDOR-TV	1,112,060	1,108,556	8,639
60736	KDRV	519,706	440,002	3,429
61064	KDSD-TV	64,314	59,635	465
53329	KDSE	42,896	41,432	323
56527	KDSM-TV	1,096,220	1,095,478	8,537
49326	KDTN	6,602,327	6,600,186	51,435
83491	KDTP	26,564	24,469	191
33778	KDTV-DT	7,959,349	7,129,638	55,561
67910	KDTX-TV	6,680,738	6,679,424	52,053
126	KDVR	3,644,912	3,521,884	27,446
18084	KECI-TV	211,745	193,803	1,510
51208	KECY-TV	399,372	394,379	3,073
58408	KEDT	513,683	513,683	4,003
55435	KEET	177,313	159,960	1,247
41983	KELO-TV	705,364	646,126	5,035
34440	KEMO-TV	8,270,858	7,381,656	57,525
2777	KEMV	619,889	559,135	4,357
26304	KENS	2,544,094	2,529,382	19,711
63845	KENV-DT	47,220	40,677	317
18338	KENW	87,017	87,017	678
50591	KEPB-TV	576,964	523,655	4,081
56029	KEPR-TV	453,259	433,260	3,376
49324	KERA-TV	6,681,083	6,677,852	52,041
40878	KERO-TV	1,285,357	1,164,979	9,079
61067	KESD-TV	166,018	159,195	1,241
25577	KESQ-TV	1,334,172	572,057	4,458
50205	KETA-TV	1,702,441	1,688,227	13,156
62182	KETC	2,913,924	2,911,313	22,688
37101	KETD	3,323,570	3,285,231	25,602
2768	KETG	426,883	409,511	3,191
12895	KETH-TV	6,088,821	6,088,677	47,449
55643	KETK-TV	1,031,567	1,030,122	8,028
2770	KETS	1,185,111	1,166,796	9,093
53903	KETV	1,355,714	1,350,740	10,526
92872	KETZ	526,890	523,877	4,083
68853	KEYC-TV	544,900	531,079	4,139
33691	KEYE-TV	2,732,257	2,652,529	20,671
60637	KEYT-TV	1,419,564	1,239,577	9,660
83715	KEYU	339,348	339,302	2,644
34406	KEZI	1,113,171	1,065,880	8,306
34412	KFBB-TV	93,519	91,964	717
125	KFCT	795,114	788,747	6,147
51466	KFDA-TV	385,064	383,977	2,992
22589	KFDM	732,665	732,588	5,709
65370	KFDX-TV	381,703	381,318	2,972
49264	KFFV	4,020,926	3,987,153	31,072
12729	KFFX-TV	409,952	403,692	3,146
83992	KFJX	515,708	505,647	3,941
42122	KFMB-TV	3,947,735	3,699,981	28,834
53321	KFME	393,045	392,472	3,059
74256	KFNB	80,382	79,842	622
21613	KFNE	54,988	54,420	424
21612	KFNR	10,988	10,965	85
66222	KFOR-TV	1,616,459	1,615,614	12,590
33716	KFOX-TV	1,023,999	1,018,549	7,938
41517	KFPH-DT	347,579	282,838	2,204
81509	KFPX-TV	963,969	963,846	7,511
31597	KFQX	186,473	163,637	1,275
59013	KFRE-TV	1,721,275	1,705,484	13,291
51429	KFSF-DT	7,348,828	6,528,430	50,876
66469	KFSM-TV	906,728	884,919	6,896
8620	KFSN-TV	1,836,607	1,819,585	14,180

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
29560	KFTA-TV	818,859	809,173	6,306
83714	KFTC	61,990	61,953	483
60537	KFTH-DT	6,080,688	6,080,373	47,384
60549	KFTR-DT	17,560,679	16,305,726	127,071
61335	KFTS	74,936	65,126	508
81441	KFTU-DT	113,876	109,731	855
34439	KFTV-DT	1,794,984	1,779,917	13,871
36917	KFVE	953,895	851,585	6,636
592	KFVS-TV	895,871	873,777	6,809
29015	KFWD	6,610,836	6,598,496	51,422
35336	KFXA	875,538	874,070	6,812
17625	KFXB-TV	373,280	368,466	2,871
70917	KFXK-TV	934,043	931,791	7,261
84453	KFXL-TV	862,531	854,678	6,661
41427	KFYR-TV	130,881	128,301	1,000
25685	KGAN	1,083,213	1,057,597	8,242
34457	KGBT-TV	1,230,798	1,230,791	9,592
52593	KGBY	270,089	218,544	1,703
7841	KGCW	949,575	945,476	7,368
24485	KGEB	1,186,225	1,150,201	8,964
34459	KGET-TV	917,927	874,332	6,814
53320	KGFE	114,564	114,564	893
7894	KGIN	230,535	228,338	1,779
83945	KGLA-DT	1,645,641	1,645,641	12,824
34445	KGMB	953,398	851,088	6,633
23302	KGMC	1,824,786	1,803,796	14,057
36914	KGMD-TV	94,323	93,879	732
36920	KGMV	193,564	162,230	1,264
10061	KGNS-TV	267,236	259,548	2,023
34470	KGO-TV	8,637,074	7,929,294	61,793
56034	KGPE	1,699,131	1,682,082	13,108
81694	KGPE-TV	685,626	624,955	4,870
25511	KGTF	161,885	160,568	1,251
40876	KGTV	3,960,667	3,682,219	28,696
36918	KGUN-TV	1,398,527	1,212,484	9,449
34874	KGW	3,058,216	2,881,387	22,455
63177	KGWC-TV	80,475	80,009	624
63162	KGWL-TV	38,125	38,028	296
63166	KGWN-TV	469,467	440,388	3,432
63170	KGWR-TV	51,315	50,957	397
4146	KHAW-TV	95,204	94,851	739
34846	KHBC-TV	74,884	74,884	584
60353	KHBS	631,770	608,052	4,739
27300	KHCE-TV	2,353,883	2,348,391	18,301
26431	KHET	959,060	944,568	7,361
21160	KHGI-TV	233,973	229,173	1,786
29085	KHIN	1,041,244	1,039,383	8,100
17688	KHME	181,345	179,706	1,400
47670	KHMT	175,601	170,957	1,332
47987	KHNE-TV	203,931	202,944	1,582
34867	KHNL	953,398	851,088	6,633
60354	KHOG-TV	765,360	702,984	5,478
4144	KHON-TV	953,207	886,431	6,908
34529	KHOU	6,083,336	6,081,785	47,395
4690	KHQA-TV	318,469	316,134	2,464
34537	KHQ-TV	822,371	774,821	6,038
30601	KHRR	1,227,847	1,166,890	9,094
34348	KHSD-TV	188,735	185,202	1,443
24508	KHSL-TV	625,904	608,850	4,745
69677	KHSV	2,059,794	2,020,045	15,742
64544	KHVO	94,226	93,657	730
23394	KIAH	6,099,694	6,099,297	47,532
34564	KICU-TV	8,233,041	7,174,316	55,909
56028	KIDK	305,509	302,535	2,358
58560	KIDY	116,614	116,596	909
53382	KIEM-TV	174,390	160,801	1,253
66258	KIFI-TV	324,422	320,118	2,495
10188	KIII	569,864	566,796	4,417
29095	KIIN	1,365,215	1,335,707	10,409
34527	KIKU	953,896	850,963	6,632
63865	KILM	17,256,205	15,804,489	123,164

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
56033	KIMA-TV	308,604	260,593	2,031
66402	KIMT	654,083	643,384	5,014
67089	KINC	2,002,066	1,920,903	14,970
34847	KING-TV	4,074,288	4,036,926	31,460
51708	KINT-TV	1,015,582	1,015,274	7,912
26249	KION-TV	2,400,317	855,808	6,669
62427	KIPT	171,405	170,455	1,328
66781	KIRO-TV	4,058,101	4,030,968	31,413
62430	KISU-TV	311,827	307,651	2,398
12896	KITU-TV	712,362	712,362	5,551
64548	KITV	953,207	839,906	6,545
59255	KIVI-TV	710,819	702,619	5,476
47285	KIXE-TV	467,518	428,118	3,336
13792	KJJC-TV	82,749	81,865	638
14000	KJLA	17,929,100	16,794,896	130,883
20015	KJNP-TV	98,403	98,097	764
53315	KJRE	16,187	16,170	126
59439	KJRH-TV	1,416,108	1,397,311	10,889
55364	KJRR	45,515	44,098	344
7675	KJTL	379,594	379,263	2,956
55031	KJTV-TV	406,283	406,260	3,166
13814	KJUD	31,229	30,106	235
36607	KJZZ-TV	2,388,965	2,209,183	17,216
83180	KKAI	955,203	941,214	7,335
58267	KKAP	957,786	923,172	7,194
24766	KKCO	206,018	172,628	1,345
35097	KKJB	629,939	624,784	4,869
22644	KKPX-TV	7,588,288	6,758,490	52,669
35037	KKTU	2,892,126	2,478,864	19,318
35042	KLAS-TV	2,094,297	1,940,030	15,119
52907	KLAX-TV	367,212	366,839	2,859
3660	KLBK-TV	387,783	387,743	3,022
65523	KLBY	31,102	31,096	242
38430	KLCS	16,875,019	15,402,588	120,032
77719	KLCW-TV	381,889	381,816	2,975
51479	KLDO-TV	250,832	250,832	1,955
37105	KLEI	175,045	138,087	1,076
56032	KLEW-TV	164,908	148,256	1,155
35059	KLFX-TV	1,355,890	1,355,409	10,563
54011	KLJB	1,027,104	1,012,309	7,889
11264	KLKN	932,757	895,101	6,976
47975	KLNE-TV	120,338	120,277	937
38590	KLPA-TV	414,699	414,447	3,230
38588	KLPB-TV	749,053	749,053	5,837
749	KLFRN	2,374,472	2,353,440	18,340
11951	KLRT-TV	1,171,678	1,152,541	8,982
8564	KLRU	2,614,658	2,575,518	20,071
8322	KLSR-TV	564,415	508,157	3,960
31114	KLST	199,067	169,551	1,321
24436	KLTJ	6,034,131	6,033,867	47,022
38587	KLTL-TV	423,574	423,574	3,301
38589	KLTM-TV	694,280	688,915	5,369
38591	KLTS-TV	883,661	882,589	6,878
68540	KLTV	1,069,690	1,051,361	8,193
12913	KLUJ-TV	1,195,751	1,195,751	9,318
57220	KLUZ-TV	1,079,718	1,019,302	7,943
11683	KLTX	2,044,150	1,936,083	15,088
82476	KLWB	1,065,748	1,065,748	8,305
40250	KLWY	541,043	538,231	4,194
64551	KMAU	213,060	188,953	1,473
51499	KMAX-TV	10,767,605	7,132,240	55,582
65686	KMBC-TV	2,507,895	2,506,661	19,534
56079	KMBH	1,225,732	1,225,732	9,552
35183	KMCB	69,357	66,203	516
41237	KMCC	2,064,592	2,010,262	15,666
42636	KMCI-TV	2,429,392	2,428,626	18,926
38584	KMCT-TV	267,004	266,880	2,080
22127	KMCY	71,797	71,793	559
162016	KMDE	35,409	35,401	276
26428	KMEB	221,810	203,470	1,586
39665	KMEG	708,748	704,130	5,487

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
35123	KMEX-DT	17,628,354	16,318,720	127,172
40875	KMGH-TV	3,815,253	3,574,365	27,855
35131	KMID	383,449	383,439	2,988
16749	KMIR-TV	2,760,914	730,764	5,695
63164	KMIZ	532,025	530,008	4,130
53541	KMLM-DT	293,290	293,290	2,286
52046	KMLU	711,951	708,107	5,518
47981	KMNE-TV	47,232	44,189	344
24753	KMOH-TV	199,885	184,283	1,436
4326	KMOS-TV	804,745	803,129	6,259
41425	KMOT	81,517	79,504	620
70034	KMOV	3,035,077	3,029,405	23,608
51488	KMPH-TV	1,725,397	1,697,871	13,232
73701	KMPX	6,678,829	6,674,706	52,016
44052	KMSB	1,321,614	1,039,442	8,100
68883	KMSP-TV	3,832,040	3,805,141	29,653
12525	KMSS-TV	1,068,120	1,066,388	8,310
43095	KMTP-TV	5,252,062	4,457,617	34,738
35189	KMTR	589,948	520,666	4,058
35190	KMTV-TV	1,346,549	1,344,796	10,480
77063	KMTW	761,521	761,516	5,934
35200	KMVT	184,647	176,351	1,374
32958	KMVU-DT	308,150	231,506	1,804
86534	KMYA-DT	200,764	200,719	1,564
51518	KMYS	2,273,888	2,267,913	17,674
54420	KMYT-TV	1,314,197	1,302,378	10,149
35822	KMYU	133,563	130,198	1,015
993	KNAT-TV	1,157,630	1,124,619	8,764
24749	KNAZ-TV	332,321	327,658	1,774
47906	KNBC	17,859,647	16,555,232	129,015
81464	KNBN	145,493	136,995	1,068
9754	KNCT	1,751,838	1,726,148	13,452
82611	KNDB	118,154	118,122	921
82615	KNDM	72,216	72,209	563
12395	KNDO	314,875	270,892	2,111
12427	KNDU	475,612	462,556	3,605
17683	KNEP	101,389	95,890	747
48003	KNHL	277,777	277,308	2,161
125710	KNIC-DT	2,398,296	2,383,294	18,573
59363	KNIN-TV	708,289	703,838	5,485
48525	KNLC	2,981,508	2,978,979	23,215
48521	KNLJ	655,000	642,705	5,009
84215	KNMD-TV	1,120,286	1,100,869	8,579
55528	KNME-TV	1,149,036	1,103,695	8,601
47707	KNMT	2,887,142	2,794,995	21,781
48975	KNOE-TV	733,097	729,703	5,687
49273	KNOP-TV	87,904	85,423	666
10228	KNPB	604,614	462,732	3,606
55362	KNRR	25,937	25,931	202
35277	KNSD	3,861,660	3,618,321	28,198
19191	KNSN-TV	611,981	459,485	3,581
58608	KNSO	1,976,317	1,931,825	15,055
35280	KNTV	8,525,818	8,027,505	62,558
144	KNVA	2,550,225	2,529,184	19,710
33745	KNVN	495,902	470,252	3,665
69692	KNVO	1,247,014	1,247,014	9,718
29557	KNWA-TV	822,906	804,682	6,271
16950	KNXT	2,180,045	2,160,460	16,836
59440	KNXV-TV	4,183,943	4,173,022	32,520
59014	KOAA-TV	1,608,528	1,203,731	9,381
50588	KOAB-TV	207,070	203,371	1,585
50590	KOAC-TV	1,957,282	1,543,401	12,028
58552	KOAM-TV	595,307	584,921	4,558
53928	KOAT-TV	1,132,372	1,105,116	8,612
35313	KOB	1,152,841	1,113,162	8,675
35321	KOBF	201,911	166,177	1,295
8260	KOBI	562,463	519,063	4,045
62272	KOBR	211,709	211,551	1,649
50170	KOCB	1,629,783	1,629,152	12,696
4328	KOCE-TV	17,447,903	16,331,792	127,274
84225	KOCM	1,434,325	1,433,605	11,172

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
12508	KOCO-TV	1,716,569	1,708,085	13,311
83181	KOCW	83,807	83,789	653
18283	KODE-TV	740,156	731,512	5,701
66195	KOED-TV	1,497,297	1,459,833	11,376
50198	KOET	658,606	637,640	4,969
51189	KOFY-TV	5,252,062	4,457,617	34,738
34859	KOGG	190,829	161,310	1,257
166534	KOHD	201,310	197,662	1,540
35380	KOIN	3,028,482	2,881,460	22,455
35388	KOKH-TV	1,627,116	1,625,246	12,666
11910	KOKI-TV	1,366,220	1,352,227	10,538
48663	KOLD-TV	1,216,228	887,754	6,918
7890	KOLN	1,225,400	1,190,178	9,275
63331	KOLO-TV	959,178	826,985	6,445
28496	KOLR	1,076,144	1,038,613	8,094
21656	KOMO-TV	4,132,260	4,087,435	31,853
65583	KOMU-TV	551,658	542,544	4,228
35396	KONG	4,006,008	3,985,271	31,057
60675	KOOD	113,416	113,285	883
50589	KOPB-TV	3,059,231	2,875,815	22,411
2566	KOPX-TV	1,501,110	1,500,883	11,696
64877	KORO	560,983	560,983	4,372
6865	KOSA-TV	340,978	338,070	2,635
34347	KOTA-TV	174,876	152,861	1,191
8284	KOTI	298,175	97,132	757
35434	KOTV-DT	1,417,753	1,403,838	10,940
56550	KOVR	10,784,477	7,162,989	55,821
51101	KOZJ	429,982	427,991	3,335
51102	KOZK	839,841	834,308	6,502
3659	KOZL-TV	992,495	963,281	7,507
35455	KPAX-TV	206,895	193,201	1,506
67868	KPAZ-TV	4,190,080	4,176,323	32,546
6124	KPBS	3,584,237	3,463,189	26,989
50044	KPBT-TV	340,080	340,080	2,650
77452	KPCB-DT	30,861	30,835	240
35460	KPDX	2,970,703	2,848,423	22,198
12524	KPEJ-TV	368,212	368,208	2,869
41223	KPHO-TV	4,195,073	4,175,139	32,537
61551	KPIC	156,687	105,807	825
86205	KPIF	265,080	258,174	2,012
25452	KPIX-TV	8,340,753	7,480,594	58,296
58912	KPJK	7,884,411	6,955,179	54,202
166510	KPJR-TV	3,402,088	3,372,831	26,284
13994	KPLC	1,406,085	1,403,853	10,940
41964	KPLO-TV	55,827	52,765	411
35417	KPLR-TV	2,968,619	2,965,673	23,111
12144	KPMR	1,731,370	1,473,251	11,481
47973	KPNE-TV	92,675	89,021	694
35486	KPNX	4,215,834	4,184,428	32,609
77512	KPNZ	2,394,311	2,208,707	17,212
73998	KPOB-TV	144,525	143,656	1,120
26655	KPPX-TV	4,186,998	4,171,450	32,508
53117	KPRC-TV	6,099,422	6,099,076	47,530
48660	KPRY-TV	42,521	42,426	331
61071	KPSD-TV	19,886	18,799	147
53544	KPTB-DT	322,780	320,646	2,499
81445	KPTF-DT	84,512	84,512	659
77451	KPTH	660,556	655,373	5,107
51491	KPTM	1,414,998	1,414,014	11,019
33345	KPTS	832,000	827,866	6,452
50633	KPTV	2,998,460	2,847,263	22,189
82575	KPTW	80,374	80,012	624
1270	KPVI-DT	271,379	264,204	2,059
58835	KPXB-TV	6,062,472	6,062,271	47,243
68695	KPXC-TV	3,362,518	3,341,951	26,044
68834	KPXD-TV	6,555,157	6,553,373	51,070
33337	KPXE-TV	2,437,178	2,436,024	18,984
5801	KPXG-TV	3,026,219	2,882,598	22,464
81507	KPXJ	1,138,632	1,135,626	8,850
61173	KPXL-TV	2,257,007	2,243,520	17,484
35907	KPXM-TV	3,507,312	3,506,503	27,326

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
58978	KPXN-TV	17,256,205	15,804,489	123,164
77483	KPXO-TV	953,329	913,341	7,118
21156	KPXR-TV	828,915	821,250	6,400
10242	KQCA	10,077,891	6,276,197	48,910
41430	KQCD-TV	35,623	33,415	260
18287	KQCK	3,220,160	3,162,711	24,647
78322	KQCW-DT	1,128,198	1,123,324	8,754
35525	KQDS-TV	304,935	301,439	2,349
35500	KQED	8,195,398	7,283,828	56,763
35663	KQEH	8,195,398	7,283,828	56,763
8214	KQET	2,981,040	2,076,157	16,179
5471	KQIN	596,371	596,277	4,647
17686	KQME	188,783	184,719	1,440
61063	KQSD-TV	32,526	31,328	244
8378	KQSL	196,316	133,564	1,041
20427	KQTV	1,494,987	1,401,160	10,919
78921	KQUP	697,016	551,824	4,300
306	KRBC-TV	229,395	229,277	1,787
166319	KRBK	983,888	966,187	7,529
22161	KRCA	17,540,791	16,957,292	132,148
57945	KRCB	8,783,441	8,503,802	66,270
41110	KRCG	684,989	662,418	5,162
8291	KRCR-TV	423,000	402,594	3,137
10192	KRCW-TV	2,966,912	2,842,523	22,152
49134	KRDK-TV	349,941	349,929	2,727
52579	KRDO-TV	2,622,603	2,272,383	17,709
70578	KREG-TV	149,306	95,141	741
34868	KREM	817,619	752,113	5,861
51493	KREN-TV	810,039	681,212	5,309
70596	KREX-TV	145,700	145,606	1,135
70579	KREY-TV	74,963	65,700	512
48589	KREZ-TV	148,079	105,121	819
43328	KRGV-TV	1,247,057	1,247,029	9,718
82698	KRII	133,840	132,912	1,036
29114	KRIN	949,313	923,735	7,199
25559	KRIS-TV	561,825	561,718	4,377
22204	KRIV	6,078,936	6,078,846	47,372
14040	KRMA-TV	3,722,512	3,564,949	27,782
14042	KRMJ	174,094	159,511	1,243
20476	KRMT	2,956,144	2,864,236	22,321
84224	KRMU	85,274	72,499	565
20373	KRMZ	36,293	33,620	262
47971	KRNE-TV	47,473	38,273	298
60307	KRNV-DT	955,490	792,543	6,176
65526	KRON-TV	8,573,167	8,028,256	62,564
53539	KRPV-DT	65,943	65,943	514
48575	KRQE	1,135,461	1,105,093	8,612
57431	KRSU-TV	1,000,289	998,310	7,780
82613	KRTN-TV	96,062	74,452	580
35567	KRTV	92,645	90,849	708
84157	KRWB-TV	111,538	110,979	865
35585	KRWF	85,596	85,596	667
55516	KRWG-TV	894,492	661,703	5,157
48360	KRXI-TV	725,391	548,865	4,277
307	KSAN-TV	135,063	135,051	1,052
11911	KSAS-TV	752,513	752,504	5,864
53118	KSAT-TV	2,539,658	2,502,246	19,500
35584	KSAX	365,209	365,209	2,846
35587	KS AZ-TV	4,203,126	4,178,448	32,563
38214	KSBI	1,577,231	1,575,865	12,281
19653	KSBW	5,083,461	4,429,165	34,516
19654	KSBY	535,029	495,562	3,862
82910	KSCC	517,740	517,740	4,035
10202	KSCC	1,015,148	1,010,581	7,875
35608	KSCI	17,447,903	16,331,792	127,274
72348	KSCW-DT	915,691	910,511	7,096
46981	KSDK	2,986,764	2,979,035	23,216
35594	KSEE	1,761,193	1,746,282	13,609
48658	KSFY-TV	670,536	607,844	4,737
17680	KSGW-TV	62,178	57,629	449
59444	KSHB-TV	2,432,205	2,431,273	18,947

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
73706	KSHV-TV	943,947	942,978	7,349
29096	KSIN-TV	340,143	338,811	2,640
664	KSIX-TV	82,902	73,553	573
35606	KSKN	731,818	643,590	5,015
70482	KSLA	1,017,556	1,016,667	7,923
6359	KSL-TV	2,390,742	2,206,920	17,199
71558	KSMN	320,813	320,808	2,500
33336	KSMO-TV	2,401,201	2,398,686	18,693
28510	KSMQ-TV	524,391	507,983	3,959
35611	KSMS-TV	1,589,263	882,948	6,881
21161	KSNB-TV	658,560	656,650	5,117
72359	KSNC	174,135	173,744	1,354
67766	KSNF	621,919	617,868	4,815
72361	KSNB-TV	145,058	144,822	1,129
72362	KSNK	48,715	45,414	354
67335	KSNT	622,818	594,604	4,634
10179	KSNV	1,967,781	1,919,296	14,957
72358	KSNW	791,403	791,127	6,165
61956	KSPS-TV	819,101	769,852	5,999
52953	KSPX-TV	7,078,228	5,275,946	41,115
166546	KSQA	382,328	374,290	2,917
53313	KSRE	75,181	75,181	586
35843	KSTC-TV	3,843,788	3,835,674	29,891
63182	KSTF	51,317	51,122	398
28010	KSTP-TV	3,788,898	3,782,053	29,474
60534	KSTR-DT	6,632,577	6,629,296	51,662
64987	KSTS	8,363,473	7,264,852	56,615
22215	KSTU	2,384,996	2,201,716	17,158
23428	KSTW	4,265,956	4,186,266	32,624
5243	KSVI	175,390	173,667	1,353
58827	KSWB-TV	3,677,190	3,488,655	27,187
60683	KSWK	79,012	78,784	614
35645	KSWO-TV	483,132	458,057	3,570
61350	KSYS	519,209	443,204	3,454
59988	KTAB-TV	270,967	268,579	2,093
999	KTAJ-TV	2,343,843	2,343,227	18,261
35648	KTAL-TV	1,094,332	1,092,958	8,517
12930	KTAS	471,882	464,149	3,617
81458	KTAZ	4,182,503	4,160,481	32,423
35649	KTBC	3,242,215	2,956,614	23,041
67884	KTBN-TV	17,795,677	16,510,302	128,665
67999	KTBO-TV	1,585,283	1,583,664	12,341
35652	KTBS-TV	1,163,228	1,159,665	9,037
28324	KTBU	6,035,927	6,035,725	47,036
67950	KTBW-TV	4,202,104	4,108,031	32,014
35655	KTBY	348,080	346,562	2,701
68594	KTCA-TV	3,693,877	3,684,081	28,710
68597	KTCL-TV	3,606,606	3,597,183	28,033
35187	KTCW	103,341	89,207	695
36916	KTDO	1,015,336	1,010,771	7,877
2769	KTEJ	419,750	417,368	3,253
83707	KTEL-TV	53,423	53,414	416
35666	KTEN	602,788	599,778	4,674
24514	KTFD-TV	3,210,669	3,172,543	24,724
35512	KTFF-DT	2,225,169	2,203,398	17,171
20871	KTFK-DT	6,969,307	5,211,719	40,615
68753	KTFN	1,017,335	1,013,157	7,896
35084	KTFQ-TV	1,151,433	1,117,061	8,705
29232	KTGM	159,358	159,091	1,240
2787	KTHV	1,275,062	1,246,348	9,713
29100	KTIN	281,096	279,385	2,177
66170	KTIV	751,089	746,274	5,816
49397	KTKA-TV	759,369	746,370	5,816
35670	KTLA	18,156,910	16,870,262	131,470
62354	KTLM	1,044,526	1,044,509	8,140
49153	KTLN-TV	5,381,955	4,740,894	36,946
64984	KTMD	6,095,741	6,095,606	47,503
14675	KTMF	187,251	168,526	1,313
10177	KTMW	2,261,671	2,144,791	16,714
21533	KTNC-TV	8,270,858	7,381,656	57,525
47996	KTNE-TV	100,341	95,324	743

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
60519	KTNL-TV	8,642	8,642	67
74100	KTNV-TV	2,094,506	1,936,752	15,093
71023	KTNW	450,926	432,398	3,370
8651	KTOO-TV	31,269	31,176	243
7078	KTPX-TV	1,066,196	1,063,754	8,290
68541	KTRE	441,879	421,406	3,284
35675	KTRK-TV	6,114,259	6,112,870	47,638
28230	KTRV-TV	714,833	707,557	5,514
69170	KTSC	3,124,536	2,949,795	22,988
61066	KTSD-TV	83,645	82,828	645
37511	KTSF	7,959,349	7,129,638	55,561
67760	KTSM-TV	1,015,348	1,011,264	7,881
35678	KTTC	815,213	731,919	5,704
28501	KTTM	76,133	73,664	574
11908	KTTU	1,324,801	1,060,613	8,265
22208	KTTV	17,380,551	16,693,085	130,089
28521	KTTW	329,633	326,405	2,544
65355	KTTZ-TV	380,240	380,225	2,963
35685	KTUL	1,416,959	1,388,183	10,818
10173	KTUU-TV	380,240	379,047	2,954
77480	KTUZ-TV	1,668,531	1,666,026	12,983
49632	KTVB	342,517	342,300	2,668
34858	KTVB	714,865	707,882	5,517
31437	KTVC	137,239	100,204	781
68581	KTVD	3,800,970	3,547,607	27,647
35692	KTVE	641,139	640,201	4,989
49621	KTVF	98,068	97,929	763
5290	KTVH-DT	228,832	184,264	1,436
35693	KTVI	2,995,764	2,991,513	23,313
40993	KTVK	4,184,825	4,173,028	32,520
22570	KTVL	419,849	369,469	2,879
18066	KTVM-TV	260,105	217,694	1,696
59139	KTVN	955,490	800,420	6,238
21251	KTVO	148,780	148,647	1,158
35694	KTVQ	179,797	173,271	1,350
50592	KTVR	147,808	54,480	425
23422	KTVT	6,912,366	6,908,715	53,840
35703	KTVU	8,297,634	7,406,751	57,721
35705	KTVW-DT	4,173,111	4,159,807	32,417
68889	KTVX	2,389,392	2,200,520	17,149
55907	KTVZ	201,828	198,558	1,547
18286	KTWO-TV	80,426	79,905	623
70938	KTWU	1,703,798	1,562,305	12,175
51517	KTXA	6,915,461	6,911,822	53,864
42359	KTXD-TV	6,706,651	6,704,781	52,250
51569	KTXH	6,092,710	6,092,525	47,479
10205	KTXL	8,306,449	5,896,320	45,950
308	KTXS-TV	247,603	246,760	1,923
69315	KUAC-TV	98,717	98,189	765
51233	KUAM-TV	159,358	159,358	1,242
2722	KUAS-TV	994,802	977,391	7,617
2731	KUAT-TV	1,485,024	1,253,342	9,767
60520	KUBD	14,817	13,363	104
70492	KUBE-TV	6,090,970	6,090,817	47,466
1136	KUCW	2,388,889	2,199,787	17,143
69396	KUED	2,388,995	2,203,093	17,169
69582	KUEN	2,364,481	2,184,483	17,024
82576	KUES	30,925	25,978	202
82585	KUEW	132,168	120,411	938
66611	KUFM-TV	187,680	166,697	1,299
169028	KUGF-TV	86,622	85,986	670
68717	KUHM-TV	154,836	145,241	1,132
69269	KUHT	6,090,213	6,089,665	47,457
62382	KUID-TV	432,855	284,023	2,213
169027	KUKL-TV	124,505	115,844	903
35724	KULR-TV	177,242	170,142	1,326
41429	KUMV-TV	41,607	41,224	321
81447	KUNP	130,559	43,472	339
4624	KUNS-TV	4,027,849	4,015,626	31,294
86532	KUOK	28,974	28,945	226
66589	KUON-TV	1,375,257	1,360,005	10,599

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
86263	KUPB	318,914	318,914	2,485
65535	KUPK	149,642	148,180	1,155
27431	KUPT	87,602	87,602	683
89714	KUPU	956,178	948,005	7,388
57884	KUPX-TV	2,374,672	2,191,229	17,076
23074	KUSA	3,803,461	3,561,587	27,755
61072	KUSD-TV	460,480	460,277	3,587
10238	KUSI-TV	3,572,818	3,435,670	26,774
43567	KUSM-TV	122,678	109,830	856
69694	KUTF	1,210,774	1,031,870	8,041
81451	KUTH-DT	2,219,788	2,027,174	15,798
68886	KUTP	4,191,015	4,176,014	32,544
35823	KUTV	2,388,625	2,199,731	17,143
63927	KUVE-DT	1,294,971	964,396	7,516
7700	KUVI-DT	1,204,490	1,009,943	7,870
35841	KUVN-DT	6,680,126	6,678,157	52,043
58609	KUVS-DT	4,043,413	4,005,657	31,216
49766	KVAL-TV	1,016,673	866,173	6,750
32621	KVAW	76,153	76,153	593
58795	KVCR-DT	18,215,524	17,467,140	136,121
35846	KVCT	288,221	287,446	2,240
10195	KVCW	1,967,550	1,918,811	14,953
64969	KVDA	2,566,563	2,548,720	19,862
19783	KVEA	17,423,429	16,146,250	125,828
12523	KVEO-TV	1,244,504	1,244,504	9,698
2495	KVEW	476,720	464,347	3,619
35852	KVHP	747,917	747,837	5,828
49832	KVIA-TV	1,015,350	1,011,266	7,881
35855	KVIE	10,759,440	7,467,369	58,193
40450	KVIH-TV	91,912	91,564	714
40446	KVII-TV	379,042	378,218	2,947
61961	KVLY-TV	350,732	350,449	2,731
16729	KVMD	6,145,526	4,116,524	32,080
83825	KVME-TV	26,711	22,802	178
25735	KVOA	1,317,956	1,030,404	8,030
35862	KVOS-TV	2,202,674	2,131,652	16,612
69733	KVPT	1,744,349	1,719,318	13,399
55372	KVRR	356,645	356,645	2,779
166331	KVSN-DT	2,706,244	2,283,409	17,795
608	KVTH-DT	303,755	299,230	2,332
2784	KVTJ-DT	1,466,426	1,465,802	11,423
607	KVTN-DT	936,328	925,884	7,215
35867	KVUE	2,661,290	2,611,314	20,350
78910	KVUI	257,964	251,872	1,963
35870	KVVU-TV	2,042,029	1,935,466	15,083
36170	KVYE	396,495	392,498	3,059
35095	KWBA-TV	1,129,524	1,073,029	8,362
78314	KWBM	657,822	639,560	4,984
27425	KWBN	953,207	840,455	6,550
76268	KWBQ	1,148,810	1,105,600	8,616
66413	KWCH-DT	883,647	881,674	6,871
71549	KWCM-TV	252,284	244,033	1,902
35419	KWDK	4,194,152	4,117,852	32,090
42007	KWES-TV	424,862	423,544	3,301
50194	KWET	127,976	112,750	879
35881	KWEX-DT	2,376,463	2,370,469	18,473
35883	KWGN-TV	3,706,495	3,513,577	27,381
37099	KWHB	979,393	978,719	7,627
37103	KWHD	97,959	94,560	737
36846	KWHE	952,966	834,341	6,502
26231	KWHY-TV	17,736,497	17,695,306	137,900
35096	KWKB	1,121,676	1,111,629	8,663
162115	KWKS	39,708	39,323	306
12522	KWKT-TV	1,299,675	1,298,478	10,119
21162	KWNB-TV	91,093	89,332	696
67347	KWOG	512,412	505,049	3,936
56852	KWPX-TV	4,220,008	4,148,577	32,330
6885	KWQC-TV	1,063,507	1,054,618	8,219
29121	KWSD	280,675	280,672	2,187
53318	KWSE	54,471	53,400	416
71024	KWSU-TV	725,554	468,295	3,649

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
25382	KWTV-DT	1,628,106	1,627,198	12,681
35903	KWTV-TV	2,071,023	1,972,365	15,371
593	KWWL	1,089,498	1,078,458	8,404
84410	KWWT	293,291	293,291	2,286
14674	KWYB	86,495	69,598	542
10032	KWYP-DT	128,874	126,992	990
35920	KXAN-TV	2,678,666	2,624,648	20,454
49330	KXAS-TV	6,774,295	6,771,827	52,773
24287	KXGN-TV	14,217	13,883	108
35954	KXII	2,323,974	2,264,951	17,651
55083	KXLA	17,929,100	16,794,896	130,883
35959	KXLF-TV	258,100	217,808	1,697
53847	KXLN-DT	6,085,891	6,085,712	47,426
35906	KXLT-TV	348,025	347,296	2,706
61978	KXLY-TV	772,116	740,960	5,774
55684	KXMA-TV	32,005	31,909	249
55686	KXMB-TV	142,755	138,506	1,079
55685	KXMC-TV	97,569	89,483	697
55683	KXMD-TV	37,962	37,917	295
47995	KXNE-TV	300,021	298,839	2,329
81593	KXNW	602,168	597,747	4,658
35991	KXRM-TV	1,843,363	1,500,689	11,695
1255	KXTF	121,558	121,383	946
25048	KXTV	10,759,864	7,477,140	58,269
35994	KXTX-TV	6,721,578	6,718,616	52,358
62293	KXVA	185,478	185,276	1,444
23277	KXVO	1,404,703	1,403,380	10,937
9781	KXXV	1,771,620	1,748,287	13,624
31870	KYAZ	6,038,257	6,038,071	47,055
21488	KYES-TV	381,413	380,355	2,964
29086	KYIN	581,748	574,691	4,479
60384	KYLE-TV	323,330	323,225	2,519
33639	KYMA-DT	396,278	391,619	3,052
47974	KYNE-TV	929,406	929,242	7,242
53820	KYOU-TV	651,334	640,935	4,995
36003	KYTV	1,095,904	1,083,524	8,444
55644	KYTX	927,327	925,550	7,213
13815	KYUR	379,943	379,027	2,954
5237	KYUS-TV	12,496	12,356	96
33752	KYVE	301,951	259,559	2,023
55762	KYVV-TV	67,201	67,201	524
25453	KYW-TV	11,061,941	10,876,511	84,761
69531	KZJL	6,037,458	6,037,272	47,048
69571	KZJO	4,147,016	4,097,776	31,934
61062	KZSD-TV	41,207	35,825	279
33079	KZTV	567,635	564,464	4,399
57292	WAAY-TV	1,498,006	1,428,197	11,130
1328	WABC-TV	20,948,273	20,560,001	160,224
43203	WABG-TV	393,020	392,348	3,058
17005	WABI-TV	530,773	510,729	3,980
16820	WABM	1,703,202	1,675,700	13,059
23917	WABW-TV	1,097,560	1,096,376	8,544
19199	WACH	1,403,222	1,400,385	10,913
189358	WACP	9,415,263	9,301,049	72,483
23930	WACS-TV	621,686	616,443	4,804
60018	WACX	4,292,829	4,288,149	33,418
361	WACY-TV	946,580	946,071	7,373
455	WADL	4,610,065	4,606,521	35,899
589	WAFB	1,857,882	1,857,418	14,475
591	WAFF	1,527,517	1,456,436	11,350
70689	WAGA-TV	6,000,355	5,923,191	46,159
48305	WAGM-TV	64,721	63,331	494
37809	WAGV	1,193,158	1,060,935	8,268
706	WAIQ	611,733	609,794	4,752
701	WAKA	799,637	793,645	6,185
4143	WALA-TV	1,320,419	1,318,127	10,272
70713	WALB	773,899	772,467	6,020
60536	WAMI-DT	5,449,193	5,449,193	42,466
70852	WAND	1,388,118	1,386,074	10,802
39270	WANE-TV	1,146,442	1,146,442	8,934
52280	WAOE	2,943,679	2,887,654	22,503

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
64546	WAOW	636,957	629,068	4,902
52073	WAPA-TV	3,764,742	2,794,738	21,779
49712	WAPT	793,621	791,620	6,169
67792	WAQP	2,135,670	2,131,399	16,610
13206	WATC-DT	5,732,204	5,705,819	44,465
71082	WATE-TV	1,874,433	1,638,059	12,765
22819	WATL	5,882,837	5,819,099	45,348
20287	WATM-TV	893,989	749,183	5,838
11907	WATN-TV	1,787,595	1,784,560	13,907
13989	WAVE	1,891,797	1,880,563	14,655
71127	WAVY-TV	2,080,708	2,080,691	16,215
54938	WAWD	579,079	579,023	4,512
65247	WAWV-TV	705,790	700,361	5,458
12793	WAXN-TV	2,677,951	2,669,224	20,801
65696	WBAL-TV	9,743,335	9,344,875	72,825
74417	WBAY-TV	1,225,928	1,225,335	9,549
71085	WBBH-TV	2,017,267	2,017,267	15,721
65204	WBBJ-TV	662,148	658,839	5,134
9617	WBBM-TV	9,914,233	9,907,806	77,212
9088	WBBZ-TV	1,269,256	1,260,686	9,825
70138	WBDT	3,660,544	3,646,874	28,420
51349	WBEC-TV	5,421,355	5,421,355	42,249
10758	WBFF	8,523,983	8,381,042	65,313
12497	WBFS-TV	5,349,613	5,349,613	41,690
6568	WBGU-TV	1,343,816	1,343,816	10,472
81594	WBIF	309,707	309,707	2,414
84802	WBIH	718,439	706,994	5,510
717	WBIQ	1,563,080	1,532,266	11,941
46984	WBIR-TV	1,978,347	1,701,857	13,263
67048	WBKB-TV	136,823	130,625	1,018
34167	WBKI	2,062,137	2,046,808	15,951
4692	WBKO	963,413	862,651	6,723
76001	WBKP	55,655	55,305	431
68427	WBMM	562,284	562,123	4,381
73692	WBNA	1,699,683	1,666,248	12,985
23337	WBNG-TV	1,435,634	1,051,932	8,198
71217	WBNS-TV	2,847,721	2,784,795	21,702
72958	WBNX-TV	3,639,256	3,630,531	28,293
71218	WBOC-TV	813,888	813,888	6,343
71220	WBOY-TV	711,302	621,367	4,842
60850	WBPH-TV	10,613,847	9,474,797	73,837
7692	WPX-TV	6,833,712	6,761,949	52,696
5981	WBRA-TV	1,726,408	1,677,204	13,070
71221	WBRC	1,884,007	1,849,135	14,410
71225	WBRE-TV	2,879,196	2,244,735	17,493
38616	WBRZ-TV	2,223,336	2,222,309	17,318
82627	WBSF	1,836,543	1,832,446	14,280
30826	WBTW	4,433,020	4,295,962	33,478
66407	WBTW	1,975,457	1,959,172	15,268
16363	WBUI	981,884	981,868	7,652
59281	WBUP	126,472	112,603	878
60830	WBUY-TV	1,569,254	1,567,815	12,218
72971	WBXX-TV	2,142,759	1,984,544	15,466
25456	WBZ-TV	7,960,556	7,730,847	60,246
63153	WCAU	11,269,831	11,098,540	86,491
363	WCAV	1,032,270	874,886	6,818
46728	WCAX-TV	784,748	665,685	5,188
39659	WCBB	964,079	910,222	7,093
10587	WCBD-TV	1,149,489	1,149,489	8,958
12477	WCBI-TV	680,511	678,424	5,287
9610	WCBS-TV	22,087,789	21,511,236	167,637
49157	WCCB	3,642,232	3,574,928	27,859
9629	WCCO-TV	3,837,442	3,829,714	29,845
14050	WCCT-TV	5,818,471	5,307,612	41,362
69544	WCCU	694,550	693,317	5,403
3001	WCCV-TV	3,391,703	2,062,994	16,077
23937	WCES-TV	1,098,868	1,097,706	8,554
65666	WCET	3,123,290	3,110,519	24,240
46755	WCFE-TV	445,131	411,198	3,204
71280	WCHS-TV	1,352,824	1,274,766	9,934
42124	WCIA	834,084	833,547	6,496

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
711	WCIQ	3,186,320	3,016,907	23,511
71428	WCIU-TV	10,052,136	10,049,244	78,314
9015	WCIV	1,152,800	1,152,800	8,984
42116	WCIX	554,002	549,911	4,285
16993	WCJB-TV	977,492	977,492	7,618
11125	WCLF	4,097,389	4,096,624	31,925
68007	WCLJ-TV	2,305,723	2,303,534	17,951
50781	WCMH-TV	2,756,260	2,712,989	21,142
9917	WCML	233,439	224,255	1,748
9908	WCMU-TV	707,702	699,551	5,452
9922	WCMV	425,499	411,288	3,205
9913	WCMW	106,975	104,859	817
32326	WCNC-TV	3,883,049	3,809,706	29,689
53734	WCNY-TV	1,342,821	1,279,429	9,971
73642	WCOV-TV	889,102	884,417	6,892
40618	WCPB	560,426	560,426	4,367
59438	WCPO-TV	3,330,885	3,313,654	25,823
10981	WCPX-TV	9,753,235	9,751,916	75,997
71297	WCSC-TV	1,028,018	1,028,018	8,011
39664	WCSH	1,755,325	1,548,824	12,070
69479	WCTE	612,760	541,314	4,218
18334	WCTI-TV	1,671,152	1,668,833	13,005
31590	WCTV	1,065,524	1,065,464	8,303
33081	WCTX	7,844,936	7,332,431	57,142
65684	WCVB-TV	7,780,868	7,618,496	59,371
9987	WCVI-TV	1,721,004	1,712,249	13,344
83304	WCVI-TV	50,601	50,495	394
34204	WCVN-TV	2,129,816	2,120,349	16,524
9989	WCVW	1,505,484	1,505,330	11,731
73042	WCWF	1,077,314	1,077,194	8,395
35385	WCWG	3,630,551	3,299,114	25,710
29712	WCWJ	1,661,270	1,661,132	12,945
73264	WCWN	1,909,223	1,621,751	12,638
2455	WCYB-TV	2,363,002	2,057,404	16,033
11291	WDAF-TV	2,539,581	2,537,411	19,774
21250	WDAM-TV	512,594	500,343	3,899
22129	WDAY-TV	339,239	338,856	2,641
22124	WDAZ-TV	151,720	151,659	1,182
71325	WDBB	1,792,728	1,762,643	13,736
71326	WDBD	940,665	939,489	7,321
71329	WDBJ	1,626,017	1,435,762	11,189
51567	WDCA	8,070,491	8,015,328	62,463
16530	WDCQ-TV	1,269,199	1,269,199	9,891
30576	WDCW	8,155,998	8,114,847	63,239
54385	WDEF-TV	1,731,483	1,508,250	11,754
32851	WDFX-TV	271,499	270,942	2,111
43846	WDHN	452,377	451,978	3,522
71338	WDIO-DT	341,506	327,469	2,552
714	WDIQ	663,062	620,124	4,833
53114	WDIV-TV	5,450,318	5,450,174	42,473
71427	WDJT-TV	3,267,652	3,256,507	25,378
39561	WDKA	658,699	658,277	5,130
64017	WDKY-TV	1,204,817	1,173,579	9,146
67893	WDLI-TV	4,147,298	4,114,920	32,068
72335	WDPB	596,888	596,888	4,652
83740	WDPM-DT	1,365,977	1,364,744	10,635
1283	WDPN-TV	11,594,463	11,467,616	89,367
6476	WDPX-TV	6,833,712	6,761,949	52,696
28476	WDRB	2,054,813	2,037,086	15,875
12171	WDSC-TV	3,389,559	3,389,559	26,415
17726	WDSE	330,994	316,643	2,468
71353	WDSI-TV	1,100,302	1,042,191	8,122
71357	WDSU	1,649,083	1,649,083	12,851
7908	WDTI	2,092,242	2,091,941	16,302
65690	WDTN	3,660,544	3,646,874	28,420
70592	WDTV	962,532	850,394	6,627
25045	WDVM-TV	3,074,837	2,646,508	20,624
4110	WDWL	2,638,361	1,977,410	15,410
49421	WEAO	3,960,217	3,945,408	30,747
71363	WEAR-TV	1,520,973	1,520,386	11,848
7893	WEAU	1,006,393	971,050	7,567

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
61003	WEBA-TV	645,039	635,967	4,956
19561	WECN	2,886,669	2,157,288	16,812
48666	WECT	1,156,807	1,156,807	9,015
13602	WEDH	5,328,800	4,724,167	36,815
13607	WEDN	3,451,170	2,643,344	20,600
69338	WEDQ	5,379,887	5,365,612	41,814
21808	WEDU	5,379,887	5,365,612	41,814
13594	WEDW	5,996,408	5,544,708	43,210
13595	WEDY	5,328,800	4,724,167	36,815
24801	WEEK-TV	698,238	698,220	5,441
6744	WEFS	3,380,743	3,380,743	26,346
24215	WEHT	857,558	844,070	6,578
721	WEIQ	1,055,632	1,055,193	8,223
18301	WEIU-TV	458,480	458,416	3,572
69271	WEKW-TV	1,263,049	773,108	6,025
60825	WELF-TV	1,477,691	1,387,044	10,809
26602	WELU	2,248,146	1,678,682	13,082
40761	WEMT	1,726,085	1,186,706	9,248
69237	WENH-TV	4,500,498	4,328,222	33,730
71508	WENY-TV	656,240	517,754	4,035
83946	WEPH	604,105	602,833	4,698
81508	WEPX-TV	950,012	950,012	7,403
25738	WESH	4,059,180	4,048,459	31,550
65670	WETA-TV	8,315,499	8,258,807	64,361
69944	WETK	670,087	558,842	4,355
60653	WETM-TV	721,800	620,074	4,832
18252	WETP-TV	2,167,383	1,888,574	14,718
2709	WEUX	380,569	373,680	2,912
72041	WEVV-TV	752,417	751,094	5,853
59441	WEWS-TV	4,112,984	4,078,299	31,782
72052	WEYI-TV	3,715,686	3,652,991	28,468
72054	WFAA	6,917,502	6,907,616	53,831
81669	WFBD	814,185	813,564	6,340
69532	WFDC-DT	8,155,998	8,114,847	63,239
10132	WFFF-TV	633,649	552,182	4,303
25040	WFFT-TV	1,095,429	1,095,411	8,537
11123	WFGC	3,018,351	3,018,351	23,522
6554	WFGX	1,493,866	1,493,319	11,637
13991	WFIE	743,079	740,909	5,774
715	WFIQ	546,563	544,258	4,241
64592	WFLA-TV	5,583,544	5,576,649	43,459
22211	WFLD	9,957,301	9,954,828	77,578
72060	WFLI-TV	1,294,209	1,189,897	9,273
39736	WFLX	5,740,086	5,740,086	44,732
72062	WFMJ-TV	4,328,477	3,822,691	29,790
72064	WFMY-TV	4,772,783	4,746,167	36,987
39884	WFMZ-TV	10,613,847	9,474,797	73,837
83943	WFNA	1,391,519	1,390,447	10,836
47902	WFOR-TV	5,398,266	5,398,266	42,069
11909	WFOX-TV	1,603,324	1,603,324	12,495
40626	WFPT	5,829,226	5,442,352	42,412
21245	WFPX-TV	2,637,949	2,634,141	20,528
25396	WFQX-TV	537,340	534,314	4,164
9635	WFRV-TV	1,263,353	1,256,376	9,791
53115	WFSB	4,752,788	4,370,519	34,059
6093	WFSG	364,961	364,796	2,843
21801	WFSU-TV	576,105	576,093	4,489
11913	WFTC	3,787,177	3,770,207	29,381
64588	WFTS-TV	5,236,379	5,236,287	40,806
16788	WFTT-TV	4,523,828	4,521,879	35,239
72076	WFTV	3,882,888	3,882,888	30,259
70649	WFTX-TV	1,758,172	1,758,172	13,701
60553	WFTY-DT	5,678,755	5,560,460	43,333
25395	WFUP	234,863	234,436	1,827
60555	WFUT-DT	19,992,096	19,643,518	153,082
22108	WFWA	1,035,114	1,034,862	8,065
9054	WFXB	1,393,865	1,393,510	10,860
3228	WFXG	1,070,032	1,057,760	8,243
70815	WFXL	793,637	785,106	6,118
19707	WFXP	583,315	562,500	4,384
24813	WFXR	1,426,061	1,286,450	10,025

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
6463	WFXT	7,494,070	7,400,830	57,675
22245	WFXU	218,273	218,273	1,701
43424	WFXV	702,682	612,494	4,773
25236	WFXW	274,078	270,967	2,112
41397	WFYI	2,389,627	2,388,970	18,617
53930	WGAL	6,287,688	5,610,833	43,725
2708	WGBA-TV	1,170,375	1,170,127	9,119
24314	WGBC	249,415	249,235	1,942
72099	WGBH-TV	7,711,842	7,601,732	59,240
12498	WGBO-DT	9,771,815	9,769,552	76,134
72098	WGBX-TV	7,803,280	7,636,641	59,512
72096	WGBY-TV	4,470,009	3,739,675	29,143
72120	WGCL-TV	6,027,276	5,961,471	46,458
62388	WGPU	1,510,671	1,510,671	11,773
54275	WGEM-TV	361,598	356,682	2,780
27387	WGEN-TV	43,037	43,037	335
7727	WGFL	877,163	877,163	6,836
25682	WGGB-TV	3,443,386	3,053,436	23,795
11027	WGGN-TV	1,991,462	1,969,331	15,347
9064	WGGs-TV	2,759,326	2,705,067	21,081
72106	WGHP	4,174,964	4,123,106	32,131
710	WGIQ	363,849	363,806	2,835
12520	WGMB-TV	1,742,708	1,742,659	13,581
25683	WGME-TV	1,495,724	1,325,465	10,329
24618	WGNM	742,458	741,502	5,779
72119	WGNO	1,641,765	1,641,765	12,794
9762	WGNT	2,128,079	2,127,891	16,583
72115	WGN-TV	9,942,959	9,941,552	77,475
40619	WGPT	578,294	344,300	2,683
65074	WGPX-TV	2,765,350	2,754,743	21,468
64547	WGRZ	1,878,725	1,812,309	14,123
63329	WGTA	1,061,654	1,030,538	8,031
66285	WGTE-TV	2,210,496	2,208,927	17,214
59279	WGTQ	95,618	92,019	717
59280	WGTU	358,543	353,477	2,755
23948	WGTV	5,880,594	5,832,714	45,454
7623	WGTW-TV	807,797	807,797	6,295
24783	WGVK	2,439,225	2,437,526	18,996
24784	WGVU-TV	1,825,744	1,784,264	13,905
21536	WGWG	986,963	986,963	7,691
56642	WGWV	1,677,166	1,647,976	12,843
58262	WGXA	779,955	779,087	6,071
73371	WHAM-TV	1,381,564	1,334,653	10,401
32327	WHAS-TV	1,955,983	1,925,901	15,009
6096	WHA-TV	1,635,777	1,628,950	12,694
13950	WHBF-TV	1,712,339	1,704,072	13,280
12521	WHBQ-TV	1,736,335	1,708,345	13,313
10894	WHBR	1,302,764	1,302,041	10,147
65128	WHDF	1,553,469	1,502,852	11,712
72145	WHDH	7,441,208	7,343,735	57,230
83929	WHDT	5,768,239	5,768,239	44,952
70041	WHEC-TV	1,322,243	1,279,606	9,972
67971	WHFT-TV	5,417,409	5,417,409	42,218
41458	WHIO-TV	3,877,520	3,868,597	30,148
713	WHIQ	1,278,174	1,225,940	9,554
61216	WHIZ-TV	917,531	847,762	6,607
65919	WHKY-TV	3,304,037	3,269,549	25,480
18780	WHLA-TV	554,446	515,561	4,018
48668	WHLT	484,432	483,532	3,768
24582	WHLV-TV	3,906,201	3,906,201	30,441
37102	WHMB-TV	2,959,585	2,889,145	22,515
61004	WHMC	774,921	774,921	6,039
36117	WHME-TV	1,455,358	1,455,110	11,340
37106	WHNO	1,499,653	1,499,653	11,687
72300	WHNS	2,549,610	2,270,868	17,697
48693	WHNT-TV	1,569,885	1,487,578	11,593
66221	WHO-DT	1,120,480	1,099,818	8,571
6866	WHOI	736,125	736,047	5,736
72313	WHP-TV	4,030,693	3,538,096	27,572
51980	WHPX-TV	5,579,464	5,114,336	39,856
73036	WHRM-TV	495,398	495,174	3,859

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
25932	WHRO-TV	2,169,238	2,169,237	16,905
68058	WHSB-TV	5,870,314	5,808,605	45,266
4688	WHSV-TV	845,013	711,912	5,548
9990	WHTJ	807,960	690,381	5,380
72326	WHTM-TV	2,829,585	2,367,000	18,446
11117	WHTN	1,914,755	1,905,733	14,851
27772	WHUT-TV	7,649,763	7,617,337	59,362
18793	WHWC-TV	994,710	946,335	7,375
72338	WHYY-TV	10,379,045	9,982,651	77,795
5360	WIAT	1,837,072	1,802,810	14,049
63160	WIBW-TV	1,234,347	1,181,009	9,204
25684	WICD	1,238,332	1,237,046	9,640
25686	WICS	1,149,358	1,147,264	8,941
24970	WICU-TV	740,115	683,435	5,326
62210	WICZ-TV	1,249,974	965,416	7,523
18410	WIDP	2,559,306	1,899,768	14,805
26025	WIFS	1,583,693	1,578,870	12,304
720	WIIQ	353,241	347,685	2,710
68939	WILL-TV	1,178,545	1,158,147	9,025
6863	WILX-TV	3,378,644	3,218,221	25,080
22093	WINK-TV	1,851,105	1,851,105	14,426
67787	WINM	1,001,485	971,031	7,567
41314	WINP-TV	2,935,057	2,883,944	22,475
3646	WIPB	1,965,353	1,965,174	15,315
48408	WIPL	850,656	799,165	6,228
53863	WIPM-TV	2,196,157	1,554,017	2,253
53859	WIPR-TV	3,596,802	2,811,148	21,907
10253	WIPX-TV	2,305,723	2,303,534	17,951
39887	WIRS	1,153,382	761,454	4,676
71336	WIRT-DT	127,001	126,300	984
13990	WIS	2,644,715	2,600,887	20,269
65143	WISC-TV	1,734,112	1,697,537	13,229
13960	WISE-TV	1,070,155	1,070,155	8,340
39269	WISH-TV	2,912,963	2,855,253	22,251
65680	WISN-TV	3,003,636	2,997,695	23,361
73083	WITF-TV	2,412,561	2,191,501	17,078
73107	WITI	3,111,641	3,102,097	24,175
594	WITN-TV	1,861,458	1,836,905	14,315
61005	WITV	871,783	871,783	6,794
7780	WIVB-TV	1,900,503	1,820,106	14,184
11260	WIVT	855,138	613,934	4,784
60571	WIWN	3,338,845	3,323,941	25,903
62207	WIYC	639,641	637,499	4,968
73120	WJAC-TV	2,219,529	1,897,986	14,791
10259	WJAL	8,750,706	8,446,074	65,820
50780	WJAR	7,108,180	6,976,099	54,365
35576	WJAX-TV	1,630,782	1,630,782	12,709
27140	WJBF	1,601,088	1,588,444	12,379
73123	WJBK	5,748,623	5,711,224	44,508
37174	WJCL	938,086	938,086	7,311
73130	WJCT	1,624,624	1,624,033	12,656
29719	WJEB-TV	1,607,603	1,607,603	12,528
65749	WJET-TV	747,431	717,721	5,593
7651	WJFB	1,805,891	1,798,600	14,016
49699	WJFW-TV	277,530	268,295	2,091
73136	WJHG-TV	864,121	859,823	6,701
57826	WJHL-TV	2,034,663	1,462,129	11,394
68519	WJKT	655,780	655,373	5,107
1051	WJLA-TV	8,750,706	8,447,643	65,832
86537	WJLP	21,384,863	21,119,366	164,583
9630	WJMN-TV	160,991	154,424	1,203
61008	WJPM-TV	623,965	623,813	4,861
58340	WJPX	3,254,481	2,500,195	19,484
21735	WJRT-TV	2,788,684	2,543,446	19,821
23918	WJSP-TV	4,225,860	4,188,428	32,640
41210	WJTC	1,381,529	1,379,283	10,749
48667	WJTV	987,206	980,717	7,643
73150	WJW	3,977,148	3,905,325	30,434
61007	WJWJ-TV	1,034,555	1,034,555	8,062
58342	WJWN-TV	1,962,885	1,405,189	4,676
53116	WJXT	1,622,616	1,622,616	12,645

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
11893	WJXX	1,618,191	1,617,272	12,603
32334	WJYS	9,667,341	9,667,317	75,337
25455	WJZ-TV	9,743,335	9,350,346	72,867
73152	WJZY	4,432,745	4,301,117	33,519
64983	WKAQ-TV	3,697,088	2,731,588	21,287
6104	WKAR-TV	1,693,373	1,689,830	13,169
34171	WKAS	542,308	512,994	3,998
51570	WKBD-TV	5,065,617	5,065,350	39,474
73153	WKBN-TV	4,898,622	4,535,576	35,346
13929	WKBS-TV	1,082,894	937,847	7,309
74424	WKBT-DT	866,325	824,795	6,428
54176	WKBW-TV	2,247,191	2,161,366	16,844
53465	WKCF	4,241,181	4,240,354	33,045
73155	WKEF	3,730,595	3,716,127	28,960
34177	WKGB-TV	413,268	411,587	3,207
34196	WKHA	511,281	400,721	3,123
34207	WKLE	856,237	846,630	6,598
34212	WKMA-TV	524,617	524,035	4,084
71293	WKMG-TV	3,803,492	3,803,492	29,641
34195	WKMJ-TV	1,477,906	1,470,645	11,461
34202	WKMR	463,316	428,462	3,339
34174	WKMU	344,430	344,050	2,681
42061	WKNO	1,645,867	1,642,092	12,797
83931	WKNX-TV	1,684,178	1,459,493	11,374
34205	WKOH	584,645	579,258	4,514
67869	WKOI-TV	3,660,544	3,646,874	28,420
34211	WKON	1,080,274	1,072,320	8,357
18267	WKOP-TV	1,555,654	1,382,098	10,771
64545	WKOW	1,918,224	1,899,746	14,805
21432	WKPC-TV	1,525,919	1,517,701	11,827
65758	WKPD	283,454	282,250	2,200
34200	WKPI-TV	606,666	481,220	3,750
27504	WKPT-TV	1,131,213	887,806	6,919
58341	WKPV	1,132,932	731,199	4,676
11289	WKRC-TV	3,281,914	3,229,223	25,165
73187	WKRQ-TV	1,526,600	1,526,075	11,893
73188	WKRN-TV	2,409,767	2,388,588	18,614
34222	WKSO-TV	658,441	642,090	5,004
40902	WKTC	1,387,229	1,386,779	10,807
60654	WKTV	1,573,503	1,342,387	10,461
73195	WKYC	4,180,327	4,124,135	32,139
24914	WKYT-TV	1,174,615	1,156,978	9,016
71861	WKYU-TV	411,448	409,310	3,190
34181	WKZT-TV	1,044,532	1,020,878	7,956
18819	WLAE-TV	1,397,967	1,397,967	10,894
36533	WLAJ	4,100,475	4,063,963	31,670
2710	WLAX	469,017	447,381	3,486
68542	WLBT	948,671	947,857	7,387
39644	WLBZ	373,129	364,346	2,839
69328	WLED-TV	332,718	174,998	1,364
63046	WLEF-TV	192,283	191,149	1,490
73203	WLEX-TV	969,481	964,735	7,518
37806	WLFB	808,036	680,534	5,303
37808	WLFQ	1,614,321	1,282,063	9,991
73204	WLFI-TV	2,243,009	2,221,313	17,311
73205	WLFL	3,640,360	3,636,542	28,340
11113	WLGA	950,018	943,236	7,351
19777	WLII-DT	2,801,102	2,153,564	13,928
37503	WLIO	1,067,232	1,050,170	8,184
38336	WLIW	20,027,920	19,717,729	153,660
27696	WLJC-TV	1,401,072	1,281,256	9,985
71645	WLJT-DT	385,493	385,380	3,003
53939	WLKY	1,927,997	1,919,810	14,961
11033	WLLA	2,081,693	2,081,436	16,221
17076	WLMB	2,754,484	2,747,490	21,411
68518	WLMT	1,736,552	1,733,496	13,509
22591	WLNE-TV	6,429,522	6,381,825	49,734
74420	WLNS-TV	4,100,475	4,063,963	31,670
73206	WLNY-TV	7,501,199	7,415,578	57,790
84253	WLOO	913,960	912,674	7,112
56537	WLOS	3,086,751	2,544,360	19,828

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
37732	WLOV-TV	609,526	607,780	4,736
13995	WLOX	1,182,149	1,170,659	9,123
38586	WLPB-TV	1,219,624	1,219,407	9,503
73189	WLPX-TV	1,066,912	1,022,543	7,969
66358	WLRN-TV	5,447,399	5,447,399	42,452
73226	WLS-TV	10,174,464	10,170,757	79,261
73230	WLTW-DT	5,427,398	5,427,398	42,296
37176	WLTX	1,580,677	1,578,645	12,302
37179	WLTZ	689,521	685,358	5,341
21259	WLUC-TV	92,246	85,393	665
4150	WLUK-TV	1,251,563	1,247,414	9,721
73238	WLVJ	7,441,208	7,343,735	57,230
36989	WLVT-TV	10,613,847	9,474,797	73,837
3978	WLWC	3,281,532	3,150,875	24,555
46979	WLWT	3,367,381	3,355,009	26,146
54452	WLXI	4,184,851	4,166,318	32,468
55350	WLYH	2,829,585	2,367,000	18,446
43192	WMAB-TV	407,794	401,487	3,129
43170	WMAE-TV	686,076	653,173	5,090
43197	WMAH-TV	1,257,393	1,256,995	9,796
43176	WMAO-TV	369,696	369,343	2,878
47905	WMAQ-TV	9,914,395	9,913,272	77,254
59442	WMAR-TV	9,198,495	9,072,076	70,699
43184	WMAU-TV	642,328	636,504	4,960
43193	WMAV-TV	1,008,339	1,008,208	7,857
43169	WMAW-TV	726,173	715,450	5,576
46991	WMAZ-TV	1,185,678	1,136,616	8,858
66398	WMBB	935,027	914,607	7,128
43952	WMBC-TV	18,706,132	18,458,331	143,846
42121	WMBD-TV	742,729	742,660	5,788
83969	WMBF-TV	445,363	445,363	3,471
60829	WMCF-TV	612,942	609,635	4,751
9739	WMCN-TV	10,379,045	9,982,651	77,795
19184	WMC-TV	2,047,403	2,043,125	15,922
189357	WMDE	6,384,827	6,257,910	48,768
73255	WMDN	278,227	278,018	2,167
16455	WMDT	731,931	731,931	5,704
39656	WMEA-TV	902,755	853,857	6,654
39648	WMEB-TV	511,761	494,574	3,854
70537	WMEC	218,027	217,839	1,698
39649	WMED-TV	30,488	29,577	230
39662	WMEM-TV	71,700	69,981	545
41893	WMFD-TV	1,561,367	1,324,244	10,320
41436	WMFP	5,792,048	5,564,295	43,363
61111	WMGM-TV	807,797	807,797	6,295
43847	WMGT-TV	601,894	601,309	4,686
73263	WMHT	1,719,949	1,550,977	12,087
68545	WMLW-TV	1,843,933	1,843,663	14,368
53819	WMOR-TV	5,394,541	5,394,541	42,040
81503	WMOW	121,150	105,957	826
65944	WMPB	7,279,563	7,190,696	56,037
43168	WMPN-TV	856,237	854,089	6,656
65942	WMPT	8,637,742	8,584,398	66,898
60827	WMPV-TV	1,423,052	1,422,411	11,085
10221	WMSN-TV	1,947,942	1,927,158	15,018
2174	WMTJ	3,143,148	2,365,308	18,433
6870	WMTV	1,548,616	1,545,459	12,044
73288	WMTW	1,940,292	1,658,816	12,927
23935	WMUM-TV	862,740	859,204	6,696
73292	WMUR-TV	5,192,179	5,003,980	38,996
42663	WMVS	3,172,534	3,112,231	24,254
42665	WMVT	3,172,534	3,112,231	24,254
81946	WMWC-TV	946,858	916,989	7,146
56548	WMYA-TV	1,650,798	1,571,594	12,247
74211	WMYD	5,750,989	5,750,873	44,817
20624	WMYT-TV	4,432,745	4,301,117	33,519
25544	WMYV	3,901,915	3,875,210	30,200
73310	WNAB	2,176,984	2,166,809	16,886
73311	WNAC-TV	7,310,183	6,959,064	54,232
47535	WNBC	21,952,082	21,399,204	166,764
83965	WNBW-DT	1,400,631	1,396,012	10,879

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
72307	WNCF	667,683	665,950	5,190
50782	WNCN	3,795,494	3,783,131	29,482
57838	WNCT-TV	1,935,414	1,887,929	14,713
41674	WNDU-TV	1,863,764	1,835,398	14,303
28462	WNDY-TV	2,912,963	2,855,253	22,251
71928	WNED-TV	1,387,961	1,370,480	10,680
60931	WNEH	1,261,482	1,255,218	9,782
41221	WNEM-TV	1,475,094	1,471,908	11,471
49439	WNEO	3,353,869	3,271,369	25,494
73318	WNEP-TV	3,429,213	2,838,000	22,117
18795	WNET	21,113,760	20,615,190	160,654
51864	WNEU	7,135,190	7,067,520	55,077
23942	WNGH-TV	5,744,856	5,595,366	43,605
67802	WNIN	883,322	865,128	6,742
41671	WNIT	1,305,447	1,305,447	10,173
48457	WNJB	20,787,272	20,036,393	156,144
48477	WNJN	20,787,272	20,036,393	156,144
48481	WNJS	7,211,292	7,176,711	55,928
48465	WNJT	7,211,292	7,176,711	55,928
73333	WNJU	21,952,082	21,399,204	166,764
73336	WNJX-TV	1,585,248	1,149,468	2,381
61217	WNKY	379,002	377,357	2,941
71905	WNLO	1,900,503	1,820,106	14,184
4318	WNMU	181,736	179,662	1,400
73344	WNNE	792,551	676,539	5,272
54280	WNOL-TV	1,632,389	1,632,389	12,721
71676	WNPB-TV	2,130,047	1,941,707	15,132
62137	WNPI-DT	167,931	161,748	1,261
41398	WNPT	2,260,463	2,227,570	17,359
28468	WNPX-TV	2,084,890	2,071,017	16,139
61009	WNSC-TV	2,431,154	2,425,044	18,898
61010	WNTV	2,419,841	2,211,019	17,230
16539	WNTZ-TV	344,704	343,849	2,680
7933	WNUV	9,098,694	8,906,508	69,408
9999	WNVG	807,960	690,381	5,380
10019	WNVY	1,721,004	1,712,249	13,344
73354	WNWO-TV	2,232,660	2,232,660	17,399
136751	WNYA	1,540,430	1,406,032	10,957
30303	WNYB	1,785,269	1,756,096	13,685
6048	WNYE-TV	19,185,983	19,015,910	148,191
34329	WNYI	1,627,542	1,338,811	10,433
67784	WNYO-TV	1,430,491	1,409,756	10,986
73363	WNYT	1,679,494	1,516,775	11,820
22206	WNYW	20,075,874	19,753,060	153,936
69618	WOAI-TV	2,525,811	2,513,887	19,591
66804	WOAY-TV	581,486	443,210	3,454
41225	WOFL	4,048,104	4,043,672	31,512
70651	WOGX	1,112,408	1,112,408	8,669
8661	WOI-DT	1,173,757	1,170,432	9,121
39746	WOIO	3,821,233	3,745,335	29,187
71725	WOLE-DT	1,784,094	1,312,984	10,232
73375	WOLF-TV	2,990,646	2,522,858	19,661
60963	WOLO-TV	2,635,715	2,594,980	20,223
36838	WOOD-TV	2,507,053	2,501,084	19,491
67602	WOPX-TV	3,877,863	3,877,805	30,220
64865	WORA-TV	2,733,629	2,149,090	2,873
73901	WORO-DT	3,243,301	2,511,742	19,574
60357	WOST	1,193,381	853,762	6,653
66185	WOSU-TV	2,843,651	2,776,901	21,640
131	WOTF-TV	3,451,383	3,451,383	26,897
10212	WOTV	2,368,797	2,368,397	18,457
50147	WOUB-TV	756,762	734,988	5,728
50141	WOUC-TV	1,713,515	1,649,853	12,857
23342	WOWK-TV	1,159,175	1,083,663	8,445
65528	WOWT	1,380,979	1,377,287	10,733
31570	WPAN	637,347	637,347	4,967
4190	WPBA	5,217,180	5,200,958	40,531
51988	WPBF	3,190,307	3,186,405	24,832
21253	WPBN-TV	442,005	430,953	3,358
62136	WPBS-DT	338,448	301,692	2,351
13456	WPBT	5,416,604	5,416,604	42,212

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
13924	WPCB-TV	2,934,614	2,800,516	21,824
64033	WPCH-TV	5,948,778	5,874,163	45,777
4354	WPCT	195,270	194,869	1,519
69880	WPCW	3,393,365	3,188,441	24,848
17012	WPDE-TV	1,772,233	1,769,553	13,790
52527	WPEC	5,788,448	5,788,448	45,109
84088	WPFO	1,329,690	1,209,873	9,429
54728	WPGA-TV	559,495	559,025	4,356
60820	WPGD-TV	2,355,629	2,343,715	18,265
73875	WPGH-TV	3,236,098	3,121,767	24,328
2942	WPGX	425,098	422,872	3,295
73879	WPHL-TV	10,421,216	10,246,856	79,854
73881	WPIX	20,638,932	20,213,158	157,521
53113	WPLG	5,587,129	5,587,129	43,540
11906	WPMI-TV	1,468,001	1,467,594	11,437
10213	WPMT	2,412,561	2,191,501	17,078
18798	WPNE-TV	1,161,295	1,160,631	9,045
73907	WPNT	3,172,170	3,064,423	23,881
28480	WPPT	10,613,847	9,474,797	73,837
51984	WPPX-TV	8,206,117	7,995,941	62,312
47404	WPRI-TV	7,254,721	6,990,606	54,478
51991	WPSD-TV	883,814	879,213	6,852
12499	WPSG	10,232,988	9,925,334	77,348
66219	WPSU-TV	1,055,133	868,013	6,764
73905	WPTA	1,099,180	1,099,180	8,566
25067	WPTD	3,423,417	3,411,727	26,588
25065	WPTO	2,961,254	2,951,883	23,004
59443	WPTV-TV	5,840,102	5,840,102	45,512
57476	WPTZ	792,551	676,539	5,272
8616	WPVI-TV	11,491,587	11,302,701	88,082
48772	WPWR-TV	9,957,301	9,954,828	77,578
51969	WPXA-TV	6,587,205	6,458,510	50,331
71236	WPXC-TV	1,561,014	1,561,014	12,165
5800	WPXD-TV	5,249,447	5,249,447	40,909
37104	WPXE-TV	3,067,071	3,057,388	23,826
48406	WPXG-TV	2,577,848	2,512,150	19,577
73312	WPXH-TV	1,471,601	1,451,634	11,313
73910	WPXI	3,300,896	3,197,864	24,921
2325	WPXJ-TV	2,357,870	2,289,706	17,844
52628	WPXK-TV	1,801,997	1,577,806	12,296
21729	WPXL-TV	1,639,180	1,639,180	12,774
48608	WPXM-TV	5,153,621	5,153,621	40,162
73356	WPXN-TV	20,878,066	20,454,468	159,402
27290	WPXP-TV	5,565,072	5,565,072	43,369
50063	WPXQ-TV	3,281,532	3,150,875	24,555
70251	WPXR-TV	1,375,640	1,200,331	9,354
40861	WPXS	2,339,305	2,251,498	17,546
53065	WPXT	1,002,128	952,535	7,423
37971	WPXU-TV	690,613	690,613	5,382
67077	WPXV-TV	1,919,794	1,919,794	14,961
74091	WPXW-TV	8,075,268	8,024,342	62,534
21726	WPXX-TV	1,562,675	1,560,834	12,164
73319	WQAD-TV	1,101,012	1,089,523	8,491
65130	WQCW	1,307,345	1,236,020	9,632
71561	WQEC	183,969	183,690	1,431
41315	WQED	3,529,305	3,426,684	26,704
3255	WQHA	1,052,107	730,913	5,696
60556	WQHS-DT	3,996,567	3,952,672	30,803
53716	WQLN	602,232	577,633	4,501
52075	WQMY	410,269	254,586	1,984
64550	WQOW	369,066	358,576	2,794
5468	WQPT-TV	595,685	595,437	4,640
64690	WQPX-TV	1,644,283	1,212,587	9,450
52408	WQRF-TV	1,375,774	1,354,979	10,559
2175	WQTO	2,864,201	1,598,365	5,727
8688	WRAL-TV	3,852,675	3,848,801	29,994
10133	WRAY-TV	4,184,851	4,166,318	32,468
64611	WRAZ	3,800,594	3,797,515	29,594
136749	WRBJ-TV	1,030,831	1,028,010	8,011
3359	WRBL	1,493,140	1,461,459	11,389
57221	WRBU	2,933,497	2,929,776	22,832

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
54940	WRBW	4,080,267	4,077,341	31,775
59137	WRCB	1,587,742	1,363,582	10,626
47904	WRC-TV	8,188,601	8,146,696	63,487
54963	WRDC	3,972,477	3,966,864	30,914
55454	WRDQ	3,931,023	3,931,023	30,634
73937	WRDW-TV	1,564,584	1,533,682	11,952
66174	WREG-TV	1,642,307	1,638,585	12,769
61011	WRET-TV	2,419,841	2,211,019	17,230
73940	WREX	2,303,027	2,047,951	15,960
54443	WRFB	2,674,527	1,975,375	21,287
73942	WRGB	1,757,575	1,645,483	12,823
411	WRGT-TV	3,451,036	3,416,078	26,621
74416	WRIC-TV	2,059,152	1,996,075	15,555
61012	WRJA-TV	1,127,088	1,119,936	8,728
412	WRLH-TV	2,017,508	1,959,111	15,267
61013	WRLK-TV	1,229,094	1,228,616	9,575
43870	WRLM	3,960,217	3,945,408	30,747
74156	WRNN-TV	19,853,836	19,615,370	152,863
73964	WROC-TV	1,203,412	1,185,203	9,236
159007	WRPT	110,009	109,937	857
20590	WRPX-TV	2,637,949	2,634,141	20,528
62009	WRSP-TV	1,156,134	1,154,040	8,993
40877	WRTV	2,919,683	2,895,164	22,562
15320	WRUA	2,905,193	2,121,362	16,532
71580	WRXY-TV	1,784,000	1,784,000	13,903
48662	WSAV-TV	1,000,315	1,000,309	7,795
6867	WSAW-TV	652,442	646,386	5,037
36912	WSAZ-TV	1,239,187	1,168,954	9,110
56092	WSBE-TV	7,535,710	7,266,304	56,626
73982	WSBK-TV	7,290,901	7,225,463	56,308
72053	WSBS-TV	42,952	42,952	335
73983	WSBT-TV	1,763,215	1,752,698	13,659
23960	WSB-TV	5,897,425	5,828,269	45,420
69446	WSCG	867,516	867,490	6,760
64971	WSCV	5,465,435	5,465,435	42,592
70536	WSEC	541,118	540,495	4,212
49711	WSEE-TV	613,176	595,476	4,641
21258	WSES	1,548,117	1,513,982	11,798
73988	WSET-TV	1,569,722	1,323,180	10,312
13993	WSFA	1,168,636	1,133,724	8,835
11118	WSFJ-TV	1,675,987	1,667,150	12,992
10203	WSFL-TV	5,344,129	5,344,129	41,647
72871	WSFX-TV	970,833	970,833	7,566
73999	WSIL-TV	672,560	669,176	5,215
4297	WSIU-TV	1,019,939	937,070	7,303
74007	WSJV	1,522,499	1,522,499	11,865
78908	WSKA	546,588	431,354	3,362
74034	WSKG-TV	892,402	633,163	4,934
76324	WSKY-TV	1,934,585	1,934,519	15,076
57840	WSLS-TV	1,447,286	1,277,753	9,958
21737	WSMH	2,339,224	2,327,660	18,139
41232	WSMV-TV	2,447,769	2,404,766	18,740
70119	WSNS-TV	9,914,395	9,913,272	77,254
74070	WSOC-TV	3,706,808	3,638,832	28,357
66391	WSPA-TV	3,388,945	3,227,025	25,148
64352	WSPX-TV	1,298,295	1,174,763	9,155
17611	WSRE	1,354,495	1,353,634	10,549
63867	WSST-TV	331,907	331,601	2,584
60341	WSTE-DT	3,723,930	3,033,241	23,638
21252	WSTM-TV	1,455,586	1,379,393	10,750
11204	WSTR-TV	3,297,280	3,286,795	25,614
19776	WSUR-DT	3,714,790	3,015,529	10,232
2370	WSVI	50,601	50,601	394
63840	WSVN	5,588,748	5,588,748	43,553
73374	WSWB	1,530,002	1,102,316	8,590
28155	WSWG	381,004	380,910	2,968
71680	WSWP-TV	858,726	659,416	5,139
74094	WSYM-TV	1,498,905	1,498,671	11,679
73113	WSYR-TV	1,329,933	1,243,035	9,687
40758	WSYT	1,970,721	1,739,071	13,553
56549	WSYX	2,635,937	2,592,420	20,203

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
65681	WTAE-TV	2,995,755	2,860,979	22,296
23341	WTAJ-TV	1,187,718	948,598	7,392
4685	WTAP-TV	512,358	494,914	3,857
416	WTAT-TV	1,111,476	1,111,476	8,662
67993	WTBY-TV	15,858,470	15,766,438	122,868
29715	WTCE-TV	2,620,599	2,620,599	20,422
65667	WTCI	1,204,613	1,099,395	8,568
67786	WTCT	608,457	607,620	4,735
28954	WTCV	3,254,481	2,500,195	19,484
74422	WTEN	1,902,431	1,613,747	12,576
9881	WTGL	3,707,507	3,707,507	28,893
27245	WTGS	966,519	966,357	7,531
70655	WTHI-TV	928,934	886,846	6,911
70162	WTHR	2,949,339	2,901,633	22,612
147	WTIC-TV	5,318,753	4,707,697	36,687
26681	WTIN-TV	3,714,547	2,898,224	2,381
66536	WTIU	1,570,257	1,569,135	12,228
1002	WTJP-TV	1,947,743	1,907,300	14,864
4593	WTJR	334,527	334,221	2,605
70287	WTJX-TV	135,017	121,498	947
47401	WTKR	2,149,376	2,149,375	16,750
82735	WTLF	349,696	349,691	2,725
23486	WTLH	1,065,127	1,065,105	8,300
67781	WTLJ	1,622,365	1,621,227	12,634
65046	WTLV	1,757,600	1,739,021	13,552
1222	WTLW	1,646,714	1,644,206	12,813
74098	WTMJ-TV	3,096,406	3,085,983	24,049
74109	WTNH	7,845,782	7,332,431	57,142
19200	WTNZ	1,699,427	1,513,754	11,797
590	WTOC-TV	993,098	992,658	7,736
74112	WTOG	4,796,964	4,796,188	37,377
4686	WTOK-TV	410,134	404,555	3,153
13992	WTOL	4,184,020	4,174,198	32,530
21254	WTOM-TV	83,379	81,092	632
74122	WTOV-TV	3,892,886	3,619,899	28,210
82574	WTPC-TV	2,049,246	2,042,851	15,920
86496	WTPX-TV	255,972	255,791	1,993
6869	WTRF-TV	2,941,511	2,565,375	19,992
67798	WTSF	922,441	851,465	6,635
11290	WTSP	5,511,840	5,494,925	42,822
4108	WTTA	5,583,544	5,576,649	43,459
74137	WTTE	2,690,341	2,650,354	20,654
22207	WTTG	8,070,491	8,015,328	62,463
56526	WTTK	2,844,384	2,825,807	22,022
74138	WTTQ	1,817,151	1,786,516	13,922
56523	WTTV	2,522,077	2,518,133	19,624
10802	WTTW	9,729,982	9,729,634	75,823
74148	WTV	823,492	810,123	6,313
22590	WTV	1,579,628	1,366,976	10,653
8617	WTV	3,790,354	3,775,757	29,424
55305	WTV	5,156,905	5,152,997	40,157
36504	WTV	2,384,622	2,367,601	18,451
74150	WTV	4,274,274	4,263,894	33,229
74151	WTV	1,350,223	1,275,171	9,937
10645	WTV	2,856,703	2,829,960	22,054
63154	WTV	5,458,451	5,458,451	42,538
595	WTV	1,498,667	1,405,957	10,957
72945	WTV	1,409,708	1,398,825	10,901
28311	WTV	678,884	678,539	5,288
51597	WTVQ-DT	989,786	983,552	7,665
57832	WTVR-TV	1,816,197	1,809,035	14,098
16817	WTVS	5,511,091	5,510,837	42,946
68569	WTVT	5,475,385	5,462,416	42,569
3661	WTVW	839,003	834,187	6,501
35575	WTVX	3,157,609	3,157,609	24,607
4152	WTVY	974,532	971,173	7,568
40759	WTVZ-TV	2,156,534	2,156,346	16,804
66908	WTWC-TV	1,061,101	1,061,079	8,269
20426	WTWO	737,341	731,294	5,699
81692	WTWV	1,527,511	1,526,625	11,897
51568	WTFX-TV	10,784,256	10,492,549	81,768

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
41065	WTXL-TV	1,054,514	1,054,322	8,216
8532	WUAB	3,821,233	3,745,335	29,187
12855	WUCF-TV	3,707,507	3,707,507	28,893
36395	WUCW	3,664,480	3,657,236	28,501
69440	WUFT	1,372,142	1,372,142	10,693
413	WUHF	1,152,580	1,147,972	8,946
8156	WUJA	2,638,361	1,977,410	15,410
69080	WUNC-TV	4,184,851	4,166,318	32,468
69292	WUND-TV	1,506,640	1,506,640	11,741
69114	WUNE-TV	3,146,865	2,625,942	20,464
69300	WUNF-TV	2,335,055	2,068,975	16,124
69124	WUNG-TV	3,605,143	3,588,220	27,963
60551	WUNI	7,209,571	7,084,349	55,208
69332	WUNJ-TV	1,081,274	1,081,274	8,426
69149	WUNK-TV	2,018,916	2,013,516	15,691
69360	WUNL-TV	3,055,263	2,834,274	22,087
69444	WUNM-TV	1,357,346	1,357,346	10,578
69397	WUNP-TV	1,402,186	1,393,524	10,860
69416	WUNU	1,202,495	1,201,481	9,363
83822	WUNW	1,109,237	570,072	4,443
6900	WUPA	5,966,454	5,888,379	45,888
13938	WUPL	1,721,320	1,721,320	13,414
10897	WUPV	1,933,664	1,914,643	14,921
19190	WUPW	2,100,914	2,099,572	16,362
23128	WUPX-TV	1,102,435	1,089,118	8,487
65593	WUSA	8,750,706	8,446,074	65,820
4301	WUSI-TV	339,507	339,507	2,646
60552	WUTB	8,523,983	8,381,042	65,313
30577	WUTF-TV	7,918,927	7,709,189	60,078
57837	WUTR	526,114	481,957	3,756
415	WUTV	1,589,376	1,557,474	12,137
16517	WUVC-DT	3,768,817	3,748,841	29,215
48813	WUVG-DT	6,029,495	5,965,975	46,493
3072	WUVN	1,233,568	1,157,140	9,018
60560	WUVP-DT	10,421,216	10,246,856	79,854
9971	WUXP-TV	2,316,872	2,305,293	17,965
417	WVAH-TV	1,373,555	1,295,383	10,095
23947	WVAN-TV	1,026,862	1,025,950	7,995
65387	WVBT	1,885,169	1,885,169	14,691
72342	WVCY-TV	2,543,642	2,542,235	19,812
60559	WVEA-TV	4,553,004	4,552,113	35,475
74167	WVEC	2,098,679	2,092,868	16,310
5802	WVEN-TV	3,921,016	3,919,361	30,544
61573	WVEO	1,153,382	761,454	4,676
69946	WVER	888,756	758,441	5,911
10976	WVFX	731,193	609,763	4,752
47929	WVIA-TV	3,429,213	2,838,000	22,117
3667	WVIL-TV	368,022	346,874	2,703
70309	WVIR-TV	1,945,637	1,908,395	14,872
74170	WVIT	5,846,093	5,357,639	41,752
18753	WVIZ	3,695,223	3,689,173	28,750
70021	WVLA-TV	1,897,179	1,897,007	14,783
81750	WVLR	1,412,728	1,300,554	10,135
35908	WVLT-TV	1,888,607	1,633,633	12,731
74169	WVNS-TV	911,630	606,820	4,729
11259	WVNY	742,579	659,270	5,138
29000	WVOZ-TV	1,132,932	731,199	4,676
71657	WVPB-TV	780,268	752,747	5,866
60111	WVPT	767,268	642,173	5,004
70491	WVPX-TV	4,147,298	4,114,920	32,068
66378	WVPY	756,696	632,649	4,930
67190	WVSN	2,948,832	2,137,333	16,656
69943	WVTA	760,072	579,703	4,518
69940	WVTB	455,880	257,445	2,006
74173	WVTM-TV	2,009,346	1,940,153	15,120
74174	WVTV	3,091,132	3,083,108	24,027
77496	WVUA	2,209,921	2,160,101	16,834
4149	WVUE-DT	1,658,125	1,658,125	12,922
4329	WVUT	273,293	273,215	2,129
74176	WVVA	1,037,632	722,666	5,632
3113	WVXF	85,191	78,556	612

TABLE 7—FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
12033	WWAY	1,208,625	1,208,625	9,419
30833	WWBT	1,924,502	1,892,842	14,751
20295	WWCP-TV	2,811,278	2,548,691	19,862
24812	WWCW	1,390,985	1,212,308	9,448
23671	WWDP	5,792,048	5,564,295	43,363
21158	WWHO	2,762,344	2,721,504	21,209
14682	WWJE-DT	7,209,571	7,084,349	55,208
72123	WWJ-TV	5,562,031	5,561,777	43,343
166512	WWJX	518,866	518,846	4,043
6868	WWLP	3,838,272	3,077,800	23,985
74192	WWL-TV	1,788,624	1,788,624	13,939
3133	WWMB	1,547,974	1,544,778	12,038
74195	WWMT	2,460,942	2,455,432	19,135
68851	WWNY-TV	375,600	346,623	2,701
74197	WWOR-TV	19,853,836	19,615,370	152,863
65943	WWPB	3,197,858	2,775,966	21,633
23264	WWPX-TV	2,299,441	2,231,612	17,391
68547	WWRS-TV	2,324,155	2,321,066	18,088
61251	WWSB	3,340,133	3,340,133	26,030
23142	WWSI	11,269,831	11,098,540	86,491
16747	WWTI	196,531	190,097	1,481
998	WWTO-TV	5,613,737	5,613,737	43,748
26994	WWTV	1,034,174	1,022,322	7,967
84214	WWTW	1,527,511	1,526,625	11,897
26993	WWUP-TV	116,638	110,592	862
23338	WXBU	4,030,693	3,538,096	27,572
61504	WXCW	1,749,847	1,749,847	13,637
61084	WXEL-TV	5,416,604	5,416,604	42,212
60539	WXFT-DT	10,174,464	10,170,757	79,261
23929	WXGA-TV	608,494	606,849	4,729
51163	WXIA-TV	6,179,680	6,035,828	47,037
53921	WXII-TV	3,630,551	3,299,114	25,710
146	WXIN	2,836,532	2,814,815	21,936
39738	WXIX-TV	2,911,054	2,900,875	22,607
414	WXLV-TV	4,362,761	4,333,737	33,773
68433	WXMI	1,988,970	1,988,589	15,497
64549	WXOW	425,378	413,264	3,221
6601	WXPX-TV	4,594,588	4,592,639	35,790
74215	WXTV-DT	19,992,096	19,643,518	153,082
12472	WXTX	699,095	694,837	5,415
11970	WXXA-TV	1,680,670	1,537,868	11,985
57274	WXXI-TV	1,184,860	1,168,696	9,108
53517	WXXV-TV	1,191,123	1,189,584	9,270
10267	WXYZ-TV	5,622,543	5,622,140	43,813
12279	WYCC	9,729,982	9,729,634	75,823
77515	WYCI	35,873	26,508	207
70149	WYCW	3,388,945	3,227,025	25,148
62219	WYDC	560,266	449,486	3,503
18783	WYDN	2,577,848	2,512,150	19,577
35582	WYDO	1,097,745	1,097,745	8,555
25090	WYES-TV	1,872,245	1,872,059	14,589
53905	WYFF	2,626,363	2,416,551	18,832
49803	WYIN	6,956,141	6,956,141	54,209
24915	WYMT-TV	1,180,276	863,881	6,732
17010	WYOU	2,879,196	2,226,883	17,354
77789	WYOW	91,233	90,799	708
13933	WYPX-TV	1,529,500	1,413,583	11,016
4693	WYTV	4,898,622	4,535,576	35,346
5875	WYZZ-TV	1,042,140	1,036,721	8,079
15507	WZBJ	1,606,844	1,439,716	11,220
28119	WZDX	1,596,771	1,514,654	11,804
70493	WZME	5,996,408	5,544,708	43,210
81448	WZMQ	73,423	72,945	568
71871	WZPX-TV	2,039,157	2,039,157	15,891
136750	WZRB	952,279	951,693	7,417
418	WZTV	2,312,658	2,301,187	17,933
83270	WZVI	76,992	75,863	591
19183	WZVN-TV	1,981,488	1,981,488	15,442
49713	WZZM	1,574,546	1,548,835	12,070

Notes:

- <sup>1</sup> Call signs WIPM and WIPR are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>2</sup> Call signs WNJX and WAPA are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>2</sup> Call signs WKAQ and WORA are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>4</sup> Call signs WOLE and WLII are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>5</sup> Call signs WVEO and WTCV are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>6</sup> Call signs WJPX and WJWN are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>7</sup> Call signs WAPA and WTIN are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>8</sup> Call signs WSUR and WLII are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>9</sup> Call signs WVOZ and WTCV are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>10</sup> Call signs WJPX and WKPV are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>11</sup> Call signs WMTJ and WQTO are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>12</sup> Call signs WIRS and WJPX are stations in Puerto Rico that are linked together with a total fee of \$24,160.
- <sup>13</sup> Call signs WRFB and WORA are stations in Puerto Rico that are linked together with a total fee of \$24,160.

TABLE 8—FY 2020 SCHEDULE OF REGULATORY FEES

[Regulatory fees for the categories shaded in gray are collected by the Commission in advance to cover the term of the license and are submitted at the time the application is filed.]

Fee category	Annual regulatory fee (U.S. \$s)
PLMRS (per license) (Exclusive Use) (47 CFR part 90) .....	25
Microwave (per license) (47 CFR part 101) .....	25
Marine (Ship) (per station) (47 CFR part 80) .....	15
Marine (Coast) (per license) (47 CFR part 80) .....	40
Rural Radio (47 CFR part 22) (previously listed under the Land Mobile category) .....	10
PLMRS (Shared Use) (per license) (47 CFR part 90) .....	10
Aviation (Aircraft) (per station) (47 CFR part 87) .....	10
Aviation (Ground) (per license) (47 CFR part 87) .....	20
CMRS Mobile/Cellular Services (per unit) (47 CFR parts 20, 22, 24, 27, 80 and 90) .....	.17
CMRS Messaging Services (per unit) (47 CFR parts 20, 22, 24 and 90) .....	.08
Broadband Radio Service (formerly MMDS/MDS) (per license) (47 CFR part 27) .....	560
Local Multipoint Distribution Service (per call sign) (47 CFR, part 101) .....	560
AM Radio Construction Permits .....	610
FM Radio Construction Permits .....	1,075
AM and FM Broadcast Radio Station Fees .....	See Table Below
Digital TV (47 CFR part 73) VHF and UHF Commercial Fee Factor .....	* \$.007837
Digital TV Construction Permits .....	4,950
Low Power TV, Class A TV, TV/FM Translators & FM Boosters (47 CFR part 74) .....	315
CARS (47 CFR part 78) .....	1,300
Cable Television Systems (per subscriber) (47 CFR part 76), Including IPTV .....	.89
Direct Broadcast Service (DBS) (per subscriber) (as defined by section 602(13) of the Act) .....	.72
Interstate Telecommunication Service Providers (per revenue dollar) .....	.00321
Toll Free (per toll free subscriber) (47 CFR section 52.101 (f) of the rules) .....	.12
Earth Stations (47 CFR part 25) .....	560
Space Stations (per operational station in geostationary orbit) (47 CFR part 25) also includes DBS Service (per operational station) (47 CFR part 100) .....	98,125
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25) .....	223,500
International Bearer Circuits—Terrestrial/Satellites (per Gbps circuit) .....	\$41
Submarine Cable Landing Licenses Fee (per cable system) .....	See Table Below.

\* See Appendix G for fee amounts due, also available at <https://www.fcc.gov/licensing-databases/fees/regulatory-fees>.

FY 2020 RADIO STATION REGULATORY FEES

Population served	AM Class A	AM Class B	AM Class C	AM Class D	FM Classes A, B1 & C3	FM Classes B, C, C0, C1 & C2
<=25,000 .....	\$975	\$700	\$610	\$670	\$1,075	\$1,225
25,001–75,000 .....	1,475	1,050	915	1,000	1,625	1,850
75,001–150,000 .....	2,200	1,575	1,375	1,500	2,425	2,750
150,001–500,000 .....	3,300	2,375	2,050	2,275	3,625	4,150
500,001–1,200,000 .....	4,925	3,550	3,075	3,400	5,450	6,200
1,200,001–3,000,000 .....	7,400	5,325	4,625	5,100	8,175	9,300
3,000,001–6,000,000 .....	11,100	7,975	6,950	7,625	12,250	13,950
>6,000,000 .....	16,675	11,975	10,425	11,450	18,375	20,925

FY 2020 INTERNATIONAL BEARER CIRCUITS—SUBMARINE CABLE SYSTEMS

Submarine cable systems (capacity as of December 31, 2019)	Fee ratio (units)	FY 2020 regulatory fees
Less than 50 Gbps .....	.0625	\$13,450
50 Gbps or greater, but less than 250 Gbps .....	.125	26,875

FY 2020 INTERNATIONAL BEARER CIRCUITS—SUBMARINE CABLE SYSTEMS—Continued

Submarine cable systems (capacity as of December 31, 2019)	Fee ratio (units)	FY 2020 regulatory fees
250 Gbps or greater, but less than 1,500 Gbps .....	.25	53,750
1,500 Gbps or greater, but less than 3,500 Gbps .....	.5	107,500
3,500 Gbps or greater, but less than 6,500 Gbps .....	1.0	215,000
6,500 Gbps or greater .....	2.0	430,000

**IV. Final Regulatory Flexibility Analysis**

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA), an Initial Regulatory Flexibility Analysis (IRFA) was included in the *Notice of Proposed Rulemaking (NPRM)* for fiscal year 2021. The Commission sought written public comment on these proposals including comment on the IRFA. This Final Regulatory Flexibility Analysis (FRFA) conforms to the IRFA.

*A. Need for, and Objectives of, the Report and Order*

2. In the Report and Order, the Commission adopts a regulatory fee schedule to collect \$374,000,000 in congressionally required regulatory fees for fiscal year (FY) 2021. Under section 9 of the Communications Act of 1934, as amended, (Communications Act or Act), regulatory fees are mandated by Congress and collected to recover the regulatory costs associated with the Commission’s enforcement, policy and rulemaking, user information, and international activities in an amount that can be reasonably expected to equal the amount of the Commission’s annual appropriation. The objective in the Report for adopting the regulatory fee schedule is to comply with the Congressional mandate to recover the total amount of the Commission’s annual appropriation, from the various industries for which the Commission provides oversight or regulation, based on the number of full time employees (FTEs) involved in such oversight and regulation in the licensing bureaus.

*B. Summary of the Significant Issues Raised by the Public Comments in Response to the IRFA*

3. None.

*C. Response to Comments by the Chief Counsel for Advocacy of the Small Business Administration*

4. No comments were filed by the Chief Counsel for Advocacy of the Small Business Administration.

*D. Description and Estimate of the Number of Small Entities to Which the 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. 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. 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.

6. *Small Businesses, Small Organizations, Small Governmental Jurisdictions, 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 here, at the outset, three broad groups of small entities that could be directly affected herein. 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. These types of small businesses represent 99.9% of all businesses in the United States, which translates to 30.7 million businesses.

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.” 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. Nationwide, for tax year 2018, there were approximately 571,709 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.

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.” U.S. Census Bureau data from the 2017 Census of Governments indicate that there were 90,075 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States. Of this number there were 36,931 general purpose governments (county, municipal and town or township) with populations of less than 50,000 and 12,040 special purpose governments— independent school districts with enrollment populations of less than 5ll governmental jurisdictions.”

9. *Wired Telecommunications Carriers.* The U.S. Census Bureau defines this industry as “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 communications networks. Transmission facilities may be based on a single technology or a combination of technologies. 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 Voice over internet Protocol (VoIP) services, wired (cable and IPTV) audio and video programming distribution, and wired broadband internet services. By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry.” The SBA has developed a small business size standard for Wired Telecommunications Carriers, which consists of all such companies having 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year. Of this total, 3,083 operated with fewer

than 1,000 employees. Thus, under this size standard, the majority of firms in this industry can be considered small.

10. *Local Exchange Carriers (LECs)*. Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to local exchange services. The closest applicable NAICS Code category is Wired Telecommunications Carriers. Under the applicable SBA size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated for the entire year. Of that total, 3,083 operated with fewer than 1,000 employees. Thus under this category and the associated size standard, the Commission estimates that the majority of local exchange carriers are small entities.

11. *Incumbent LECs*. Neither the Commission nor the SBA has developed a small business size standard specifically for incumbent local exchange services. The closest applicable NAICS Code category is Wired Telecommunications Carriers. Under the applicable SBA size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 indicate that 3,117 firms operated the entire year. Of this total, 3,083 operated with fewer than 1,000 employees. Consequently, the Commission estimates that most providers of incumbent local exchange service are small businesses that may be affected by our actions. According to Commission data, one thousand three hundred and seven (1,307) Incumbent Local Exchange Carriers reported that they were incumbent local exchange service providers. Of this total, an estimated 1,006 have 1,500 or fewer employees. Thus, using the SBA's size standard the majority of incumbent LECs can be considered small entities.

12. *Competitive Local Exchange Carriers (Competitive LECs), Competitive Access Providers (CAPs), Shared-Tenant Service Providers, and Other Local Service Providers*. Neither the Commission nor the SBA has developed a small business size standard specifically for these service providers. The appropriate NAICS Code category is Wired Telecommunications Carriers and under that size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 indicate that 3,117 firms operated during that year. Of that number, 3,083 operated with fewer than 1,000 employees. Based on these data, the Commission concludes that the majority of Competitive LECs, CAPs, Shared-Tenant Service Providers, and Other Local Service Providers, are small

entities. According to Commission data, 1,442 carriers reported that they were engaged in the provision of either competitive local exchange services or competitive access provider services. Of these 1,442 carriers, an estimated 1,256 have 1,500 or fewer employees. In addition, 17 carriers have reported that they are Shared-Tenant Service Providers, and all 17 are estimated to have 1,500 or fewer employees. Also, 72 carriers have reported that they are Other Local Service Providers. Of this total, 70 have 1,500 or fewer employees. Consequently, based on internally researched FCC data, the Commission estimates that most providers of competitive local exchange service, competitive access providers, Shared-Tenant Service Providers, and Other Local Service Providers are small entities.

13. *Interexchange Carriers (IXCs)*. Neither the Commission nor the SBA has developed a small business size standard specifically for Interexchange Carriers. The closest applicable NAICS Code category is Wired Telecommunications Carriers. The applicable size standard under SBA rules is that such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 indicate that 3,117 firms operated for the entire year. Of that number, 3,083 operated with fewer than 1,000 employees. According to internally developed Commission data, 359 companies reported that their primary telecommunications service activity was the provision of interexchange services. Of this total, an estimated 317 have 1,500 or fewer employees. Consequently, the Commission estimates that the majority of interexchange service providers are small entities.

14. *Prepaid Calling Card Providers*. Neither the Commission nor the SBA has developed a small business size standard specifically for prepaid calling card providers. The appropriate NAICS code category for prepaid calling card providers is Telecommunications Resellers. This industry comprises establishments engaged in purchasing access and network capacity from owners and operators of telecommunications networks and reselling wired and wireless telecommunications services (except satellite) to businesses and households. Establishments in this industry resell telecommunications; they do not operate transmission facilities and infrastructure. Mobile virtual network operators (MVNOs) are included in this industry. The SBA has developed a small business size standard for the

category of Telecommunications Resellers. Under that size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that 1,341 firms provided resale services during that year. Of that number, 1,341 operated with fewer than 1,000 employees. Thus, under this category and the associated small business size standard, the majority of these resellers can be considered small entities. According to Commission data, 193 carriers have reported that they are engaged in the provision of prepaid calling cards. All 193 carriers have 1,500 or fewer employees. Consequently, the Commission estimates that the majority of prepaid calling card providers are small.

15. *Local Resellers*. The SBA has not developed a small business size standard specifically for Local Resellers. The SBA category of Telecommunications Resellers is the closest NAICS code category for local resellers. The Telecommunications Resellers industry comprises establishments engaged in purchasing access and network capacity from owners and operators of telecommunications networks and reselling wired and wireless telecommunications services (except satellite) to businesses and households. Establishments in this industry resell telecommunications; they do not operate transmission facilities and infrastructure. Mobile virtual network operators (MVNOs) are included in this industry. Under the SBA's size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data from 2012 show that 1,341 firms provided resale services during that year. Of that number, all operated with fewer than 1,000 employees. Thus, under this category and the associated small business size standard, the majority of these resellers can be considered small entities. According to Commission data, 213 carriers have reported that they are engaged in the provision of local resale services. Of these, an estimated 211 have 1,500 or fewer employees and two have more than 1,500 employees. Consequently, the Commission estimates that the majority of local resellers are small entities.

16. *Toll Resellers*. The Commission has not developed a definition for Toll Resellers. The closest NAICS Code Category is Telecommunications Resellers. The Telecommunications Resellers industry comprises establishments engaged in purchasing access and network capacity from owners and operators of

telecommunications networks and reselling wired and wireless telecommunications services (except satellite) to businesses and households. Establishments in this industry resell telecommunications; they do not operate transmission facilities and infrastructure. MVNOs are included in this industry. The SBA has developed a small business size standard for the category of Telecommunications Resellers. Under that size standard, such a business is small if it has 1,500 or fewer employees. 2012 Census Bureau data show that 1,341 firms provided resale services during that year. Of that number, 1,341 operated with fewer than 1,000 employees. Thus, under this category and the associated small business size standard, the majority of these resellers can be considered small entities. According to Commission data, 881 carriers have reported that they are engaged in the provision of toll resale services. Of this total, an estimated 857 have 1,500 or fewer employees. Consequently, the Commission estimates that the majority of toll resellers are small entities.

17. *Other Toll Carriers.* Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to Other Toll Carriers. This category includes toll carriers that do not fall within the categories of interexchange carriers, operator service providers, prepaid calling card providers, satellite service carriers, or toll resellers. The closest applicable NAICS code category is for Wired Telecommunications Carriers, as defined in paragraph 6 of this IRFA. Under that size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year. Of this total, 3,083 operated with fewer than 1,000 employees. Thus, under this size standard, the majority of firms in this industry can be considered small. According to Commission data, 284 companies reported that their primary telecommunications service activity was the provision of other toll carriage. Of these, an estimated 279 have 1,500 or fewer employees. Consequently, the Commission estimates that most Other Toll Carriers are small entities.

18. *Wireless Telecommunications Carriers (except Satellite).* This industry comprises establishments engaged in operating and maintaining switching and transmission facilities to provide communications via the airwaves. 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. The appropriate size standard under SBA rules is that such a business is small if it has 1,500 or fewer employees. For this industry, U.S. Census Bureau data for 2012 show that there were 967 firms that operated for the entire year. Of this total, 955 firms had employment of 999 or fewer employees and 12 had employment of 1,000 employees or more. Thus under this category and the associated size standard, the Commission estimates that the majority of wireless telecommunications carriers (except satellite) are small entities.

19. *Television Broadcasting.* This Economic Census category “comprises establishments primarily engaged in broadcasting images together with sound.” These establishments operate television broadcast studios and facilities for the programming and transmission of programs to the public. 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 has created the following small business size standard for such businesses: Those having \$41.5 million or less in annual receipts. The 2012 Economic Census reports that 751 firms in this category operated in that year. Of that number, 656 had annual receipts of \$25,000,000 or less. Based on this data we therefore estimate that the majority of commercial television broadcasters are small entities under the applicable SBA size standard.

20. The Commission has estimated the number of licensed commercial television stations to be 1,377. Of this total, 1,258 stations (or about 91 percent) had revenues of \$41.5 million or less, according to Commission staff review of the BIA Kelsey Inc. Media Access Pro Television Database (BIA) on November 16, 2017, and therefore these licensees qualify as small entities under the SBA definition. In addition, the Commission has estimated the number of licensed noncommercial educational television stations to be 384. Notwithstanding, the Commission does not compile and otherwise does not have access to information on the revenue of NCE stations that would permit it to determine how many such stations would qualify as small entities. There are also 2,300 low power television stations, including Class A stations (LPTV) and 3,681 TV translator stations. Given the nature of these services, we will presume that all of these entities qualify as small entities

under the above SBA small business size standard.

21. In assessing whether a business concern qualifies as “small” under the above definition, business (control) affiliations 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 television broadcast station is dominant in its field of operation. Accordingly, the estimate of small businesses to which rules may apply does not exclude any television station from the definition of a small business on this basis and is therefore possibly over-inclusive. Also, as noted above, an additional element of the definition of “small business” is that the entity must be independently owned and operated. The Commission notes that it is difficult at times to assess these criteria in the context of media entities and its estimates of small businesses to which they apply may be over-inclusive to this extent.

22. *Radio Stations.* This Economic Census category “comprises establishments primarily engaged in broadcasting aural programs by radio to the public. Programming may originate in their own studio, from an affiliated network, or from external sources.” The SBA has established a small business size standard for this category as firms having \$41.5 million or less in annual receipts. Economic Census data for 2012 show that 2,849 radio station firms operated during that year. Of that number, 2,806 firms operated with annual receipts of less than \$25 million per year, 17 with annual receipts between \$25 million and \$49,999,999 million and 26 with annual receipts of \$50 million or more. Therefore, based on the SBA’s size standard the majority of such entities are small entities.

23. According to Commission staff review of the BIA/Kelsey, LLC’s Media Access Pro Radio Database as of January 2018, about 11,261 (or about 99.9 percent) of 11,383 commercial radio stations had revenues of \$41.5 million or less and thus qualify as small entities under the SBA definition. The Commission has estimated the number of licensed commercial AM radio stations to be 4,633 stations and the number of commercial FM radio stations to be 6,738, for a total number of 11,371. We note the Commission has

also estimated the number of licensed noncommercial (NCE) FM radio stations to be 4,128. Nevertheless, the Commission does not compile and otherwise does not have access to information on the revenue of NCE stations that would permit it to determine how many such stations would qualify as small entities. We also note, that in assessing whether a business entity qualifies as small under the above definition, business control affiliations must be included. The Commission's estimate therefore likely overstates the number of small entities that might be affected by its action, because the revenue figure on which it is based does not include or aggregate revenues from affiliated companies. In addition, to be determined a "small business," an entity may not be dominant in its field of operation. We further note, that it is difficult at times to assess these criteria in the context of media entities, and the estimate of small businesses to which these rules may apply does not exclude any radio station from the definition of a small business on these basis, thus our estimate of small businesses may therefore be over-inclusive. Also, as noted above, an additional element of the definition of "small business" is that the entity must be independently owned and operated. The Commission notes that it is difficult at times to assess these criteria in the context of media entities and the estimates of small businesses to which they apply may be over-inclusive to this extent.

24. *Cable Companies and Systems (Rate Regulation)*. The Commission has also developed its own small business size standards, 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. Industry data indicate that there are 4,600 active cable systems in the United States. Of this total, all but five cable operators nationwide are small under the 400,000-subscriber size standard. In addition, under the Commission's rate regulation rules, a "small system" is a cable system serving 15,000 or fewer subscribers. Commission records show 4,600 cable systems nationwide. Of this total, 3,900 cable systems have fewer than 15,000 subscribers, and 700 systems have 15,000 or more subscribers, based on the same records. Thus, under this standard as well, we estimate that most cable systems are small entities.

25. *Cable System Operators (Telecom Act Standard)*. The Communications Act of 1934, as amended, also contains a size standard for small cable system operators, 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." As of 2019, there were approximately 48,646,056 basic cable video subscribers in the United States. Accordingly, an operator serving fewer than 486,460 subscribers shall be deemed a small operator if its annual revenues, when combined with the total annual revenues of all its affiliates, do not exceed \$250 million in the aggregate. Based on available data, we find that all but five cable operators are small entities under this size standard. We note that the Commission neither requests nor collects information on whether cable system operators are affiliated with entities whose gross annual revenues exceed \$250 million. 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.

26. *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 SBA's economic census category "Wired Telecommunications Carriers." The Wired Telecommunications Carriers industry 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. Transmission facilities may be based on a single technology or combination of technologies. 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. By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry. The SBA determines that a wireline business is small if it has fewer than 1,500 employees. U.S. Census Bureau data for 2012 indicates that 3,117 wireline companies were operational during that year. Of that number, 3,083 operated with fewer than 1,000

employees. Based on that data, we conclude that the majority of wireline firms are small under the applicable SBA standard. Currently, however, only two entities provide DBS service, which requires a great deal of capital for operation: DIRECTV (owned by AT&T) and DISH Network. DIRECTV and DISH Network each report annual revenues that are in excess of the threshold for a small business. Accordingly, we must conclude that internally developed FCC data are persuasive that, in general, DBS service is provided only by large firms.

27. *All Other Telecommunications*. The "All Other Telecommunications" category is comprised of establishments primarily engaged in providing specialized telecommunications services, such as satellite tracking, communications telemetry, and radar station operation. 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. Establishments providing internet services or voice over internet protocol (VoIP) services via client-supplied telecommunications connections are also included in this industry. The SBA has developed a small business size standard for All Other Telecommunications, which consists of all such firms with annual receipts of \$35 million or less. For this category, U.S. Census Bureau data for 2012 shows that there were 1,442 firms that operated for the entire year. Of those firms, a total of 1,400 had annual receipts less than \$25 million and 15 firms had annual receipts of \$25 million to \$49,999,999. Thus, the Commission estimates that the majority of "All Other Telecommunications" firms potentially affected by our action can be considered small.

28. *RespOrgs*. Responsible Organizations, or RespOrgs, are entities chosen by toll free subscribers to manage and administer the appropriate records in the toll free Service Management System for the toll free subscriber. Although RespOrgs are often wireline carriers, they can also include non-carrier entities. Therefore, in the definition herein of RespOrgs, two categories are presented, *i.e.*, Carrier RespOrgs and Non-Carrier RespOrgs.

29. *Carrier RespOrgs*. Neither the Commission, the U.S. Census, nor the SBA have developed a definition for Carrier RespOrgs. Accordingly, the Commission believes that the closest NAICS code-based definitional categories for Carrier RespOrgs are

Wired Telecommunications Carriers, and Wireless Telecommunications Carriers (except satellite).

30. The U.S. Census Bureau defines *Wired Telecommunications Carriers* as “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 communications networks. Transmission facilities may be based on a single technology or a combination of technologies.

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. By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry.” The SBA has developed a small business size standard for Wired Telecommunications Carriers, which consists of all such companies having 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year. Of this total, 3,083 operated with fewer than 1,000 employees. Based on that data, we conclude that the majority of Carrier RespOrgs that operated with wireline-based technology are small.

31. The U.S. Census Bureau defines *Wireless Telecommunications Carriers (except satellite)* as establishments engaged in operating and maintaining switching and transmission facilities to provide communications via the airwaves, such as cellular services, paging services, wireless internet access, and wireless video services. The appropriate size standard under SBA rules is that such a business is small if it has 1,500 or fewer employees. Census data for 2012 show that 967 Wireless Telecommunications Carriers operated in that year. Of that number, 955 operated with less than 1,000 employees. Based on that data, we conclude that the majority of Carrier RespOrgs that operated with wireless-based technology are small.

32. *Non-Carrier RespOrgs*. Neither the Commission, the U.S. Census, nor the SBA have developed a definition of Non-Carrier RespOrgs. Accordingly, the Commission believes that the closest NAICS code-based definitional categories for Non-Carrier RespOrgs are “Other Services Related to Advertising” and “Other Management Consulting Services.”

33. The U.S. Census defines *Other Services Related to Advertising* as comprising establishments primarily engaged in providing advertising services (except advertising agency services, public relations agency services, media buying agency services, media representative services, display advertising services, direct mail advertising services, advertising material distribution services, and marketing consulting services). The SBA has established a size standard for this industry as annual receipts of \$16.5 million dollars or less. Census data for 2012 show that 5,804 firms operated in this industry for the entire year. Of that number, 5,612 operated with annual receipts of less than \$10 million. Based on that data we conclude that the majority of Non-Carrier RespOrgs who provide toll-free number (TFN)-related advertising services are small.

34. The U.S. Census defines *Other Management Consulting Services* as establishments primarily engaged in providing management consulting services (except administrative and general management consulting; human resources consulting; marketing consulting; or process, physical distribution, and logistics consulting). Establishments providing telecommunications or utilities management consulting services are included in this industry. The SBA has established a size standard for this industry of \$16.5 million dollars or less. Census data for 2012 show that 3,683 firms operated in this industry for that entire year. Of that number, 3,632 operated with less than \$10 million in annual receipts. Based on this data, we conclude that a majority of non-carrier RespOrgs who provide TFN-related management consulting services are small.

35. In addition to the data contained in the four (see above) U.S. Census NAICS code categories that provide definitions of what services and functions the Carrier and Non-Carrier RespOrgs provide, Somos, the trade association that monitors RespOrg activities, compiled data showing that as of July 1, 2016 there were 23 RespOrgs operational in Canada and 436 RespOrgs operational in the United States, for a total of 459 RespOrgs currently registered with Somos.

#### *E. Description of Projected Reporting, Recordkeeping and Other Compliance Requirements*

36. This Report and Order does not adopt any new reporting, recordkeeping, or other compliance requirements.

#### *F. Steps Taken To Minimize Significant Economic Impact on Small Entities and Significant Alternatives Considered*

37. The RFA requires an agency to describe any significant alternatives 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 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.

38. The methodology adopted by the Commission for using the population-based calculations for TV broadcasters was initially adopted because it is a fairer methodology for the smaller broadcasters. The Commission is using this methodology for this year, too. The changes for Puerto Rican broadcasters were adopted by the Commission in order to give relief for these broadcasters, some of which may be small entities, and the Commission is also using this methodology this year. Finally, the waiver process that we adopted previously and are continuing in 2021 was adopted to provide relief to entities that have suffered financial hardship in the COVID-19 pandemic, which includes small entities.

39. In addition, under the Commission’s *de minimis* rule, under section 9(e)(2) of the Act, a regulatee is exempt from paying regulatory fees if the sum total of all of its annual regulatory fee liabilities is \$1,000 or less for the fiscal year. The *de minimis* threshold applies only to filers of annual regulatory fees.

#### **V. Ordering Clauses**

40. Accordingly, *it is ordered* that, pursuant to the authority found in sections 4(i) and (j), 9, 9A, and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. 154(i), 154(j), 159, 159A, and 303(r), this Report and Order *is hereby adopted*.

41. *It is further ordered* that the FY 2021 section 9 regulatory fees assessment requirements and the rules set forth in this Report and Order *are adopted* as specified herein.

42. *It is further ordered* that this Report and Order *shall be effective* upon publication in the **Federal Register**.

43. *It is further ordered* that the Commission’s Consumer and Governmental Affairs Bureau, Reference

Information Center, shall send a copy of this Report and Order, including the Final Regulatory Flexibility Analysis in this document, to Congress and the Government Accountability Office pursuant to 5 U.S.C. 801(a)(1)(A).

**List of Subjects in 47 CFR Part 1**

Administrative practice and procedure, Broadband, Reporting and recordkeeping requirements, Telecommunications.

Federal Communications Commission.

**Marlene Dortch,**

Secretary.

**Final Rules**

For the reasons discussed in the preamble, the Federal Communications

Commission 47 CFR part 1 is amended as follows:

Part 1 of Title 47 of the Code of Federal Regulations is amended to read as follows:

**PART 1—PRACTICE AND PROCEDURE**

■ 1. The authority citation for part 1 continues to read as follows:

**Authority:** 47 U.S.C. chs. 2, 5, 9, 13; 28 U.S.C. 2461 note, unless otherwise noted.

■ 2. Section 1.1151 of the Commission’s rules is revised to read as follows:

**§ 1.1151 Authority to prescribe and collect regulatory fees.**

Authority to impose and collect regulatory fees is contained in section 9 of the Communications Act, as amended by sections 101–103 of title I of the Consolidated Appropriations Act of 2018 (Pub. L. 115–141, 132 Stat. 1084), 47 U.S.C. 159, which directs the Commission to prescribe and collect annual regulatory fees to recover the cost of carrying out the functions of the Commission.

■ 3. Section 1.1152 is revised to read as follows:

**§ 1.1152 Schedule of annual regulatory fees for wireless radio services.**

TABLE 1 TO § 1.1152

Exclusive use services (per license)	Fee amount
1. Land Mobile (Above 470 MHz and 220 MHz Local, Base Station & SMRS) (47 CFR part 90):	
(a) New, Renew/Mod (FCC 601 & 159) .....	\$25.00
(b) New, Renew/Mod (Electronic Filing) (FCC 601 & 159) .....	25.00
(c) Renewal Only (FCC 601 & 159) .....	25.00
(d) Renewal Only (Electronic Filing) (FCC 601 & 159) .....	25.00
220 MHz Nationwide:	
(a) New, Renew/Mod (FCC 601 & 159) .....	25.00
(b) New, Renew/Mod (Electronic Filing) (FCC 601 & 159) .....	25.00
(c) Renewal Only (FCC 601 & 159) .....	25.00
(d) Renewal Only (Electronic Filing) (FCC 601 & 159) .....	25.00
2. Microwave (47 CFR part 101) (Private):	
(a) New, Renew/Mod (FCC 601 & 159) .....	25.00
(b) New, Renew/Mod (Electronic Filing) (FCC 601 & 159) .....	25.00
(c) Renewal Only (FCC 601 & 159) .....	25.00
(d) Renewal Only (Electronic Filing) (FCC 601 & 159) .....	25.00
3. Shared Use Services:	
Land Mobile (Frequencies Below 470 MHz—except 220 MHz):	
(a) New, Renew/Mod (FCC 601 & 159) .....	10.00
(b) New, Renew/Mod (Electronic Filing) (FCC 601 & 159) .....	10.00
(c) Renewal Only (FCC 601 & 159) .....	10.00
(d) Renewal Only (Electronic Filing) (FCC 601 & 159) .....	10.00
Rural Radio (47 CFR part 22):	
(a) New, Additional Facility, Major Renew/Mod (Electronic Filing) (FCC 601 & 159) .....	10.00
(b) Renewal, Minor Renew/Mod (Electronic Filing) .....	10.00
Marine Coast:	
(a) New Renewal/Mod (FCC 601 & 159) .....	40.00
(b) New, Renewal/Mod (Electronic Filing) (FCC 601 & 159) .....	40.00
(c) Renewal Only (FCC 601 & 159) .....	40.00
(d) Renewal Only (Electronic Filing) (FCC 601 & 159) .....	40.00
Aviation Ground:	
(a) New, Renewal/Mod (FCC 601 & 159) .....	20.00
(b) New, Renewal/Mod (Electronic Filing) (FCC 601 & 159) .....	20.00
(c) Renewal Only (FCC 601 & 159) .....	20.00
(d) Renewal Only (Electronic Only) (FCC 601 & 159) .....	20.00
Marine Ship:	
(a) New, Renewal/Mod (FCC 605 & 159) .....	15.00
(b) New, Renewal/Mod (Electronic Filing) (FCC 605 & 159) .....	15.00
(c) Renewal Only (FCC 605 & 159) .....	15.00
(d) Renewal Only (Electronic Filing) (FCC 605 & 159) .....	15.00
Aviation Aircraft:	
(a) New, Renewal/Mod (FCC 605 & 159) .....	10.00
(b) New, Renew/Mod (Electronic Filing) (FCC 605 & 159) .....	10.00
(c) Renewal Only (FCC 605 & 159) .....	10.00
(d) Renewal Only (Electronic Filing) (FCC 605 & 159) .....	10.00
4. CMRS Cellular/Mobile Services (per unit) (FCC 159) .....	1.15
5. CMRS Messaging Services (per unit) (FCC 159) .....	2.08
6. Broadband Radio Service (formerly MMDS and MDS) .....	605
7. Local Multipoint Distribution Service .....	605

<sup>1</sup> These are standard fees that are to be paid in accordance with § 1.1157(b) of this chapter.

<sup>2</sup>These are standard fees that are to be paid in accordance with § 1.1157(b) of this chapter.

■ 4. Section 1.1153 is revised to read as follows:

**§ 1.1153 Schedule of annual regulatory fees and filing locations for mass media services.**

TABLE 1 TO § 1.1153

Radio [AM and FM] (47 CFR part 73)	Fee amount
1. AM Class A:	
≤25,000 population .....	\$975
25,001–75,000 population .....	1,465
75,001–150,000 population .....	2,195
150,001–500,000 population .....	3,295
500,001–1,200,000 population .....	4,935
1,200,001–3,000,000 population .....	7,410
3,000,001–6,000,000 population .....	11,105
>6,000,000 population .....	16,665
2. AM Class B:	
≤25,000 population .....	700
25,001–75,000 population .....	1,050
75,001–150,000 population .....	1,575
150,001–500,000 population .....	2,365
500,001–1,200,000 population .....	3,540
1,200,001–3,000,000 population .....	5,320
3,000,001–6,000,000 population .....	7,975
>6,000,000 population .....	11,965
3. AM Class C:	
≤25,000 population .....	610
25,001–75,000 population .....	915
75,001–150,000 population .....	1,375
150,001–500,000 population .....	2,060
500,001–1,200,000 population .....	3,085
1,200,001–3,000,000 population .....	4,635
3,000,001–6,000,000 population .....	6,950
>6,000,000 population .....	10,425
4. AM Class D:	
≤25,000 population .....	670
25,001–75,000 population .....	1,000
75,001–150,000 population .....	1,510
150,001–500,000 population .....	2,265
500,001–1,200,000 population .....	3,390
1,200,001–3,000,000 population .....	5,090
3,000,001–6,000,000 population .....	7,630
>6,000,000 population .....	11,450
5. AM Construction Permit .....	610
6. FM Classes A, B1 and C3:	
≤25,000 population .....	1,070
25,001–75,000 population .....	1,605
75,001–150,000 population .....	2,410
150,001–500,000 population .....	3,615
500,001–1,200,000 population .....	5,415
1,200,001–3,000,000 population .....	8,130
3,000,001–6,000,000 population .....	12,185
>6,000,000 population .....	18,285
7. FM Classes B, C, C0, C1 and C2:	
≤25,000 population .....	1,220
25,001–75,000 population .....	1,830
75,001–150,000 population .....	2,745
150,001–500,000 population .....	4,125
500,001–1,200,000 population .....	6,175
1,200,001–3,000,000 population .....	9,270
3,000,001–6,000,000 population .....	13,895
>6,000,000 population .....	20,850
8. FM Construction Permits .....	1,070
TV (47 CFR part 73)	
Digital TV (UHF and VHF Commercial Stations):	
1. Digital TV Construction Permits .....	5,100
2. Television Fee Factor .....	*.007793
Low Power TV, Class A TV, FM Translator, & TV/FM Booster (47 CFR part 74) .....	320

\* Per population count.

■ 5. Section 1.1154 is revised to read as follows:

**§ 1.1154 Schedule of annual regulatory charges for common carrier services.**

TABLE 1 TO § 1.1154

Radio facilities	Fee amount
1. Microwave (Domestic Public Fixed) (Electronic Filing) (FCC Form 601 & 159) .....	\$25.00
Carriers:	
1. Interstate Telephone Service Providers (per interstate and international end-user revenues (see FCC Form 499-A) .....	.00400
2. Toll Free Number Fee .....	*.12

\* Per Toll Free Number.

■ 6. Section 1.1155 is revised to read as follows:

**§ 1.1155 Schedule of regulatory fees for cable television services.**

TABLE 1 TO § 1.1155

	Fee amount
1. Cable Television Relay Service .....	\$1,555
2. Cable TV System, Including IPTV (per subscriber), and DBS (per subscriber) .....	.98

■ 7. Section 1.1156 is revised to read as follows:

**§ 1.1156 Schedule of regulatory fees for international services.**

*stations.* The following schedule applies for the listed services:

(a) *Geostationary orbit (GSO) and non-geostationary orbit (NGSO) space*

TABLE 1 TO PARAGRAPH (a)

Fee category	Fee amount
Space Stations (Geostationary Orbit) .....	\$116,855
Space Stations (Non-Geostationary Orbit)—Other .....	343,555
Space Stations (Non-Geostationary Orbit)—Less Complex .....	122,695
Earth Stations: Transmit/Receive & Transmit only (per authorization or registration) .....	595

(b) *International terrestrial and satellite Bearer Circuits.* (1) Regulatory fees for International Bearer Circuits are to be paid by facilities-based common carriers that have active (used or leased) international bearer circuits as of December 31 of the prior year in any terrestrial or satellite transmission facility for the provision of service to an end user or resale carrier, which

includes active circuits to themselves or to their affiliates. In addition, non-common carrier terrestrial and satellite operators must pay a fee for each active circuit sold or leased to any customer, including themselves or their affiliates, other than an international common carrier authorized by the Commission to provide U.S. international common carrier services. “Active circuits” for

purposes of this paragraph (b) include backup and redundant circuits. In addition, whether circuits are used specifically for voice or data is not relevant in determining that they are active circuits.

(2) The fee amount, per active Gbps circuit will be determined for each fiscal year.

TABLE 2 TO PARAGRAPH (b)(2)

International terrestrial and satellite (capacity as of December 31, 2020)	Fee amount
Terrestrial Common Carrier and Non-Common Carrier; Satellite Common Carrier and Non-Common Carrier .....	\$43*

\* Per Gbps circuit.

(c) *Submarine cable.* Regulatory fees for submarine cable systems will be

paid annually, per cable landing license, for all submarine cable systems

operating based on their lit capacity as of December 31 of the prior year. The fee amount will be determined by the Commission for each fiscal year.

TABLE 3 TO PARAGRAPH (c)—FY 2021 INTERNATIONAL BEARER CIRCUITS—SUBMARINE CABLE SYSTEMS

Submarine cable systems (lit capacity as of December 31, 2020)	Fee ratio (units)	FY 2020 regulatory fees
Less than 50 Gbps .....	.0625	\$9,495
50 Gbps or greater, but less than 250 Gbps .....	.125	18,990
250 Gbps or greater, but less than 1,500 Gbps .....	.25	37,980
1,500 Gbps or greater, but less than 3,500 Gbps .....	.5	75,955
3,500 Gbps or greater, but less than 6,500 Gbps .....	1.0	151,910
6,500 Gbps or greater .....	2.0	303,820

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