

## FEDERAL COMMUNICATIONS COMMISSION

### 47 CFR Part 1

[MD Docket Nos. 21–190; MD Docket Nos. 22–223; FCC 22–39; FR ID 91674]

### Assessment and Collection of Regulatory Fees for Fiscal Year 2022

**AGENCY:** Federal Communications Commission.

**ACTION:** Proposed rule.

**SUMMARY:** In this document, the Federal Communications Commission (Commission) seeks comment on revising the fee schedule of FY 2022 regulatory fees to collect \$381,950,000 in regulatory fees by fiscal year end. Regulatory fee collections offset one hundred percent of the Commission's budget.

**DATES:** Submit comments on or before July 5, 2022; and reply comments on or before July 18, 2022.

**ADDRESSES:** Pursuant to §§ 1.415 and 1.419 of the Commission's rules, 47 CFR 1.415, 1.419, interested parties may file comments and reply comments identified by MD Docket No. 22–223, by any of the following methods below. Comments and reply comments may be filed using the Commission's Electronic Comment Filing System (ECFS). See *Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

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

2. Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID–19. In the event that the Commission announces the lifting of COVID–19 restrictions, a filing window will be opened at the Commission's office located at 9050 Junction Drive, Annapolis, MD 20701.

3. Pursuant to § 1.49 of the Commission's rules, 47 CFR 1.49, parties to this proceeding must file any documents in this proceeding using the Commission's Electronic Comment

Filing System (ECFS): <http://apps.fcc.gov/ecfs/>.

4. *Materials in Accessible Formats.* To request materials in accessible formats for people with disabilities (Braille, large print, electronic files, audio format), send an email to [fcc504@fcc.gov](mailto:fcc504@fcc.gov) or call the Consumer and Governmental Affairs Bureau at 202–418–0530 (voice).

5. *Availability of Documents.* Comments, reply comments, and *ex parte* submissions will be available via ECFS. Documents will be available electronically in ASCII, Microsoft Word, and/or Adobe Acrobat. When the FCC Headquarters reopens to the public, these documents will also be available for public inspection during regular business hours in the FCC Reference Center, Federal Communications Commission, 45 L Street NE, Washington, DC 20554.

For detailed instructions for submitting comments and additional information on the rulemaking process, see the **SUPPLEMENTARY INFORMATION** section of this document.

**FOR FURTHER INFORMATION CONTACT:** Roland Helvajian, Office of Managing Director at (202) 418–0444.

**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission's *Notice of Proposed Rulemaking* (NPRM), FCC 22–39, MD Docket No. 21–190, and MD Docket No. 22–223, adopted on June 1, 2022 and released on June 2, 2022. The full text of this document is available for inspection and copying during normal business hours in the FCC Reference Center, 445 12th Street SW, Room CY–A257, Portals II, Washington, DC 20554, and may also be purchased from the Commission's copy contractor, BCPI, Inc., Portals II, 445 12th Street SW, Room CY–B402, Washington, DC 20554. Customers may contact BCPI, Inc. via their website, <http://www.bcpi.com>, or call 1–800–378–3160. This document is available in alternative formats (computer diskette, large print, audio record, and braille). Persons with disabilities who need documents in these formats may contact the FCC by email: [FCC504@fcc.gov](mailto:FCC504@fcc.gov) or phone: 202–418–0530 or TTY: 202–418–0432.

#### I. Procedural Matters

6. *Ex Parte Information.* The proceeding initiated by this NPRM, in which we seek comment on proposals as described above, shall be treated as a “permit-but-disclose” proceeding in accordance with the Commission's *ex parte* rules. Persons making *ex parte* presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the

presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral *ex parte* presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the *ex parte* presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's written comments, memoranda, or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during *ex parte* meetings are deemed to be written *ex parte* presentations and must be filed consistent with § 1.1206(b) of the Commission's rules. In proceedings governed by § 1.49(f) of the Commission's rules or for which the Commission has made available a method of electronic filing, written *ex parte* presentations and memoranda summarizing oral *ex parte* presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that proceeding, and must be filed in their native format (e.g., .doc, .xml, .ppt, searchable .pdf). Participants in this proceeding should familiarize themselves with the Commission's *ex parte* rules.

7. *Initial Regulatory Flexibility Analysis.* An initial regulatory flexibility analysis (IRFA) is contained in this summary. Comments to the IRFA must be identified as responses to the IRFA and filed by the deadlines for comments on the NPRM. The Commission will send a copy of the NPRM, including the IRFA, to the Chief Counsel for Advocacy of the Small Business Administration.

8. *Initial 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).

## I. Introduction

9. For fiscal year (FY) 2022, the Commission is required to collect \$381,950,000 in regulatory fees for FY 2022, pursuant to sections 9 and 9A of the Communications Act of 1934, as amended (Communications Act), and the Commission's FY 2022 Appropriations Act. In this *NPRM*, we seek comment on associated changes to the non-geostationary orbit (NGSO) space stations regulatory fee rates. We also seek comment on the Commission's proposed regulatory fees for FY 2022 as set forth in Tables 2 and 3 in addition to other issues including: continuing to use our methodology for calculating television broadcaster regulatory fees based on population; calculating the costs of collection of regulatory fees in establishing the annual de minimis threshold; and how our proposals may promote or inhibit advances in diversity, equity, inclusion, and accessibility.

## II. Background

10. Congress requires the Commission to assess and collect regulatory fees each year in an amount that can reasonably be expected to equal the amount of its annual salaries and expenses (S&E) appropriation. Regulatory fees cover direct costs, such as salaries and expenses; indirect costs, such as overhead functions; statutorily required tasks that do not directly equate with oversight and regulation of a particular regulatee but instead benefit the Commission and the industry as a whole; and support costs such as rent, utilities, and equipment. Regulatory fees also cover the costs incurred in oversight and regulation of entities that are statutorily exempt from paying regulatory fees (*i.e.*, governmental and nonprofit entities, amateur radio operators, and noncommercial radio and television stations), entities that are exempt from payment of FY 2022 regulatory fees because their total assessed annual regulatory fees fall below the annual de minimis threshold, and entities whose regulatory fees are waived. Pursuant to section 9(d) of the Communications Act, the Commission's methodology for assessing regulatory fees must "reflect the full-time equivalent number of employees within the bureaus and offices of the Commission, adjusted to take into account factors that are reasonably related to the benefits provided to the payor of the fee by the Commission's activities." For FY 2022, the Commission must recover \$381,950,000, as set forth in the FY 2022 Consolidated Appropriations Act.

11. Each year, early in the fiscal year, the Commission receives full time equivalent (FTE) data from its Human Resources Office, and identifies FTE data at the core bureau level (*i.e.*, direct FTEs), which is then used to determine the FTE allocations for the four core bureaus. This FTE data is then filtered down to the various fee categories within each core bureau based on the fee category percentages for each bureau. After the number of direct FTEs is determined within each core bureau of the Commission, a percentage of the total amount to be collected in regulatory fees for a given fiscal year is calculated for each core bureau based on the number of direct FTEs within a core bureau. The total of the percentages for each core bureau must equal 100% of the amount to be collected. The total percentage for a core bureau is then used to calculate the percentages for the various regulatory fee categories within each core bureau, as provided by the Commission's bureaus. Thus, the regulatory fee categories within each core bureau make up a percentage of a core bureau's total percentage to be collected in regulatory fees.

12. These percentages, either at the regulatory fee category level within a core bureau or summed up to the core bureau level, represent the dollar amount of regulatory fees to be collected by multiplying each fee category percentage by the target goal to be collected. For example, the Wireline Competition Bureau, a core bureau, has direct FTEs that constitute 33.74% of all regulatory fees to be collected. The Wireline Competition Bureau also has two fee categories from which 33.74% of the fees are to be collected: (1) the Interstate Telecommunications Service Provider Fee (ITSP) fee category constitutes 32.62%, and (2) the Toll Free Number fee category constitutes 1.12% for a total sum of 33.74%. The percentage for each fee category represents the amount to collect in regulatory fees for that fee category—for example, for the ITSP fee category, 32.62% amounts to \$124.59 million from an FY 2022 target goal of \$381,950,000. This dollar amount (\$124.59 million) divided by the estimated units for the ITSP fee category determines the fee rate, which is then rounded to the nearest \$5, where applicable. Indirect FTEs are then allocated proportionally based on the allocation percentage of direct FTEs of each core bureaus.

13. The indirect FTEs are the FTEs in the Enforcement Bureau, Consumer and Governmental Affairs Bureau, Public Safety and Homeland Security Bureau, Chairwoman's and Commissioners'

offices, Office of the Managing Director, Office of General Counsel, Office of the Inspector General, Office of Communications Business Opportunities, Office of Engineering and Technology, Office of Legislative Affairs, Office of Workplace Diversity, Office of Media Relations, Office of Economics and Analytics, and Office of Administrative Law Judges, along with some FTEs in the Wireline Competition Bureau and the International Bureau that the Commission has previously classified as indirect for regulatory fee purposes. Unlike the work of direct FTEs, the work of FTEs designated as indirect benefits the Commission and the industry as a whole and is not specifically focused on the regulatees and licensees of a core bureau. The high percentage of indirect FTEs is indicative of the fact that many Commission activities and costs are not limited to a particular fee category and instead benefit the Commission and its work as a whole.

14. In section 9 of the Communications Act, Congress prescribed a method of collecting an amount equal to the full S&E appropriation by keying the regulatory fee assessment to FTE burden. As a result, the fee assigned to each regulatory fee category relates to the FTE burden associated with their oversight and regulation by the relevant core bureaus. Because the total amount the Commission must collect in an offsetting collection generally changes each fiscal year, payors' regulatory fees will also typically change each fiscal year as a mathematical consequence of the changes in the total amount to be collected, the number of Commission FTEs, and projected unit estimates for each fee category. Beyond those changed collection requirements, consideration of changes, additions, or deletions to the regulatory fee schedule is focused on the Commission's direct FTE cost burden related to the regulatory fee category at issue within each core bureau.

15. *Adjustments and Amendments to Regulatory Fee Schedule.* Each year, the Commission is required to adjust the schedule of regulatory fees to "(A) reflect unexpected increases or decreases in the number of units subject to the payment of such fees; and (B) result in the collection of the amount required" by the Commission's annual appropriation. Each year the Commission issues a Notice of Proposed Rulemaking to seek comment on its methodology for assessing regulatory fees and the proposed regulatory fees for the fiscal year.

### III. Notice of Proposed Rulemaking

16. In this annual regulatory fee NPRM, we seek comment on our methodology for assessing regulatory fees and on the schedule of FY 2022 regulatory fees as set forth in Tables 2 and 3. We also seek comment on associated changes to the NGSO space station regulatory fee rates in addition to several other issues such as continuing to use our methodology for calculating television broadcaster regulatory fees based on population; calculating the costs of collection of regulatory fees in establishing the annual de minimis threshold; and how our proposals may promote or inhibit advances in diversity, equity, inclusion, and accessibility.

#### A. Assessment of Regulatory Fees

17. *Methodology for Assessing Regulatory Fees.* Congress has required us to collect \$381,950,000 in regulatory fees for FY 2022. In doing so, section 9 of the Communications Act requires us to set regulatory fees to “reflect the full-time equivalent number of employees within the bureaus and offices of the Commission adjusted to take into account factors that are reasonably related to the benefits provided to the payor of the fee by the Commission’s activities.” We implement this directive by first looking to the core bureaus within the Commission in order to identify the number of direct non-auction FTEs from each core bureau and then categorize the remaining non-auction FTEs and other Commission costs as indirect. Once the direct FTEs are identified, we then allocate fees to specific fee categories within each core bureau. These proportional calculations allocate all Commission non-auction related costs across all fee categories. We find that our methodology is consistent with section 9 of the Communications Act which requires us to base our methodology on the number of FTEs in calculating regulatory fees. We seek comment on this methodology and on the schedule of FY 2022 regulatory fees as set forth in Tables 2 and 3. Any proposals or comments requesting a change or modification to our proposed FY 2022 regulatory fees should include a thorough analysis showing a sufficient basis for making the change and provide alternative options for the Commission to meet its statutory obligation to collect the full amount of the appropriation by the end of the fiscal year. Commenters should also indicate how such alternative options are fair, administrable, and sustainable.

18. *Allocating FTEs.* Consistent with past practices, we propose to base the allocation of fee categories for FY 2022 on the Commission’s calculation of FTEs in each regulatory fee category. Each year, early in the fiscal year, the Commission receives FTE data from the Commission’s Human Resources Office, and identifies FTE data at the core bureau level (direct FTEs). This FTE data is then filtered down to the various fee categories within each core bureau. The total FTEs for each fee category include the direct FTEs associated with that category plus a proportional allocation of indirect FTEs. Applying the requirements of section 9 of the Communications Act to calculate regulatory fees, we propose to allocate the total collection target across all regulatory fee categories. Each regulatee within a fee category then pays its proportionate share based on an objective measure. To calculate fees for each licensee, we identify “units” used to calculate the fees. For example, broadcast licensees’ fees will vary by population served and commercial mobile radio service (CMRS) wireless licensees will pay fees based on their number of subscribers. These calculations are illustrated in Table 2. The sources for the unit estimates that are used in these calculations are listed in Table 4.

19. In sum, there are 329 direct FTEs for FY 2022, distributed among the core bureaus as follows: International Bureau (28), Wireless Telecommunications Bureau (70), Wireline Competition Bureau (111), and the Media Bureau (120). This results in 8.51% of the FTE allocation for International Bureau regulatees; 21.28% of the FTE allocation for Wireless Telecommunications Bureau regulatees; 33.74% of the FTE allocation for Wireline Competition Bureau regulatees; and 36.47% of FTE allocation for Media Bureau regulatees. There are in turn 943 indirect FTEs spread across the Commission: Enforcement Bureau (187), Consumer and Governmental Affairs Bureau (111), Public Safety and Homeland Security Bureau (98), part of the International Bureau (52), part of the Wireline Competition Bureau (38), Chairman and Commissioners’ offices (22), Office of the Managing Director (136), Office of General Counsel (70), Office of the Inspector General (47), Office of Communications Business Opportunities (10), Office of Engineering and Technology (66), Office of Legislative Affairs (8), Office of Workforce Diversity (4), Office of Media Relations (12), Office of Economics and Analytics (78), and Office of

Administrative Law Judges (4). Allocating these indirect FTEs based on the direct FTE allocations yields an additional 80.26 FTEs attributable to International Bureau regulatees, 200.64 FTEs attributable to Wireless Telecommunications Bureau regulatees, 318.16 FTEs attributable to Wireline Competition Bureau regulatees, and 343.95 FTEs attributable to Media Bureau regulatees.

20. Based on these allocations and the requirement to collect \$381,950,000 in regulatory fees this year, we project collecting approximately \$32.51 million (8.51%) in fees from International Bureau regulatees; \$81.27 million (21.28%) in fees from Wireless Telecommunications Bureau regulatees; \$128.86 million (33.74%) from Wireline Competition Bureau regulatees; and \$139.31 million (36.47%) from Media Bureau regulatees. We set specific regulatory fees in Table 3 so that regulatees within a fee category pay their proportionate share based on an objective measure (e.g., revenues or number of subscribers). The proposed fees are based on the established methodology, applied to the allocated direct FTEs and based on the Commission’s appropriation amount of \$381,950,000. We seek comment on our methodology. Commenters proposing adjustments to our methodology should explain the basis for their proposals.

#### 1. Regulatory Fee Rates for Space Stations

21. We seek comment on the proposed regulatory fees for space stations as provided in Table 2. In 2021, the Commission adopted new NGSO space stations regulatory fee subcategories: “less complex” and “other,” both under the broader category of “Space Stations (Non-Geostationary Orbit).” In the *FY 2021 Report and Order*, 86 FR 52742 (Sept. 22, 2021), the Commission subsequently adopted the proposal from the *FY 2021 NPRM*, 86 FR 52429 (Sept. 21, 2021), to allocate 20% of NGSO space station regulatory fees to “less complex” NGSO space stations and 80% of NGSO regulatory fees to “other” NGSO space stations. As discussed above, in this proceeding, we determine a fee methodology for small satellites, and integrate the small satellite fee category into the NGSO space stations fee category. Accordingly, in Table 2, we have included the proposed fees for NGSO space stations calculated by assessing the fees that small satellites will pay in FY 2022, reducing that amount from the overall NGSO space stations fee category, and allocating the remaining NGSO space station fees 20/

80 using the two new fee subcategories: “less complex” NGSO space stations and all other NGSO space stations identified as “other” NGSO space stations.”

22. Below is a table illustrating the proposed NGSO fee rates for FY 2022. These proposed regulatory fees are also listed in Tables 2 and 3. We seek comment on these proposed regulatory

fees. Commenters proposing alternative should explain the basis for their proposals.

Proposed NGSO—small satellite fee (per license)	Proposed NGSO—other space station fee (per system)	Proposed NGSO—less complex space station fee (per system)
\$12,145 .....	\$338,020	\$140,840

23. *Spacecraft Performing On-Orbit Servicing and Rendezvous and Proximity Operations.* Two commenters propose the creation of additional fee categories, citing similarities between the characteristics of small satellites and those other satellite services commenters contend should have a separate fee. Spaceflight proposes that the Commission create a separate fee category for spacecraft performing on-orbit services (OOS), which would include deployment, rendezvous and proximity services. Spaceflight posits that OOS spacecraft share characteristics of small satellites and “less complex” NGSO systems thereby justifying the creation of a new and lower fee category. Spaceflight also distinguishes between OOS spacecraft and traditional NGSO satellites in that OOS spacecraft have limited duration and scope of use as well as a limited number of earth stations; require a smaller investment in OOS technology; require less ongoing regulation owing to the shorter duration of OOS spacecraft; will likely be licensed on a shared use basis. Spaceflight also notes that OOS spacecraft are licensed on a non-interference basis without the need for processing round procedures or post-processing round disputes over matters such as interference protection and spectrum priority. In addition, Astroscale proposes that the Commission create a new fee category for rendezvous and proximity operations (RPO). Astroscale submits that a Commission proceeding to create service rules and a corresponding fee category for RPO services would provide much needed permanency and clarity to support this nascent infrastructure. In allocating this fee, Astroscale argues that the Commission should consider the similarities that RPO services share with small satellites, such as one-way data communication, and with “less complex” NGSO systems, such as the less-intensive use of ground stations.

24. At this time, we tentatively conclude that it would be premature to adopt new fee categories for OOS and

RPO operations. To date, there have been a limited number of such operations and these have been treated on a case-by-case basis. Except for GSO servicing missions, we expect that most OOS and RPO operations will be NGSO, but we tentatively conclude that it is too early to identify exactly where operations such as those in low-Earth orbit (LEO) might fit into the regulatory fee structure in the future. Thus, at this time, we do not have a record sufficient to propose to establish a fee category(ies) and appropriate methodology for assessing such a fee category(ies). We propose that, until we gain more experience in regulating such systems, we continue to regulate these systems as we have and consider OOS and RPO spacecraft licensing on a mission-by-mission basis. We seek comment on these tentative conclusions. Commenters that nonetheless favor a new fee category or categories should fully explain the basis for their positions, including how the Commission might identify exactly where these operations might fit into the regulatory fee structure.

25. However, although we do not adopt a new regulatory and corresponding fee category for OOS and RPO spacecraft at this time, we further seek comment on whether and how to assess fees for these types of spacecraft, and other types of satellites servicing other satellites, which operate near to the GSO arc. Specifically, we seek comment on whether a satellite servicing other satellites that operates above the GSO arc should be treated as a GSO space station for regulatory fee purposes. We also seek comment on what factors should be considered in determining whether the servicing spacecraft should be assessed regulatory fees separately. For example, what percentage of time are the satellites co-located with a GSO satellite?

*B. Full-Service Television Broadcaster Fees*

26. In the *FY 2020 Report and Order*, 85 FR 59864 (Sept. 23, 2020), we completed the transition to a

population-based full-service broadcast television regulatory fee. We do not reopen that decision relating to these regulatory fees being based on population at this time. For FY 2022, we propose to continue to assess fees for full-power broadcast television stations based on the population covered by a full-service broadcast television station’s contour and seek comment on our mechanism, described below, for how we will calculate the regulatory fee based on the previously decided population-based methodology. As described in Table 7, we propose adopting a factor of .88 of one cent (\$.008803) per person served for FY 2022 full-service broadcast television station fees. The population data for broadcasters’ service areas are extracted from the TVStudy database, based on a station’s projected noise-limited service contour. The population data for each licensee and the population-based fee (population multiplied by \$.008803 for each full-service broadcast television station), including each satellite station is listed in Table 7. We seek comment on these proposed fees. Any commenters suggesting different ways to measure population-based fees for full-service television broadcasters should indicate the proposed fees and the underlying calculation and basis for the fees.

*C. De Minimis Threshold*

27. We seek comment on how to calculate the costs of collection of regulatory fees in establishing the annual de minimis threshold of \$1,000. Section 9(e)(2) of the Communications Act permits the Commission to exempt a party from paying regulatory fees if “in the judgment of the Commission, the cost of collecting a regulatory fee established under this section from a party would exceed the amount collected from such party. . . .” NAB proposes that we increase the de minimis threshold, above \$1,000, in order to assist small broadcasters. We remind commenters that the text of section 9(e)(2) of the Communications Act does not include language

suggesting that such considerations be used in determining the cost of collecting a regulatory fee for purposes of setting the de minimis threshold.

28. In the *FY 2019 Report and Order*, 84 FR 50890 (Sept. 26, 2019), the Commission concluded that section 9(e)(2) of the Communications Act codifies our authority to adopt a de minimis exemption. At that time, the Commission analyzed the average cost of collecting delinquent debt and estimated that the Commission's cost of collecting the debt would exceed \$1,000. The Commission determined that its administrative debt collection process involves many steps, including data compilation, preparation and validation; invoicing; debt transfer for third party collection; responding to debtor questions and disputes; and processing payments. Accordingly, the Commission retained the de minimis threshold for annual regulatory fee payors at \$1,000.

29. We seek comment on NAB's proposal to increase the de minimis threshold. Commenters should discuss how we should calculate the costs of collection of regulatory fees and whether the cost of collecting a regulatory fee begins after the regulatory fees are due and once delinquencies occur. Alternatively, should the cost of collection begin when the Commission collects data on a payor's regulatory fee status, generally prior to the regulatory fee due date? Commenters advocating a higher annual de minimis threshold should discuss which steps in the debt collection process should be included in "the cost of collecting a regulatory fee." For example, should the Commission also consider the costs associated with reviewing and resolving waiver requests and installment payment requests? Commenters suggesting an increase should indicate what the threshold should be increased to and the factual and statutory basis for such an increase. Commenters should also explain if the proposed definition of costs of collection is consistent with other uses of the term in the U.S. Code with respect to collection of federal fees.

#### *D. Indirect Full Time Equivalents*

30. As discussed above, the Commission has previously reclassified certain direct FTEs as indirect for regulatory purposes due to the nature of their work assignments. We seek comment on whether such reclassifications, on balance, produce a more accurate regulatory fee assessment. If reclassification is appropriate in certain circumstances, should we consider different calculation methods when reclassified FTEs work on issues

that clearly do not benefit certain classes of licensees? If so, how should we adjust our calculation method? In addition, how frequently should the Commission revisit such reclassifications to ensure that the FTEs accurately reflect the work of the relevant Bureau? Are the current reclassifications still appropriate? To what extent does reclassification undermine the Commission's rationale for retaining its current direct/indirect methodology?

#### *E. New Regulatory Fee Categories*

31. In the *FY 2021 NPRM*, we sought comment on "whether we should adopt new regulatory fee categories and on ways to improve our regulatory fee process regarding any and all categories of service." We invite additional comment in order to help inform our consideration of these issues.

#### *F. Digital Equity and Inclusion*

32. Finally, the Commission, as part of its continuing effort to advance digital equity for all, including people of color, persons with disabilities, persons who live in rural or tribal areas, and others who are or have been historically underserved, marginalized, or adversely affected by persistent poverty or inequality, invites comment on any equity-related considerations and benefits (if any) that may be associated with the proposals and issues discussed herein. Specifically, we seek comment on how our proposals may promote or inhibit advances in diversity, equity, inclusion, and accessibility, as well the scope of the Commission's relevant legal authority. We note that diversity and equity considerations, however, do not allow the Commission to shift fees from one party of fee payors to another nor to raise fees for any purpose other than as an offsetting collection in the amount of our annual S&E appropriation.

#### **IV. Procedural Matters**

33. Included below are procedural items as well as our current payment and collection methods. We include these payments and collection procedures here as a useful way of reminding regulatory fee payers and the public about these aspects of the annual regulatory fee collection process.

34. *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, Automates Clearing House (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 2022 regulatory fee collection in Fact Sheets, <https://www.fcc.gov/regfees>.

35. *Payment Methods*. 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 <https://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, an FCC 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 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://transition.fcc.gov/fees/wiretran.html>.

36. *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, 2021 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, 2021.

- *Wireline (Common Carrier) Services*: Regulatory fees must be paid

for authorizations that were granted on or before October 1, 2021. In instances where a permit or license is transferred or assigned after October 1, 2021, 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 § 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, 2021.

- *Wireless Services: Commercial Mobile Radio Service (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, 2021. The number of subscribers, units, or telephone numbers on December 31, 2021 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, 2021, 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 seven 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 five-year or 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 2022.

- *Multichannel Video Programming Distributor (MVPD) Services (cable television operators, Cable Television Relay Service (CARS) licensees, direct broadcast satellite (DBS), and internet Protocol TV (IPTV)):* Regulatory fees must be paid for the number of basic cable television subscribers as of December 31, 2021. Regulatory fees also must be paid for CARS licenses that were granted on or before October 1, 2021. In instances where a permit or license is transferred or assigned after October 1, 2021, 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, 2021. In instances where a permit or license is transferred or assigned after October 1, 2021, responsibility for payment rests with the holder of the permit or license as of the fee due date.

- *International Services:* Regulatory fees must be paid for earth stations that were licensed (or authorized) on or before October 1, 2021. Regulatory fees must also be paid for Geostationary orbit space stations (GSO) and non-geostationary orbit satellite systems (NGSO), and the two NGSO subcategories "Other" and "Less Complex," that were licensed and operational on or before October 1, 2021. Licensees of small satellites that were licensed and operational on or before October 1, 2021 must also pay regulatory fees. In instances where a permit or license is transferred or assigned after October 1, 2021, 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, 2021. Regulatory fees for terrestrial and satellite IBCs are to be paid based on active (used or leased) international bearer circuits as of December 31, 2021, 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, 2021. 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, 2021, responsibility for payment rests with the holder of the permit or license as of the fee due date.

37. *CMRS and Mobile Services Assessments.* The Commission will compile 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 Table 2 and the CMRS regulatory fee

factor proposed in Table 3. CMRS provider regulatory fees will be 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) along with the carrier's Operating Company Numbers (OCNs).

38. 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.

39. 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, 2021), 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.

V. List of Tables

TABLE 1

Commenter	Abbreviated commenter name	Date filed
<b>Comments to the FY 2021 Report and Order and NPRM MD Docket No. 21–190</b>		
ACT—The App Association, American Lighting Association (ALA), American Public Gas Association (APGA), Association of Equipment Manufacturers (AEM), Association of Home Appliance Manufacturers (AHAM), Bluetooth SIG, Consumer Technology Association (CTA), Information Technology Industry Council (ITI), National Electrical Manufacturers Association (NEMA), North American Association of Food Equipment Manufacturers (NAFEM), Outdoor Power Equipment Institute (OPEI), Plumbing Manufacturers International (PMI), Power Tool Institute (PTI), Telecommunications Industry Association (TIA), and Wi-SUN Alliance.	ACT Joint Commenters .....	10/21/21
Alliance of Automotive Innovation .....	Auto Innovators .....	10/21/21
Association of Home Appliance Manufacturers .....	AHAM .....	10/21/21
Astro Digital US, Inc .....	Astro Digital .....	10/21/21
Astroscale US .....	Astroscale .....	10/21/21
Computer and Communications Industry Association, Digital Media Association, INCOMPAS, and Internet Association.	CCIA Joint Commenters .....	10/21/21
Consumer Technology Association .....	CTA .....	10/21/21
DECT Forum .....	DECT Forum .....	10/21/21
Engine .....	Engine .....	10/21/21
Eutelsat Communications SA .....	Eutelsat .....	10/21/21
Hearing Industries Association .....	HIA .....	10/21/21
Information Technology Industry Council .....	ITI .....	10/21/21
Intuitive Machines, LLC .....	Intuitive Machines .....	10/21/21
Low Power Radio Association .....	LPRA .....	10/22/21
Motor and Equipment Manufacturers Association .....	MEMA .....	10/21/21
National Association of Broadcasters .....	NAB .....	10/21/21
National Electrical Manufacturers Association .....	NEMA .....	10/21/21
NCTA—The Internet & Television Association .....	NCTA .....	10/21/21
New America’s Open Technology Institute, Public Knowledge, the Benton Institute for Broadband & Society, Access Humboldt, Center for Rural Strategies, Tribal Digital Village, the Institute for Local Self Reliance, and the Schools, Health, Libraries & Broadband Coalition.	Public Interest Spectrum Commenters .....	10/21/21
Dr. Scott Palo .....	Palo .....	10/21/21
RBC Signals, LLC .....	RBC Signals .....	10/21/21
Spaceflight, Inc .....	Spaceflight .....	10/21/21
TechFreedom .....	TechFreedom .....	10/21/21
Telesat Canada, Kepler Communications Inc., WorldVu Satellites Limited (d/b/a OneWeb), O3b Limited, and SES Americom, Inc.	Satellite Coalition .....	10/21/21
US Telecom—The Broadband Association .....	USTelecom ex parte .....	10/21/21
Wi-Fi Alliance® .....	Wi-Fi Alliance .....	10/21/21
Wireless Internet Service Providers Association .....	WISPA .....	10/21/21

**Reply Comments to FY 2021 Report and Order and NPRM  
MD Docket No. 21–190**

ABC Television Affiliates Association, CBS Television Network Affiliates Association, FBC Television Affiliates Association, and NBC Television Affiliates.	Television Affiliates Associations .....	11/5/21
Alabama Broadcasters Association, Alaska Broadcasters Association, Arizona Broadcasters Association, Arkansas Broadcasters Association, California Broadcasters Association, Colorado 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 .....	11/5/21
Consumer Technology Association .....	CTA .....	11/5/21
CTIA—The Wireless Association® .....	CTIA .....	11/5/21
Entertainment Software Association .....	ESA .....	11/5/21
Itron, Inc .....	Itron .....	11/5/21
John Jaworski .....	Jaworski .....	11/5/21
Mobile & Wireless Forum .....	MWF .....	11/5/21
National Association of Broadcasters .....	NAB .....	11/5/21
NCTA—The Internet & Television Association .....	NCTA .....	11/5/21
R Street Institute .....	R Street .....	11/4/21
Dr. Scott Palo .....	Palo .....	11/5/21
Telesat Canada, Kepler Communications Inc., WorldVu Satellites Limited (d/b/a OneWeb), O3b Limited, and SES Americom, Inc.	Satellite Coalition .....	11/5/21

TABLE 1—Continued

Commenter	Abbreviated commenter name	Date filed
Utilities Technology Council	UTC	11/5/21
Wi-Fi Alliance®	Wi-Fi Alliance	11/5/21
Wireless Internet Service Providers Association	WISPA	11/5/21
<b>Ex Parte Comments to FY 2021 Report and Order and NPRM MD Docket No. 21–190</b>		
NCTA—The Internet & Television Association	NCTA	11/15/21
Thomas Lawler	Lawler	11/16/21
ACT—The App Association, American Lighting Association (ALA), Association of Equipment Manufacturers (AEM), Association of Home Appliance Manufacturers (AHAM), Bluetooth SIG, Consumer Technology Association (CTA), Information Technology Industry Council (ITI), National Electrical Manufacturers Association (NEMA), Telecommunications Industry Association (TIA), and Wi-SUN Alliance.	NEMA	11/3/21
Kepler, SES, Telesat	Kepler, SES, Telesat	3/10/22
National Association of Broadcasters	NAB	3/3/22
National Association of Broadcasters	NAB	3/31/22
National Rural Electric Cooperative Association	NRECA	12/27/21
Open Technology Institute at New America (OTI) and Public Knowledge (PK)	OTI, PK	12/6/21
Wireless Internet Service Providers Association	WISPA	12/3/21

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.

TABLE 2—REVENUE REQUIREMENTS AND PRO-RATA FEES

Fee category	FY 2022 payment units	Yrs	FY 2021 revenue estimate	Pro-rated FY 2022 revenue requirement	Computed FY 2022 regulatory fee	Rounded FY 2022 reg. fee	Expected FY 2022 revenue
PLMRS (Exclusive Use)	750	10	75,000	187,500	25.00	25	187,500
PLMRS (Shared use)	12,500	10	990,000	1,250,000	10.00	10	1,250,000
Microwave	18,000	10	4,750,000	4,500,000	25.00	25	4,500,000
Marine (Ship)	6,900	10	922,500	1,035,000	15.00	15	1,035,500
Aviation (Aircraft)	4,200	10	390,000	420,000	10.00	10	420,000
Marine (Coast)	210	10	16,000	84,000	40.00	40	84,000
Aviation (Ground)	350	10	110,000	70,000	20.00	20	70,000
AM Class A <sup>1</sup>	62	1	290,745	326,635	5,268	5,270	326,740
AM Class B <sup>1</sup>	1,430	1	3,610,880	4,052,570	2,834	2,835	4,054,050
AM Class C <sup>1</sup>	808	1	1,291,125	1,450,902	1,796	1,795	1,450,360
AM Class D <sup>1</sup>	1,356	1	4,267,835	4,793,696	3,535	3,535	4,793,460
FM Classes A, B1 & C3 <sup>1</sup>	3,045	1	8,886,395	10,109,721	3,320	3,320	10,109,400
FM Classes B, C, C0, C1 & C2 <sup>1</sup>	3,118	1	11,100,080	12,379,377	3,970	3,970	12,378,460
AM Construction Permits <sup>2</sup>	5	1	3,660	3,450	690	690	3,450
FM Construction Permits <sup>2</sup>	16	1	58,850	19,360	1,210	1,210	19,360
Digital Television <sup>5</sup> (including Satellite TV)	3.283 billion population	1	25,416,380	28,896,824	.00880277	.008803	28,897,591
Digital TV Construction Permits <sup>2</sup>	4	1	20,400	20,840	5,210	5,210	20,840
LPTV/Class A/Translators FM Trans/Boosters	5,466	1	1,649,920	1,855,851	339.5	340	1,858,440
CARS Stations	135	1	233,250	229,890	1,702.9	1,705	230,175
Cable TV Systems, including IPTV & DBS	65,000,000	1	76,244,000	76,369,621	1.1484	1.15	76,475,000
Interstate Telecommunication Service Providers	\$28,800,000,000	1	120,400,000	124,588,996	0.004326	0.004330	124,704,000
Toll Free Numbers	34,700,000	1	4,020,000	4,280,934	0.12337	0.12	4,164,000
CMRS Mobile Services (Cellular/Public Mobile)	509,000,000	1	75,600,000	72,687,506	0.1436	0.14	71,260,000
CMRS Messaging Services	1,500,000	1	136,000	120,000	0.0800	0.080	120,000
BRS/ <sup>3</sup>	1,225	1	756,250	716,625	585	585	716,625
LMDS	350	1	206,910	204,750	585	585	204,750
Per Gbps circuit Int'l Bearer Circuits	12,000	1	468,700	464,319	38.69	39	468,000
Terrestrial (Common & Non-Common) & Satellite (Common & Non-Common).							
Submarine Cable Providers (See chart at bottom of Table 3) <sup>4</sup> .	64.438	1	8,839,554	8,822,058	136,909	136,910	8,822,138
Earth Stations	2,900	1	1,785,000	1,787,717	616.5	615	1,783,500
Space Stations (Geostationary)	141	1	17,177,685	17,143,881	121,588	121,590	17,144,190
Space Stations (Non-Geostationary, Other)	10	1	3,435,550	3,380,200	338,020	338,020	3,380,200
Space Stations (Non-Geostationary, Less Complex)	6	1	858,865	845,050	140,842	140,840	845,040
Space Stations (Non-Geostationary, Small Satellite)	5	1	0	60,720	12,144	12,145	60,725
Total Estimated Revenue to be Collected			373,920,077	383,225,896			381,836,994
Total Revenue Requirement			374,000,000	381,950,000			381,950,000
Difference			(79,923)	1,275,896			(113,006)

Notes on Table 2:

<sup>1</sup>The fee amounts listed in the column entitled "Rounded New FY 2022 Regulatory Fee" constitute a weighted average broadcast regulatory fee by class of service. The actual FY 2022 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, 69 FR 72020 (Dec. 10, 2004), and Further Notice of Proposed Rulemaking, 69 FR 72048 (Dec. 10, 2004), 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, 73 FR 50201 (Aug. 26, 2008), and Further Notice of Proposed Rulemaking, 73 FR 50285 (Aug. 26, 2008), 24 FCC Rcd 6388 (2008) and Assessment and Collection of Regulatory Fees for Fiscal Year 2008, Second Report and Order, 74 FR 36948 (July 27, 2009), 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.

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.

TABLE 3—FY 2022 SCHEDULE OF REGULATORY FEES

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).	.14.
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) .....	585.
Local Multipoint Distribution Service (per call sign) (47 CFR part 101) .....	585.
AM Radio Construction Permits .....	690.
FM Radio Construction Permits .....	1,210.
AM and FM Broadcast Radio Station Fees .....	See Table Below.
Digital TV (47 CFR part 73) VHF and UHF Commercial Fee Factor .....	\$.008803. See Table 7 for fee amounts due, also available at <a href="https://www.fcc.gov/licensing-databases/fees/regulatory-fees">https://www.fcc.gov/licensing-databases/fees/regulatory-fees</a> .
Digital TV Construction Permits .....	5,210.
Low Power TV, Class A TV, TV/FM Translators & FM Boosters (47 CFR part 74) .....	340.
CARS (47 CFR part 78) .....	1,705.
Cable Television Systems (per subscriber) (47 CFR part 76), Including IPTV .....	1.15.
Interstate Telecommunication Service Providers (per revenue dollar) .....	.00433.
Toll Free (per toll free subscriber) (47 CFR (f)) .....	.12.
Earth Stations (47 CFR part 25) .....	615.
Space Stations (per operational station in geostationary orbit) (47 CFR part 25) also includes DBS Service (per operational station) (47 CFR part 100).	121,590.
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25) (Other) .....	338,020.
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25) (Less Complex) ....	140,840.
Space Stations (per license/call sign in non-geostationary orbit) (47 CFR part 25) (Small Satellite) .....	12,145.
International Bearer Circuits—Terrestrial/Satellites (per Gbps circuit) .....	39.
Submarine Cable Landing Licenses Fee (per cable system) .....	See Table Below.

FY 2022 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 .....	\$1,105	\$795	\$690	\$760	\$1,210	\$1,380
25,001–75,000 .....	1,660	1,195	1,035	1,140	1,815	2,070
75,001–150,000 .....	2,485	1,790	1,555	1,710	2,725	3,105
150,001–500,000 .....	3,735	2,685	2,330	2,570	4,090	4,665
500,001–1,200,000 .....	5,590	4,025	3,490	3,845	6,125	6,985
1,200,001–3,000,000 .....	8,400	6,040	5,245	5,775	9,195	10,490
3,000,001–6,000,000 .....	12,585	9,055	7,860	8,655	13,780	15,720
>6,000,000 .....	18,885	13,585	11,790	12,990	20,680	23,585

## FY 2022 INTERNATIONAL BEARER CIRCUITS—SUBMARINE CABLE SYSTEMS

Submarine cable systems (capacity as of December 31, 2021)	Fee ratio (units)	FY 2021 regulatory fees
Less than 50 Gbps .....	.0625	\$8,560
50 Gbps or greater, but less than 250 Gbps .....	.125	17,115
250 Gbps or greater, but less than 1,500 Gbps .....	.25	34,230
1,500 Gbps or greater, but less than 3,500 Gbps .....	.5	68,455
3,500 Gbps or greater, but less than 6,500 Gbps .....	1.0	136,910
6,500 Gbps or greater .....	2.0	273,820

In order to calculate individual service fees for FY 2022, we adjusted FY 2021 payment units for each service to more accurately reflect expected FY 2022 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, where 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 2022 estimates with actual FY 2021 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 2022 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 2022 payment units are based on FY 2021 actual payment units, it does not necessarily mean that our FY 2022 projection is exactly the same number as in FY 2021. We have either rounded the FY 2022 number or adjusted it slightly to account for these variables.

TABLE 4—SOURCES OF PAYMENT UNIT ESTIMATES FOR FY 2022

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 2021 payment data.
CMRS Messaging Services .....	Based on WTB reports, and FY 2021 payment data.
AM/FM Radio Stations .....	Based on CDBS data, adjusted for exemptions, and actual FY 2021 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 2021 payment units.
LPTV, Translators and Boosters, Class A Television .....	Based on LMS data, adjusted for exemptions, and actual FY 2021 payment units.
BRS (formerly MDS/MMDS) LMDS .....	Based on WTB reports and actual FY 2021 payment units. Based on WTB reports and actual FY 2021 payment units.
Cable Television Relay Service (CARS) Stations .....	Based on data from Media Bureau's COALS database and actual FY 2021 payment units.
Cable Television System Subscribers, Including IPTV Subscribers.	Based on publicly available data sources for estimated subscriber counts, trend information from past payment data, and actual FY 2021 payment units.
Interstate Telecommunication Service Providers .....	Based on FCC Form 499-A worksheets due in April 2022, and any data assistance provided by the Wireline Competition Bureau.
Earth Stations .....	Based on International Bureau licensing data and actual FY 2021 payment units.
Space Stations (GSOs & NGSOs) .....	Based on International Bureau data reports and actual FY 2021 payment units.
International Bearer Circuits .....	Based on assistance provided by the International Bureau, any data submissions by licensees, adjusted as necessary, and actual FY 2021 payment units.
Submarine Cable Licenses .....	Based on International Bureau license information, and actual FY 2021 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 §§ 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 2022 REGULATORY FEES

Licensee	Call sign	Satellite name	Type
<b>U.S.-Licensed Space Stations</b>			
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	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 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	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.

TABLE 6—SATELLITE CHARTS FOR FY 2022 REGULATORY FEES—Continued

Licensee	Call sign	Satellite name	Type
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.
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	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	S2713	AMC-18	GSO.
SES Americom, Inc	S2433	AMC-11	GSO.
SES Americom, Inc./Alascom, Inc	S2379	AMC-8	GSO.
Sirius XM Radio Inc	S2710	FM-5	GSO.
Sirius XM Radio Inc	S3033	XM-7	GSO.
Sirius XM Radio Inc	S3034	XM-8	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.

Licensee	Call sign	Satellite common name	Satellite type
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## Non-U.S.-Licensed Space Stations—Market Access Through Petition for Declaratory Ruling

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	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.

Licensee	Call sign	Satellite common name	Satellite type
Inmarsat PLC	S2949	Inmarsat-3 F5	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.

ITU name (if available)	Common name	Call sign	GSO/NGSO
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**Non-U.S.-Licensed Space Stations—Market Access Through Earth Station Licenses**

APSTAR VI	APSTAR 6	M292090	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.
INMARSAT 5F3	INMARSAT 5F3	E150028	GSO.
JCSAT-2B	JCSAT-2B	M174163	GSO.
NIMIQ 5	NIMIQ 5	E080107	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.

ITU name (if available)	Common name	Call sign	NGSO
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**Non-Geostationary Space Stations (NGSO)  
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/Skysats	S2912	Less Complex.
Maxar License	WorldView 1,2 & 3, GeoEye-1	S2129/S2348	Less Complex.
BlackSky Global	Global	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.
Myriota Pty. Ltd	MYRIOTA	S3047	Other.
O3b Ltd	O3b	S2935	Other.

ITU name (if available)	Common name	Call sign	NGSO
<b>NGSO Systems That Are Partly U.S.-Licensed and Partly Non-U.S.-Licensed With Market Access Through Petition for Declaratory Ruling</b>			
Globalstar License LLC .....	GLOBALSTAR .....	S2115 .....	Other.
Spire Global .....	LEMUR & MINAS .....	S2946/S3045 .....	Less Complex.
<b>NGSO Systems Licensed Under the Streamlined Small Satellite Rules</b>			
Capella Space Corp .....	Capella-2, Capella-3, Capella-4 .....	S3073 .....	Small Satellite.
Capella Space Corp .....	Capella-5, Capella-6 .....	S3080 .....	Small Satellite.
Loft Orbital Solutions Inc .....	YAM-2 .....	S3052 .....	Small Satellite.
Loft Orbital Solutions Inc .....	YAM-3 .....	S3072 .....	Small Satellite.
R2 Space, Inc .....	XR-1 .....	S3067 .....	Small Satellite.

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
3246 .....	KAAB-TV .....	955,391	879,906	\$7,746
18285 .....	KAAL .....	589,502	568,169	5,002
11912 .....	KAAS-TV .....	220,262	219,922	1,936
56528 .....	KABB .....	2,474,296	2,456,689	21,626
282 .....	KABC-TV .....	17,540,791	16,957,292	149,275
1236 .....	KACV-TV .....	372,627	372,330	3,278
33261 .....	KADN-TV .....	877,965	877,965	7,729
8263 .....	KAEF-TV .....	138,085	122,808	1,081
2728 .....	KAET .....	4,217,217	4,184,386	36,835
2767 .....	KAFT .....	1,204,376	1,122,928	9,885
62442 .....	KAID .....	711,035	702,721	6,186
4145 .....	KAIL-TV .....	188,810	165,396	1,456
67494 .....	KAIL .....	1,947,635	1,914,765	16,856
13988 .....	KAIT .....	861,149	845,812	7,446
40517 .....	KAJB .....	383,886	383,195	3,373
65522 .....	KAKE .....	803,937	799,254	7,036
804 .....	KAKM .....	380,240	379,105	3,337
148 .....	KAKW-DT .....	2,615,956	2,531,813	22,288
51598 .....	KALB-TV .....	943,307	942,043	8,293
51241 .....	KALO .....	954,557	910,409	8,014
40820 .....	KAMC .....	391,526	391,502	3,446
8523 .....	KAMR-TV .....	366,476	366,335	3,225
65301 .....	KAMU-TV .....	346,892	342,455	3,015
2506 .....	KAPP .....	319,797	283,944	2,500
3658 .....	KARD .....	703,234	700,887	6,170
23079 .....	KARE .....	3,924,944	3,907,483	34,398
33440 .....	KARK-TV .....	1,212,038	1,196,196	10,530
37005 .....	KARZ-TV .....	1,113,486	1,095,224	9,641
32311 .....	KASA-TV .....	1,161,837	1,119,457	9,855
41212 .....	KASN .....	1,175,627	1,159,721	10,209
7143 .....	KASW .....	4,174,437	4,160,497	36,625
55049 .....	KASY-TV .....	1,145,133	1,100,391	9,687
33471 .....	KATC .....	1,348,897	1,348,897	11,874
13813 .....	KATN .....	97,466	97,128	855
21649 .....	KATU .....	3,030,547	2,881,993	25,370
33543 .....	KATV .....	1,257,777	1,234,933	10,871
50182 .....	KAUT-TV .....	1,637,333	1,636,330	14,405
21488 .....	KAUU .....	381,413	380,355	3,348
6864 .....	KAUZ-TV .....	381,671	379,435	3,340
73101 .....	KAVU-TV .....	319,618	319,484	2,812
49579 .....	KAWB .....	186,919	186,845	1,645
49578 .....	Kawe .....	136,033	133,937	1,179
58684 .....	KAYU-TV .....	809,464	750,766	6,609
29234 .....	KAZA-TV .....	14,973,535	13,810,130	121,571
17433 .....	KAZD .....	6,776,778	6,774,172	59,633
1151 .....	KAZQ .....	1,097,010	1,084,327	9,545
35811 .....	KAZT-TV .....	436,925	359,273	3,163
4148 .....	KBAK-TV .....	1,510,400	1,263,910	11,126
16940 .....	KBCA .....	479,260	479,219	4,219
53586 .....	KBCB .....	1,256,193	1,223,883	10,774
69619 .....	KBCW .....	8,227,562	7,375,199	64,924
22685 .....	KBDI-TV .....	4,042,177	3,683,394	32,425
56384 .....	KBEH .....	17,736,497	17,695,306	155,772

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
65395	KBFD-DT	953,207	834,341	7,345
169030	KBGS-TV	159,269	156,802	1,380
61068	KBHE-TV	140,860	133,082	1,172
48556	KBIM-TV	205,701	205,647	1,810
29108	KBIN-TV	912,921	911,725	8,026
33658	KBJR-TV	275,585	271,298	2,388
83306	KBLN-TV	297,384	134,927	1,188
63768	KBLR	1,964,979	1,915,861	16,865
53324	KBME-TV	123,571	123,485	1,087
10150	KBMT	743,009	742,369	6,535
22121	KBMY	119,993	119,908	1,056
49760	KBOI-TV	715,191	708,374	6,236
55370	KBRR	149,869	149,868	1,319
66414	KBSD-DT	155,012	154,891	1,364
66415	KBSH-DT	102,781	100,433	884
19593	KBSI	756,501	754,722	6,644
66416	KBSL-DT	49,814	48,483	427
4939	KBSV	1,352,166	1,262,708	11,116
62469	KBTC-TV	3,697,981	3,621,965	31,884
61214	KBTV-TV	734,008	734,008	6,461
6669	KBTX-TV	4,404,648	4,401,048	38,742
35909	KBVO	1,498,015	1,312,360	11,553
58618	KBVU	135,249	120,827	1,064
6823	KBYU-TV	2,389,548	2,209,060	19,446
33756	KBZK	123,523	109,131	961
21422	KCAL-TV	17,499,483	16,889,157	148,675
11265	KCAU-TV	714,315	706,224	6,217
14867	KCBA	3,088,394	2,369,803	20,861
27507	KCBD	414,804	414,091	3,645
9628	KCBS-TV	17,853,152	16,656,778	146,630
49750	KCBY-TV	89,156	73,211	644
33710	KCCI	1,109,952	1,102,514	9,705
9640	KCCW-TV	284,280	276,935	2,438
63158	KCDO-TV	2,798,103	2,650,225	23,330
62424	KCDT	698,389	657,101	5,784
83913	KCEB	417,491	417,156	3,672
57219	KCEC	3,831,192	3,613,287	31,808
10245	KCEN-TV	1,795,767	1,757,018	15,467
13058	KCET	16,875,019	15,402,588	135,589
18079	KCFW-TV	177,697	140,192	1,234
132606	KCGE-DT	123,930	123,930	1,091
60793	KCHF	1,118,671	1,085,205	9,553
33722	KCIT	382,477	381,818	3,361
62468	KCKA	953,680	804,362	7,081
41969	KCLO-TV	138,413	132,157	1,163
47903	KCNC-TV	3,794,400	3,541,089	31,172
71586	KCNS	8,270,858	7,381,656	64,981
33742	KCOP-TV	17,386,133	16,647,708	146,550
19117	KCOS	1,014,396	1,014,205	8,928
63165	KCOY-TV	664,655	459,468	4,045
33894	KCPQ	4,439,875	4,312,133	37,960
53843	KCPT	2,507,879	2,506,224	22,062
33875	KCRA-TV	10,612,483	6,500,774	57,226
9719	KCRG-TV	1,136,762	1,107,130	9,746
60728	KCSD-TV	273,553	273,447	2,407
59494	KCSG	174,814	164,765	1,450
33749	KCTS-TV	4,177,824	4,115,603	36,230
41230	KCTV	2,547,456	2,545,645	22,409
58605	KCVU	684,900	674,585	5,938
10036	KCWC-DT	44,216	39,439	347
64444	KCWE	2,459,924	2,458,302	21,640
51502	KCWI-TV	1,043,811	1,042,642	9,178
42008	KCWO-TV	50,707	50,685	446
166511	KCWW	207,398	207,370	1,825
24316	KCWX	3,961,268	3,954,787	34,814
68713	KCWY-DT	80,904	80,479	708
22201	KDAF	6,648,507	6,645,226	58,498
33764	KDBC-TV	1,015,564	1,015,162	8,936
79258	KDCK	43,088	43,067	379
166332	KDCU-DT	753,204	753,190	6,630
38375	KDEN-TV	3,376,799	3,351,182	29,500

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
17037	KDFI	6,684,439	6,682,487	58,826
33770	KDFW	6,659,312	6,657,023	58,602
29102	KDIN-TV	1,088,376	1,083,845	9,541
25454	KDKA-TV	3,611,796	3,450,690	30,376
60740	KDKF	71,413	64,567	568
4691	KDLH	263,422	260,394	2,292
41975	KDLO-TV	208,354	208,118	1,832
55379	KDLT-TV	639,284	628,281	5,531
55375	KDLV-TV	96,873	96,620	851
25221	KDMD	375,328	373,408	3,287
78915	KDMI	1,141,990	1,140,939	10,044
56524	KDNL-TV	2,987,219	2,982,311	26,253
24518	KDOC-TV	17,503,793	16,701,233	147,021
1005	KDOR-TV	1,112,060	1,108,556	9,759
60736	KDRV	519,706	440,002	3,873
61064	KDSD-TV	64,314	59,635	525
53329	KDSE	42,896	41,432	365
56527	KDSM-TV	1,096,220	1,095,478	9,643
49326	KDTN	6,602,327	6,600,186	58,101
83491	KDTP	26,564	24,469	215
33778	KDTV-DT	7,959,349	7,129,638	62,762
67910	KDTX-TV	6,680,738	6,679,424	58,799
126	KDVR	3,644,912	3,521,884	31,003
18084	KECI-TV	211,745	193,803	1,706
51208	KECY-TV	399,372	394,379	3,472
58408	KEDT	513,683	513,683	4,522
55435	KEET	177,313	159,960	1,408
37103	KEKE	97,959	94,560	832
41983	KELO-TV	705,364	646,126	5,688
34440	KEMO-TV	8,270,858	7,381,656	64,981
2777	KEMV	619,889	559,135	4,922
26304	KENS	2,544,094	2,529,382	22,266
63845	KENV-DT	47,220	40,677	358
18338	KENW	87,017	87,017	766
50591	KEPB-TV	576,964	523,655	4,610
56029	KEPR-TV	453,259	433,260	3,814
49324	KERA-TV	6,681,083	6,677,852	58,785
40878	KERO-TV	1,285,357	1,164,979	10,255
61067	KESD-TV	166,018	159,195	1,401
25577	KESQ-TV	1,334,172	572,057	5,036
50205	KETA-TV	1,702,441	1,688,227	14,861
62182	KETC	2,913,924	2,911,313	25,628
37101	KETD	3,323,570	3,285,231	28,920
2768	KETG	426,883	409,511	3,605
12895	KETH-TV	6,088,821	6,088,677	53,599
55643	KETK-TV	1,031,567	1,030,122	9,068
2770	KETS	1,185,111	1,166,796	10,271
53903	KETV	1,355,714	1,350,740	11,891
92872	KETZ	526,890	523,877	4,612
68853	KEYC-TV	544,900	531,079	4,675
33691	KEYE-TV	2,732,257	2,652,529	23,350
60637	KEYT-TV	1,419,564	1,239,577	10,912
83715	KEYU	339,348	339,302	2,987
34406	KEZI	1,113,171	1,065,880	9,383
34412	KFBB-TV	93,519	91,964	810
125	KFCT	795,114	788,747	6,943
51466	KFDA-TV	385,064	383,977	3,380
22589	KFDM	732,665	732,588	6,449
65370	KFDX-TV	381,703	381,318	3,357
49264	KFFV	4,020,926	3,987,153	35,099
12729	KFFX-TV	409,952	403,692	3,554
83992	KFJX	515,708	505,647	4,451
42122	KFMB-TV	3,947,735	3,699,981	32,571
53321	KFME	393,045	392,472	3,455
74256	KFNB	80,382	79,842	703
21613	KFNE	54,988	54,420	479
21612	KFNR	10,988	10,965	97
66222	KFOR-TV	1,616,459	1,615,614	14,222
33716	KFOX-TV	1,023,999	1,018,549	8,966
41517	KFPH-DT	347,579	282,838	2,490
81509	KFPX-TV	963,969	963,846	8,485



TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
31597	KFQX	186,473	163,637	1,440
59013	KFRE-TV	1,721,275	1,705,484	15,013
51429	KFSF-DT	7,348,828	6,528,430	57,470
66469	KFSM-TV	906,728	884,919	7,790
8620	KFSN-TV	1,836,607	1,819,585	16,018
29560	KFTA-TV	818,859	809,173	7,123
83714	KFTC	61,990	61,953	545
60537	KFTH-DT	6,080,688	6,080,373	53,526
60549	KFTR-DT	17,560,679	16,305,726	143,539
61335	KFTS	74,936	65,126	573
81441	KFTU-DT	113,876	109,731	966
34439	KFTV-DT	1,794,984	1,779,917	15,669
664	KFVE	82,902	73,553	647
592	KFVS-TV	895,871	873,777	7,692
29015	KFWD	6,666,428	6,660,565	58,633
35336	KFXA	875,538	874,070	7,694
17625	KFXB-TV	373,280	368,466	3,244
70917	KFXK-TV	934,043	931,791	8,203
84453	KFXL-TV	862,531	854,678	7,524
56079	KFXV	1,225,732	1,225,732	10,790
41427	KFYR-TV	130,881	128,301	1,129
25685	KGAN	1,083,213	1,057,597	9,310
34457	KGBT-TV	1,239,001	1,238,870	10,906
7841	KGCW	949,575	945,476	8,323
24485	KGEB	1,186,225	1,150,201	10,125
34459	KGET-TV	917,927	874,332	7,697
53320	KGFE	114,564	114,564	1,009
7894	KGIN	230,535	228,338	2,010
83945	KGLA-DT	1,645,641	1,645,641	14,487
34445	KGMB	953,398	851,088	7,492
58608	KGMC	1,936,675	1,914,168	16,850
36914	KGMD-TV	94,323	93,879	826
36920	KG MV	193,564	162,230	1,428
10061	KGNS-TV	267,236	259,548	2,285
34470	KGO-TV	8,637,074	7,929,294	69,802
56034	KGPE	1,699,131	1,682,082	14,807
81694	KGPX-TV	685,626	624,955	5,501
25511	KGTF	161,885	160,568	1,413
40876	KGTV	3,960,667	3,682,219	32,415
36918	KGUN-TV	1,398,527	1,212,484	10,673
34874	KGW	3,026,617	2,878,510	25,340
63177	KGWC-TV	80,475	80,009	704
63162	KGWL-TV	38,125	38,028	335
63166	KGWN-TV	469,467	440,388	3,877
63170	KGWR-TV	51,315	50,957	449
4146	KHAW-TV	95,204	94,851	835
60353	KHBS	631,770	608,052	5,353
27300	KHCE-TV	2,353,883	2,348,391	20,673
26431	KHET	959,060	944,568	8,315
21160	KHGI-TV	233,973	229,173	2,017
36917	KHII-TV	953,895	851,585	7,497
29085	KHIN	1,041,244	1,039,383	9,150
17688	KHME	181,345	179,706	1,582
47670	KHMT	175,601	170,957	1,505
47987	KHNE-TV	203,931	202,944	1,787
34867	KHNL	953,398	851,088	7,492
60354	KHOG-TV	765,360	702,984	6,188
4144	KHON-TV	953,207	886,431	7,803
34529	KHOU	6,083,336	6,081,785	53,538
4690	KHQA-TV	318,469	316,134	2,783
34537	KHQ-TV	822,371	774,821	6,821
30601	KHRR	1,227,847	1,166,890	10,272
34348	KHSD-TV	188,735	185,202	1,630
24508	KHSL-TV	625,904	608,850	5,360
69677	KHSV	2,059,794	2,020,045	17,782
64544	KHVO	94,226	93,657	824
23394	KIAH	6,099,694	6,099,297	53,692
34564	KICU-TV	8,233,041	7,174,316	63,156
56028	KIDK	305,509	302,535	2,663
58560	KIDY	116,614	116,596	1,026
53382	KIEM-TV	174,390	160,801	1,416

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
66258	KIFI-TV	324,422	320,118	2,818
16950	KIFR	2,180,045	2,160,460	19,019
10188	KIII	569,864	566,796	4,990
29095	KIIN	1,365,215	1,335,707	11,758
34527	KIKU	953,896	850,963	7,491
63865	KILM	17,256,205	15,804,489	139,127
56033	KIMA-TV	308,604	260,593	2,294
66402	KIMT	654,083	643,384	5,664
67089	KINC	2,002,066	1,920,903	16,910
34847	KING-TV	4,074,288	4,036,926	35,537
51708	KINT-TV	1,015,582	1,015,274	8,937
26249	KION-TV	2,400,317	855,808	7,534
62427	KIPT	171,405	170,455	1,501
66781	KIRO-TV	4,058,101	4,030,968	35,485
62430	KISU-TV	311,827	307,651	2,708
12896	KITU-TV	712,362	712,362	6,271
64548	KITV	953,207	839,906	7,394
59255	KIVI-TV	710,819	702,619	6,185
47285	KIXE-TV	467,518	428,118	3,769
13792	KJJC-TV	82,749	81,865	721
14000	KJLA	17,929,100	16,794,896	147,845
20015	KJNP-TV	98,403	98,097	864
53315	KJRE	16,187	16,170	142
59439	KJRH-TV	1,416,108	1,397,311	12,301
55364	KJRR	45,515	44,098	388
7675	KJTL	379,594	379,263	3,339
55031	KJTV-TV	406,283	406,260	3,576
13814	KJUD	31,229	30,106	265
36607	KJZZ-TV	2,388,965	2,209,183	19,447
83180	KKAI	953,400	919,742	8,096
58267	KKAP	957,786	923,172	8,127
24766	KKCO	206,018	172,628	1,520
35097	KKJB	629,939	624,784	5,500
22644	KKPX-TV	7,588,288	6,758,490	59,495
35037	KKTV	2,892,126	2,478,864	21,821
35042	KLAS-TV	2,094,297	1,940,030	17,078
52907	KLAX-TV	367,212	366,839	3,229
3660	KLBK-TV	387,783	387,743	3,413
65523	KLBY	31,102	31,096	274
38430	KLCS	16,875,019	15,402,588	135,589
77719	KLCW-TV	381,889	381,816	3,361
51479	KLDO-TV	250,832	250,832	2,208
37105	KLEI	175,045	138,087	1,216
56032	KLEW-TV	164,908	148,256	1,305
35059	KLFY-TV	1,355,890	1,355,409	11,932
54011	KLJB	1,027,104	1,012,309	8,911
11264	KLKN	1,161,979	1,122,111	9,878
52593	KLML	270,089	218,544	1,924
47975	KLNE-TV	123,324	123,246	1,085
38590	KLPA-TV	414,699	414,447	3,648
38588	KLPB-TV	749,053	749,053	6,594
749	KLRN	2,374,472	2,353,440	20,717
11951	KLRT-TV	1,171,678	1,152,541	10,146
8564	KLRU	2,614,658	2,575,518	22,672
8322	KLSR-TV	564,415	508,157	4,473
31114	KLST	199,067	169,551	1,493
24436	KLTJ	6,034,131	6,033,867	53,116
38587	KLTL-TV	423,574	423,574	3,729
38589	KLTM-TV	694,280	688,915	6,065
38591	KLTS-TV	947,141	944,257	8,312
68540	KLTV	1,069,690	1,051,361	9,255
12913	KLUJ-TV	1,195,751	1,195,751	10,526
57220	KLUZ-TV	1,079,718	1,019,302	8,973
11683	KLVX	2,044,150	1,936,083	17,043
82476	KLWB	1,065,748	1,065,748	9,382
40250	KLWY	541,043	538,231	4,738
64551	KMAU	213,060	188,953	1,663
51499	KMAX-TV	10,767,605	7,132,240	62,785
65686	KMBC-TV	2,506,035	2,504,622	22,048
35183	KMCB	69,357	66,203	583
41237	KMCC	2,064,592	2,010,262	17,696

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
42636	KMCI-TV	2,429,392	2,428,626	21,379
38584	KMCT-TV	267,004	266,880	2,349
22127	KMCY	71,797	71,793	632
162016	KMDE	35,409	35,401	312
26428	KMEB	221,810	203,470	1,791
39665	KMEG	708,748	704,130	6,198
35123	KMEX-DT	17,628,354	16,318,720	143,654
40875	KMGH-TV	3,815,224	3,574,344	31,465
35131	KMID	383,449	383,439	3,375
16749	KMIR-TV	2,760,914	730,764	6,433
63164	KMIZ	532,025	530,008	4,666
53541	KMLM-DT	293,290	293,290	2,582
52046	KMLU	711,951	708,107	6,233
47981	KMNE-TV	47,232	44,189	389
24753	KMOH-TV	199,885	184,283	1,622
4326	KMOS-TV	804,745	803,129	7,070
41425	KMOT	81,517	79,504	700
70034	KMOV	3,035,077	3,029,405	26,668
51488	KMPH-TV	1,725,397	1,697,871	14,946
73701	KMPX	6,678,829	6,674,706	58,757
44052	KMSB	1,321,614	1,039,442	9,150
68883	KMSP-TV	3,832,040	3,805,141	33,497
12525	KMSS-TV	1,068,120	1,066,388	9,387
43095	KMTP-TV	5,252,062	4,457,617	39,240
35189	KMTR	589,948	520,666	4,583
35190	KMTV-TV	1,346,549	1,344,796	11,838
77063	KMTW	761,521	761,516	6,704
35200	KMVT	184,647	176,351	1,552
32958	KMVU-DT	308,150	231,506	2,038
86534	KMYA-DT	200,764	200,719	1,767
51518	KMYS	2,273,888	2,267,913	19,964
54420	KMYT-TV	1,314,197	1,302,378	11,465
35822	KMYU	133,563	130,198	1,146
993	KNAT-TV	1,157,630	1,124,619	9,900
24749	KNAZ-TV	332,321	227,658	2,004
47906	KNBC	17,859,647	16,555,232	145,736
81464	KNBN	145,493	136,995	1,206
9754	KNCT	1,751,838	1,726,148	15,195
82611	KNDB	118,154	118,122	1,040
82615	KNDM	72,216	72,209	636
12395	KNDO	314,875	270,892	2,385
12427	KNDU	475,612	462,556	4,072
17683	KNEP	101,389	95,890	844
48003	KNHL	277,777	277,308	2,441
125710	KNIC-DT	2,398,296	2,383,294	20,980
59363	KNIN-TV	708,289	703,838	6,196
48525	KNLC	2,981,508	2,978,979	26,224
48521	KNLJ	655,000	642,705	5,658
84215	KNMD-TV	1,135,642	1,108,358	9,757
55528	KNME-TV	1,148,741	1,105,095	9,728
47707	KNMT	2,887,142	2,794,995	24,604
48975	KNOE-TV	733,097	729,703	6,424
49273	KNOP-TV	87,904	85,423	752
10228	KNPB	604,614	462,732	4,073
55362	KNRR	25,957	25,931	228
35277	KNSD	3,861,660	3,618,321	31,852
19191	KNSN-TV	611,981	459,485	4,045
23302	KNSO	1,824,786	1,803,796	15,879
35280	KNTV	8,525,818	8,027,505	70,666
144	KNVA	2,550,225	2,529,184	22,264
33745	KNVN	495,902	470,252	4,140
69692	KNVO	1,247,014	1,247,014	10,977
29557	KNWA-TV	822,906	804,682	7,084
59440	KNXV-TV	4,183,943	4,173,022	36,735
59014	KOAA-TV	1,608,528	1,203,731	10,596
50588	KOAB-TV	207,070	203,371	1,790
50590	KOAC-TV	1,957,282	1,543,401	13,587
58552	KOAM-TV	595,307	584,921	5,149
53928	KOAT-TV	1,132,372	1,105,116	9,728
35313	KOB	1,152,841	1,113,162	9,799
35321	KOBF	201,911	166,177	1,463

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
8260	KOBI	562,463	519,063	4,569
62272	KOBR	211,709	211,551	1,862
50170	KOCB	1,629,783	1,629,152	14,341
4328	KOCE-TV	17,446,133	16,461,581	144,911
84225	KOCM	1,434,325	1,433,605	12,620
12508	KOCO-TV	1,716,569	1,708,085	15,036
83181	KOCW	83,807	83,789	738
18283	KODE-TV	740,156	731,512	6,440
66195	KOED-TV	1,497,297	1,459,833	12,851
50198	KOET	658,606	637,640	5,613
51189	KOFY-TV	5,252,062	4,457,617	39,240
34859	KOGG	190,829	161,310	1,420
166534	KOHD	201,310	197,662	1,740
35380	KOIN	3,028,482	2,881,460	25,365
35388	KOKH-TV	1,627,116	1,625,246	14,307
11910	KOKI-TV	1,366,220	1,352,227	11,904
48663	KOLD-TV	1,216,228	887,754	7,815
7890	KOLN	1,225,400	1,190,178	10,477
63331	KOLO-TV	959,178	826,985	7,280
28496	KOLR	1,076,144	1,038,613	9,143
21656	KOMO-TV	4,132,260	4,087,435	35,982
65583	KOMU-TV	551,658	542,544	4,776
35396	KONG	4,006,008	3,985,271	35,082
60675	KOOD	113,416	113,285	997
50589	KOPB-TV	3,059,231	2,875,815	25,316
2566	KOPX-TV	1,501,110	1,500,883	13,212
64877	KORO	560,983	560,983	4,938
6865	KOSA-TV	340,978	338,070	2,976
34347	KOTA-TV	174,876	152,861	1,346
8284	KOTI	298,175	97,132	855
35434	KOTV-DT	1,417,753	1,403,838	12,358
56550	KOVR	10,784,477	7,162,989	63,056
51101	KOZJ	429,982	427,991	3,768
51102	KOZK	839,841	834,308	7,344
3659	KOZL-TV	992,495	963,281	8,480
35455	KPAX-TV	206,895	193,201	1,701
67868	KPAZ-TV	4,190,080	4,176,323	36,764
6124	KPBS	3,584,237	3,463,189	30,486
50044	KPBT-TV	340,080	340,080	2,994
77452	KPCB-DT	30,861	30,835	271
35460	KPDX	2,970,703	2,848,423	25,075
12524	KPEJ-TV	368,212	368,208	3,241
41223	KPHO-TV	4,195,073	4,175,139	36,754
61551	KPIC	156,687	105,807	931
86205	KPIF	265,080	258,174	2,273
25452	KPIX-TV	8,226,463	7,360,625	64,796
58912	KPJK	7,884,411	6,955,179	61,226
166510	KPJR-TV	3,402,088	3,372,831	29,691
13994	KPLC	1,406,085	1,403,853	12,358
41964	KPLO-TV	55,827	52,765	464
35417	KPLR-TV	2,991,598	2,988,106	26,304
12144	KPMR	1,731,370	1,473,251	12,969
47973	KPNE-TV	92,675	89,021	784
35486	KPNX	4,180,982	4,176,442	36,765
77512	KPNZ	2,394,311	2,208,707	19,443
73998	KPOB-TV	144,525	143,656	1,265
26655	KPPX-TV	4,186,998	4,171,450	36,721
53117	KPRC-TV	6,099,422	6,099,076	53,690
48660	KPRY-TV	42,521	42,426	373
61071	KPSD-TV	19,886	18,799	165
53544	KPTB-DT	322,780	320,646	2,823
81445	KPTF-DT	84,512	84,512	744
77451	KPTH	660,556	655,373	5,769
51491	KPTM	1,414,998	1,414,014	12,448
33345	KPTS	832,000	827,866	7,288
50633	KPTV	2,998,460	2,847,263	25,064
82575	KPTW	80,374	80,012	704
1270	KPVI-DT	271,379	264,204	2,326
58835	KPXB-TV	6,062,458	6,062,238	53,366
68695	KPXC-TV	3,362,518	3,341,951	29,419
68834	KPXD-TV	6,555,157	6,553,373	57,689

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
33337	KPXE-TV	2,437,178	2,436,024	21,444
5801	KPXG-TV	3,026,219	2,882,598	25,376
81507	KPXJ	1,138,632	1,135,626	9,997
61173	KPXL-TV	2,257,007	2,243,520	19,750
35907	KPXM-TV	3,507,312	3,506,503	30,868
58978	KPXN-TV	17,256,205	15,804,489	139,127
77483	KPXO-TV	953,329	913,341	8,040
21156	KPXR-TV	828,915	821,250	7,229
10242	KQCA	10,077,891	6,276,197	55,249
41430	KQCD-TV	35,623	33,415	294
18287	KQCK	3,220,160	3,162,711	27,841
78322	KQCW-DT	1,128,198	1,123,324	9,889
35525	KQDS-TV	304,935	301,439	2,654
35500	KQED	8,195,398	7,283,828	64,120
35663	KQEH	8,195,398	7,283,828	64,120
8214	KQET	2,981,040	2,076,157	18,276
5471	KQIN	596,371	596,277	5,249
17686	KQME	188,783	184,719	1,626
61063	KQSD-TV	32,526	31,328	276
8378	KQSL	196,316	139,439	1,227
20427	KQTV	1,494,987	1,401,160	12,334
78921	KQUP	697,016	551,824	4,858
306	KRBC-TV	229,395	229,277	2,018
166319	KRBK	983,888	966,187	8,505
22161	KRCA	17,540,791	16,957,292	149,275
57945	KRCB	8,783,441	8,503,802	74,859
41110	KRCG	684,989	662,418	5,831
8291	KRCR-TV	423,000	402,594	3,544
10192	KRCW-TV	2,966,912	2,842,523	25,023
49134	KRDK-TV	349,941	349,929	3,080
52579	KRDO-TV	2,622,603	2,272,383	20,004
70578	KREG-TV	149,306	95,141	838
34868	KREM	817,619	752,113	6,621
51493	KREN-TV	810,039	681,212	5,997
70596	KREX-TV	145,700	145,606	1,282
70579	KREY-TV	74,963	65,700	578
48589	KREZ-TV	148,079	105,121	925
43328	KRGV-TV	1,247,057	1,247,029	10,978
82698	KRII	133,840	132,912	1,170
29114	KRIN	949,313	923,735	8,132
25559	KRIS-TV	565,052	563,805	4,963
22204	KRIV	6,078,936	6,078,846	53,512
14040	KRMA-TV	3,722,512	3,564,949	31,382
14042	KRMJ	174,094	159,511	1,404
20476	KRMT	2,956,144	2,864,236	25,214
84224	KRMU	85,274	72,499	638
20373	KRMZ	36,293	33,620	296
47971	KRNE-TV	47,473	38,273	337
60307	KRNV-DT	955,490	792,543	6,977
65526	KRON-TV	8,573,167	8,028,256	70,673
53539	KRPV-DT	65,943	65,943	580
48575	KRQE	1,135,461	1,105,093	9,728
57431	KRSU-TV	1,000,289	998,310	8,788
82613	KRTN-TV	84,231	68,550	603
35567	KRTV	92,645	90,849	800
84157	KRWB-TV	111,538	110,979	977
35585	KRWF	85,596	85,596	754
55516	KRWG-TV	894,492	661,703	5,825
48360	KRXI-TV	725,391	548,865	4,832
307	KSAN-TV	135,063	135,051	1,189
11911	KSAS-TV	752,513	752,504	6,624
53118	KSAT-TV	2,539,658	2,502,246	22,027
35584	KSAX	365,209	365,209	3,215
35587	KSAX-TV	4,203,126	4,178,448	36,783
38214	KSBI	1,577,231	1,575,865	13,872
19653	KSBW	5,083,461	4,429,165	38,990
19654	KSBY	535,029	495,562	4,362
82910	KSCC	517,740	517,740	4,558
10202	KSCF	1,015,148	1,010,581	8,896
35608	KSCI	17,446,133	16,461,581	144,911
72348	KSCW-DT	915,691	910,511	8,015

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
46981	KSDK	2,986,776	2,979,047	26,225
35594	KSEE	1,761,193	1,746,282	15,373
48658	KSFY-TV	670,536	607,844	5,351
17680	KSGW-TV	62,178	57,629	507
59444	KSHB-TV	2,432,205	2,431,273	21,402
73706	KSHV-TV	943,947	942,978	8,301
29096	KSIN-TV	340,143	338,811	2,983
34846	KSIX-TV	74,884	74,884	659
35606	KSKN	731,818	643,590	5,666
70482	KSLA	1,017,556	1,016,667	8,950
6359	KSL-TV	2,390,742	2,206,920	19,428
71558	KSMN	320,813	320,808	2,824
33336	KSMO-TV	2,401,201	2,398,686	21,116
28510	KSMQ-TV	524,391	507,983	4,472
35611	KSMS-TV	1,589,263	882,948	7,773
21161	KSNB-TV	658,560	656,650	5,780
72359	KSNC	174,135	173,744	1,529
67766	KSNF	621,919	617,868	5,439
72361	KSNG	145,058	144,822	1,275
72362	KSNK	48,715	45,414	400
67335	KSNT	622,818	594,604	5,234
10179	KSNV	1,967,781	1,919,296	16,896
72358	KSNW	791,403	791,127	6,964
61956	KSPS-TV	819,101	769,852	6,777
52953	KSPX-TV	7,078,228	5,275,946	46,444
166546	KSOA	382,328	374,290	3,295
53313	KSRE	75,181	75,181	662
35843	KSTC-TV	3,843,788	3,835,674	33,765
63182	KSTF	51,317	51,122	450
28010	KSTP-TV	3,788,898	3,782,053	33,293
60534	KSTR-DT	6,632,577	6,629,296	58,358
64987	KSTS	8,363,473	7,264,852	63,952
22215	KSTU	2,384,996	2,201,716	19,382
23428	KSTW	4,265,956	4,186,266	36,852
5243	KSVI	175,390	173,667	1,529
58827	KSWB-TV	3,677,190	3,488,655	30,711
60683	KSWK	79,012	78,784	694
35645	KSWO-TV	483,132	458,057	4,032
61350	KSYS	519,209	443,204	3,902
59988	KTAB-TV	274,707	274,536	2,417
999	KTAJ-TV	2,343,843	2,343,227	20,627
35648	KTAL-TV	1,094,332	1,092,958	9,621
12930	KTAS	471,882	464,149	4,086
81458	KTAS	4,182,503	4,160,481	36,625
35649	KTBC	3,242,215	2,956,614	26,027
67884	KTBN-TV	17,795,677	16,510,302	145,340
67999	KTBO-TV	1,585,283	1,583,664	13,941
35652	KTBS-TV	1,163,228	1,159,665	10,209
28324	KTBU	6,035,927	6,035,725	53,132
67950	KTBW-TV	4,202,104	4,108,031	36,163
35655	KTBY	348,080	346,562	3,051
68594	KTCA-TV	3,693,877	3,684,081	32,431
68597	KTCT-TV	3,606,606	3,597,183	31,666
35187	KTCW	103,341	89,207	785
36916	KTDO	1,015,336	1,010,771	8,898
2769	KTEJ	419,750	417,368	3,674
83707	KTEL-TV	52,878	52,875	465
35666	KTEN	602,788	599,778	5,280
24514	KTFD-TV	3,210,669	3,172,543	27,928
35512	KTFF-DT	2,225,169	2,203,398	19,397
20871	KTFK-DT	6,969,307	5,211,719	45,879
68753	KTFN	1,017,335	1,013,157	8,919
35084	KTFQ-TV	1,151,433	1,117,061	9,833
29232	KTGM	159,358	159,091	1,400
2787	KTHV	1,275,053	1,246,348	10,972
29100	KTIN	281,096	279,385	2,459
66170	KTIV	751,089	746,274	6,569
49397	KTKA-TV	759,369	746,370	6,570
35670	KTLA	18,156,910	16,870,262	148,509
62354	KTLM	1,044,526	1,044,509	9,195
49153	KTLN-TV	5,381,955	4,740,894	41,734

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
64984	KTMD	6,095,741	6,095,606	53,660
14675	KTMF	187,251	168,526	1,484
10177	KTMW	2,261,671	2,144,791	18,881
21533	KTNC-TV	8,270,858	7,381,656	64,981
47996	KTNE-TV	100,341	95,324	839
60519	KTNL-TV	8,642	8,642	76
74100	KTNV-TV	2,094,506	1,936,752	17,049
71023	KTNW	450,926	432,398	3,806
8651	KTOO-TV	31,269	31,176	274
7078	KTPX-TV	1,066,196	1,063,754	9,364
68541	KTRE	441,879	421,406	3,710
35675	KTRK-TV	6,114,259	6,112,870	53,812
28230	KTRV-TV	714,833	707,557	6,229
69170	KTSC	3,124,536	2,949,795	25,967
61066	KTSD-TV	83,645	82,828	729
37511	KTSF	7,959,349	7,129,638	62,762
67760	KTSM-TV	1,015,348	1,011,264	8,902
35678	KTTC	815,213	731,919	6,443
28501	KTTM	76,133	73,664	648
11908	KTTU	1,324,801	1,060,613	9,337
22208	KTTV	17,380,551	16,693,085	146,949
28521	KTTW	329,633	326,405	2,873
65355	KTTZ-TV	380,240	380,225	3,347
35685	KTUL	1,416,959	1,388,183	12,220
10173	KTUU-TV	380,240	379,047	3,337
77480	KTUZ-TV	1,668,531	1,666,026	14,666
49632	KTVA	342,517	342,300	3,013
34858	KTVB	714,865	707,882	6,231
31437	KTVC	137,239	100,204	882
68581	KTVD	3,800,970	3,547,607	31,230
35692	KTVE	641,139	640,201	5,636
49621	KTVF	98,068	97,929	862
5290	KTVH-DT	228,832	184,264	1,622
35693	KTVI	2,995,764	2,991,513	26,334
40993	KTVK	4,184,825	4,173,028	36,735
22570	KTVL	419,849	369,469	3,252
18066	KTVM-TV	260,105	217,694	1,916
59139	KTVN	955,490	800,420	7,046
21251	KTVO	227,128	226,616	1,995
35694	KTVQ	179,797	173,271	1,525
50592	KTVR	147,808	54,480	480
23422	KTVT	6,912,366	6,908,715	60,817
35703	KTVU	8,297,634	7,406,751	65,202
35705	KTVW-DT	4,174,310	4,160,877	36,628
68889	KTVX	2,389,392	2,200,520	19,371
55907	KTVZ	201,828	198,558	1,748
18286	KTWO-TV	80,426	79,905	703
70938	KTWU	1,703,798	1,562,305	13,753
51517	KTXA	6,915,461	6,911,822	60,845
42359	KTXD-TV	6,706,651	6,704,781	59,022
51569	KTXH	6,092,710	6,092,525	53,632
10205	KTXL	8,306,449	5,896,320	51,905
308	KTXS-TV	247,603	246,760	2,172
69315	KUAC-TV	98,717	98,189	864
51233	KUAM-TV	159,358	159,358	1,403
2722	KUAS-TV	994,802	977,391	8,604
2731	KUAT-TV	1,485,024	1,253,342	11,033
60520	KUBD	14,817	13,363	118
70492	KUBE-TV	6,090,970	6,090,817	53,617
1136	KUCW	2,388,889	2,199,787	19,365
69396	KUED	2,388,995	2,203,093	19,394
69582	KUEN	2,364,481	2,184,483	19,230
82576	KUES	30,925	25,978	229
82585	KUEW	132,168	120,411	1,060
66611	KUFM-TV	187,680	166,697	1,467
169028	KUGF-TV	86,622	85,986	757
68717	KUHM-TV	154,836	145,241	1,279
69269	KUHT	6,080,222	6,078,866	53,512
62382	KUID-TV	432,855	284,023	2,500
169027	KUKL-TV	124,505	115,844	1,020
35724	KULR-TV	177,242	170,142	1,498

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
41429	KUMV-TV	41,607	41,224	363
81447	KUNP	130,559	43,472	383
4624	KUNS-TV	4,027,849	4,015,626	35,350
86532	KUOK	28,974	28,945	255
66589	KUON-TV	1,375,257	1,360,005	11,972
86263	KUPB	318,914	318,914	2,807
65535	KUPK	149,642	148,180	1,304
27431	KUPT	87,602	87,602	771
89714	KUPU	956,178	948,005	8,345
57884	KUPX-TV	2,374,672	2,191,229	19,289
23074	KUSA	3,802,407	3,560,546	31,343
61072	KUSD-TV	460,480	460,277	4,052
10238	KUSI-TV	3,572,818	3,435,670	30,244
43567	KUSM-TV	122,678	109,830	967
69694	KUTF	1,210,774	1,031,870	9,084
81451	KUTH-DT	2,219,788	2,027,174	17,845
68886	KUTP	4,191,015	4,176,014	36,761
35823	KUTV	2,388,625	2,199,731	19,364
63927	KUVE-DT	1,294,971	964,396	8,490
7700	KUVI-DT	1,204,490	1,009,943	8,891
35841	KUVN-DT	6,680,126	6,678,157	58,788
58609	KUVS-DT	4,043,413	4,005,657	35,262
49766	KVAL-TV	1,016,673	866,173	7,625
32621	KVAW	76,153	76,153	670
58795	KVCR-DT	18,215,524	17,467,140	153,763
35846	KVCT	288,221	287,446	2,530
10195	KVCW	1,967,550	1,918,809	16,891
64969	KVDA	2,566,563	2,548,720	22,436
19783	KVEA	17,538,249	16,335,335	143,800
12523	KVEO-TV	1,244,504	1,244,504	10,955
2495	KVEW	476,720	464,347	4,088
35852	KVHP	747,917	747,837	6,583
49832	KVIA-TV	1,015,350	1,011,266	8,902
35855	KVIE	10,759,440	7,467,369	65,735
40450	KVII-TV	91,912	91,564	806
40446	KVII-TV	379,042	378,218	3,329
61961	KVLY-TV	350,732	350,449	3,085
16729	KVMD	15,274,297	14,512,400	127,753
83825	KVME-TV	26,711	22,802	201
25735	KVOA	1,317,956	1,030,404	9,071
35862	KVOS-TV	2,202,674	2,131,652	18,765
69733	KVPT	1,744,349	1,719,318	15,135
55372	KVRR	356,645	356,645	3,140
166331	KVSN-DT	2,706,244	2,283,409	20,101
608	KVTH-DT	303,755	299,230	2,634
2784	KVTJ-DT	1,466,426	1,465,802	12,903
607	KVTN-DT	936,328	925,884	8,151
35867	KVUE	2,661,290	2,611,314	22,987
78910	KVUI	257,964	251,872	2,217
35870	KVVU-TV	2,045,255	1,935,583	17,039
36170	KVYE	396,495	392,498	3,455
35095	KWBA-TV	1,129,524	1,073,029	9,446
78314	KWBM	657,822	639,560	5,630
27425	KWBN	953,207	840,455	7,399
76268	KWBQ	1,149,598	1,107,211	9,747
66413	KWCH-DT	883,647	881,674	7,761
71549	KWCM-TV	252,284	244,033	2,148
35419	KWDK	4,194,152	4,117,852	36,249
42007	KWES-TV	424,862	423,544	3,728
50194	KWET	127,976	112,750	993
35881	KWEX-DT	2,376,463	2,370,469	20,867
35883	KWGN-TV	3,706,455	3,513,537	30,930
37099	KWHB	979,393	978,719	8,616
36846	KWHE	952,966	834,341	7,345
26231	KWHY-TV	17,736,497	17,695,306	155,772
35096	KWKB	1,121,676	1,111,629	9,786
162115	KWKS	39,708	39,323	346
12522	KWKT-TV	1,299,675	1,298,478	11,431
21162	KWNB-TV	91,093	89,332	786
67347	KWOG	512,412	505,049	4,446
56852	KWPX-TV	4,220,008	4,148,577	36,520



TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
6885	KWQC-TV	1,063,507	1,054,618	9,284
29121	KWSD	280,675	280,672	2,471
53318	KWSE	54,471	53,400	470
71024	KWSU-TV	725,554	468,295	4,122
25382	KWTV-DT	1,628,106	1,627,198	14,324
35903	KWTX-TV	2,071,023	1,972,365	17,363
593	KWWL	1,089,498	1,078,458	9,494
84410	KWWT	293,291	293,291	2,582
14674	KWYB	86,495	69,598	613
10032	KWYP-DT	128,874	126,992	1,118
35920	KXAN-TV	2,678,666	2,624,648	23,105
49330	KXAS-TV	6,774,295	6,771,827	59,612
24287	KXGN-TV	14,217	13,883	122
35954	KXII	2,323,974	2,264,951	19,938
55083	KXLA	17,929,100	16,794,896	147,845
35959	KXLF-TV	258,100	217,808	1,917
53847	KXLN-DT	6,085,891	6,085,712	53,573
35906	KXLT-TV	348,025	347,296	3,057
61978	KXLY-TV	772,116	740,960	6,523
55684	KXMA-TV	32,005	31,909	281
55686	KXMB-TV	142,755	138,506	1,219
55685	KXMC-TV	97,569	89,483	788
55683	KXMD-TV	37,962	37,917	334
47995	KXNE-TV	305,839	304,682	2,682
81593	KXNW	602,168	597,747	5,262
35991	KXRM-TV	1,843,363	1,500,689	13,211
1255	KXTF	140,746	140,312	1,235
25048	KXTV	10,759,864	7,477,140	65,821
35994	KXTX-TV	6,721,578	6,718,616	59,144
62293	KXVA	185,478	185,276	1,631
23277	KXVO	1,404,703	1,403,380	12,354
9781	KXXV	1,771,620	1,748,287	15,390
31870	KYAZ	6,038,257	6,038,071	53,153
29086	KYIN	581,748	574,691	5,059
60384	KYLE-TV	323,330	323,225	2,845
33639	KYMA-DT	396,278	391,619	3,447
47974	KYNE-TV	980,094	979,887	8,626
53820	KYOU-TV	651,334	640,935	5,642
36003	KYTV	1,095,904	1,083,524	9,538
55644	KYTX	927,327	925,550	8,148
13815	KYUR	379,943	379,027	3,337
5237	KYUS-TV	12,496	12,356	109
33752	KYVE	301,951	259,559	2,285
55762	KYVV-TV	67,201	67,201	592
25453	KYW-TV	11,212,189	11,008,413	96,907
69531	KZJL	6,037,458	6,037,272	53,146
69571	KZJO	4,147,016	4,097,776	36,073
61062	KZSD-TV	41,207	35,825	315
33079	KZTV	567,635	564,464	4,969
57292	WAAY-TV	1,498,006	1,428,197	12,572
1328	WABC-TV	20,948,273	20,560,001	180,990
4190	WABE-TV	5,308,575	5,291,523	46,581
43203	WABG-TV	393,020	392,348	3,454
17005	WABI-TV	530,773	510,729	4,496
16820	WABM	1,772,367	1,742,240	15,337
23917	WABW-TV	1,097,560	1,096,376	9,651
19199	WACH	1,403,222	1,400,385	12,328
189358	WACP	9,415,263	9,301,049	81,877
23930	WACS-TV	786,536	783,207	6,895
60018	WACX	4,292,829	4,288,149	37,749
361	WACY-TV	946,580	946,071	8,328
455	WADL	4,610,065	4,606,521	40,551
589	WAFB	1,857,882	1,857,418	16,351
591	WAFF	1,527,517	1,456,436	12,821
70689	WAGA-TV	6,000,355	5,923,191	52,142
48305	WAGM-TV	64,721	63,331	558
37809	WAGV	1,313,257	1,159,076	10,203
706	WAIQ	611,733	609,794	5,368
701	WAKA	799,637	793,645	6,986
4143	WALA-TV	1,320,419	1,318,127	11,603
70713	WALB	773,899	772,467	6,800

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
60536	WAMI-DT	5,449,193	5,449,193	47,969
70852	WAND	1,388,118	1,386,074	12,202
39270	WANE-TV	1,146,442	1,146,442	10,092
52280	WAOE	2,963,253	2,907,224	25,592
64546	WAOW	636,957	629,068	5,538
52073	WAPA-TV <sup>27</sup>	3,764,742	2,794,738	24,602
49712	WAPT	793,621	791,620	6,969
67792	WAQP	2,135,670	2,131,399	18,763
13206	WATC-DT	5,732,204	5,705,819	50,228
71082	WATE-TV	1,874,433	1,638,059	14,420
22819	WATL	5,882,837	5,819,099	51,226
20287	WATM-TV	893,989	749,183	6,595
11907	WATN-TV	1,787,595	1,784,560	15,709
13989	WAVE	1,891,797	1,880,563	16,555
71127	WAVY-TV	2,080,708	2,080,691	18,316
54938	WAWD	579,079	579,023	5,097
65247	WAWV-TV	705,790	700,361	6,165
12793	WAXN-TV	2,677,951	2,669,224	23,497
65696	WBAL-TV	9,743,335	9,344,875	82,263
74417	WBAY-TV	1,225,928	1,225,335	10,787
71085	WBBH-TV	2,017,267	2,017,267	17,758
65204	WBBJ-TV	662,148	658,839	5,800
9617	WBBM-TV	9,914,233	9,907,806	87,218
9088	WBBZ-TV	1,269,256	1,260,686	11,098
70138	WBDT	3,831,757	3,819,550	33,623
51349	WBEC-TV	5,421,355	5,421,355	47,724
10758	WBFF	8,523,983	8,381,042	73,778
12497	WBFS-TV	5,349,613	5,349,613	47,093
6568	WBGU-TV	1,343,816	1,343,816	11,830
81594	WBIF	309,707	309,707	2,726
84802	WBIH	718,439	706,994	6,224
717	WBIQ	1,563,080	1,532,266	13,489
46984	WBIR-TV	1,978,347	1,701,857	14,981
67048	WBKB-TV	136,823	130,625	1,150
34167	WBKI	2,104,090	2,085,393	18,358
4692	WBKO	963,413	862,651	7,594
76001	WBKP	55,655	55,305	487
68427	WBMM	562,284	562,123	4,948
73692	WBNA	1,699,683	1,666,248	14,668
23337	WBNG-TV	1,435,634	1,051,932	9,260
71217	WBNS-TV	2,847,721	2,784,795	24,515
72958	WBNX-TV	3,639,256	3,630,531	31,960
71218	WBOC-TV	813,888	813,888	7,165
71220	WBOY-TV	711,302	621,367	5,470
60850	WBPH-TV	10,613,847	9,474,797	83,407
7692	WBPX-TV	6,833,712	6,761,949	59,525
5981	WBRA-TV	1,726,408	1,677,204	14,764
71221	WBRC	1,884,007	1,849,135	16,278
71225	WBRE-TV	2,879,196	2,244,735	19,760
38616	WBRZ-TV	2,223,336	2,222,309	19,563
82627	WBSF	1,836,543	1,832,446	16,131
30826	WBTU	4,433,795	4,296,893	37,826
66407	WBTW	1,975,457	1,959,172	17,247
16363	WBUJ	981,884	981,868	8,643
59281	WBUP	126,472	112,603	991
60830	WBUY-TV	1,569,254	1,567,815	13,801
72971	WBXX-TV	2,142,759	1,984,544	17,470
25456	WBZ-TV	7,960,556	7,730,847	68,055
63153	WCAU	11,269,831	11,098,540	97,700
363	WCAV	1,032,270	874,886	7,702
46728	WCAX-TV	784,748	665,685	5,860
39659	WCBB	964,079	910,222	8,013
10587	WCBD-TV	1,149,489	1,149,489	10,119
12477	WCBI-TV	680,511	678,424	5,972
9610	WCBS-TV	22,087,789	21,511,236	189,363
49157	WCCB	3,642,232	3,574,928	31,470
9629	WCCO-TV	3,837,442	3,829,714	33,713
14050	WCCT-TV	5,818,471	5,307,612	46,723
69544	WCCU	694,550	693,317	6,103
3001	WCCV-TV	3,391,703	2,062,994	18,161
23937	WCES-TV	1,098,868	1,097,706	9,663

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
65666	WCET	3,123,290	3,110,519	27,382
46755	WCFE-TV	459,417	419,756	3,695
71280	WCHS-TV	1,352,824	1,274,766	11,222
42124	WCIA	834,084	833,547	7,338
711	WCIQ	3,186,320	3,016,907	26,558
71428	WCIU-TV	10,052,136	10,049,244	88,463
9015	WCIV	1,152,800	1,152,800	10,148
42116	WCIX	554,002	549,911	4,841
16993	WCJB-TV	977,492	977,492	8,605
11125	WCLF	4,097,389	4,096,624	36,063
68007	WCLJ-TV	2,305,723	2,303,534	20,278
50781	WCMH-TV	2,756,260	2,712,989	23,882
9917	WCML	233,439	224,255	1,974
9908	WCMU-TV	707,702	699,551	6,158
9922	WCMV	425,499	411,288	3,621
9913	WCMW	106,975	104,859	923
32326	WCNC-TV	3,883,049	3,809,706	33,537
53734	WCNY-TV	1,342,821	1,279,429	11,263
73642	WCOV-TV	889,102	884,417	7,786
40618	WCPB	560,426	560,426	4,933
59438	WCPQ-TV	3,330,885	3,313,654	29,170
10981	WCPX-TV	9,753,235	9,751,916	85,846
71297	WCSC-TV	1,028,018	1,028,018	9,050
39664	WCSH	1,755,325	1,548,824	13,634
69479	WCTE	612,760	541,314	4,765
18334	WCTI-TV	1,688,065	1,685,638	14,839
31590	WCTV	1,065,524	1,065,464	9,379
33081	WCTX	7,844,936	7,332,431	64,547
65684	WCVB-TV	7,780,868	7,618,496	67,066
9987	WCVE-TV	1,721,004	1,712,249	15,073
83304	WCVI-TV	50,601	50,495	445
34204	WCVN-TV	2,129,816	2,120,349	18,665
9989	WCVW	1,505,484	1,505,330	13,251
73042	WCWF	1,077,314	1,077,194	9,483
35385	WCWG	3,630,551	3,299,114	29,042
29712	WCWJ	1,661,270	1,661,132	14,623
73264	WCWN	1,909,223	1,621,751	14,276
2455	WCYB-TV	2,363,002	2,057,404	18,111
11291	WDAF-TV	2,539,581	2,537,411	22,337
21250	WDAM-TV	512,594	500,343	4,405
22129	WDAY-TV	339,239	338,856	2,983
22124	WDAZ-TV	151,720	151,659	1,335
71325	WDBB	1,792,728	1,762,643	15,517
71326	WDBD	940,665	939,489	8,270
71329	WDBJ	1,626,017	1,435,762	12,639
51567	WDCA	8,101,358	8,049,329	70,858
16530	WDCQ-TV	1,269,199	1,269,199	11,173
30576	WDCW	8,155,998	8,114,847	71,435
54385	WDEF-TV	1,730,762	1,530,403	13,472
32851	WDFX-TV	271,499	270,942	2,385
43846	WDHN	452,377	451,978	3,979
71338	WDIO-DT	341,506	327,469	2,883
714	WDIQ	663,062	620,124	5,459
53114	WDIV-TV	5,450,318	5,450,174	47,978
71427	WDJT-TV	3,267,652	3,256,507	28,667
39561	WDKA	658,699	658,277	5,795
64017	WDKY-TV	1,204,817	1,173,579	10,331
67893	WDLI-TV	4,147,298	4,114,920	36,224
72335	WDPB	596,888	596,888	5,254
83740	WDPM-DT	1,365,977	1,364,744	12,014
1283	WDPN-TV	11,594,463	11,467,616	100,949
6476	WDPX-TV	6,833,712	6,761,949	59,525
28476	WDRB	2,054,813	2,037,086	17,932
12171	WDSC-TV	3,389,559	3,389,559	29,838
17726	WDSE	330,994	316,643	2,787
71353	WDSI-TV	1,100,302	1,042,191	9,174
71357	WDSU	1,649,083	1,649,083	14,517
7908	WDTI	2,092,242	2,091,941	18,415
65690	WDTN	3,831,757	3,819,550	33,623
70592	WDTV	962,532	850,394	7,486
25045	WDVM-TV	3,074,837	2,646,508	23,297

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
4110	WDWL	2,638,361	1,977,410	17,407
49421	WEAO	3,960,217	3,945,408	34,731
71363	WEAR-TV	1,520,973	1,520,386	13,384
7893	WEAU	1,006,393	971,050	8,548
61003	WEBA-TV	641,354	632,282	5,566
19561	WECN	2,886,669	2,157,288	18,991
48666	WECT	1,156,807	1,156,807	10,183
13602	WEDH	5,328,800	4,724,167	41,587
13607	WEDN	3,451,170	2,643,344	23,269
69338	WEDQ	5,379,887	5,365,612	47,233
21808	WEDU	5,379,887	5,365,612	47,233
13594	WEDW	5,996,408	5,544,708	48,810
13595	WEDY	5,328,800	4,724,167	41,587
24801	WEEK-TV	752,596	752,539	6,625
6744	WEFS	3,380,743	3,380,743	29,761
24215	WEHT	857,558	844,070	7,430
721	WEIQ	1,055,632	1,055,193	9,289
18301	WEIU-TV	458,480	458,416	4,035
69271	WEKW-TV	1,263,049	773,108	6,806
60825	WELF-TV	1,477,691	1,387,044	12,210
26602	WELU	2,248,146	1,678,682	14,777
40761	WEMT	1,726,085	1,186,706	10,447
69237	WENH-TV	4,500,498	4,328,222	38,101
71508	WENY-TV	656,240	517,754	4,558
83946	WEPH	604,105	602,833	5,307
81508	WEPX-TV	950,012	950,012	8,363
25738	WESH	4,063,973	4,053,252	35,681
65670	WETA-TV	8,315,499	8,258,807	72,702
69944	WETK	670,087	558,842	4,919
60653	WETM-TV	870,206	770,731	6,785
18252	WETP-TV	2,167,383	1,888,574	16,625
2709	WEUX	380,569	373,680	3,290
72041	WEVV-TV	752,417	751,094	6,612
59441	WEWS-TV	4,112,984	4,078,299	35,901
72052	WEYI-TV	3,715,686	3,652,991	32,157
72054	WFAA	6,917,502	6,907,616	60,808
81669	WFBD	817,914	817,389	7,195
69532	WFDC-DT	8,155,998	8,114,847	71,435
10132	WFFF-TV	633,649	552,182	4,861
25040	WFFT-TV	1,095,429	1,095,411	9,643
11123	WFGC	3,018,351	3,018,351	26,571
6554	WFGX	1,493,866	1,493,319	13,146
13991	WFIE	743,079	740,909	6,522
715	WFIQ	546,563	544,258	4,791
64592	WFLA-TV	5,583,544	5,576,649	49,091
22211	WFLD	9,957,301	9,954,828	87,632
72060	WFLI-TV	1,294,209	1,189,897	10,475
39736	WFLX	5,740,086	5,740,086	50,530
72062	WFMJ-TV	4,328,477	3,822,691	33,651
72064	WFMY-TV	4,772,783	4,746,167	41,781
39884	WFMZ-TV	10,613,847	9,474,797	83,407
83943	WFNA	1,391,519	1,390,447	12,240
47902	WFOR-TV	5,398,266	5,398,266	47,521
11909	WFOX-TV	1,603,324	1,603,324	14,114
40626	WFPT	5,829,153	5,442,279	47,908
21245	WFPX-TV	2,637,949	2,634,141	23,188
25396	WFQX-TV	537,340	534,314	4,704
9635	WFRV-TV	1,263,353	1,256,376	11,060
53115	WFSB	4,752,788	4,370,519	38,474
6093	WFSG	364,961	364,796	3,211
21801	WFSU-TV	576,105	576,093	5,071
11913	WFTC	3,787,177	3,770,207	33,189
64588	WFTS-TV	5,236,379	5,236,287	46,095
16788	WFTT-TV	4,523,828	4,521,879	39,806
72076	WFTV	3,882,888	3,882,888	34,181
70649	WFTX-TV	1,758,172	1,758,172	15,477
60553	WFTY-DT	5,678,755	5,560,460	48,949
25395	WFUP	234,863	234,436	2,064
60555	WFUT-DT	20,362,721	19,974,644	175,837
22108	WFWA	1,035,114	1,034,862	9,110
9054	WFXB	1,393,865	1,393,510	12,267

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
3228	WFXG	1,070,032	1,057,760	9,311
70815	WFXL	793,637	785,106	6,911
19707	WFXP	583,315	562,500	4,952
24813	WFXR	1,426,061	1,286,450	11,325
6463	WFXT	7,494,070	7,400,830	65,150
22245	WFXU	218,273	218,273	1,921
43424	WFXV	702,682	612,494	5,392
25236	WFXW	274,078	270,967	2,385
41397	WFYI	2,389,627	2,388,970	21,030
53930	WGAL	6,287,688	5,610,833	49,392
2708	WGBA-TV	1,170,375	1,170,127	10,301
24314	WGBC	249,415	249,235	2,194
72099	WGBH-TV	7,711,842	7,601,732	66,918
12498	WGBO-DT	9,828,737	9,826,530	86,503
11113	WGBP-TV	1,820,589	1,812,232	15,953
72098	WGBX-TV	7,803,280	7,636,641	67,225
72096	WGBY-TV	4,470,009	3,739,675	32,920
72120	WGCL-TV	6,027,276	5,961,471	52,479
62388	WGCU	1,510,671	1,510,671	13,298
54275	WGEM-TV	361,598	356,682	3,140
27387	WGEN-TV	43,037	43,037	379
7727	WGFL	877,163	877,163	7,722
25682	WGGB-TV	3,443,386	3,053,436	26,879
11027	WGGN-TV	4,002,841	3,981,382	35,048
9064	WGGs-TV	2,759,326	2,705,067	23,813
72106	WGHP	4,174,964	4,123,106	36,296
710	WGIQ	363,849	363,806	3,203
12520	WGMB-TV	1,742,708	1,742,659	15,341
25683	WGME-TV	1,495,724	1,325,465	11,668
24618	WGNM	742,458	741,502	6,527
72119	WGNO	1,641,765	1,641,765	14,452
9762	WGNT	2,128,079	2,127,891	18,732
72115	WGN-TV	9,942,959	9,941,552	87,515
40619	WGPT	578,294	344,300	3,031
65074	WGPX-TV	2,765,350	2,754,743	24,250
64547	WGRZ	1,878,725	1,812,309	15,954
63329	WGTA	1,061,654	1,030,538	9,072
66285	WGTE-TV	2,210,496	2,208,927	19,445
59279	WGTV	95,618	92,019	810
59280	WGTV	358,543	353,477	3,112
23948	WGTV	5,989,342	5,917,966	52,096
7623	WGTW-TV	807,797	807,797	7,111
24783	WGVK	2,439,225	2,437,526	21,458
24784	WGVU-TV	1,825,744	1,784,264	15,707
21536	WGWG	986,963	986,963	8,688
56642	WGWV	1,677,166	1,647,976	14,507
58262	WGXA	779,955	779,087	6,858
73371	WHAM-TV	1,381,564	1,334,653	11,749
32327	WHAS-TV	1,955,983	1,925,901	16,954
6096	WHA-TV	1,635,777	1,628,950	14,340
13950	WHBF-TV	1,712,339	1,704,072	15,001
12521	WHBQ-TV	1,736,335	1,708,345	15,039
10894	WHBR	1,302,764	1,302,041	11,462
65128	WHDF	1,553,469	1,502,852	13,230
72145	WHDH	7,441,208	7,343,735	64,647
83929	WHDT	5,768,239	5,768,239	50,778
70041	WHEC-TV	1,322,243	1,279,606	11,264
67971	WHFT-TV	5,417,409	5,417,409	47,689
41458	WHIO-TV	3,877,520	3,868,597	34,055
713	WHIQ	1,278,174	1,225,940	10,792
61216	WHIZ-TV	911,245	840,696	7,401
65919	WHKY-TV	3,358,493	3,294,261	28,999
18780	WHLA-TV	554,446	515,561	4,538
48668	WHLT	484,432	483,532	4,257
24582	WHLV-TV	3,906,201	3,906,201	34,386
37102	WHMB-TV	2,959,585	2,889,145	25,433
61004	WHMC	774,921	774,921	6,822
36117	WHME-TV	1,455,358	1,455,110	12,809
37106	WHNO	1,499,653	1,499,653	13,201
72300	WHNS	2,549,610	2,270,868	19,990
48693	WHNT-TV	1,569,885	1,487,578	13,095

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
66221	WHO-DT	1,120,480	1,099,818	9,682
6866	WHOI	736,125	736,047	6,479
72313	WHP-TV	4,030,693	3,538,096	31,146
51980	WHPX-TV	5,579,464	5,114,336	45,021
73036	WHRM-TV	535,778	532,820	4,690
25932	WHRO-TV	2,169,238	2,169,237	19,096
68058	WHSG-TV	5,870,314	5,808,605	51,133
4688	WHSV-TV	845,013	711,912	6,267
9990	WHTJ	807,960	690,381	6,077
72326	WHTM-TV	2,829,585	2,367,000	20,837
11117	WHTN	1,914,755	1,905,733	16,776
27772	WHUT-TV	7,649,763	7,617,337	67,055
18793	WHWC-TV	1,123,941	1,091,281	9,607
72338	WHYY-TV	10,448,829	10,049,700	88,468
5360	WIAT	1,837,072	1,802,810	15,870
63160	WIBW-TV	1,234,347	1,181,009	10,396
25684	WICD	1,238,332	1,237,046	10,890
25686	WICS	1,149,358	1,147,264	10,099
24970	WICU-TV	740,115	683,435	6,016
62210	WICZ-TV	1,249,974	965,416	8,499
18410	WIDP	2,559,306	1,899,768	16,724
26025	WIFS	1,583,693	1,578,870	13,899
720	WIIQ	353,241	347,685	3,061
68939	WILL-TV	1,178,545	1,158,147	10,195
6863	WILX-TV	3,378,644	3,218,221	28,330
22093	WINK-TV	1,851,105	1,851,105	16,295
67787	WINM	1,001,485	971,031	8,548
41314	WINP-TV	2,935,057	2,883,944	25,387
3646	WIPB	1,965,353	1,965,174	17,299
48408	WIPL	850,656	799,165	7,035
53863	WIPM-TV <sup>1</sup>	2,196,157	1,554,017	2,543
53859	WIPR-TV <sup>1</sup>	3,596,802	2,811,148	24,747
10253	WIPX-TV	2,305,723	2,303,534	20,278
39887	WIRS <sup>12</sup>	1,091,825	757,978	5,281
71336	WIRT-DT	127,001	126,300	1,112
13990	WIS	2,644,715	2,600,887	22,896
65143	WISC-TV	1,734,112	1,697,537	14,943
13960	WISE-TV	1,070,155	1,070,155	9,421
39269	WISH-TV	2,912,963	2,855,253	25,135
65680	WISN-TV	3,003,636	2,997,695	26,389
73083	WITF-TV	2,412,561	2,191,501	19,292
73107	WITI	3,111,641	3,102,097	27,308
594	WITN-TV	1,861,458	1,836,905	16,170
61005	WITV	871,783	871,783	7,674
7780	WIVB-TV	1,900,503	1,820,106	16,022
11260	WIVT	855,138	613,934	5,404
60571	WIWN	3,338,845	3,323,941	29,261
62207	WIYC	639,641	637,499	5,612
73120	WJAC-TV	2,219,529	1,897,986	16,708
10259	WJAL	8,750,706	8,446,074	74,351
50780	WJAR	7,108,180	6,976,099	61,411
35576	WJAX-TV	1,630,782	1,630,782	14,356
27140	WJBF	1,601,088	1,588,444	13,983
73123	WJBK	5,748,623	5,711,224	50,276
37174	WJCL	938,086	938,086	8,258
73130	WJCT	1,618,817	1,617,292	14,237
29719	WJEB-TV	1,607,603	1,607,603	14,152
65749	WJET-TV	747,431	717,721	6,318
7651	WJFB	2,310,517	2,302,217	20,266
49699	WJFW-TV	277,530	268,295	2,362
73136	WJHG-TV	864,121	859,823	7,569
57826	WJHL-TV	2,034,663	1,462,129	12,871
68519	WJKT	655,780	655,373	5,769
1051	WJLA-TV	8,750,706	8,447,643	74,365
86537	WJLP	21,384,863	21,119,366	185,914
9630	WJMN-TV	160,991	154,424	1,359
61008	WJPM-TV	623,939	623,787	5,491
58340	WJPX <sup>6 10 12</sup>	3,254,481	2,500,195	22,009
21735	WJRT-TV	2,788,684	2,543,446	22,390
23918	WJSP-TV	4,225,860	4,188,428	36,871
41210	WJTC	1,381,529	1,379,283	12,142

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
48667	WJTV	987,206	980,717	8,633
73150	WJW	3,977,148	3,905,325	34,379
61007	WJWJ-TV	1,034,555	1,034,555	9,107
58342	WJWN-TV <sup>6</sup>	2,063,156	1,461,497	5,281
53116	WJXT	1,622,616	1,622,616	14,284
11893	WJXX	1,618,191	1,617,272	14,237
32334	WJYS	9,667,341	9,667,317	85,101
25455	WJZ-TV	9,743,335	9,350,346	82,311
73152	WJZY	4,432,745	4,301,117	37,863
64983	WKAQ-TV <sup>3</sup>	3,697,088	2,731,588	2,969
6104	WKAR-TV	1,693,373	1,689,830	14,876
34171	WKAS	542,308	512,994	4,516
51570	WKBD-TV	5,065,617	5,065,350	44,590
73153	WKBN-TV	4,898,622	4,535,576	39,927
13929	WKBS-TV	1,082,894	937,847	8,256
74424	WKBT-DT	866,325	824,795	7,261
54176	WKBW-TV	2,247,191	2,161,366	19,027
53465	WKCF	4,241,181	4,240,354	37,328
73155	WKEF	3,730,595	3,716,127	32,713
34177	WKGB-TV	413,268	411,587	3,623
34196	WKHA	511,281	400,721	3,528
34207	WKLE	856,237	846,630	7,453
34212	WKMA-TV	524,617	524,035	4,613
71293	WKMG-TV	3,817,673	3,817,673	33,607
34195	WKMJ-TV	1,477,906	1,470,645	12,946
34202	WKMR	463,316	428,462	3,772
34174	WKMU	344,430	344,050	3,029
42061	WKNO	1,645,867	1,642,092	14,455
83931	WKNX-TV	1,684,178	1,459,493	12,848
34205	WKOI-TV	584,645	579,258	5,099
67869	WKOI-TV	3,831,757	3,819,550	33,623
34211	WKON	1,080,274	1,072,320	9,440
18267	WKOP-TV	1,555,654	1,382,098	12,167
64545	WKOW	1,918,224	1,899,746	16,723
21432	WKPC-TV	1,525,919	1,517,701	13,360
65758	WKPD	283,454	282,250	2,485
34200	WKPI-TV	606,666	481,220	4,236
27504	WKPT-TV	1,131,213	887,806	7,815
58341	WKPV <sup>10</sup>	1,132,932	731,199	5,213
11289	WKRC-TV	3,281,914	3,229,223	28,427
73187	WKRK-TV	1,526,600	1,526,075	13,434
73188	WKRN-TV	2,409,767	2,388,588	21,027
34222	WKSO-TV	658,441	642,090	5,652
40902	WKTC	1,387,229	1,386,779	12,208
60654	WKTV	1,573,503	1,342,387	11,817
73195	WKYC	4,180,327	4,124,135	36,305
24914	WKYT-TV	1,174,615	1,156,978	10,185
71861	WKYU-TV	411,448	409,310	3,603
34181	WKZT-TV	1,044,532	1,020,878	8,987
18819	WLAE-TV	1,397,967	1,397,967	12,306
36533	WLAJ	4,100,475	4,063,963	35,775
2710	WLAX	469,017	447,381	3,938
68542	WLBZ	948,671	947,857	8,344
39644	WLBZ	373,129	364,346	3,207
69328	WLED-TV	332,718	174,998	1,541
63046	WLEF-TV	200,517	199,188	1,753
73203	WLEX-TV	969,481	964,735	8,493
37806	WLF3	798,916	688,519	6,061
37808	WLF3	1,614,321	1,282,063	11,286
73204	WLF3-TV	2,243,009	2,221,313	19,554
73205	WLF3	3,747,583	3,743,960	32,958
19777	WLII-DT <sup>4,8</sup>	2,801,102	2,153,564	18,958
37503	WLIO	1,067,232	1,050,170	9,245
38336	WLIW	20,027,920	19,717,729	173,575
27696	WLJC-TV	1,401,072	1,281,256	11,279
71645	WLJT-DT	385,493	385,380	3,393
53939	WLKY	1,927,997	1,919,810	16,900
11033	WLLA	2,081,693	2,081,436	18,323
17076	WLMB	2,754,484	2,747,490	24,186
68518	WLMT	1,736,552	1,733,496	15,260
22591	WLNE-TV	6,429,522	6,381,825	56,179

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
74420	WLNS-TV	4,100,475	4,063,963	35,775
73206	WLNY-TV	7,501,199	7,415,578	65,279
84253	WLOO	913,960	912,674	8,034
56537	WLOS	3,086,751	2,544,360	22,398
37732	WLOV-TV	609,526	607,780	5,350
13995	WLOX	1,182,149	1,170,659	10,305
38586	WLPB-TV	1,219,624	1,219,407	10,734
73189	WLPX-TV	1,066,912	1,022,543	9,001
66358	WLRN-TV	5,447,399	5,447,399	47,953
73226	WLS-TV	10,174,464	10,170,757	89,533
73230	WLTW-DT	5,427,398	5,427,398	47,777
37176	WLTX	1,580,677	1,578,645	13,897
37179	WLTZ	689,521	685,358	6,033
21259	WLUC-TV	92,246	85,393	752
4150	WLUK-TV	1,251,563	1,247,414	10,981
73238	WLVI	7,441,208	7,343,735	64,647
36989	WLVT-TV	10,613,847	9,474,797	83,407
3978	WLWC	3,281,532	3,150,875	27,737
46979	WLWT	3,367,381	3,355,009	29,534
54452	WLXI	4,184,851	4,166,318	36,676
55350	WLYH	2,829,585	2,367,000	20,837
43192	WMAB-TV	405,483	399,560	3,517
43170	WMAE-TV	686,076	653,173	5,750
43197	WMAH-TV	1,257,393	1,256,995	11,065
43176	WMAO-TV	369,696	369,343	3,251
47905	WMAQ-TV	9,914,395	9,913,272	87,267
59442	WMAR-TV	9,198,495	9,072,076	79,861
43184	WMAU-TV	642,328	636,504	5,603
43193	WMAV-TV	1,008,339	1,008,208	8,875
43169	WMAW-TV	726,173	715,450	6,298
46991	WMAZ-TV	1,185,678	1,136,616	10,006
66398	WMBB	935,027	914,607	8,051
43952	WMBC-TV	18,706,132	18,458,331	162,489
42121	WMBD-TV	742,729	742,660	6,538
83969	WMBF-TV	445,363	445,363	3,921
60829	WMCF-TV	612,942	609,635	5,367
9739	WMCN-TV	10,448,829	10,049,700	88,468
19184	WMC-TV	2,047,403	2,043,125	17,986
189357	WMDE	6,384,827	6,257,910	55,088
73255	WMDN	278,227	278,018	2,447
16455	WMDT	731,868	731,868	6,443
39656	WMEA-TV	902,755	853,857	7,517
39648	WMEB-TV	511,761	494,574	4,354
70537	WMEC	218,027	217,839	1,918
39649	WMED-TV	30,488	29,577	260
39662	WMEM-TV	71,700	69,981	616
41893	WMFD-TV	1,561,367	1,324,244	11,657
41436	WMFP	5,792,048	5,564,295	48,982
61111	WMGM-TV	807,797	807,797	7,111
43847	WMGT-TV	601,894	601,309	5,293
73263	WMHT	1,719,949	1,550,977	13,653
68545	WMLW-TV	1,843,933	1,843,663	16,230
53819	WMOR-TV	5,394,541	5,394,541	47,488
81503	WMOW	121,150	105,957	933
65944	WMPB	7,279,563	7,190,696	63,300
43168	WMPN-TV	856,237	854,089	7,519
65942	WMPY	8,637,742	8,584,398	75,568
60827	WMPV-TV	1,423,052	1,422,411	12,521
10221	WMSN-TV	1,947,942	1,927,158	16,965
2174	WMTJ <sup>11</sup>	3,143,148	2,365,308	20,822
6870	WMTV	1,548,616	1,545,459	13,605
73288	WMTW	1,940,292	1,658,816	14,603
23935	WMUM-TV	925,814	920,835	8,106
73292	WMUR-TV	5,242,334	5,057,770	44,524
42663	WMVS	3,172,534	3,112,231	27,397
42665	WMVT	3,172,534	3,112,231	27,397
81946	WMWC-TV	946,858	916,989	8,072
56548	WMYA-TV	1,650,798	1,571,594	13,835
74211	WMYD	5,750,989	5,750,873	50,625
20624	WMYT-TV	4,432,745	4,301,117	37,863
25544	WMYV	3,901,915	3,875,210	34,113



TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
73310	WNAB	2,176,984	2,166,809	19,074
73311	WNAC-TV	7,310,183	6,959,064	61,261
47535	WNBC	21,952,082	21,399,204	188,377
83965	WNBW-DT	1,400,631	1,396,012	12,289
72307	WNCF	667,683	665,950	5,862
50782	WNCN	3,795,494	3,783,131	33,303
57838	WNCT-TV	1,935,414	1,887,929	16,619
41674	WNDU-TV	1,863,764	1,835,398	16,157
28462	WNDY-TV	2,912,963	2,855,253	25,135
71928	WNED-TV	1,387,961	1,370,480	12,064
60931	WNEH	1,261,482	1,255,218	11,050
41221	WNEM-TV	1,475,094	1,471,908	12,957
49439	WNEO	3,353,869	3,271,369	28,798
73318	WNEP-TV	3,429,213	2,838,000	24,983
18795	WNET	21,113,760	20,615,190	181,476
51864	WNEU	7,135,190	7,067,520	62,215
23942	WNGH-TV	5,744,856	5,595,366	49,256
67802	WNIN	908,275	891,946	7,852
41671	WNIT	1,305,447	1,305,447	11,492
48457	WNJB	20,787,272	20,036,393	176,380
48477	WNJN	20,787,272	20,036,393	176,380
48481	WNJS	7,383,483	7,343,269	64,643
48465	WNJT	7,383,483	7,343,269	64,643
73333	WNJU	21,952,082	21,399,204	188,377
73336	WNJX-TV <sup>2</sup>	1,628,732	1,170,083	2,688
61217	WNKY	379,002	377,357	3,322
71905	WNLO	1,900,503	1,820,106	16,022
4318	WNMU	181,736	179,662	1,582
73344	WNNE	792,551	676,539	5,956
54280	WNOL-TV	1,632,389	1,632,389	14,370
71676	WNPB-TV	2,130,047	1,941,707	17,093
62137	WNPI-DT	167,931	161,748	1,424
41398	WNPT	2,266,543	2,235,316	19,677
28468	WNPX-TV	2,084,890	2,071,017	18,231
61009	WNSC-TV	2,431,154	2,425,044	21,348
61010	WNTV	2,419,841	2,211,019	19,464
16539	WNTZ-TV	344,704	343,849	3,027
7933	WNUV	9,098,694	8,906,508	78,404
9999	WNVC	807,960	690,381	6,077
10019	WNVT	1,721,004	1,712,249	15,073
73354	WNWO-TV	2,872,428	2,872,250	25,284
136751	WNYA	1,923,118	1,651,777	14,541
30303	WNYB	1,785,269	1,756,096	15,459
6048	WNYE-TV	19,414,613	19,180,858	168,849
34329	WNYI	1,627,542	1,338,811	11,786
67784	WNYO-TV	1,430,491	1,409,756	12,410
73363	WNYT	1,679,494	1,516,775	13,352
22206	WNYW	20,075,874	19,753,060	173,886
69618	WOAI-TV	2,525,811	2,513,887	22,130
66804	WOAY-TV	581,486	443,210	3,902
41225	WOFL	4,048,104	4,043,672	35,596
70651	WOGX	1,112,408	1,112,408	9,793
8661	WOI-DT	1,173,757	1,170,432	10,303
39746	WOIO	3,821,233	3,745,335	32,970
71725	WOLE-DT <sup>4</sup>	1,784,094	1,312,984	8,332
73375	WOLF-TV	2,990,646	2,522,858	22,209
60963	WOLO-TV	2,635,715	2,594,980	22,844
36838	WOOD-TV	2,507,053	2,501,084	22,017
67602	WOPX-TV	3,877,863	3,877,805	34,136
64865	WORA-TV <sup>3 13</sup>	3,594,115	2,762,755	24,321
73901	WORO-DT	3,243,301	2,511,742	22,111
60357	WOST	1,193,381	853,762	7,516
66185	WOSU-TV	2,843,651	2,776,901	24,445
131	WOTF-TV	3,451,383	3,451,383	30,383
10212	WOTV	2,368,797	2,368,397	20,849
50147	WOUB-TV	756,762	734,988	6,470
50141	WOUC-TV	1,713,515	1,649,853	14,524
23342	WOWK-TV	1,159,175	1,083,663	9,539
65528	WOWT	1,380,979	1,377,287	12,124
31570	WPAN	1,254,821	1,254,636	11,045
51988	WPBF	3,190,307	3,186,405	28,050

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
21253	WPBN-TV	442,005	430,953	3,794
62136	WPBS-TV	338,448	301,692	2,656
13456	WPBT	5,416,604	5,416,604	47,682
13924	WPCB-TV	2,934,614	2,800,516	24,653
64033	WPCH-TV	5,948,778	5,874,163	51,710
4354	WPCT	195,270	194,869	1,715
69880	WPCW	3,393,365	3,188,441	28,068
17012	WPDE-TV	1,772,233	1,769,553	15,577
52527	WPEC	5,764,571	5,764,571	50,746
84088	WPFO	1,329,690	1,209,873	10,651
54728	WPGA-TV	559,495	559,025	4,921
60820	WPGD-TV	2,355,629	2,343,715	20,632
73875	WPGH-TV	3,236,098	3,121,767	27,481
2942	WPGX	425,098	422,872	3,723
73879	WPHL-TV	10,421,216	10,246,856	90,203
73881	WPIX	20,638,932	20,213,158	177,936
53113	WPLG	5,587,129	5,587,129	49,183
11906	WPMI-TV	1,468,001	1,467,594	12,919
10213	WPMT	2,412,561	2,191,501	19,292
18798	WPNE-TV	1,161,295	1,160,631	10,217
73907	WPNT	3,172,170	3,064,423	26,976
28480	WPPT	10,613,847	9,474,797	83,407
51984	WPPX-TV	8,206,117	7,995,941	70,388
47404	WPRI-TV	7,254,721	6,990,606	61,538
51991	WPSD-TV	883,814	879,213	7,740
12499	WPSG	10,798,264	10,529,460	92,691
66219	WPSU-TV	1,055,133	868,013	7,641
73905	WPTA	1,099,180	1,099,180	9,676
25067	WPTD	3,423,417	3,411,727	30,033
25065	WPTO	2,961,254	2,951,883	25,985
59443	WPTV-TV	5,840,102	5,840,102	51,410
57476	WPTZ	792,551	676,539	5,956
8616	WPVI-TV	11,491,587	11,302,701	99,498
48772	WPWR-TV	9,957,301	9,954,828	87,632
51969	WPXA-TV	6,587,205	6,458,510	56,854
71236	WPXC-TV	1,561,014	1,561,014	13,742
5800	WPXD-TV	5,249,447	5,249,447	46,211
37104	WPXE-TV	3,067,071	3,057,388	26,914
48406	WPXG-TV	2,577,848	2,512,150	22,114
73312	WPXH-TV	1,471,601	1,451,634	12,779
73910	WPXI	3,300,896	3,197,864	28,151
2325	WPXJ-TV	2,357,870	2,289,706	20,156
52628	WPXK-TV	1,801,997	1,577,806	13,889
21729	WPXL-TV	1,639,180	1,639,180	14,430
48608	WPXM-TV	5,153,621	5,153,621	45,367
73356	WPXN-TV	20,878,066	20,454,468	180,061
27290	WPXP-TV	5,565,072	5,565,072	48,989
50063	WPXQ-TV	3,281,532	3,150,875	27,737
70251	WPXR-TV	1,375,640	1,200,331	10,567
40861	WPXS	2,339,305	2,251,498	19,820
53065	WPXT	1,002,128	952,535	8,385
37971	WPXU-TV	700,488	700,488	6,166
67077	WPXV-TV	1,919,794	1,919,794	16,900
74091	WPXW-TV	8,075,268	8,024,342	70,638
21726	WPXX-TV	1,562,675	1,560,834	13,740
73319	WQAD-TV	1,101,012	1,089,523	9,591
65130	WQCW	1,307,345	1,236,020	10,881
71561	WQEC	183,969	183,690	1,617
41315	WQED	3,529,305	3,426,684	30,165
3255	WQHA	3,229,803	1,875,347	16,509
60556	WQHS-DT	3,996,567	3,952,672	34,795
53716	WQLN	602,232	577,633	5,085
52075	WQMY	410,269	254,586	2,241
64550	WQOW	369,066	358,576	3,157
5468	WQPT-TV	941,381	933,107	8,214
64690	WQPX-TV	1,644,283	1,212,587	10,674
52408	WQRF-TV	1,375,774	1,354,979	11,928
2175	WQTO <sup>11</sup>	2,864,201	1,598,365	6,468
8688	WRAL-TV	3,852,675	3,848,801	33,881
10133	WRAY-TV	4,184,851	4,166,318	36,676
64611	WRAZ	3,800,594	3,797,515	33,430

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
136749	WRBJ-TV	1,030,831	1,028,010	9,050
3359	WRBL	1,493,140	1,461,459	12,865
57221	WRBU	2,933,497	2,929,776	25,791
54940	WRBW	4,080,267	4,077,341	35,893
59137	WRCB	1,587,742	1,363,582	12,004
47904	WRC-TV	8,188,601	8,146,696	71,715
54963	WRDC	3,972,477	3,966,864	34,920
55454	WRDQ	3,930,315	3,930,315	34,599
73937	WRDW-TV	1,564,584	1,533,682	13,501
66174	WREG-TV	1,642,307	1,638,585	14,424
61011	WRET-TV	2,419,841	2,211,019	19,464
73940	WREX	2,303,027	2,047,951	18,028
54443	WRFB <sup>13</sup>	2,674,527	1,975,375	2,969
73942	WRGB	1,757,575	1,645,483	14,485
411	WRGT-TV	3,451,036	3,416,078	30,072
74416	WRIC-TV	2,059,152	1,996,075	17,571
61012	WRJA-TV	1,204,291	1,201,900	10,580
412	WRLH-TV	2,017,508	1,959,111	17,246
61013	WRLK-TV	1,229,094	1,228,616	10,816
43870	WRLM	3,960,217	3,945,408	34,731
74156	WRNN-TV	19,853,836	19,615,370	172,674
73964	WROC-TV	1,203,412	1,185,203	10,433
159007	WRPT	110,009	109,937	968
20590	WRPX-TV	2,637,949	2,634,141	23,188
62009	WRSP-TV	1,156,134	1,154,040	10,159
40877	WRTV	2,919,683	2,895,164	25,486
15320	WRUA	2,905,193	2,121,362	18,674
71580	WRXY-TV	1,784,000	1,784,000	15,705
48662	WSAV-TV	1,000,315	1,000,309	8,806
6867	WSAW-TV	652,442	646,386	5,690
36912	WSAZ-TV	1,239,187	1,168,954	10,290
56092	WSBE-TV	7,535,710	7,266,304	63,965
73982	WSBK-TV	7,290,901	7,225,463	63,606
72053	WSBS-TV	42,952	42,952	378
73983	WSBT-TV	1,763,215	1,752,698	15,429
23960	WSB-TV	5,897,425	5,828,269	51,306
69446	WSCG	867,516	867,490	7,637
64971	WSCV	5,465,435	5,465,435	48,112
70536	WSEC	538,090	536,891	4,726
49711	WSEE-TV	613,176	595,476	5,242
21258	WSES	1,829,499	1,796,561	15,815
73988	WSET-TV	1,575,886	1,340,273	11,798
13993	WSFA	1,166,744	1,132,826	9,972
11118	WSFJ-TV	1,675,987	1,667,150	14,676
10203	WSFL-TV	5,344,129	5,344,129	47,044
72871	WSFX-TV	970,833	970,833	8,546
73999	WSIL-TV	672,560	669,176	5,891
4297	WSIU-TV	1,019,939	937,070	8,249
74007	WSJV	1,651,178	1,644,683	14,478
78908	WSKA	546,588	431,354	3,797
74034	WSKG-TV	892,402	633,163	5,574
76324	WSKY-TV	1,934,585	1,934,519	17,030
57840	WLS-TV	1,447,286	1,277,753	11,248
21737	WSMH	2,339,224	2,327,660	20,490
41232	WSMV-TV	2,447,769	2,404,766	21,169
70119	WSNS-TV	9,914,395	9,913,272	87,267
74070	WSOC-TV	3,706,808	3,638,832	32,033
66391	WSPA-TV	3,388,945	3,227,025	28,408
64352	WSPX-TV	1,298,295	1,174,763	10,341
17611	WSRE	1,354,495	1,353,634	11,916
63867	WSST-TV	331,907	331,601	2,919
60341	WSTE-DT	3,723,967	3,033,272	26,702
21252	WSTM-TV	1,455,586	1,379,393	12,143
11204	WSTR-TV	3,297,280	3,286,795	28,934
19776	WSUR-DT <sup>8</sup>	3,714,790	3,015,529	8,332
2370	WSVI	50,601	50,601	445
63840	WSVN	5,588,748	5,588,748	49,198
73374	WSWB	1,530,002	1,102,316	9,704
28155	WSWG	381,004	380,910	3,353
71680	WSWP-TV	902,592	694,697	6,115
74094	WSYM-TV	1,498,905	1,498,671	13,193

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
73113	WSYR-TV	1,329,977	1,243,098	10,943
40758	WSYT	1,970,721	1,739,071	15,309
56549	WSYX	2,635,937	2,592,420	22,821
65681	WTAE-TV	2,995,755	2,860,979	25,185
23341	WTAJ-TV	1,187,718	948,598	8,351
4685	WTAP-TV	512,358	494,914	4,357
416	WTAT-TV	1,111,476	1,111,476	9,784
67993	WTBY-TV	15,858,470	15,766,438	138,792
29715	WTCE-TV	2,620,599	2,620,599	23,069
65667	WTCI	1,216,209	1,104,698	9,725
67786	WTCT	608,457	607,620	5,349
28954	WTCV <sup>59</sup>	3,254,481	2,500,195	22,009
74422	WTEN	1,902,431	1,613,747	14,206
9881	WTGL	3,707,507	3,707,507	32,637
27245	WTGS	966,519	966,357	8,507
70655	WTHI-TV	928,934	886,846	7,807
70162	WTHR	2,949,339	2,901,633	25,543
147	WTIC-TV	5,318,753	4,707,697	41,442
26681	WTIN-TV <sup>7</sup>	3,714,547	2,898,224	2,688
66536	WTIU	1,570,257	1,569,135	13,813
1002	WTJP-TV	1,947,743	1,907,300	16,790
4593	WTJR	334,527	334,221	2,942
70287	WTJX-TV	135,017	121,498	1,070
47401	WTKR	2,149,376	2,149,375	18,921
82735	WTLF	349,696	349,691	3,078
23486	WTLH	1,065,127	1,065,105	9,376
67781	WTLJ	1,622,365	1,621,227	14,272
65046	WTLV	1,757,600	1,739,021	15,309
1222	WTLW	1,646,714	1,644,206	14,474
74098	WTMJ-TV	3,096,406	3,085,983	27,166
74109	WTNH	7,845,782	7,332,431	64,547
19200	WTNZ	1,699,427	1,513,754	13,326
590	WTOC-TV	993,098	992,658	8,738
74112	WTOG	5,268,364	5,267,177	46,367
4686	WTOK-TV	417,919	412,276	3,629
13992	WTOL	4,184,020	4,174,198	36,745
21254	WTOM-TV	120,369	117,121	1,031
74122	WTOV-TV	3,892,886	3,619,899	31,866
82574	WTPC-TV	2,049,246	2,042,851	17,983
86496	WTPX-TV	255,972	255,791	2,252
6869	WTRF-TV	2,941,511	2,565,375	22,583
67798	WTSF	922,441	851,465	7,495
11290	WTSP	5,506,869	5,489,954	48,328
4108	WTTA	5,583,544	5,576,649	49,091
74137	WTTE	2,690,341	2,650,354	23,331
22207	WTTG	8,101,358	8,049,329	70,858
56526	WTTK	2,844,384	2,825,807	24,876
74138	WTTQ	1,877,570	1,844,214	16,235
56523	WTTV	2,522,077	2,518,133	22,167
10802	WTTW	9,729,982	9,729,634	85,650
74148	WTVB	823,492	810,123	7,132
22590	WTVG	1,579,628	1,366,976	12,033
8617	WTVB	3,790,354	3,775,757	33,238
55305	WTVB	5,156,905	5,152,997	45,362
36504	WTVF	2,384,622	2,367,601	20,842
74150	WTVG	4,405,350	4,397,113	38,708
74151	WTVH	1,390,502	1,327,319	11,684
10645	WTVI	2,856,703	2,829,960	24,912
63154	WTVJ	5,458,451	5,458,451	48,051
595	WTVM	1,498,667	1,405,957	12,377
72945	WTVQ	1,409,708	1,398,825	12,314
28311	WTVR	678,884	678,539	5,973
51597	WTVQ-DT	989,786	983,552	8,658
57832	WTVR-TV	1,816,197	1,809,035	15,925
16817	WTVS	5,511,091	5,510,837	48,512
68569	WTVT	5,473,148	5,460,179	48,066
3661	WTVW	839,003	834,187	7,343
35575	WTVX	3,157,609	3,157,609	27,796
4152	WTVY	974,532	971,173	8,549
40759	WTVZ-TV	2,156,534	2,156,346	18,982
66908	WTWC-TV	1,061,101	1,061,079	9,341

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
20426	WTWO	737,341	731,294	6,438
81692	WTWV	1,527,511	1,526,625	13,439
51568	WTFX-TV	10,784,256	10,492,549	92,366
41065	WTXL-TV	1,054,514	1,054,322	9,281
8532	WUAB	3,821,233	3,745,335	32,970
12855	WUCF-TV	3,707,507	3,707,507	32,637
36395	WUCW	3,664,480	3,657,236	32,195
69440	WUFT	1,372,142	1,372,142	12,079
413	WUHF	1,152,580	1,147,972	10,106
8156	WUJA	2,638,361	1,977,410	17,407
69080	WUNC-TV	4,184,851	4,166,318	36,676
69292	WUND-TV	1,504,532	1,504,532	13,244
69114	WUNE-TV	3,146,865	2,625,942	23,116
69300	WUNF-TV	2,625,583	2,331,723	20,526
69124	WUNG-TV	3,605,143	3,588,220	31,587
60551	WUNI	7,209,571	7,084,349	62,364
69332	WUNJ-TV	1,116,458	1,116,458	9,828
69149	WUNK-TV	1,991,039	1,985,696	17,480
69360	WUNL-TV	3,055,263	2,834,274	24,950
69444	WUNM-TV	1,357,346	1,357,346	11,949
69397	WUNP-TV	1,402,186	1,393,524	12,267
69416	WUNU	1,202,495	1,201,481	10,577
83822	WUNW	1,109,237	570,072	5,018
6900	WUPA	5,966,454	5,888,379	51,835
13938	WUPL	1,721,320	1,721,320	15,153
10897	WUPV	1,933,664	1,914,643	16,855
19190	WUPW	2,100,914	2,099,572	18,483
23128	WUPX-TV	1,102,435	1,089,118	9,588
65593	WUSA	8,750,706	8,446,074	74,351
4301	WUSI-TV	339,507	339,507	2,989
60552	WUTB	8,523,983	8,381,042	73,778
30577	WUTF-TV	7,918,927	7,709,189	67,864
57837	WUTR	526,114	481,957	4,243
415	WUTV	1,589,376	1,557,474	13,710
16517	WUVC-DT	3,768,817	3,748,841	33,001
48813	WUVG-DT	6,029,495	5,965,975	52,518
3072	WUVN	1,233,568	1,157,140	10,186
60560	WUVP-DT	10,421,216	10,246,856	90,203
9971	WUXP-TV	2,316,872	2,305,293	20,293
417	WVAH-TV	1,373,555	1,295,383	11,403
23947	WVAN-TV	1,026,862	1,025,950	9,031
65387	WVBT	1,885,169	1,885,169	16,595
72342	WVCY-TV	3,111,641	3,102,097	27,308
60559	WVEA-TV	4,553,004	4,552,113	40,072
74167	WVEC	2,098,679	2,092,868	18,424
5802	WVEN-TV	3,921,016	3,919,361	34,502
61573	WVEO <sup>5</sup>	1,091,825	757,978	5,281
69946	WVER	888,756	758,441	6,677
10976	WVFX	731,193	609,763	5,368
47929	WVIA-TV	3,429,213	2,838,000	24,983
3667	WVII-TV	368,022	346,874	3,054
70309	WVIR-TV	1,945,637	1,908,395	16,800
74170	WVIT	5,846,093	5,357,639	47,163
18753	WVIZ	3,695,223	3,689,173	32,476
70021	WVLA-TV	1,897,179	1,897,007	16,699
81750	WVLR	1,412,728	1,300,554	11,449
35908	WVLT-TV	1,888,607	1,633,633	14,381
74169	WVNS-TV	916,451	588,963	5,185
11259	WVNY	742,579	659,270	5,804
29000	WVOZ-TV <sup>9</sup>	1,132,932	731,199	5,281
71657	WVPB-TV	992,798	959,526	8,447
60111	WVPT	767,268	642,173	5,653
70491	WVPX-TV	4,147,298	4,114,920	36,224
66378	WVPY	756,696	632,649	5,569
67190	WVSN	2,948,832	2,137,333	18,815
69943	WVTA	888,756	758,441	6,677
69940	WVTB	455,880	257,445	2,266
74173	WVTM-TV	2,009,346	1,940,153	17,079
74174	WVTV	3,091,132	3,083,108	27,141
77496	WVUA	2,209,921	2,160,101	19,015
4149	WVUE-DT	1,658,125	1,658,125	14,596

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
4329	WVUT	273,293	273,215	2,405
74176	WVVA	1,037,632	722,666	6,362
3113	WVXF	85,191	78,556	692
12033	WWAY	1,208,625	1,208,625	10,640
30833	WWBT	1,924,502	1,892,842	16,663
20295	WWCP-TV	2,811,278	2,548,691	22,436
24812	WWCW	1,390,985	1,212,308	10,672
23671	WWDP	5,792,048	5,564,295	48,982
21158	WWHO	2,762,344	2,721,504	23,957
14682	WWJE-DT	7,209,571	7,084,349	62,364
72123	WWJ-TV	5,562,031	5,561,777	48,960
166512	WWJX	518,866	518,846	4,567
6868	WWLP	3,838,272	3,077,800	27,094
74192	WWL-TV	1,788,624	1,788,624	15,745
3133	WWMB	1,547,974	1,544,778	13,599
74195	WWMT	2,538,485	2,531,309	22,283
68851	WWNY-TV	375,600	346,623	3,051
74197	WWOR-TV	19,853,836	19,615,370	172,674
65943	WWPB	3,197,858	2,775,966	24,437
23264	WWPX-TV	2,299,441	2,231,612	19,645
68547	WWRS-TV	2,324,155	2,321,066	20,432
61251	WWSB	3,340,133	3,340,133	29,403
23142	WWSI	11,269,831	11,098,540	97,700
16747	WWTI	196,531	190,097	1,673
998	WWTO-TV	5,613,737	5,613,737	49,418
26994	WWTV	1,034,174	1,022,322	9,000
84214	WWTW	1,527,511	1,526,625	13,439
26993	WWUP-TV	116,638	110,592	974
23338	WXBU	4,030,693	3,538,096	31,146
61504	WXCW	1,749,847	1,749,847	15,404
61084	WXEL-TV	5,416,604	5,416,604	47,682
60539	WXFT-DT	10,174,464	10,170,757	89,533
23929	WXGA-TV	608,494	606,849	5,342
51163	WXIA-TV	6,179,680	6,035,625	53,132
53921	WXII-TV	3,630,551	3,299,114	29,042
146	WXIN	2,836,532	2,814,815	24,779
39738	WXIX-TV	2,911,054	2,900,875	25,536
414	WXLV-TV	4,364,244	4,334,365	38,155
68433	WXMI	1,988,970	1,988,589	17,506
64549	WXOW	425,378	413,264	3,638
6601	WXPX-TV	4,594,588	4,592,639	40,429
74215	WXTV-DT	20,362,721	19,974,644	175,837
12472	WXTX	699,095	694,837	6,117
11970	WXXA-TV	1,680,670	1,537,868	13,538
57274	WXXI-TV	1,184,860	1,168,696	10,288
53517	WXXV-TV	1,191,123	1,189,584	10,472
10267	WXYZ-TV	5,622,543	5,622,140	49,492
12279	WYCC	9,729,982	9,729,634	85,650
77515	WYCI	35,873	26,508	233
70149	WYCW	3,388,945	3,227,025	28,408
62219	WYDC	560,266	449,486	3,957
18783	WYDN	2,577,848	2,512,150	22,114
35582	WYDO	1,330,728	1,330,728	11,714
25090	WYES-TV	1,872,245	1,872,059	16,480
53905	WYFF	2,626,363	2,416,551	21,273
49803	WYIN	6,956,141	6,956,141	61,235
24915	WYMT-TV	1,180,276	863,881	7,605
17010	WYOU	2,879,196	2,226,883	19,603
77789	WYOW	91,839	91,311	804
13933	WYPX-TV	1,529,500	1,413,583	12,444
4693	WYTV	4,898,622	4,535,576	39,927
5875	WYZZ-TV	1,042,140	1,036,721	9,126
15507	WZBJ	1,626,017	1,435,762	12,639
28119	WZDX	1,596,771	1,514,654	13,333
70493	WZME	5,996,408	5,544,708	48,810
81448	WZMQ	73,423	72,945	642
71871	WZPX-TV	2,039,157	2,039,157	17,951
136750	WZRB	952,279	951,693	8,378
418	WZTV	2,312,658	2,301,187	20,257
83270	WZVI	76,992	75,863	668
19183	WZVN-TV	1,981,488	1,981,488	17,443

TABLE 7—FY 2022 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN—Continued

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
49713 .....	WZZM .....	1,574,546	1,548,835	13,634

- <sup>1</sup> Call signs WIPM and WIPR are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>2</sup> Call signs WNJX and WAPA are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>3</sup> Call signs WKAQ and WORA are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>4</sup> Call signs WOLE and WLII are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>5</sup> Call signs WVEO and WTCV are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>6</sup> Call signs WJPX and WJWN are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>7</sup> Call signs WAPA and WTIN are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>8</sup> Call signs WSUR and WLII are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>9</sup> Call signs WVOZ and WTCV are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>10</sup> Call signs WJPX and WKPV are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>11</sup> Call signs WMTJ and WQTO are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>12</sup> Call signs WIRS and WJPX are stations in Puerto Rico that are linked together with a total fee of \$27,290.
- <sup>13</sup> Call signs WRFB and WORA are stations in Puerto Rico that are linked together with a total fee of \$27,290.

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.

TABLE 8—FY 2021 SCHEDULE OF REGULATORY FEES

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.
	See Table 7 for fee amounts due, also available at <a href="https://www.fcc.gov/licensing-databases/fees/regulatory-fees">https://www.fcc.gov/licensing-databases/fees/regulatory-fees</a> .
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 52.101(f)) .....	.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.

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

## FY 2021 RADIO STATION REGULATORY FEES—Continued

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
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
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

## VI. Initial Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA) the Commission prepared this Initial Regulatory Flexibility Analysis (IRFA) of the possible significant economic impact on small entities by the policies and rules proposed in the *NPRM*. Written comments are requested on this IRFA. Comments must be identified as responses to the IRFA and must be filed by the deadline for comments on the *NPRM*. The Commission will send a copy of the *NPRM*, including the IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA). In addition, the *NPRM* and IRFA (or summaries thereof) will be published in the **Federal Register**.

### A. Need for, and Objectives of, the Proposed Rules

2. The Commission is required by Congress to assess regulatory fees each year in an amount that can reasonably be expected to equal the amount of its annual appropriation. For fiscal year (FY) 2022, the Commission must recover \$381,950,000, as set forth in the FY 2022 Appropriations Act. The objective of the *NPRM* is to propose the regulatory fees to be paid by the regulatory fee payors in the Commission's core bureaus (Media Bureau, Wireless Telecommunications Bureau, Wireline Competition Bureau, and International Bureau) by the end of the fiscal year for FY 2022 equal to the full amount of the annual appropriation, and to seek comment on the proposed fees. Accordingly, in the *NPRM*, we seek comment on the Commission's historic methodology for calculating regulatory

fees as required by section 9 of the Communications Act of 1934, as amended (Communications Act), and on the schedule of FY 2022 regulatory fees as set forth in Tables 2 and 3 of the *NPRM*. We also seek comment on several other issues related to the collection of regulatory fees: (i) continuing to use our methodology for calculating television broadcaster regulatory fees based on population by station contour; (ii) the proposed regulatory fee rates for the categories of small satellite, "NGSO—less complex," and "NGSO—Other" space stations; (iii) calculating the costs of collection of regulatory fees in establishing the annual de minimis threshold; and (iv) how our proposals may promote or inhibit advances in diversity, equity, inclusion, and accessibility.

### B. Legal Basis

3. This action, including publication of proposed rules, is authorized under sections (4)(i) and (j), 159, 159A, and 303(r) of the Communications Act of 1934, as amended.

### C. Description and Estimate of the Number of Small Entities to Which the Proposed Rules Will Apply

4. The RFA directs agencies to provide a description of, and where feasible, an estimate of the number of small entities that may be affected by the proposed rules and policies, if adopted. 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.

5. *Small Businesses, Small Organizations, Small Governmental Jurisdictions.* Our actions, over time, may affect small entities that are not easily categorized at present. We therefore describe 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.

6. Next, the type of small entity described as a "small organization" is generally "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field." 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.

7. Finally, the small entity described as a "small governmental jurisdiction" is defined generally as "governments of cities, counties, towns, townships, villages, school districts, or special



districts, with a population of less than fifty thousand.” 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 500 governmental jurisdictions.”

**8. 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 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. Wired Telecommunications Carriers are also referred to as wireline carriers or fixed local service providers.

9. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small. U.S. Census Bureau data for 2017 shows that there were 3,054 firms that operated in this industry for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 5,183 providers that reported they were engaged in the provision of fixed local services. Of these providers, the Commission estimates that 4,737 providers have 1,500 or fewer employees. Consequently, using the SBA’s small business size standard, most of these providers can be considered small entities.

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. Providers of these services include both incumbent and competitive local exchange service providers. Wired Telecommunications Carriers is the closest industry with a SBA small business size standard. Wired Telecommunications Carriers are also referred to as wireline carriers or fixed local service providers. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small. U.S. Census Bureau data for 2017 shows that there were 3,054 firms that operated in this industry for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 5,183 providers that reported they were fixed local exchange service providers. Of these providers, the Commission estimates that 4,737 providers have 1,500 or fewer employees. Consequently, using the SBA’s small business size standard, most of these providers can be considered small entities.

11. *Incumbent Local Exchange Carriers (Incumbent LECs).* Neither the Commission nor the SBA have developed a small business size standard specifically for incumbent local exchange carriers. Wired Telecommunications Carriers is the closest industry with an SBA small business size standard. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small. U.S. Census Bureau data for 2017 shows that there were 3,054 firms in this industry that operated for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 1,227 providers that reported they were incumbent local exchange service providers. Of these providers, the Commission estimates that 929 providers have 1,500 or fewer employees. Consequently, using the SBA’s small business size standard, the Commission estimates that the majority of incumbent local exchange carriers can be considered small entities.

12. *Competitive Local Exchange Carriers (LECs).* Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to local exchange services. Providers of these services include several types of competitive local exchange service providers. Wired

Telecommunications Carriers is the closest industry with an SBA small business size standard. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small. U.S. Census Bureau data for 2017 shows that there were 3,054 firms that operated in this industry for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 3,956 providers that reported they were competitive local exchange service providers. Of these providers, the Commission estimates that 3,808 providers have 1,500 or fewer employees. Consequently, using the SBA’s small business size standard, most of these providers can be considered small entities.

13. *Interexchange Carriers (IXCs).* Neither the Commission nor the SBA have developed a small business size standard specifically for Interexchange Carriers. Wired Telecommunications Carriers is the closest industry with an SBA small business size standard. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small. U.S. Census Bureau data for 2017 shows that there were 3,054 firms that operated in this industry for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 151 providers that reported they were engaged in the provision of interexchange services. Of these providers, the Commission estimates that 131 providers have 1,500 or fewer employees. Consequently, using the SBA’s small business size standard, the Commission estimates that the majority of providers in this industry can be considered 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. Telecommunications Resellers is the closest industry with an SBA small business size standard. 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. The SBA small business size standard for Telecommunications Resellers classifies a business as small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2017 shows that 1,386 firms in this industry provided resale services for the entire year. Of that number, 1,375 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 58 providers that reported they were engaged in the provision of payphone services. Of these providers, the Commission estimates that 57 providers have 1,500 or fewer employees. Consequently, using the SBA's small business size standard, most of these providers can be considered small entities.

15. *Local Resellers.* Neither the Commission nor the SBA have developed a small business size standard specifically for Local Resellers. Telecommunications Resellers is the closest industry with an SBA small business size standard. 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. The SBA small business size standard for Telecommunications Resellers classifies a business as small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2017 shows that 1,386 firms in this industry provided resale services for the entire year. Of that number, 1,375 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 293 providers that reported they were engaged in the provision of local resale services. Of these providers, the Commission estimates that 289 providers have 1,500 or fewer employees. Consequently, using the SBA's small business size standard, most of these providers can be considered small entities.

16. *Toll Resellers.* Neither the Commission nor the SBA have

developed a small business size standard specifically for Toll Resellers. Telecommunications Resellers is the closest industry with an SBA small business size standard. 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. The SBA small business size standard for Telecommunications Resellers classifies a business as small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2017 shows that 1,386 firms in this industry provided resale services for the entire year. Of that number, 1,375 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 518 providers that reported they were engaged in the provision of toll services. Of these providers, the Commission estimates that 495 providers have 1,500 or fewer employees. Consequently, using the SBA's small business size standard, most of these providers can be considered small entities.

17. *Other Toll Carriers.* Neither the Commission nor the SBA has developed a definition 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. Wired Telecommunications Carriers is the closest industry with an SBA small business size standard. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small. U.S. Census Bureau data for 2017 shows that there were 3,054 firms in this industry that operated for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 115 providers that reported they were engaged in the provision of other toll services. Of these providers, the Commission estimates that 113

providers have 1,500 or fewer employees. Consequently, using the SBA's small business size standard, most of these providers can be considered 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 SBA size standard for this industry classifies a business as small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2017 shows that there were 2,893 firms in this industry that operated for the entire year. Of that number, 2,837 firms employed fewer than 250 employees. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 797 providers that reported they were engaged in the provision of wireless services. Of these providers, the Commission estimates that 715 providers have 1,500 or fewer employees. Consequently, using the SBA's small business size standard, most of these providers can be considered small entities.

19. *Television Broadcasting.* This industry is comprised of "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 small business size standard for this industry classifies businesses having \$41.5 million or less in annual receipts as small. The 2017 U.S. Census Bureau data indicates that 744 firms in this industry operated for the entire year. Of that number, 657 firms had revenue of less than \$25,000,000. Based on this data we estimate that the majority of television broadcasters are small entities under the SBA small business size standard.

20. The Commission estimates that as of September 2021, there were 1,374 licensed commercial television stations, 384 licensed noncommercial educational (NCE) television stations,

2,276 low power television stations, including Class A stations (LPTV) and 3,106 TV translator stations. The Commission however does not compile, and otherwise does not have access to financial information for these television broadcast stations that would permit it to determine how many of these stations qualify as small entities under the SBA small business size standard. Nevertheless, given the SBA's large annual receipts threshold for this industry and the nature of television station licensees, we presume that all of these entities qualify as small entities under the above SBA small business size standard.

21. *Radio Stations.* This industry is comprised of "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 small business size standard for this industry classifies firms having \$41.5 million or less in annual receipts as small. U.S. Census Bureau data for 2017 shows that 2,963 firms operated in this industry during that year. Of this number, 1,879 firms operated with revenue of less than \$25 million per year. Based on this data and the SBA's small business size standard, we estimate a majority of such entities are small entities.

22. The Commission estimates that as of September 2021, there were 4,519 licensed commercial AM radio stations, 6,682 licensed commercial FM radio stations and 4,211 licensed noncommercial (NCE) FM radio stations. The Commission however does not compile, and otherwise does not have access to financial information for these radio stations that would permit it to determine how many of these stations qualify as small entities under the SBA small business size standard. Nevertheless, given the SBA's large annual receipts threshold for this industry and the nature of radio station licensees, we presume that all of these entities qualify as small entities under the above SBA small business size standard.

23. *Cable Companies and Systems (Rate Regulation).* The Commission has developed its own small business size standard for the purpose of cable rate regulation. Under the Commission's rules, a "small cable company" is one serving 400,000 or fewer subscribers nationwide. Based on available data, as of December 2020, there were approximately 45,308,192 basic cable video subscribers in the top Cable multiple system operators (MSOs) in the United States. Only five cable operators serving cable video subscribers in the

top Cable MSOs had more than 400,000 subscribers. Accordingly, the Commission estimates that the majority of cable operators are small.

24. *Cable System Operators (Telecom Act Standard).* The Communications Act of 1934, as amended, contains a size standard for small cable system operators, which classifies "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 small. As of December 2020, there were approximately 45,308,192 basic cable video subscribers in the top Cable MSOs in the United States. Accordingly, an operator serving fewer than 453,082 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, all but five of the cable operators in the Top Cable MSOs have less than 453,082 subscribers and can be considered small entities under this size standard. We note however, that the Commission neither requests nor collects information on whether cable system operators are affiliated with entities whose gross annual revenues exceed \$250 million. 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.

25. *Direct Broadcast Satellite (DBS) Service.* DBS service is a nationally distributed subscription service that delivers video and audio programming via satellite to a small parabolic "dish" antenna at the subscriber's location. DBS is included in the Wired Telecommunications Carriers industry which comprises establishments primarily engaged in operating and/or providing access to transmission facilities and infrastructure that they own and/or lease for the transmission of voice, data, text, sound, and video using wired telecommunications networks. 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 voice over internet protocol (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.

26. The SBA small business size standard for Wired Telecommunications Carriers classifies firms having 1,500 or fewer employees as small. U.S. Census Bureau data for 2017 shows that 3,054 firms operated in this industry for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Based on this data, the majority of firms in this industry can be considered small under the SBA small business size standard. According to Commission data however, only two entities provide DBS service—DIRECTV (owned by AT&T) and DISH Network, which require a great deal of capital for operation. DIRECTV and DISH Network both exceed the SBA size standard for classification as a small business. Therefore, we must conclude based on internally developed Commission data, in general DBS service is provided only by large firms.

27. *Satellite Telecommunications.* This industry comprises firms "primarily engaged in providing telecommunications services to other establishments in the telecommunications and broadcasting industries by forwarding and receiving communications signals via a system of satellites or reselling satellite telecommunications." Satellite telecommunications service providers include satellite and earth station operators. The SBA small business size standard for this industry classifies a business with \$35 million or less in annual receipts as small. U.S. Census Bureau data for 2017 shows that 275 firms in this industry operated for the entire year. Of this number, 242 firms had revenue of less than \$25 million. Additionally, based on Commission data in the 2021 Universal Service Monitoring Report, as of December 31, 2020, there were 71 providers that reported they were engaged in the provision of satellite telecommunications services. Of these providers, the Commission estimates that approximately 48 providers have 1,500 or fewer employees. Consequently, using the SBA's small business size standard, a little more than of these providers can be considered small entities.

28. *All Other Telecommunications.* This industry is comprised of establishments primarily engaged in providing specialized telecommunications services, such as satellite tracking, communications telemetry, and radar station operation. 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. Providers of internet services (e.g. dial-up internet service providers (ISPs)) or VoIP services, via client-supplied telecommunications connections are also included in this industry. The SBA small business size standard for this industry classifies firms with annual receipts of \$35 million or less as small. U.S. Census Bureau data for 2017 shows that there were 1,079 firms in this industry that operated for the entire year. Of those firms, 1,039 had revenue of less than \$25 million. Based on this data, the Commission estimates that the majority of “All Other Telecommunications” firms can be considered small.

29. *RespOrgs*. Responsible Organizations, or RespOrgs (also referred to as Toll-Free Number (TFN) providers), 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. Based on information on the website of SOMOS, the entity that maintains a registry of Toll-Free Number providers (SMS/800 TFN Registry) for the more than 42 million Toll-Free numbers in North America, and the TSS Registry, a centralized registry for the use of Toll-Free Numbers in text messaging and multimedia services, there were approximately 446 registered RespOrgs/Toll-Free Number providers in July 2021. RespOrgs are often wireline carriers, however they can be include non-carrier entities. Accordingly, the description below for RespOrgs include both Carrier RespOrgs and Non-Carrier RespOrgs.

30. *Carrier RespOrgs*. Neither the Commission nor the SBA have developed a small business size standard for Carrier RespOrgs. *Wired Telecommunications Carriers*, and *Wireless Telecommunications Carriers (except Satellite)* are the closest industries with an SBA small business size applicable to Carrier RespOrgs.

31. *Wired Telecommunications Carriers* are 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 small business size standard for this industry classifies a business as small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2017 shows that there were 3,054 firms that operated for the entire year. Of this number, 2,964 firms operated with fewer than 250 employees. Based on that data, we conclude that the majority of Carrier RespOrgs that operated with wireline-based technology are small.

32. *Wireless Telecommunications Carriers (except Satellite)* engage 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 SBA small business size standard for this industry classifies a business as small if it has 1,500 or fewer employees. For this industry, U.S. Census Bureau data for 2017 shows that there were 2,893 firms that operated for the entire year. Of this number, 2,837 firms employed fewer than 250 employees. Based on this data, we conclude that the majority of Carrier RespOrgs that operated with wireless-based technology are small.

33. *Non-Carrier RespOrgs*. Neither the Commission, nor the SBA have developed a small business size standard Non-Carrier RespOrgs. *Other Services Related to Advertising and Other Management Consulting Services* are the closest industries with an SBA small business size applicable to Non-Carrier RespOrgs.

34. The *Other Services Related to Advertising* industry contains 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 small business size standard for this industry classifies a business as small that has annual receipts of \$16.5 million or less. U.S. Census Bureau data for 2017 shows that

5,650 firms operated in this industry for the entire year. Of that number, 3,693 firms operated with revenue of less than \$10 million. Based on this data, we conclude that a majority of non-carrier RespOrgs who provide TFN-related management consulting services are small.

35. The *Other Management Consulting Services* industry contains 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 small business size standard for this industry classifies a business as small if it has annual receipts of \$16.5 million or less. U.S. Census Bureau data for 2017 shows that 4,696 firms operated in this industry for the entire year. Of that number, 3,700 firms had revenue of less than \$10 million. Based on this data, we conclude that a majority of non-carrier RespOrgs who provide TFN-related management consulting services are small.

#### *D. Description of Projected Reporting, Recordkeeping and Other Compliance Requirements for Small Entities*

36. The NPRM does not propose any changes to the Commission’s current information collection, reporting, recordkeeping, or compliance requirements for small entities. Regulatory fee payors, including small entities, will be required to pay the regulatory fees after such fees are adopted.

#### *E. 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 Commission has taken steps to minimize the economic impact on

small entities by adopting a de minimis threshold under the section 9(e)(2) exemption in the Communications Act. Section 9(e)(2) of the Communications Act permits the Commission to exempt a party from paying regulatory fees if “in the judgment of the Commission, the cost of collecting a regulatory fee established under this section from a party would exceed the amount collected from such party . . . .” The threshold applies only to filers of annual regulatory fees, not regulatory fees paid through multi-year filings.

Currently, the de minimis threshold for annual regulatory fee payors is \$1,000 or less for the fiscal year. In the *NPRM*, the Commission seeks comment on the feasibility of raising the de minimis threshold.

*F. Federal Rules That May Duplicate, Overlap, or Conflict With the Proposed Rules*

39. None.

**VII. Ordering Clauses**

40. Accordingly, *it is ordered* that, pursuant to sections 47 U.S.C. 4(i), 4(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 *NPRM* is hereby adopted.

Federal Communications Commission.

**Marlene Dortch,**  
*Secretary.*

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**BILLING CODE 6712–01–P**