

## FEDERAL COMMUNICATIONS COMMISSION

### 47 CFR Part 1

[MD Docket Nos. 20–105; MD Docket Nos. 21–190; FCC 21–49; FRS 26021]

### Assessment and Collection of Regulatory Fees for Fiscal Year 2021

**AGENCY:** Federal Communications Commission.

**ACTION:** Notice of proposed rulemaking.

**SUMMARY:** In this document, the Federal Communications Commission (Commission) seeks comment on revising the fee schedule of FY 2021 regulatory fees.

**DATES:** Submit comments on or before June 3, 2021; and reply comments on or before June 18, 2021.

**ADDRESSES:** Interested parties may file comments and reply comments identified by MD Docket No. 21–190, by any of the following methods below.

1. *Electronic Filers:* Comments may be filed electronically using the internet by accessing the ECFS: <http://apps.fcc.gov/ecfs/>.

2. *Paper Filers:* Parties who choose to file by paper must file an original and one copy of each filing.

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

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

5. Postal Service first-class, Express, and Priority mail must be addressed to 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 21–49, MD Docket No. 20–105, and MD Docket No. 21–190, adopted on May 3, 2021 and released on May 4, 2021. The full text of this document is available for inspection and copying during normal business hours in the FCC Reference Center, 45 L Street NE, Washington, DC 20554, and may also be purchased from the Commission's copy contractor,

BCPI, Inc., 45 L Street NE, 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. Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID–19. See *FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, DA 20–304 (March 19, 2020). <https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy>. During the time the Commission's building is closed to the general public and until further notice, if more than one docket or rulemaking number appears in the caption of a proceeding, paper filers need not submit two additional copies for each additional docket or rulemaking number; an original and one copy are sufficient.

### I. Procedural Matters

8. *Ex Parte Information.* This proceeding 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 section 1.1206(b) of the Commission's rules. In proceedings governed by section 1.49(f) of the Commission's rules or for which the Commission has made available a method of electronic filing, written ex parte presentations and memoranda summarizing oral ex parte presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that 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.

9. *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 *Notice of Proposed Rulemaking*. The Commission will send a copy of the *Notice of Proposed Rulemaking*, including the IRFA, to the Chief Counsel for Advocacy of the Small Business Administration.

10. *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

1. Notice of Proposed Rulemaking, we seek comment on the Commission's proposed regulatory fees for fiscal year (FY) 2021. Specifically, we propose to collect \$374,000,000 in regulatory fees for FY 2021, pursuant to sections 9 and 9A of the Communications Act of 1934, as amended (Act or Communications Act), and the Commission's FY 2021 Appropriation.

2. In this Notice of Proposed Rulemaking, we seek comment on several specific regulatory fee issues: (i) Including non-geographic numbers in the calculation of the number of subscribers for each commercial mobile radio service (CMRS) provider; (ii) ending our phase in of direct broadcast satellite (DBS) regulatory fees, and instead including the Media Bureau-based DBS regulatory fee in the same fee category as cable television and Internet

Protocol Television (IPTV); (iii) assessing regulatory fees for full service broadcast television using the same population-based methodology that we used for FY 2020 and continuing the changes we adopted previously for stations in Puerto Rico; (iv) adopting new regulatory fees for the new NGSO fee subcategories for “less complex” NGSO systems and “other” NGSO systems; and (v) extending our streamlined waiver provisions adopted last year for FY 2021.

3. Each year the Commission issues a Notice of Proposed Rulemaking to seek comment on its regulatory fee methodology and proposed regulatory fees for the fiscal year. The Commission also seeks to improve the regulatory fee methodology. Since 2013, the Commission has made numerous reforms to the regulatory fee schedule. In 2019, the Commission adopted several rule amendments to conform them to the RAY BAUM’S Act of 2018. Last year, the Commission added non-U.S. licensed space stations with United States market access grants to the regulatory fee schedule. The Commission concluded that assessing the same regulatory fees on all space stations with U.S. market access, whether U.S. licensed or non-U.S. licensed, would better reflect the benefits received by these operators through the Commission’s adjudicatory, enforcement, regulatory, and international coordination activities, and would promote regulatory parity and fairness among space station operating in the United States.

## II. Notice of Proposed Rulemaking

### A. Methodology for Allocating FTEs

4. Congress requires us to collect \$374,000,000 in regulatory fees for FY 2021. In doing so, section 9 of the 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 looking first to the core bureaus, *i.e.*, the bureaus that conduct work that directly benefits fee payors, in order to establish the number of direct FTEs from each bureau. The remaining non-auction FTEs and other Commission costs are categorized as indirect. Once we have identified the direct FTEs for each core bureau, we look within each core bureau to allocate fees to specific fee categories. These proportional calculations allocate all Commission non-auction related costs

across all fee categories. We seek comment on this methodology.

5. The Commission identifies the number of FTEs within each of the four core bureaus (*i.e.*, Wireline Competition Bureau, Wireless Telecommunications Bureau, International Bureau, and Media Bureau) and then further subdivides within each core bureau to account for its regulatory fee categories. As a general matter, we expect that the work of the FTEs in the four core bureaus will remain focused on the industry segment regulated by each of those bureaus. Consistent with past practices, we propose that the allocation of fee categories for FY 2021 will be based on the Commission’s calculation of FTEs in each regulatory fee category. The work of the FTEs in the indirect bureaus and offices benefits the Commission and the telecommunications industry generally and is not specifically focused on the regulatees and licensees of one core bureau. We propose that, consistent with past practices, the total FTEs for each fee category include the direct FTEs associated with that category plus a proportional allocation of indirect FTEs. Applying the section 9 requirements 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 (*e.g.*, revenues or number of subscribers). To calculate fees for each licensee, we identify “units” used to calculate the fees. For example, broadcast licensee fees will vary by population served and 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.

6. We project approximately \$32.0 million (8.56% of the total FTE allocation, 28 direct FTEs) in fees from International Bureau regulatees; \$83.5 million (22.33% of the total FTE allocation, 73 direct FTEs) in fees from Wireless Telecommunications Bureau regulatees; \$122.4 million (32.72% of the total FTE allocation, 107 direct FTEs) from Wireline Competition Bureau regulatees; and \$136.1 million (36.39% of the total FTE allocation, 119 direct FTEs) from Media Bureau regulatees. We seek comment on our calculation for the FY 2021 FTEs (327 total direct FTEs). The proposed fees are based on the established methodology, applied to the allocated FTEs and based on the Commission’s appropriation amount of \$374,000,000. We seek

comment on this methodology and on the schedule of FY 2021 regulatory fees as set forth in Tables 2 and 3.

### B. Calculating Regulatory Fees for Commercial Mobile Radio Services

7. The Commission sets regulatory fees by identifying a unit for a fee category, calculating the amount to be collected from that category, and then dividing the target collection amount by the unit count. The regulatory fee unit for the Commercial Mobile Radio Services (CMRS) fee category is the number of subscribers. Historically, each CMRS provider self-reported its subscriber count for regulatory fee purposes. In 2004, the Commission started using the “assigned number” count as the proxy for subscribers to address concerns regarding the accuracy of prior estimates.

8. The definition of assigned numbers is as follows: Assigned numbers are numbers working in the Public Switched Telephone Network under an agreement such as a contract or tariff at the request of specific end users or customers for their use, or numbers not yet working but having a customer service order pending. Numbers that are not yet working and have a service order pending for more than five days shall not be classified as assigned numbers.

9. The Commission currently provides each CMRS provider with its estimated subscriber counts based on information included in the Numbering Resource Utilization Forecast (NRUF) Report. The NRUF Report is based upon data provided by telecommunications carriers holding numbering resources, which include CMRS providers. CMRS providers are responsible for certifying the accuracy of their subscriber counts and can adjust the counts to correct any inaccuracies.

10. Non-geographic numbers are not associated with any particular geographic area, as typical numbers are, such as numbers in the 202 area code. They are also included in NRUF data and fall within the definition of assigned numbers. Historically, non-geographic numbers were commonly used for “follow me” services, which allowed a consumer to receive a call at different locations, and were not used for independent subscribers. The Commission, therefore, has not previously included these numbers in the CMRS subscriber count estimates.

11. More recently, usage of non-geographic numbers has increased substantially. Non-geographic numbers are often used for machine-to-machine calling, such as wireless alarm monitoring and car emergency services subscriptions, and counting non-

geographic numbers for regulatory fee purposes would no longer be duplicative of the geographic number. CMRS service providers have the information necessary to determine if their non-geographic numbers should be counted for calculating their number of subscribers for regulatory fee purposes. Accordingly, we propose to include non-geographic numbers in the calculation of the number of subscribers for each CMRS provider, as reflected in Table 2 and the CMRS regulatory fee factor, as reflected in Table 3. Under this proposal, CMRS provider regulatory fees will be calculated and should be paid based on the inclusion of non-geographic numbers. CMRS providers could then adjust the total number of subscribers, if needed. We note that including non-geographic numbers, if appropriate, will not change the total amount to be collected from this industry, but will likely reduce the per subscriber fee because the number of units will increase. We seek comment on this analysis.

12. In addition, we seek comment on whether there are any other changes in the CMRS industry that we should consider in calculating regulatory fees. For example, are there subscriber devices accessing wireless carrier 4G and 5G networks for IP-only use cases not requiring traditional phone numbers (e.g., industrial sensors, remote health monitoring devices, etc.) and if so, what identifiers govern their access (e.g., International Mobile Subscriber Identity, or IMSI) and who is in the best position to identify how many are in use by each licensee? Other categories of CMRS subscriber numbers, if added to the CMRS calculation, would not increase the total amount collected from the industry, but may reduce the amount per subscriber by increasing the number of units.

*C. Direct Broadcast Satellite Regulatory Fees*

13. Direct Broadcast Satellite (DBS) service is a nationally distributed subscription service that delivers video and audio programming via satellite to a small parabolic dish antenna at the subscriber's location. The two DBS providers, AT&T and DISH Network, are MVPDs. The Media Bureau oversees the regulation of MVPDs, i.e., regulated companies that make available for purchase, by subscribers or customers, multiple channels of video programming. The Media Bureau relies on a common pool of FTEs to carry out its oversight of MVPDs and other video distribution providers. These responsibilities include market modifications, local-into-local, must-

carry and retransmission consent disputes, program carriage and program access complaints, over-the-air reception device declaratory rulings and waivers, rulemakings, and proposed transactions. For Media Bureau activities in FY 2021, the Commission must collect \$74.84 million in regulatory fees from MVPDs, i.e., cable TV systems (including CARS licenses), IPTV providers, and DBS operators.

14. We propose to end the phase in of the DBS regulatory fee and assess all DBS, cable television, and IPTV providers at the same per subscriber regulatory fee, i.e., the fee category would equally include cable television, IPTV, and DBS. The Commission has been phasing in the DBS operator regulatory fee for 6 years. In FY 2015, the Commission decided to phase in the new Media Bureau-based regulatory fee for DBS, starting at 12 cents per subscriber per year, as a subcategory in the cable television and IPTV category. At the same time, the Commission committed to updating the regulatory fee rate in future years. The DBS regulatory fee is based on the significant number of Media Bureau FTEs that work on MVPD issues that include DBS, "not a particular number of FTEs focused solely on DBS" or "specific recent proceedings." The Commission has increased the DBS regulatory fee by 12 cents per subscriber per year in each subsequent year and in FY 2020 the DBS fee was 72 cents. We propose to end the phase in and assess the same regulatory fee, i.e., \$0.96, per subscriber, per year, for DBS, cable television, and IPTV. We seek comment on this proposal.

*D. Television Broadcaster Issues*

15. Last year the Commission completed the transition to a population-based full-power broadcast television regulatory fee. We seek comment again on the use of population-based fees for full-power broadcast television stations based on the station's contour. We propose adopting a factor of .8525 of one cent (\$.008525) per population served for FY 2021 full-power 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 \$.008525) for each full-power broadcast television station, including each satellite station, is listed in Table 7. We seek comment on these proposed fees.

16. We also seek comment on streamlining our current methodology,

for FY 2022, by refining the current television broadcaster table, in Table 7, to a tiered table, similar to the tiered table used for radio licensees. The current process required to implement a per call sign fee calculation imposes a significant administrative cost on the Commission and a portion of fee payors. Specifically, the Commission must generate and publish the 50 plus page table of all call signs and their respective fees in the **Federal Register** each year to ensure a fee for every call sign is established. Publication is necessary, regardless of whether a particular call sign is exempt, as a station's status may change over the course of a year. This has caused confusion to some fee payors. Further, discrepancies last year led to several hundred inquiries by fee payors. Using a tiered system would simplify the process for fee payors and the Commission while still assessing fees based on each broadcasters' population served. We seek comment on whether the administrative benefits for the Commission and fee payors of using a tiered table to establish television broadcaster regulatory fees would outweigh the costs and be easier for fee payors to navigate. Commenters should discuss whether such a table would be more administrable than the current population-based chart establishing individual fee amounts for each station. A model streamlined table based on the proposed FY 2021 television broadcaster fees is set forth below in Table 1.

TABLE 1—PROPOSED BROADCAST TELEVISION FEE TIERS

Population served	Proposed tiered fee amount
<=75,000 .....	\$400
75,001–150,000 .....	925
150,001–500,000 .....	2,625
500,001–1,500,000 .....	8,175
1,500,001–3,000,000 .....	18,000
3,000,001–5,000,000 .....	32,225
5,000,001–7,000,000 .....	50,975
7,000,001–10,000,000 .....	70,150
10,000,001–15,000,000 .....	93,100
>15,000,000 .....	154,525

17. *Stations in Puerto Rico.* Previously, a group of broadcasters in Puerto Rico argued that the population-based methodology overstates the population served by Puerto Rico stations because the mountainous terrain conditions result in TVStudy overstating the population served. They also argued that significant and measurable drops in Puerto Rico's population resulting from an exodus caused in part by Hurricane Maria overstated that the population counts

underlying TVStudy. For those reasons, the Commission sought comment last year on adjusting the fees of such broadcasters in two discrete ways and adopted such proposals in the *FY 2020 Report and Order*, 36 FCC Rcd 1731. We seek comment on continuing those adjustments for FY 2021. We propose to account for the objectively measurable reduction in population by reducing the population counts used in TVStudy by 16.9%, or the decline between the last census in 2010 and the current population estimate, as we did for FY 2020. Additionally, in FY 2020 the Commission adopted a proposal to limit the market served by a primary television stations and commonly owned satellite broadcast stations in Puerto Rico to no more than 3.10 million people, the latest population estimate. We seek comment on adopting these proposals again for FY 2021.

#### E. NGSO Regulatory Fees

18. The Commission has adopted two new fee subcategories, one for “less complex” NGSO systems and a second for all other NGSO systems identified as “other” NGSO systems, both under the broader category of “Space Stations (Non-Geostationary Orbit).” We have analyzed the time International Bureau FTEs devote to oversight and regulation of the less complex systems listed in Appendix E and we seek comment on the percentage of regulatory fees that should be allocated to each subcategory of NGSO systems. We propose an 20/80 allocation within the category of NGSO fees, with “less complex” NGSO systems responsible for 20% of NGSO regulatory fees and “the remaining NGSO systems (“Other”) responsible for 80% of NGSO regulatory fees. Based on our current experience and considering our costs reasonably related to regulating and overseeing all NGSO systems, we think that a 20/80 percent split between less complex systems and other NGSO systems would be appropriate. The proposed 80 percent of total NGSO fees apportionment to other NGSO systems category is based on the fact that a small minority of Commission efforts appear to involve NGSO systems that meet our definition of a less complex NGSO system.

19. We recognize the considerable challenge of assigning a precise number to the apportionment of regulatory fees between less complex and other categories of NGSO space stations, given that all of these systems are NGSO systems and continue to benefit from our various activities, including rulemakings, enforcement, applications, and international activities, to some extent. For example, a number of

systems with limited U.S. earth stations providing EESS have been granted waivers of the processing round procedures. Although there is no cost associated with a processing round, these waivers provide continuous benefits to these less complex systems. Based on our NGSO experience and judgement, we believe an approximate apportionment of FTEs’ time working on oversight for each category of operators may be the most practical way to estimate the relative percentages of the benefits driven by our activities. Accordingly, we propose that a 20/80 split would be a reasonable apportionment to distribute our regulatory cost reasonably related to the benefits these fee payors are receiving. We seek comment on these conclusions. Accordingly, we propose regulatory fees of \$105,525 per Space Station (Non-Geostationary Orbit)—Less Complex and \$337,725 per Space Station (Non-Geostationary Orbit)—Other, as reflected in Table 6.

#### F. Continued Flexibility in FY 2021 for Regulatory Payors Seeking Waivers Due to Financial Hardship Caused by the COVID-19 Pandemic

20. We seek comment on whether we should extend to the FY 2021 regulatory fee season the temporary measures the Commission adopted in FY 2020 with respect to FY 2020 regulatory fees to provide relief to regulatees whose businesses have suffered financial harm due to the pandemic. The *FY 2020 Report and Order*, 36 FCC Rcd 1731, included several mechanisms to provide such relief, such as: Waiver of section 1.1166(a) of the Commission’s rules to permit parties seeking regulatory fee waiver and deferral for financial hardship reasons to make a single request for both waiver and deferral; waiver of the same rule to permit requests to be submitted electronically to the Commission, rather than in paper form; waivers to allow parties seeking extended payment terms to do so by submitting an email request, and allowing a combined installment payment request with any waiver, reduction, and deferral requests in a single filing.

21. In addition to those rule waivers, the Commission exercised its discretion to reduce the interest rate typically charged on installments payments to a nominal rate—and it also waived the down payment normally required before granting an installment payment request. The Commission also partially waived the requirement that parties seeking relief on financial hardship grounds submit with their requests all financial documentation needed to

prove financial hardship. This allowed regulatees experiencing pandemic related financial hardship to submit additional financial documentation post-filing if necessary to determine whether relief should be granted. The Commission directed the Managing Director to work with individual regulatees that filed requests if additional documents were needed to render a decision on the request.

22. Finally, the Commission allowed debtors barred from filing requests or applications by the red-light rule who are experiencing financial hardship due to the pandemic to nonetheless request relief with respect to their regulatory fees. The Commission authorized the Managing Director to partially waive the red light to permit consideration of those requests while requiring those parties to resolve all delinquent debt to the Commission’s satisfaction in the process.

23. We seek comment on extending these temporary measures for FY 2021 regulatory fees due to the continuing pandemic. We remind commenters that we cannot relax the standard for granting a waiver or deferral of fees, penalties, or other charges for late payment of regulatory fees under section 9A of the Act. Under that statute, the Commission may only waive a regulatory fee, penalty or interest if it finds there is good cause for the waiver and that the waiver is in the public interest. The Commission has only granted financial hardship waivers when the requesting party has shown it “lacks sufficient funds to pay the regulatory fees and to maintain its service to the public.” Other statutory limitations include that the Commission must act on waiver requests individually, and cannot extend the deadline we set for payment of fees beyond September 30.

#### G. Additional Regulatory Fee Reform

24. We seek comment on additional regulatory fee reform and ways to further improve our regulatory fee process to make it less burdensome for all entities. We seek comment on whether there are licensees who are not listed as a fee category in our current regulatory fee schedule and should be included. We also seek comment on whether our fee setting methodologies could be improved or updated to ensure that our regulatory fees are more equitable or otherwise streamlined to make the fee schedule simpler. As part of this analysis, we seek comment on the costs and benefits of reforming our fee-setting process.

### III. Procedural Matters

25. 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.

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

27. *Payment Methods.* Pursuant to an Office of Management and Budget (OMB) directive, the Commission is moving towards a paperless environment, extending to disbursement and collection of select federal government payments and receipts. In 2015, the Commission stopped accepting checks (including cashier's checks and money orders) and the accompanying hardcopy forms (e.g., Forms 159, 159-B, 159-E, 159-W) for the payment of regulatory fees. During the fee season for collecting regulatory fees, regulatees can pay their fees by credit card through *Pay.gov*, ACH, debit card, or by wire transfer. Additional payment instructions are posted on the Commission's website at <http://transition.fcc.gov/fees/regfees.html>. The receiving bank for all wire payments is the U.S. Treasury, New York, NY (TREAS NYC). Any other form of payment (e.g., checks, cashier's checks, or money orders) will be rejected. For payments by wire, a Form 159-E should still be transmitted via fax so that the Commission can associate the wire payment with the correct regulatory fee information. The fax should be sent to the Federal Communications Commission at (202) 418-2843 at least

one hour before initiating the wire transfer (but on the same business day) so as not to delay crediting their account. Regulatees should discuss arrangements (including bank closing schedules) with their bankers several days before they plan to make the wire transfer to allow sufficient time for the transfer to be initiated and completed before the deadline. Complete instructions for making wire payments are posted at <https://www.fcc.gov/licensing-databases/fees/wire-transfer>.

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

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

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

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

- *Wireless Services:* CMRS cellular, mobile, and messaging services (fees based on number of subscribers or

telephone number count): Regulatory fees must be paid for authorizations that were granted on or before October 1, 2020. The number of subscribers, units, or telephone numbers on December 31, 2020 will be used as the basis from which to calculate the fee payment. In instances where a permit or license is transferred or assigned after October 1, 2020, responsibility for payment rests with the holder of the permit or license as of the fee due date.

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

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

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

- *International Services (Submarine Cable Systems, Terrestrial and Satellite Services):* Regulatory fees for submarine cable systems are to be paid on a per cable landing license basis based on lit circuit capacity as of December 31, 2020. Regulatory fees for terrestrial and satellite IBCs are to be paid based on

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

30. *Commercial Mobile Radio Service (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).

31. 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.

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

**IV. List of Tables**

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

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

Fee category	FY 2021 Payment units	Yrs.	FY 2020 Revenue estimate	Pro-rated FY 2021 revenue requirement	Computed FY 2021 regulatory fee	Rounded FY 2021 reg. fee	Expected FY 2021 revenue
PLMRS (Exclusive Use)	300	10	187,500	75,000	25.00	25	187,500
PLMRS (Shared use)	9,900	10	1,170,000	990,000	10.00	10	1,170,000
Microwave	19,000	10	3,150,000	4,750,000	25.00	25	3,150,000
Marine (Ship)	6,150	10	1,065,000	922,500	15.00	15	1,065,000
Aviation (Aircraft)	3,900	10	550,000	390,000	10.00	10	550,000
Marine (Coast)	40	10	36,000	16,000	40.00	40	36,000
Aviation (Ground)	550	10	220,000	110,000	20.00	20	220,000
AM Class A <sup>1</sup>	63	1	296,100	319,125	4,706	4,700	296,100
AM Class B <sup>1</sup>	1,456	1	3,681,450	3,959,298	2,523	2,525	3,681,450
AM Class C <sup>1</sup>	825	1	1,310,400	1,417,458	1,608	1,600	1,310,400
AM Class D <sup>1</sup>	1,397	1	4,356,100	4,683,387	3,172	3,175	4,356,100
FM Classes A, B1 & C3 <sup>1</sup>	3,059	1	9,141,975	9,855,412	3,080	3,075	9,141,975
FM Classes B, C, C0, C1 & C2 <sup>1</sup>	3,118	1	11,246,950	12,072,952	3,565	3,575	11,246,950
AM Construction Permits <sup>2</sup>	6	1	3,960	3,960	660	660	3,960
FM Construction Permits <sup>2</sup>	55	1	63,250	63,250	1,150	1,150	63,250
Digital Television <sup>5</sup> (including Satellite TV)	3.262 billion population	1	25,473,855	27,805,580	.0085252	.008525	27,805,580
Digital TV Construction Permits <sup>2</sup>	4	1	14,850	20,600	5,150	5,150	20,600
LPTV/Translators/Boosters/Class A TV	5,156	1	1,682,100	1,813,236	351.7	350	1,804,600
CARS Stations	150	1	208,000	224,612	1,497	1,500	225,000
Cable TV Systems, including IPTV & DBS	77,800,000	1	49,395,000	74,616,008	.959	.96	74,688,000
Interstate Telecommunication Service Providers	\$30,500,000,000	1	98,547,000	118,307,694	0.003879	0.00388	118,340,000
Toll Free Numbers	33,500,000	1	3,960,000	4,065,106	0.1213	0.12	4,020,000
CMRS Mobile Services (Cellular/Public Mobile)	500,000,000	1	72,250,000	75,174,308	0.1503	0.15	75,000,000
CMRS Messaging Services	1,700,000	1	152,000	136,000	0.0800	0.080	136,000
BRS/ <sup>3</sup>							
LMDS	1,250	1	716,800	743,750	595	595	743,750
	342	1	190,400	203,490	594.99	595	203,490
Per Gbps circuit Int'l Bearer Circuits. Terrestrial (Common & Non-Common) & Satellite (Common & Non-Common)	10,900	1	438,700	457,326	41.95	42	457,800
Submarine Cable Providers (See chart at bottom of Appendix C) <sup>4</sup>	58,188	1	8,280,333	8,689,188	149,331	149,325	8,688,848
Earth Stations	3,000	1	1,680,000	1,760,792	587	585	1,755,000
Space Stations (Geostationary)	149	1	16,092,500	16,885,675	113,327	113,325	16,885,425
Space Stations (Non-Geostationary, Other)	10	1	4,023,000	3,377,135	337,714	337,725	3,377,250

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

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

Fee category	FY 2021 Payment units	Yrs.	FY 2020 Revenue estimate	Pro-rated FY 2021 revenue requirement	Computed FY 2021 regulatory fee	Rounded FY 2021 reg. fee	Expected FY 2021 revenue
Space Stations (Non-Geostationary, Less Complex) .....	8	1	.....	844,284	105,536	105,525	844,200
***** Total Estimated Revenue to be Collected .....	.....	.....	338,940,733	373,922,577	.....	.....	373,844,229
***** Total Revenue Requirement .....	.....	.....	339,000,000	374,000,000	.....	.....	374,000,000
Difference .....	.....	.....	(59,267)	(77,423)	.....	.....	(155,771)

**Notes on Table 2**

- <sup>1</sup>The fee amounts listed in the column entitled "Rounded New FY 2021 Regulatory Fee" constitute a weighted average broadcast regulatory fee by class of service. The actual FY 2021 regulatory fees for AM/FM radio station are listed on a grid located at the end of Table 3.
- <sup>2</sup>The AM and FM Construction Permit revenues and the Digital (VHF/UHF) Construction Permit revenues were adjusted, respectively, to set the regulatory fee to an amount no higher than the lowest licensed fee for that class of service. Reductions in the Digital (VHF/UHF) Construction Permit revenues, and in the AM and FM Construction Permit revenues, were offset by increases in the revenue totals for Digital television stations by market size, and in the AM and FM radio stations by class size and population served, respectively.
- <sup>3</sup>The MDS/MMDS category was renamed Broadband Radio Service (BRS). See Amendment of Parts 1, 21, 73, 74 and 101 of the Commission's Rules to Facilitate the Provision of Fixed and Mobile Broadband Access, Educational and Other Advanced Services in the 2150–2162 and 2500–2690 MHz Bands, Report & Order and Further Notice of Proposed Rulemaking, 19 FCC Rcd 14165, 14169, para. 6 (2004).
- <sup>4</sup>The chart at the end of Table 3 lists the submarine cable bearer circuit regulatory fees (common and non-common carrier basis) that resulted from the adoption of the Assessment and Collection of Regulatory Fees for Fiscal Year 2008, Report and Order and Further Notice of Proposed Rulemaking, 24 FCC Rcd 6388 (2008) and Assessment and Collection of Regulatory Fees for Fiscal Year 2008, Second Report and Order, 24 FCC Rcd 4208 (2009). The Submarine Cable fee in Table 2 is a weighted average of the various fee payers in the chart at the end of Table 3.
- <sup>5</sup>The actual digital television regulatory fees to be paid by call sign are identified in Table 7.

TABLE 3—FY 2021 SCHEDULE OF REGULATORY FEES

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

Fee category	Annual regulatory fee (U.S. \$)
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) .....	595.
Local Multipoint Distribution Service (per call sign) (47 CFR, part 101) .....	595.
AM Radio Construction Permits .....	660.
FM Radio Construction Permits .....	1,150.
AM and FM Broadcast Radio Station Fees .....	See Table Below.
Digital TV (47 CFR part 73) VHF and UHF Commercial Fee Factor .....	\$.008525.*
Digital TV Construction Permits .....	5,150.
Low Power TV, Class A TV, TV/FM Translators & Boosters (47 CFR part 74) .....	350.
CARS (47 CFR part 78) .....	1,500.
Cable Television Systems (per subscriber) (47 CFR part 76), Including IPTV .....	.96.
Interstate Telecommunication Service Providers (per revenue dollar) .....	.00388.
Toll Free (per toll free subscriber) (47 CFR section 52.101 (f) of the rules) .....	.12.
Earth Stations (47 CFR part 25) .....	585.
Space Stations (per operational station in geostationary orbit) (47 CFR part 25) also includes DBS Service (per operational station) (47 CFR part 100) .....	113,325.
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25) (Other) .....	337,725.
Space Stations (per operational system in non-geostationary orbit) (47 CFR part 25) (Less Complex) .....	105,525.
International Bearer Circuits—Terrestrial/Satellites (per Gbps circuit) .....	42.
Submarine Cable Landing Licenses Fee (per cable system) .....	See Table Below.

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

FY 2021 RADIO STATION REGULATORY FEES

Population served	AM class A	AM class B	AM class C	AM class D	FM classes A, B1 & C3	FM classes B, C, C0, C1 & C2
<=25,000 .....	\$1,050	\$760	\$660	\$725	\$1,150	\$1,325

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
25,001–75,000 .....	1,575	1,150	990	1,100	1,725	2,000
75,001–150,000 .....	2,375	1,700	1,475	1,625	2,600	2,975
150,001–500,000 .....	3,550	2,575	2,225	2,450	3,875	4,475
500,001–1,200,000 .....	5,325	3,850	3,350	3,675	5,825	6,700
1,200,001–3,000,000 .....	7,975	5,775	5,025	5,500	8,750	10,075
3,000,001–6,000,000 .....	11,950	8,650	7,525	8,250	13,100	15,100
>6,000,000 .....	17,950	13,000	11,275	12,400	19,650	22,650

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	\$9,350
50 Gbps or greater, but less than 250 Gbps .....	.125	18,675
250 Gbps or greater, but less than 1,500 Gbps .....	.25	37,350
1,500 Gbps or greater, but less than 3,500 Gbps .....	.5	74,675
3,500 Gbps or greater, but less than 6,500 Gbps .....	1.0	149,325
6,500 Gbps or greater .....	2.0	298,650

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

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

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

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

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

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



Fee category	Sources of payment unit estimates
Space Stations (GSOs & NGSOs) .....	Based on International Bureau data reports and actual FY 2020 payment units.
International Bearer Circuits .....	Based on International Bureau reports and submissions by licensees, adjusted as necessary, and actual FY 2020 payment units.
Submarine Cable Licenses .....	Based on International Bureau license information, and actual FY 2020 payment units.

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

*AM Stations*

For stations with nondirectional daytime antennas, the theoretical radiation was used at all azimuths. For stations with directional daytime antennas, specific information on each day tower, including field ratio, phase, spacing, and orientation was retrieved, as well as the theoretical pattern root-mean-square of the radiation in all directions in the horizontal plane (RMS) figure (milliVolt per meter (mV/m) @1 km) for the antenna system. The standard, or augmented standard if pertinent, horizontal plane radiation pattern was calculated using techniques and methods specified in sections 73.150 and 73.152 of the Commission’s rules. Radiation values were calculated for each of 360 radials around the transmitter site. Next, estimated soil conductivity data was retrieved from a

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

*FM Stations*

The greater of the horizontal or vertical effective radiated power (ERP) (kW) and respective height above average terrain (HAAT) (m) combination was used. Where the antenna height

above mean sea level (HAMSL) was available, it was used in lieu of the average HAAT figure to calculate specific HAAT figures for each of 360 radials under study. Any available directional pattern information was applied as well, to produce a radial-specific ERP figure. The HAAT and ERP figures were used in conjunction with the Field Strength (50–50) propagation curves specified in 47 CFR 73.313 of the Commission’s rules to predict the distance to the principal community (70 dBu (decibel above 1 microVolt per meter) or 3.17 mV/m) contour for each of the 360 radials. The resulting distance to principal community contours were used to form a geographical polygon. Population counting was accomplished by determining which 2010 block centroids were contained in the polygon. The sum of the population figures for all enclosed blocks represents the total population for the predicted principal community coverage area.

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

Licensee	Call sign	Satellite name	Type
DIRECTV Enterprises, LLC .....	S2922 .....	SKY-B1 .....	GSO
DIRECTV Enterprises, LLC .....	S2640 .....	DIRECTV T11 .....	GSO
DIRECTV Enterprises, LLC .....	S2711 .....	DIRECTV RB-1 .....	GSO
DIRECTV Enterprises, LLC .....	S2632 .....	DIRECTV T8 .....	GSO
DIRECTV Enterprises, LLC .....	S2669 .....	DIRECTV T9S .....	GSO
DIRECTV Enterprises, LLC .....	S2641 .....	DIRECTV T10 .....	GSO
DIRECTV Enterprises, LLC .....	S2797 .....	DIRECTV T12 .....	GSO
DIRECTV Enterprises, LLC .....	S2930 .....	DIRECTV T15 .....	GSO
DIRECTV Enterprises, LLC .....	S2673 .....	DIRECTV T5 .....	GSO
DIRECTV Enterprises, LLC .....	S2455 .....	DIRECTV T7S .....	GSO
DIRECTV Enterprises, LLC .....	S2133 .....	SPACEWAY 2 .....	GSO
DIRECTV Enterprises, LLC .....	S3039 .....	DIRECTV T16 .....	GSO
DISH Operating L.L.C .....	S2931 .....	ECHOSTAR 18 .....	GSO
DISH Operating L.L.C .....	S2738 .....	ECHOSTAR 11 .....	GSO
DISH Operating L.L.C .....	S2694 .....	ECHOSTAR 10 .....	GSO
DISH Operating L.L.C .....	S2740 .....	ECHOSTAR 7 .....	GSO
DISH Operating L.L.C .....	S2790 .....	ECHOSTAR 14 .....	GSO
EchoStar Satellite Operating Corporation .....	S2811 .....	ECHOSTAR 15 .....	GSO
EchoStar Satellite Operating Corporation .....	S2844 .....	ECHOSTAR 16 .....	GSO
EchoStar Satellite Operating Corporation .....	S2653 .....	ECHOSTAR 12 .....	GSO
EchoStar Satellite Services L.L.C .....	S2179 .....	ECHOSTAR 9 .....	GSO
ES 172 LLC .....	S2610 .....	EUTELSAT 174A .....	GSO
ES 172 LLC .....	S3021 .....	EUTELSAT 172B .....	GSO
Horizon-3 Satellite LLC .....	S2947 .....	HORIZONS-3e .....	GSO
Hughes Network Systems, LLC .....	S2663 .....	SPACEWAY 3 .....	GSO
Hughes Network Systems, LLC .....	S2834 .....	ECHOSTAR 19 .....	GSO
Hughes Network Systems, LLC .....	S2753 .....	ECHOSTAR XVII .....	GSO
Intelsat License LLC/ViaSat, Inc .....	S2160 .....	GALAXY 28 .....	GSO
Intelsat License LLC, Debtor-in-Possession .....	S2414 .....	INTELSAT 10-02 .....	GSO
Intelsat License LLC, Debtor-in-Possession .....	S2972 .....	INTELSAT 37e .....	GSO
Intelsat License LLC, Debtor-in-Possession .....	S2854 .....	NSS-7 .....	GSO

TABLE 6—SATELLITE CHARTS FOR FY 2021 REGULATORY FEES—Continued

[U.S.-licensed space stations]

Licensee	Call sign	Satellite name	Type
Intelsat License LLC, Debtor-in-Possession	S2409	INELSAT 905	GSO
Intelsat License LLC, Debtor-in-Possession	S2411	INTELSAT 907	GSO
Intelsat License LLC, Debtor-in-Possession	S2405	INTELSAT 901	GSO
Intelsat License LLC, Debtor-in-Possession	S2408	INTELSAT 904	GSO
Intelsat License LLC, Debtor-in-Possession	S2804	INTELSAT 25	GSO
Intelsat License LLC, Debtor-in-Possession	S2959	INTELSAT 35e	GSO
Intelsat License LLC, Debtor-in-Possession	S2237	INTELSAT 11	GSO
Intelsat License LLC, Debtor-in-Possession	S2785	INTELSAT 14	GSO
Intelsat License LLC, Debtor-in-Possession	S2913	INTELSAT 29E	GSO
Intelsat License LLC, Debtor-in-Possession	S2380	INTELSAT 9	GSO
Intelsat License LLC, Debtor-in-Possession	S2831	INTELSAT 23	GSO
Intelsat License LLC, Debtor-in-Possession	S2915	INTELSAT 34	GSO
Intelsat License LLC, Debtor-in-Possession	S2863	INTELSAT 21	GSO
Intelsat License LLC, Debtor-in-Possession	S2750	INTELSAT 16	GSO
Intelsat License LLC, Debtor-in-Possession	S2715	GALAXY 17	GSO
Intelsat License LLC, Debtor-in-Possession	S2154	GALAXY 25	GSO
Intelsat License LLC, Debtor-in-Possession	S2253	GALAXY 11	GSO
Intelsat License LLC, Debtor-in-Possession	S2381	GALAXY 3C	GSO
Intelsat License LLC, Debtor-in-Possession	S2887	INTELSAT 30	GSO
Intelsat License LLC, Debtor-in-Possession	S2924	INTELSAT 31	GSO
Intelsat License LLC, Debtor-in-Possession	S2647	GALAXY 19	GSO
Intelsat License LLC, Debtor-in-Possession	S2687	GALAXY 16	GSO
Intelsat License LLC, Debtor-in-Possession	S2733	GALAXY 18	GSO
Intelsat License LLC, Debtor-in-Possession	S2385	GALAXY 14	GSO
Intelsat License LLC, Debtor-in-Possession	S2386	GALAXY 13	GSO
Intelsat License LLC, Debtor-in-Possession	S2422	GALAXY 12	GSO
Intelsat License LLC, Debtor-in-Possession	S2387	GALAXY 15	GSO
Intelsat License LLC, Debtor-in-Possession	S2704	INTELSAT 5	GSO
Intelsat License LLC, Debtor-in-Possession	S2817	INTELSAT 18	GSO
Intelsat License LLC, Debtor-in-Possession	S2960	JCSAT-RA	GSO
Intelsat License LLC, Debtor-in-Possession	S2850	INTELSAT 19	GSO
Intelsat License LLC, Debtor-in-Possession	S2368	INTELSAT 1R	GSO
Intelsat License LLC, Debtor-in-Possession	S2988	TELKOM-2	GSO
Intelsat License LLC, Debtor-in-Possession	S2789	INTELSAT 15	GSO
Intelsat License LLC, Debtor-in-Possession	S2423	HORIZONS 2	GSO
Intelsat License LLC, Debtor-in-Possession	S2846	INTELSAT 22	GSO
Intelsat License LLC, Debtor-in-Possession	S2847	INTELSAT 20	GSO
Intelsat License LLC, Debtor-in-Possession	S2948	INTELSAT 36	GSO
Intelsat License LLC, Debtor-in-Possession	S2814	INTELSAT 17	GSO
Intelsat License LLC, Debtor-in-Possession	S2410	INTELSAT 906	GSO
Intelsat License LLC, Debtor-in-Possession	S2406	INTELSAT 902	GSO
Intelsat License LLC, Debtor-in-Possession	S2939	INTELSAT 33e	GSO
Intelsat License LLC, Debtor-in-Possession	S2382	INTELSAT 10	GSO
Intelsat License LLC, Debtor-in-Possession	S2751	NEW DAWN	GSO
Intelsat License LLC, Debtor-in-Possession	S3023	INTELSAT 39	GSO
Leidos, Inc	S2371	LM-RPS2	GSO
Ligado Networks Subsidiary, LLC	S2358	SKYTERRA-1	GSO
Ligado Networks Subsidiary, LLC	AMSC-1	MSAT-2	GSO
Novavision Group, Inc	S2861	DIRECTV KU-79W	GSO
Satellite CD Radio LLC	S2812	FM-6	GSO
SES Americom, Inc	S2415	NSS-10	GSO
SES Americom, Inc	S2162	AMC-3	GSO
SES Americom, Inc	S2347	AMC-6	GSO
SES Americom, Inc	S2134	AMC-2	GSO
SES Americom, Inc	S2826	SES-2	GSO
SES Americom, Inc	S2807	SES-1	GSO
SES Americom, Inc	S2892	SES-3	GSO
SES Americom, Inc	S2180	AMC-15	GSO
SES Americom, Inc	S2445	AMC-1	GSO
SES Americom, Inc	S2135	AMC-4	GSO
SES Americom, Inc	S2155	AMC-7	GSO
SES Americom, Inc	S2713	AMC-18	GSO
SES Americom, Inc	S2433	AMC-11	GSO
SES Americom, Inc./Alascom, Inc	S2379	AMC-8	GSO
SES Americom, Inc./EchoStar Satellite Services L.L.C	S2181	AMC-16	GSO
Sirius XM Radio Inc	S2710	FM-5	GSO
Skynet Satellite Corporation	S2933	TELSTAR 12V	GSO
Skynet Satellite Corporation	S2357	TELSTAR 11N	GSO
ViaSat, Inc	S2747	VIASAT-1	GSO
XM Radio LLC	S2617	XM-3	GSO
XM Radio LLC	S2616	XM-4	GSO

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

Licensee	Call sign	Satellite common name	Satellite type
ABS Global Ltd	S2987	ABS-3A	GSO
DBSD Services Ltd	S2651	DBSD G1	GSO
Empresa Argentina de Soluciones Satelitales S.A	S2956	ARSAT-2	GSO
European Telecommunications Satellite Organization	S2596	Atlantic Bird 2	GSO
European Telecommunications Satellite Organization	S3031	EUTELSAT 133 WEST A	GSO
Gamma Acquisition L.L.C	S2633	TerreStar 1	GSO
Hispamar Satélites, S.A	S2793	AMAZONAS-2	GSO
Hispamar Satélites, S.A	S2886	AMAZONAS-3	GSO
Hispasat, S.A	S2969	HISPASAT 30W-6	GSO
Inmarsat PLC	S2932	Inmarsat-4 F3	GSO
Inmarsat PLC	S2949	Inmarsat-3 F5	GSO
Inmarsat Mobile Networks, Inc	E150028	Inmarsat 5F3	GSO
Intelsat License LLC	S2592/S2868	Galaxy 23	GSO
Intelsat License LLC	S3058	HISPASAT 143W-1	GSO
New Skies Satellites B.V	S2756	NSS-9	GSO
New Skies Satellites B.V	S2870	SES-6	GSO
New Skies Satellites B.V	S3048	NSS-6	GSO
New Skies Satellites B.V	S2828	SES-4	GSO
New Skies Satellites B.V	S2950	SES-10	GSO
Satelites Mexicanos, S.A. de C.V	S2695	EUTELSAT 113 WEST A	GSO
Satelites Mexicanos, S.A. de C.V	S2926	EUTELSAT 117 WEST B	GSO
Satelites Mexicanos, S.A. de C.V	S2938	EUTELSAT 115 WEST B	GSO
Satelites Mexicanos, S.A. de C.V	S2873	EUTELSAT 117 WEST A	GSO
SES Satellites (Gibraltar) Ltd	S2676	AMC 21	GSO
SES Americom, Inc	S3037	NSS-11	GSO
SES Americom, Inc	S2964	SES-11	GSO
SES DTH do Brasil Ltd	S2974	SES-14	GSO
SES Satellites (Gibraltar) Ltd	S2951	SES-15	GSO
Embratel Tvsat Telecomunicacoes S.A	S2677	STAR ONE C1	GSO
Embratel Tvsat Telecomunicacoes S.A	S2678	STAR ONE C2	GSO
Embratel Tvsat Telecomunicacoes S.A	S2845	STAR ONE C3	GSO
Telesat Brasil Capacidade de Satelites Ltda	S2821	ESTRELA DO SUL 2	GSO
Telesat Canada	S2674	ANIK F1R	GSO
Telesat Canada	S2703	ANIK F3	GSO
Telesat Canada	S2646/S2472	ANIK F2	GSO
Telesat International Ltd	S2955	TELSTAR 19 VANTAGE	GSO
Viasat, Inc	S2902	VIASAT-2	GSO

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

ITU Name (if available)	Common name	Call sign	GSO/NGSO
APSTAR VI	APSTAR 6	M292090	GSO
AUSSAT B 152E	OPTUS D2	M221170	GSO
CAN-BSS3 and CAN-BSS	ECHOSTAR 23	SM1987	GSO
Ciel Satellite Group	Ciel-2	E050029	GSO
ECHOSTAR 23	ECHOSTAR 23	SM2975	GSO
ECHOSTAR 8 (MEX)	ECHOSTAR 8	NUS1108	GSO
Eutelsat 65 West A	Eutelsat 65 West A	E160081	GSO
INMARSAT 3F3	INMARSAT 3F3	E000284	GSO
INMARSAT 4F1	INMARSAT 4F1	KA25	GSO
JCSAT-2B	JCSAT-2B	M174163	GSO
NIMIQ 5	NIMIQ 5	E080107	GSO
MSAT-1	MSAT-1	E980179	GSO
QUETZSAT-1(MEX)	QUETZSAT-1	NUS1101	GSO
Superbird C2	Superbird C2	M334100	GSO
WILDBLUE-1	WILDBLUE-1	E040213	GSO
Yamal 300K	Yamal 300K	M174162	GSO

NON-GEOSTATIONARY SPACE STATIONS (NGSO)

ITU name (if available)	Common name	Call sign	NGSO
<b>U.S.-Licensed NGSO Systems</b>			
ORBCOMM License Corp	ORBCOMM	S2103	Other.
Iridium Constellation LLC	IRIDIUM	S2110	Other.
Space Exploration Holdings, LLC	SPACEX Ku/Ka-Band	S2983/S3018	Other.

## NON-GEOSTATIONARY SPACE STATIONS (NGSO)—Continued

ITU name (if available)	Common name	Call sign	NGSO
Swarm Technologies .....	SWARM .....	S3041 .....	Other.
Planet Labs .....	Flock .....	S2912 .....	Less Complex.
Planet Labs .....	Skysats .....	S2862 .....	Less Complex.
Maxar License .....	WorldView 1, 2, 3 & 4 .....	S2129/S2348 .....	Less Complex.
BlackSky Global .....	Global 1, 2, 3 & 4 .....	S3032 .....	Less Complex.
Astro Digital U.S., Inc .....	LANDMAPPER .....	S3014 .....	Less Complex.
Hawkeye 360 .....	HE360 .....	S3042 .....	Less Complex.

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

Telesat Canada .....	TELESAT Ku/Ka-Band .....	S2976 .....	Other.
Kepler Communications, Inc .....	KEPLER .....	S2981 .....	Other.
WorldVu Satellites Ltd .....	ONEWEB .....	S2963 .....	Other.
Hiber Inc .....	HIBER .....	S3038 .....	Other.
O3b Ltd .....	O3b .....	S2935 .....	Other.

## Non-U.S.-Licensed NGSO Systems—Market Access Through Earth Station Licenses

EXACTVIEW-1 .....	EXACTVIEW-1 .....	SM2989 .....	Less Complex.
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## NGSO Systems that Are Partly U.S.-Licensed and Partly Non-U.S.-Licensed with Market Access Through Petition for Declaratory Ruling

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

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
3246 .....	KAH-TV .....	955,391	879,906	\$7,501
18285 .....	KAAL .....	589,502	568,169	4,844
11912 .....	KAAS-TV .....	220,262	219,922	1,875
56528 .....	KABB .....	2,474,296	2,456,689	20,943
282 .....	KABC-TV .....	17,540,791	16,957,292	144,561
1236 .....	KACV-TV .....	372,627	372,330	3,174
33261 .....	KADN-TV .....	877,965	877,965	7,485
8263 .....	KAFF-TV .....	138,085	122,808	1,047
2728 .....	KAET .....	4,217,217	4,184,386	35,672
2767 .....	KAFT .....	1,204,376	1,122,928	9,573
62442 .....	KAID .....	711,035	702,721	5,991
4145 .....	KAIL-TV .....	188,810	165,396	1,410
67494 .....	KAIL .....	1,967,744	1,948,341	16,610
13988 .....	KAIT .....	861,149	845,812	7,211
40517 .....	KAJB .....	383,886	383,195	3,267
65522 .....	KAKE .....	803,937	799,254	6,814
804 .....	KAKM .....	380,240	379,105	3,232
148 .....	KAKW-DT .....	2,615,956	2,531,813	21,584
51598 .....	KALB-TV .....	943,307	942,043	8,031
51241 .....	KALO .....	948,683	844,503	7,199
40820 .....	KAMC .....	391,526	391,502	3,338
8523 .....	KAMR-TV .....	366,476	366,335	3,123
65301 .....	KAMU-TV .....	346,892	342,455	2,919
2506 .....	KAPP .....	319,797	283,944	2,421
3658 .....	KARD .....	703,234	700,887	5,975
23079 .....	KARE .....	3,924,944	3,907,483	33,311
33440 .....	KARK-TV .....	1,212,038	1,196,196	10,198
37005 .....	KARZ-TV .....	1,066,386	1,050,270	8,954
32311 .....	KASA-TV .....	1,161,789	1,119,108	9,540
41212 .....	KASN .....	1,175,627	1,159,721	9,887
7143 .....	KASW .....	4,174,437	4,160,497	35,468
55049 .....	KASY-TV .....	1,144,839	1,099,825	9,376
33471 .....	KATC .....	1,348,897	1,348,897	11,499
13813 .....	KATN .....	97,466	97,128	828
21649 .....	KATU .....	2,977,993	2,845,582	24,259
33543 .....	KATV .....	1,257,777	1,234,933	10,528
50182 .....	KAUT-TV .....	1,637,333	1,636,330	13,950
6864 .....	KAUZ-TV .....	381,671	379,435	3,235
73101 .....	KAVU-TV .....	319,618	319,484	2,724
49579 .....	KAWB .....	186,919	186,845	1,593

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
49578	KAWE	136,033	133,937	1,142
58684	KAYU-TV	809,464	750,766	6,400
29234	KAZA-TV	14,973,535	13,810,130	117,731
17433	KAZD	6,776,778	6,774,172	57,750
1151	KAZQ	1,097,010	1,084,327	9,244
35811	KAZT-TV	436,925	359,273	3,063
4148	KBAK-TV	1,510,400	1,263,910	10,775
16940	KBCA	479,260	479,219	4,085
53586	KBCB	1,256,193	1,223,883	10,434
69619	KBCW	8,227,562	7,375,199	62,874
22685	KBDI-TV	4,042,177	3,683,394	31,401
56384	KBEH	17,736,497	17,695,306	150,852
65395	KBFD-DT	953,207	834,341	7,113
169030	KBGS-TV	159,269	156,802	1,337
61068	KBHE-TV	140,860	133,082	1,135
48556	KBIM-TV	205,701	205,647	1,753
29108	KBIN-TV	912,921	911,725	7,772
33658	KBJR-TV	275,585	271,298	2,313
83306	KBLN-TV	297,384	134,927	1,150
63768	KBLR	1,964,979	1,915,861	16,333
53324	KBME-TV	123,571	123,485	1,053
10150	KBMT	743,009	742,369	6,329
22121	KBMY	119,993	119,908	1,022
49760	KBOI-TV	715,191	708,374	6,039
55370	KBRR	149,869	149,868	1,278
66414	KBSD-DT	155,012	154,891	1,320
66415	KBSH-DT	102,781	100,433	856
19593	KBSI	756,501	754,722	6,434
66416	KBSL-DT	49,814	48,483	413
4939	KBSV	1,352,166	1,262,708	10,765
62469	KBTC-TV	3,697,981	3,621,965	30,877
61214	KBTU-TV	734,008	734,008	6,257
6669	KBTX-TV	4,404,648	4,401,048	37,519
35909	KBVO	1,498,015	1,312,360	11,188
58618	KBVU	135,249	120,827	1,030
6823	KBYU-TV	2,389,548	2,209,060	18,832
33756	KBZK	120,807	107,817	919
21422	KCAL-TV	17,499,483	16,889,157	143,980
11265	KCAU-TV	714,315	706,224	6,021
14867	KCBA	3,088,394	2,369,803	20,203
27507	KCBD	414,804	414,091	3,530
9628	KCBS-TV	17,853,152	16,656,778	141,999
49750	KCBY-TV	89,156	73,211	624
33710	KCCI	1,102,130	1,095,326	9,338
9640	KCCW-TV	284,280	276,935	2,361
63158	KCDO-TV	2,798,103	2,650,225	22,593
62424	KCDT	698,389	657,101	5,602
83913	KCEB	1,163,228	1,159,665	9,886
57219	KCEC	3,831,192	3,613,287	30,803
10245	KCEN-TV	1,795,767	1,757,018	14,979
13058	KCET	16,875,019	15,402,588	131,307
18079	KCFW-TV	148,162	129,122	1,101
132606	KCGE-DT	123,930	123,930	1,057
60793	KCHF	1,118,671	1,085,205	9,251
33722	KCIT	382,477	381,818	3,255
62468	KCKA	953,680	804,362	6,857
41969	KCLO-TV	138,413	132,157	1,127
47903	KCNC-TV	3,794,400	3,541,089	30,188
71586	KCNS	8,270,858	7,381,656	62,929
33742	KCOP-TV	17,386,133	16,647,708	141,922
19117	KCOS	1,014,396	1,014,205	8,646
63165	KCOY-TV	664,655	459,468	3,917
33894	KCPQ	4,439,875	4,311,994	36,760
53843	KCPT	2,507,879	2,506,224	21,366
33875	KCRA-TV	10,612,483	6,500,774	55,419
9719	KCRG-TV	1,136,762	1,107,130	9,438
60728	KCSD-TV	273,553	273,447	2,331
59494	KCSG	174,814	164,765	1,405
33749	KCTS-TV	4,177,824	4,115,603	35,086
41230	KCTV	2,547,456	2,545,645	21,702
58605	KCVU	630,068	616,068	5,252

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
10036	KCWC-DT	44,216	39,439	336
64444	KCWE	2,460,172	2,458,913	20,962
51502	KCWI-TV	1,043,811	1,042,642	8,889
42008	KCWO-TV	50,707	50,685	432
166511	KCWV	207,398	207,370	1,768
24316	KCWX	3,961,268	3,954,787	33,715
68713	KCWY-DT	79,948	79,414	677
22201	KDAF	6,648,507	6,645,226	56,651
33764	KDBC-TV	1,015,564	1,015,162	8,654
79258	KDCK	43,088	43,067	367
166332	KDCU-DT	796,251	795,504	6,782
38375	KDEN-TV	3,376,799	3,351,182	28,569
17037	KDFI	6,684,439	6,682,487	56,968
33770	KDFW	6,659,312	6,657,023	56,751
29102	KDIN-TV	1,088,376	1,083,845	9,240
25454	KDKA-TV	3,611,796	3,450,690	29,417
60740	KDKF	71,413	64,567	550
4691	KDLH	263,422	260,394	2,220
41975	KDLO-TV	208,354	208,118	1,774
55379	KDLT-TV	639,284	628,281	5,356
55375	KDLV-TV	96,873	96,620	824
25221	KDMD	375,328	373,408	3,183
78915	KDMI	1,141,990	1,140,939	9,727
56524	KDNL-TV	2,987,219	2,982,311	25,424
24518	KDOC-TV	17,503,793	16,701,233	142,378
1005	KDOR-TV	1,112,060	1,108,556	9,450
60736	KDRV	519,706	440,002	3,751
61064	KDSD-TV	64,314	59,635	508
53329	KDSE	42,896	41,432	353
56527	KDSM-TV	1,096,220	1,095,478	9,339
49326	KDTN	6,602,327	6,600,186	56,267
83491	KDTP	26,564	24,469	209
33778	KDTV-DT	7,959,349	7,129,638	60,780
67910	KDTX-TV	6,680,738	6,679,424	56,942
126	KDVR	3,644,912	3,521,884	30,024
18084	KECI-TV	211,745	193,803	1,652
51208	KECY-TV	399,372	394,379	3,362
58408	KEDT	513,683	513,683	4,379
55435	KEET	177,313	159,960	1,364
41983	KELO-TV	705,364	646,126	5,508
34440	KEMO-TV	8,270,858	7,381,656	62,929
2777	KEMV	619,889	559,135	4,767
26304	KENS	2,544,094	2,529,382	21,563
63845	KENV-DT	47,220	40,677	347
18338	KENW	87,017	87,017	742
50591	KEPB-TV	576,964	523,655	4,464
56029	KEPR-TV	453,259	433,260	3,694
49324	KERA-TV	6,681,083	6,677,852	56,929
40878	KERO-TV	1,285,357	1,164,979	9,931
61067	KESD-TV	166,018	159,195	1,357
25577	KESQ-TV	1,334,172	572,057	4,877
50205	KETA-TV	1,702,441	1,688,227	14,392
62182	KETC	2,913,924	2,911,313	24,819
37101	KETD	3,323,570	3,285,231	28,007
2768	KETG	426,883	409,511	3,491
12895	KETH-TV	6,088,821	6,088,677	51,906
55643	KETK-TV	1,031,567	1,030,122	8,782
2770	KETS	1,185,111	1,166,796	9,947
53903	KETV	1,355,714	1,350,740	11,515
92872	KETZ	526,890	523,877	4,466
68853	KEYC-TV	544,900	531,079	4,527
33691	KEYE-TV	2,732,257	2,652,529	22,613
60637	KEYT-TV	1,419,564	1,239,577	10,567
83715	KEYU	339,348	339,302	2,893
34406	KEZI	1,113,171	1,065,880	9,087
34412	KFBB-TV	93,519	91,964	784
125	KFCT	795,114	788,747	6,724
51466	KFDA-TV	385,064	383,977	3,273
22589	KFDM	732,665	732,588	6,245
65370	KFDX-TV	381,703	381,318	3,251
49264	KFFV	4,020,926	3,987,153	33,990

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
12729	KFFX-TV	409,952	403,692	3,441
83992	KFJX	515,708	505,647	4,311
42122	KFMB-TV	3,947,735	3,699,981	31,542
53321	KFME	393,045	392,472	3,346
74256	KFNB	80,382	79,842	681
21613	KFNE	54,988	54,420	464
21612	KFNR	10,988	10,965	93
66222	KFOR-TV	1,616,459	1,615,614	13,773
33716	KFOX-TV	1,023,999	1,018,549	8,683
41517	KFPH-DT	347,579	282,838	2,411
81509	KFPX-TV	963,969	963,846	8,217
31597	KFQX	186,473	163,637	1,395
59013	KFRE-TV	1,721,275	1,705,484	14,539
51429	KFSF-DT	7,348,828	6,528,430	55,655
66469	KFSM-TV	906,728	884,919	7,544
8620	KFSN-TV	1,836,607	1,819,585	15,512
29560	KFTA-TV	818,859	809,173	6,898
83714	KFTC	61,990	61,953	528
60537	KFTH-DT	6,080,688	6,080,373	51,835
60549	KFTR-DT	17,560,679	16,305,726	139,006
61335	KFTS	74,936	65,126	555
81441	KFTU-DT	113,876	109,731	935
34439	KFTV-DT	1,794,984	1,779,917	15,174
36917	KFVE	953,895	851,585	7,260
592	KFVS-TV	895,871	873,777	7,449
29015	KFWD	6,610,836	6,598,496	56,252
35336	KFXA	875,538	874,070	7,451
17625	KFXB-TV	373,280	368,466	3,141
70917	KFXK-TV	934,043	931,791	7,944
84453	KFXL-TV	862,531	854,678	7,286
41427	KFYR-TV	130,881	128,301	1,094
25685	KGAN	1,083,213	1,057,597	9,016
34457	KGBT-TV	1,230,798	1,230,791	10,492
52593	KGBY	270,089	218,544	1,863
7841	KGCW	949,575	945,476	8,060
24485	KGEB	1,186,225	1,150,201	9,805
34459	KGET-TV	917,927	874,332	7,454
53320	KGFE	114,564	114,564	977
7894	KGIN	230,535	228,338	1,947
83945	KGLA-DT	1,645,641	1,645,641	14,029
34445	KGMB	953,398	851,088	7,256
23302	KGMC	1,824,786	1,803,796	15,377
36914	KGMD-TV	94,323	93,879	800
36920	KGMV	193,564	162,230	1,383
10061	KGNS-TV	267,236	259,548	2,213
34470	KGO-TV	8,637,074	7,929,294	67,597
56034	KGPE	1,699,131	1,682,082	14,340
81694	KGPM-TV	685,626	624,955	5,328
25511	KGTF	161,885	160,568	1,369
40876	KGTU	3,960,667	3,682,219	31,391
36918	KGUN-TV	1,398,527	1,212,484	10,336
34874	KGW	3,058,216	2,881,387	24,564
63177	KGWC-TV	80,475	80,009	682
63162	KGWL-TV	38,125	38,028	324
63166	KGWN-TV	469,467	440,388	3,754
63170	KGWR-TV	51,315	50,957	434
4146	KHAW-TV	95,204	94,851	809
34846	KHBC-TV	74,884	74,884	638
60353	KHBS	631,770	608,052	5,184
27300	KHCE-TV	2,353,883	2,348,391	20,020
26431	KHET	959,060	944,568	8,052
21160	KHGI-TV	233,973	229,173	1,954
29085	KHIN	1,041,244	1,039,383	8,861
17688	KHME	181,345	179,706	1,532
47670	KHMT	175,601	170,957	1,457
47987	KHNE-TV	203,931	202,944	1,730
34867	KHNL	953,398	851,088	7,256
60354	KHOG-TV	765,360	702,984	5,993
4144	KHON-TV	953,207	886,431	7,557
34529	KHOU	6,083,336	6,081,785	51,847
4690	KHQA-TV	318,469	316,134	2,695

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
34537	KHQ-TV	822,371	774,821	6,605
30601	KHRR	1,227,847	1,166,890	9,948
34348	KHSD-TV	188,735	185,202	1,579
24508	KHSL-TV	625,904	608,850	5,190
69677	KHSV	2,059,794	2,020,045	17,221
64544	KHVO	94,226	93,657	798
23394	KIAH	6,099,694	6,099,297	51,997
34564	KICU-TV	8,233,041	7,174,316	61,161
56028	KIDK	305,509	302,535	2,579
58560	KIDY	116,614	116,596	994
53382	KIEM-TV	174,390	160,801	1,371
66258	KIFI-TV	324,422	320,118	2,729
10188	KIII	569,864	566,796	4,832
29095	KIIN	1,365,215	1,335,707	11,387
34527	KIKU	953,896	850,963	7,254
63865	KILM	17,256,205	15,804,489	134,733
56033	KIMA-TV	308,604	260,593	2,222
66402	KIMT	654,083	643,384	5,485
67089	KINC	2,002,066	1,920,903	16,376
34847	KING-TV	4,074,288	4,036,926	34,415
51708	KINT-TV	1,015,582	1,015,274	8,655
26249	KION-TV	2,400,317	855,808	7,296
62427	KIPT	171,405	170,455	1,453
66781	KIRO-TV	4,058,101	4,030,968	34,364
62430	KISU-TV	311,827	307,651	2,623
12896	KITU-TV	712,362	712,362	6,073
64548	KITV	953,207	839,906	7,160
59255	KIVI-TV	710,819	702,619	5,990
47285	KIXE-TV	467,518	428,118	3,650
13792	KJJC-TV	82,749	81,865	698
14000	KJLA	17,929,100	16,794,896	143,176
20015	KJNP-TV	98,403	98,097	836
53315	KJRE	16,187	16,170	138
59439	KJRH-TV	1,416,108	1,397,311	11,912
55364	KJRR	45,515	44,098	376
7675	KJTL	379,594	379,263	3,233
55031	KJTV-TV	406,283	406,260	3,463
13814	KJUD	31,229	30,106	257
36607	KJZZ-TV	2,388,965	2,209,183	18,833
83180	KKAI	955,203	941,214	8,024
58267	KKAP	957,786	923,172	7,870
24766	KKCO	206,018	172,628	1,472
35097	KKJB	629,939	624,784	5,326
22644	KKPX-TV	7,588,288	6,758,490	57,616
35037	KKTU	2,892,126	2,478,864	21,132
35042	KLAS-TV	2,094,297	1,940,030	16,539
52907	KLAX-TV	367,212	366,839	3,127
3660	KLBK-TV	387,783	387,743	3,306
65523	KLBY	31,102	31,096	265
38430	KLCS	16,875,019	15,402,588	131,307
77719	KLCW-TV	381,889	381,816	3,255
51479	KLDO-TV	250,832	250,832	2,138
37105	KLEI	175,045	138,087	1,177
56032	KLEW-TV	164,908	148,256	1,264
35059	KLFY-TV	1,355,890	1,355,409	11,555
54011	KLJB	1,027,104	1,012,309	8,630
11264	KLKN	932,757	895,101	7,631
47975	KLNE-TV	120,338	120,277	1,025
38590	KLPA-TV	414,699	414,447	3,533
38588	KLPB-TV	749,053	749,053	6,386
749	KLRN	2,374,472	2,353,440	20,063
11951	KLRT-TV	1,171,678	1,152,541	9,825
8564	KLRU	2,614,658	2,575,518	21,956
8322	KLSR-TV	564,415	508,157	4,332
31114	KLST	199,067	169,551	1,445
24436	KLTJ	6,034,131	6,033,867	51,439
38587	KLTL-TV	423,574	423,574	3,611
38589	KLTM-TV	694,280	688,915	5,873
38591	KLTS-TV	883,661	882,589	7,524
68540	KLTV	1,069,690	1,051,361	8,963
12913	KLUJ-TV	1,195,751	1,195,751	10,194



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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
57220	KLuz-TV	1,079,718	1,019,302	8,690
11683	KLVX	2,044,150	1,936,083	16,505
82476	KLWB	1,065,748	1,065,748	9,086
40250	KLWY	541,043	538,231	4,588
64551	KMAU	213,060	188,953	1,611
51499	KMAX-TV	10,767,605	7,132,240	60,802
65686	KMBC-TV	2,507,895	2,506,661	21,369
56079	KMBH	1,225,732	1,225,732	10,449
35183	KMCB	69,357	66,203	564
41237	KMCC	2,064,592	2,010,262	17,137
42636	KMCI-TV	2,429,392	2,428,626	20,704
38584	KMCT-TV	267,004	266,880	2,275
22127	KMCY	71,797	71,793	612
162016	KMDE	35,409	35,401	302
26428	KMEB	221,810	203,470	1,735
39665	KMEG	708,748	704,130	6,003
35123	KMEX-DT	17,628,354	16,318,720	139,117
40875	KMGH-TV	3,815,253	3,574,365	30,471
35131	KMID	383,449	383,439	3,269
16749	KMIR-TV	2,760,914	730,764	6,230
63164	KMIZ	532,025	530,008	4,518
53541	KMLM-DT	293,290	293,290	2,500
52046	KMLU	711,951	708,107	6,037
47981	KMNE-TV	47,232	44,189	377
24753	KMOH-TV	199,885	184,283	1,571
4326	KMOS-TV	804,745	803,129	6,847
41425	KMOT	81,517	79,504	678
70034	KMOV	3,035,077	3,029,405	25,826
51488	KMPH-TV	1,725,397	1,697,871	14,474
73701	KMPX	6,678,829	6,674,706	56,902
44052	KMSB	1,321,614	1,039,442	8,861
68883	KMSP-TV	3,832,040	3,805,141	32,439
12525	KMSS-TV	1,068,120	1,066,388	9,091
43095	KMTP-TV	5,252,062	4,457,617	38,001
35189	KMTR	589,948	520,666	4,439
35190	KMTV-TV	1,346,549	1,344,796	11,464
77063	KMTW	761,521	761,516	6,492
35200	KMVT	184,647	176,351	1,503
32958	KMVU-DT	308,150	231,506	1,974
86534	KMYA-DT	200,764	200,719	1,711
51518	KMYS	2,273,888	2,267,913	19,334
54420	KMYT-TV	1,314,197	1,302,378	11,103
35822	KMYU	133,563	130,198	1,110
993	KNAT-TV	1,157,630	1,124,619	9,587
24749	KNAZ-TV	332,321	327,658	1,941
47906	KNBC	17,859,647	16,555,232	141,133
81464	KNBN	145,493	136,995	1,168
9754	KNCT	1,751,838	1,726,148	14,715
82611	KNDB	118,154	118,122	1,007
82615	KNDM	72,216	72,209	616
12395	KNDO	314,875	270,892	2,309
12427	KNDU	475,612	462,556	3,943
17683	KNEP	101,389	95,890	817
48003	KNHL	277,777	277,308	2,364
125710	KNIC-DT	2,398,296	2,383,294	20,318
59363	KNIN-TV	708,289	703,838	6,000
48525	KNLC	2,981,508	2,978,979	25,396
48521	KNLJ	655,000	642,705	5,479
84215	KNMD-TV	1,120,286	1,100,869	9,385
55528	KNME-TV	1,149,036	1,103,695	9,409
47707	KNMT	2,887,142	2,794,995	23,827
48975	KNOE-TV	733,097	729,703	6,221
49273	KNOP-TV	87,904	85,423	728
10228	KNPB	604,614	462,732	3,945
55362	KNRR	25,937	25,931	221
35277	KNSD	3,861,660	3,618,321	30,846
19191	KNSN-TV	611,981	459,485	3,917
58608	KNSO	1,976,317	1,931,825	16,469
35280	KNTV	8,525,818	8,027,505	68,434
144	KNVA	2,550,225	2,529,184	21,561
33745	KNVN	495,902	470,252	4,009

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
69692	KNVO	1,247,014	1,247,014	10,631
29557	KNWA-TV	822,906	804,682	6,860
16950	KNXT	2,180,045	2,160,460	18,418
59440	KNXV-TV	4,183,943	4,173,022	35,575
59014	KOAA-TV	1,608,528	1,203,731	10,262
50588	KOAB-TV	207,070	203,371	1,734
50590	KOAC-TV	1,957,282	1,543,401	13,157
58552	KOAM-TV	595,307	584,921	4,986
53928	KOAT-TV	1,132,372	1,105,116	9,421
35313	KOB	1,152,841	1,113,162	9,490
35321	KOBF	201,911	166,177	1,417
8260	KOBI	562,463	519,063	4,425
62272	KOBR	211,709	211,551	1,803
50170	KOCB	1,629,783	1,629,152	13,889
4328	KOCE-TV	17,447,903	16,331,792	139,229
84225	KOCM	1,434,325	1,433,605	12,221
12508	KOCO-TV	1,716,569	1,708,085	14,561
83181	KOCW	83,807	83,789	714
18283	KODE-TV	740,156	731,512	6,236
66195	KOED-TV	1,497,297	1,459,833	12,445
50198	KOET	658,606	637,640	5,436
51189	KOFY-TV	5,252,062	4,457,617	38,001
34859	KOGG	190,829	161,310	1,375
166534	KOHD	201,310	197,662	1,685
35380	KOIN	3,028,482	2,881,460	24,564
35388	KOKH-TV	1,627,116	1,625,246	13,855
11910	KOKI-TV	1,366,220	1,352,227	11,528
48663	KOLD-TV	1,216,228	887,754	7,568
7890	KOLN	1,225,400	1,190,178	10,146
63331	KOLO-TV	959,178	826,985	7,050
28496	KOLR	1,076,144	1,038,613	8,854
21656	KOMO-TV	4,132,260	4,087,435	34,845
65583	KOMU-TV	551,658	542,544	4,625
35396	KONG	4,006,008	3,985,271	33,974
60675	KOOD	113,416	113,285	966
50589	KOPB-TV	3,059,231	2,875,815	24,516
2566	KOPX-TV	1,501,110	1,500,883	12,795
64877	KORO	560,983	560,983	4,782
6865	KOSA-TV	340,978	338,070	2,882
34347	KOTA-TV	174,876	152,861	1,303
8284	KOTI	298,175	97,132	828
35434	KOTV-DT	1,417,753	1,403,838	11,968
56550	KOVR	10,784,477	7,162,989	61,064
51101	KOZJ	429,982	427,991	3,649
51102	KOZK	839,841	834,308	7,112
3659	KOZL-TV	992,495	963,281	8,212
35455	KPAX-TV	206,895	193,201	1,647
67868	KPAZ-TV	4,190,080	4,176,323	35,603
6124	KPBS	3,584,237	3,463,189	29,524
50044	KPBT-TV	340,080	340,080	2,899
77452	KPCB-DT	30,861	30,835	263
35460	KPDX	2,970,703	2,848,423	24,283
12524	KPEJ-TV	368,212	368,208	3,139
41223	KPHO-TV	4,195,073	4,175,139	35,593
61551	KPIC	156,687	105,807	902
86205	KPIF	265,080	258,174	2,201
25452	KPIX-TV	8,340,753	7,480,594	63,772
58912	KPJK	7,884,411	6,955,179	59,293
166510	KPJR-TV	3,402,088	3,372,831	28,753
13994	KPLC	1,406,085	1,403,853	11,968
41964	KPLO-TV	55,827	52,765	450
35417	KPLR-TV	2,968,619	2,965,673	25,282
12144	KPMR	1,731,370	1,473,251	12,559
47973	KPNE-TV	92,675	89,021	759
35486	KPNX	4,215,834	4,184,428	35,672
77512	KPNZ	2,394,311	2,208,707	18,829
73998	KPOB-TV	144,525	143,656	1,225
26655	KPPX-TV	4,186,998	4,171,450	35,562
53117	KPRC-TV	6,099,422	6,099,076	51,995
48660	KPRY-TV	42,521	42,426	362
61071	KPSD-TV	19,886	18,799	160

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
53544	KPTB-DT	322,780	320,646	2,734
81445	KPTF-DT	84,512	84,512	720
77451	KPTH	660,556	655,373	5,587
51491	KPTM	1,414,998	1,414,014	12,054
33345	KPTS	832,000	827,866	7,058
50633	KPTV	2,998,460	2,847,263	24,273
82575	KPTW	80,374	80,012	682
1270	KPVI-DT	271,379	264,204	2,252
58835	KPXB-TV	6,062,472	6,062,271	51,681
68695	KPXC-TV	3,362,518	3,341,951	28,490
68834	KPXD-TV	6,555,157	6,553,373	55,868
33337	KPXE-TV	2,437,178	2,436,024	20,767
5801	KPXG-TV	3,026,219	2,882,598	24,574
81507	KPXJ	1,138,632	1,135,626	9,681
61173	KPXL-TV	2,257,007	2,243,520	19,126
35907	KPXM-TV	3,507,312	3,506,503	29,893
58978	KPXN-TV	17,256,205	15,804,489	134,733
77483	KPXO-TV	953,329	913,341	7,786
21156	KPXR-TV	828,915	821,250	7,001
10242	KQCA	10,077,891	6,276,197	53,505
41430	KQCD-TV	35,623	33,415	285
18287	KQCK	3,220,160	3,162,711	26,962
78322	KQCW-DT	1,128,198	1,123,324	9,576
35525	KQDS-TV	304,935	301,439	2,570
35500	KQED	8,195,398	7,283,828	62,095
35663	KQEH	8,195,398	7,283,828	62,095
8214	KQET	2,981,040	2,076,157	17,699
5471	KQIN	596,371	596,277	5,083
17686	KQME	188,783	184,719	1,575
61063	KQSD-TV	32,526	31,328	267
8378	KQSL	196,316	133,564	1,139
20427	KQTV	1,494,987	1,401,160	11,945
78921	KQUP	697,016	551,824	4,704
306	KRBC-TV	229,395	229,277	1,955
166319	KRBK	983,888	966,187	8,237
22161	KRCA	17,540,791	16,957,292	144,561
57945	KRCB	8,783,441	8,503,802	72,495
41110	KRCG	684,989	662,418	5,647
8291	KRCR-TV	423,000	402,594	3,432
10192	KRCW-TV	2,966,912	2,842,523	24,233
49134	KRDK-TV	349,941	349,929	2,983
52579	KRDO-TV	2,622,603	2,272,383	19,372
70578	KREG-TV	149,306	95,141	811
34868	KREM	817,619	752,113	6,412
51493	KREN-TV	810,039	681,212	5,807
70596	KREX-TV	145,700	145,606	1,241
70579	KREY-TV	74,963	65,700	560
48589	KREZ-TV	148,079	105,121	896
43328	KRGV-TV	1,247,057	1,247,029	10,631
82698	KRII	133,840	132,912	1,133
29114	KRIN	949,313	923,735	7,875
25559	KRIS-TV	561,825	561,718	4,789
22204	KRIV	6,078,936	6,078,846	51,822
14040	KRMA-TV	3,722,512	3,564,949	30,391
14042	KRMJ	174,094	159,511	1,360
20476	KRMT	2,956,144	2,864,236	24,418
84224	KRMU	85,274	72,499	618
20373	KRMZ	36,293	33,620	287
47971	KRNE-TV	47,473	38,273	326
60307	KRNV-DT	955,490	792,543	6,756
65526	KRON-TV	8,573,167	8,028,256	68,441
53539	KRPV-DT	65,943	65,943	562
48575	KRQE	1,135,461	1,105,093	9,421
57431	KRSU-TV	1,000,289	998,310	8,511
82613	KRTN-TV	96,062	74,452	635
35567	KRTV	92,645	90,849	774
84157	KRWB-TV	111,538	110,979	946
35585	KRWF	85,596	85,596	730
55516	KRWG-TV	894,492	661,703	5,641
48360	KRXI-TV	725,391	548,865	4,679
307	KSAN-TV	135,063	135,051	1,151

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
11911	KSAS-TV	752,513	752,504	6,415
53118	KSAT-TV	2,539,658	2,502,246	21,332
35584	KSAX	365,209	365,209	3,113
35587	KSAZ-TV	4,203,126	4,178,448	35,621
38214	KSBI	1,577,231	1,575,865	13,434
19653	KSBW	5,083,461	4,429,165	37,759
19654	KSBY	535,029	495,562	4,225
82910	KSCC	517,740	517,740	4,414
10202	KSCE	1,015,148	1,010,581	8,615
35608	KSCI	17,447,903	16,331,792	139,229
72348	KSCW-DT	915,691	910,511	7,762
46981	KSDK	2,986,764	2,979,035	25,396
35594	KSEE	1,761,193	1,746,282	14,887
48658	KSFY-TV	670,536	607,844	5,182
17680	KSGW-TV	62,178	57,629	491
59444	KSHB-TV	2,432,205	2,431,273	20,727
73706	KSHV-TV	943,947	942,978	8,039
29096	KSIN-TV	340,143	338,811	2,888
664	KSIX-TV	82,902	73,553	627
35606	KSKN	731,818	643,590	5,487
70482	KSLA	1,017,556	1,016,667	8,667
6359	KSL-TV	2,390,742	2,206,920	18,814
71558	KSMN	320,813	320,808	2,735
33336	KSMO-TV	2,401,201	2,398,686	20,449
28510	KSMQ-TV	524,391	507,983	4,331
35611	KSMS-TV	1,589,263	882,948	7,527
21161	KSNB-TV	658,560	656,650	5,598
72359	KSNC	174,135	173,744	1,481
67766	KSNF	621,919	617,868	5,267
72361	KSNB-TV	145,058	144,822	1,235
72362	KSNK	48,715	45,414	387
67335	KSNT	622,818	594,604	5,069
10179	KSNV	1,967,781	1,919,296	16,362
72358	KSNW	791,403	791,127	6,744
61956	KSPS-TV	819,101	769,852	6,563
52953	KSPX-TV	7,078,228	5,275,946	44,977
166546	KSQA	382,328	374,290	3,191
53313	KSRE	75,181	75,181	641
35843	KSTC-TV	3,843,788	3,835,674	32,699
63182	KSTF	51,317	51,122	436
28010	KSTP-TV	3,788,898	3,782,053	32,242
60534	KSTR-DT	6,632,577	6,629,296	56,515
64987	KSTS	8,363,473	7,264,852	61,933
22215	KSTU	2,384,996	2,201,716	18,770
23428	KSTW	4,265,956	4,186,266	35,688
5243	KSVI	175,390	173,667	1,481
58827	KSWB-TV	3,677,190	3,488,655	29,741
60683	KSWK	79,012	78,784	672
35645	KSWO-TV	483,132	458,057	3,905
61350	KSYS	519,209	443,204	3,778
59988	KTAB-TV	270,967	268,579	2,290
999	KTAJ-TV	2,343,843	2,343,227	19,976
35648	KTAL-TV	1,094,332	1,092,958	9,317
12930	KTAS	471,882	464,149	3,957
81458	KTAZ	4,182,503	4,160,481	35,468
35649	KTBC	3,242,215	2,956,614	25,205
67884	KTBN-TV	17,795,677	16,510,302	140,750
67999	KTBO-TV	1,585,283	1,583,664	13,501
35652	KTBS-TV	1,163,228	1,159,665	9,886
28324	KTBU	6,035,927	6,035,725	51,455
67950	KTBW-TV	4,202,104	4,108,031	35,021
35655	KTBY	348,080	346,562	2,954
68594	KTCA-TV	3,693,877	3,684,081	31,407
68597	KTCL-TV	3,606,606	3,597,183	30,666
35187	KTCW	103,341	89,207	760
36916	KTDO	1,015,336	1,010,771	8,617
2769	KTEJ	419,750	417,368	3,558
83707	KTEL-TV	53,423	53,414	455
35666	KTEN	602,788	599,778	5,113
24514	KTFD-TV	3,210,669	3,172,543	27,046
35512	KTFF-DT	2,225,169	2,203,398	18,784

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
20871	KTFK-DT	6,969,307	5,211,719	44,430
68753	KTFN	1,017,335	1,013,157	8,637
35084	KTFQ-TV	1,151,433	1,117,061	9,523
29232	KTGM	159,358	159,091	1,356
2787	KTHV	1,275,062	1,246,348	10,625
29100	KTIN	281,096	279,385	2,382
66170	KTIV	751,089	746,274	6,362
49397	KTKA-TV	759,369	746,370	6,363
35670	KTLA	18,156,910	16,870,262	143,819
62354	KTLM	1,044,526	1,044,509	8,904
49153	KTLN-TV	5,381,955	4,740,894	40,416
64984	KTMD	6,095,741	6,095,606	51,965
14675	KTMF	187,251	168,526	1,437
10177	KTMW	2,261,671	2,144,791	18,284
21533	KTNC-TV	8,270,858	7,381,656	62,929
47996	KTNE-TV	100,341	95,324	813
60519	KTNL-TV	8,642	8,642	74
74100	KTNV-TV	2,094,506	1,936,752	16,511
71023	KTNW	450,926	432,398	3,686
8651	KTOO-TV	31,269	31,176	266
7078	KTPX-TV	1,066,196	1,063,754	9,069
68541	KTRE	441,879	421,406	3,592
35675	KTRK-TV	6,114,259	6,112,870	52,112
28230	KTRV-TV	714,833	707,557	6,032
69170	KTSC	3,124,536	2,949,795	25,147
61066	KTSD-TV	83,645	82,828	706
37511	KTSF	7,959,349	7,129,638	60,780
67760	KTSM-TV	1,015,348	1,011,264	8,621
35678	KTTC	815,213	731,919	6,240
28501	KTTM	76,133	73,664	628
11908	KTTU	1,324,801	1,060,613	9,042
22208	KTTV	17,380,551	16,693,085	142,309
28521	KTTW	329,633	326,405	2,783
65355	KTTZ-TV	380,240	380,225	3,241
35685	KTUL	1,416,959	1,388,183	11,834
10173	KUUU-TV	380,240	379,047	3,231
77480	KUZZ-TV	1,668,531	1,666,026	14,203
49632	KTVA	342,517	342,300	2,918
34858	KTVB	714,865	707,882	6,035
31437	KTVC	137,239	100,204	854
68581	KTVD	3,800,970	3,547,607	30,243
35692	KTVE	641,139	640,201	5,458
49621	KTVF	98,068	97,929	835
5290	KTVH-DT	228,832	184,264	1,571
35693	KTVI	2,995,764	2,991,513	25,503
40993	KTVK	4,184,825	4,173,028	35,575
22570	KTVL	419,849	369,469	3,150
18066	KTVM-TV	260,105	217,694	1,856
59139	KTVN	955,490	800,420	6,824
21251	KTVO	148,780	148,647	1,267
35694	KTVQ	179,797	173,271	1,477
50592	KTVR	147,808	54,480	464
23422	KTVT	6,912,366	6,908,715	58,897
35703	KTVU	8,297,634	7,406,751	63,143
35705	KTVW-DT	4,173,111	4,159,807	35,462
68889	KTVX	2,389,392	2,200,520	18,759
55907	KTVZ	201,828	198,558	1,693
18286	KTWO-TV	80,426	79,905	681
70938	KTWU	1,703,798	1,562,305	13,319
51517	KTXA	6,915,461	6,911,822	58,923
42359	KTXD-TV	6,706,651	6,704,781	57,158
51569	KTXH	6,092,710	6,092,525	51,939
10205	KTXL	8,306,449	5,896,320	50,266
308	KTXS-TV	247,603	246,760	2,104
69315	KUAC-TV	98,717	98,189	837
51233	KUAM-TV	159,358	159,358	1,359
2722	KUAS-TV	994,802	977,391	8,332
2731	KUAT-TV	1,485,024	1,253,342	10,685
60520	KUBD	14,817	13,363	114
70492	KUBE-TV	6,090,970	6,090,817	51,924
1136	KUCW	2,388,889	2,199,787	18,753

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
69396	KUED	2,388,995	2,203,093	18,781
69582	KUEN	2,364,481	2,184,483	18,623
82576	KUES	30,925	25,978	221
82585	KUEW	132,168	120,411	1,027
66611	KUFM-TV	187,680	166,697	1,421
169028	KUGF-TV	86,622	85,986	733
68717	KUHM-TV	154,836	145,241	1,238
69269	KUHT	6,090,213	6,089,665	51,914
62382	KUID-TV	432,855	284,023	2,421
169027	KUKL-TV	124,505	115,844	988
35724	KULR-TV	177,242	170,142	1,450
41429	KUMV-TV	41,607	41,224	351
81447	KUNP	130,559	43,472	371
4624	KUNS-TV	4,027,849	4,015,626	34,233
86532	KUOK	28,974	28,945	247
66589	KUON-TV	1,375,257	1,360,005	11,594
86263	KUPB	318,914	318,914	2,719
65535	KUPK	149,642	148,180	1,263
27431	KUPT	87,602	87,602	747
89714	KUPU	956,178	948,005	8,082
57884	KUPX-TV	2,374,672	2,191,229	18,680
23074	KUSA	3,803,461	3,561,587	30,363
61072	KUSD-TV	460,480	460,277	3,924
10238	KUSI-TV	3,572,818	3,435,670	29,289
43567	KUSM-TV	122,678	109,830	936
69694	KUTF	1,210,774	1,031,870	8,797
81451	KUTH-DT	2,219,788	2,027,174	17,282
68886	KUTP	4,191,015	4,176,014	35,601
35823	KUTV	2,388,625	2,199,731	18,753
63927	KUVE-DT	1,294,971	964,396	8,221
7700	KUVI-DT	1,204,490	1,009,943	8,610
35841	KUVN-DT	6,680,126	6,678,157	56,931
58609	KUVS-DT	4,043,413	4,005,657	34,148
49766	KVAL-TV	1,016,673	866,173	7,384
32621	KVAW	76,153	76,153	649
58795	KVCR-DT	18,215,524	17,467,140	148,907
35846	KVCT	288,221	287,446	2,450
10195	KVCW	1,967,550	1,918,811	16,358
64969	KVDA	2,566,563	2,548,720	21,728
19783	KVEA	17,423,429	16,146,250	137,647
12523	KVEO-TV	1,244,504	1,244,504	10,609
2495	KVEW	476,720	464,347	3,959
35852	KVHP	747,917	747,837	6,375
49832	KVIA-TV	1,015,350	1,011,266	8,621
35855	KVIE	10,759,440	7,467,369	63,659
40450	KVIH-TV	91,912	91,564	781
40446	KVII-TV	379,042	378,218	3,224
61961	KVLY-TV	350,732	350,449	2,988
16729	KVMD	6,145,526	4,116,524	35,093
83825	KVME-TV	26,711	22,802	194
25735	KVOA	1,317,956	1,030,404	8,784
35862	KVOS-TV	2,202,674	2,131,652	18,172
69733	KVPT	1,744,349	1,719,318	14,657
55372	KVRR	356,645	356,645	3,040
166331	KVSN-DT	2,706,244	2,283,409	19,466
608	KVTH-DT	303,755	299,230	2,551
2784	KVTJ-DT	1,466,426	1,465,802	12,496
607	KVTN-DT	936,328	925,884	7,893
35867	KVUE	2,661,290	2,611,314	22,261
78910	KVUI	257,964	251,872	2,147
35870	KVVU-TV	2,042,029	1,935,466	16,500
36170	KVYE	396,495	392,498	3,346
35095	KWBA-TV	1,129,524	1,073,029	9,148
78314	KWBM	657,822	639,560	5,452
27425	KWBN	953,207	840,455	7,165
76268	KWBQ	1,148,810	1,105,600	9,425
66413	KWCH-DT	883,647	881,674	7,516
71549	KWCM-TV	252,284	244,033	2,080
35419	KWDK	4,194,152	4,117,852	35,105
42007	KWES-TV	424,862	423,544	3,611
50194	KWET	127,976	112,750	961

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
35881	KWEX-DT	2,376,463	2,370,469	20,208
35883	KWGN-TV	3,706,495	3,513,577	29,953
37099	KWHB	979,393	978,719	8,344
37103	KWHD	97,959	94,560	806
36846	KWHE	952,966	834,341	7,113
26231	KWHY-TV	17,736,497	17,695,306	150,852
35096	KWKB	1,121,676	1,111,629	9,477
162115	KWKS	39,708	39,323	335
12522	KWKT-TV	1,299,675	1,298,478	11,070
21162	KWNB-TV	91,093	89,332	762
67347	KWOG	512,412	505,049	4,306
56852	KWPX-TV	4,220,008	4,148,577	35,367
6885	KWQC-TV	1,063,507	1,054,618	8,991
29121	KWSD	280,675	280,672	2,393
53318	KWSE	54,471	53,400	455
71024	KWSU-TV	725,554	468,295	3,992
25382	KWTV-DT	1,628,106	1,627,198	13,872
35903	KWTX-TV	2,071,023	1,972,365	16,814
593	KWWL	1,089,498	1,078,458	9,194
84410	KWWT	293,291	293,291	2,500
14674	KWYB	86,495	69,598	593
10032	KWYP-DT	128,874	126,992	1,083
35920	KXAN-TV	2,678,666	2,624,648	22,375
49330	KXAS-TV	6,774,295	6,771,827	57,730
24287	KXGN-TV	14,217	13,883	118
35954	KXII	2,323,974	2,264,951	19,309
55083	KXLA	17,929,100	16,794,896	143,176
35959	KXLF-TV	258,100	217,808	1,857
53847	KXLN-DT	6,085,891	6,085,712	51,881
35906	KXLT-TV	348,025	347,296	2,961
61978	KXLY-TV	772,116	740,960	6,317
55684	KXMA-TV	32,005	31,909	272
55686	KXMB-TV	142,755	138,506	1,181
55685	KXMC-TV	97,569	89,483	763
55683	KXMD-TV	37,962	37,917	323
47995	KXNE-TV	300,021	298,839	2,548
81593	KXNW	602,168	597,747	5,096
35991	KXRM-TV	1,843,363	1,500,689	12,793
1255	KXTF	121,558	121,383	1,035
25048	KXTV	10,759,864	7,477,140	63,743
35994	KXTX-TV	6,721,578	6,718,616	57,276
62293	KXVA	185,478	185,276	1,579
23277	KXVO	1,404,703	1,403,380	11,964
9781	KXXV	1,771,620	1,748,287	14,904
31870	KYAZ	6,038,257	6,038,071	51,475
21488	KYES-TV	381,413	380,355	3,243
29086	KYIN	581,748	574,691	4,899
60384	KYLE-TV	323,330	323,225	2,755
33639	KYMA-DT	396,278	391,619	3,339
47974	KYNE-TV	929,406	929,242	7,922
53820	KYOU-TV	651,334	640,935	5,464
36003	KYTV	1,095,904	1,083,524	9,237
55644	KYTX	927,327	925,550	7,890
13815	KYUR	379,943	379,027	3,231
5237	KYUS-TV	12,496	12,356	105
33752	KYVE	301,951	259,559	2,213
55762	KYVV-TV	67,201	67,201	573
25453	KYW-TV	11,061,941	10,876,511	92,722
69531	KZJL	6,037,458	6,037,272	51,468
69571	KZJO	4,147,016	4,097,776	34,934
61062	KZSD-TV	41,207	35,825	305
33079	KZTV	567,635	564,464	4,812
57292	WAAY-TV	1,498,006	1,428,197	12,175
1328	WABC-TV	20,948,273	20,560,001	175,274
43203	WABG-TV	393,020	392,348	3,345
17005	WABI-TV	530,773	510,729	4,354
16820	WABM	1,703,202	1,675,700	14,285
23917	WABW-TV	1,097,560	1,096,376	9,347
19199	WACH	1,403,222	1,400,385	11,938
189358	WACP	9,415,263	9,301,049	79,291
23930	WACS-TV	621,686	616,443	5,255

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
60018	WACX	4,292,829	4,288,149	36,556
361	WACY-TV	946,580	946,071	8,065
455	WADL	4,610,065	4,606,521	39,271
589	WAFB	1,857,882	1,857,418	15,834
591	WAFF	1,527,517	1,456,436	12,416
70689	WAGA-TV	6,000,355	5,923,191	50,495
48305	WAGM-TV	64,721	63,331	540
37809	WAGV	1,193,158	1,060,935	9,044
706	WAIQ	611,733	609,794	5,198
701	WAKA	799,637	793,645	6,766
4143	WALA-TV	1,320,419	1,318,127	11,237
70713	WALB	773,899	772,467	6,585
60536	WAMI-DT	5,449,193	5,449,193	46,454
70852	WAND	1,388,118	1,386,074	11,816
39270	WANE-TV	1,146,442	1,146,442	9,773
52280	WAOE	2,943,679	2,887,654	24,617
64546	WAOW	636,957	629,068	5,363
52073	WAPA-TV	3,764,742	2,794,738	23,825
49712	WAPT	793,621	791,620	6,749
67792	WAQP	2,135,670	2,131,399	18,170
13206	WATC-DT	5,732,204	5,705,819	48,642
71082	WATE-TV	1,874,433	1,638,059	13,964
22819	WATL	5,882,837	5,819,099	49,608
20287	WATM-TV	893,989	749,183	6,387
11907	WATN-TV	1,787,595	1,784,560	15,213
13989	WAVE	1,891,797	1,880,563	16,032
71127	WAVY-TV	2,080,708	2,080,691	17,738
54938	WAWD	579,079	579,023	4,936
65247	WAWV-TV	705,790	700,361	5,971
12793	WAXN-TV	2,677,951	2,669,224	22,755
65696	WBAL-TV	9,743,335	9,344,875	79,665
74417	WBAY-TV	1,225,928	1,225,335	10,446
71085	WBBH-TV	2,017,267	2,017,267	17,197
65204	WBBJ-TV	662,148	658,839	5,617
9617	WBBM-TV	9,914,233	9,907,806	84,464
9088	WBBZ-TV	1,269,256	1,260,686	10,747
70138	WBDT	3,660,544	3,646,874	31,090
51349	WBEC-TV	5,421,355	5,421,355	46,217
10758	WBFF	8,523,983	8,381,042	71,448
12497	WBFS-TV	5,349,613	5,349,613	45,605
6568	WBGU-TV	1,343,816	1,343,816	11,456
81594	WBIF	309,707	309,707	2,640
84802	WBIH	718,439	706,994	6,027
717	WBIQ	1,563,080	1,532,266	13,063
46984	WBIR-TV	1,978,347	1,701,857	14,508
67048	WBKB-TV	136,823	130,625	1,114
34167	WBKI	2,062,137	2,046,808	17,449
4692	WBKO	963,413	862,651	7,354
76001	WBKP	55,655	55,305	471
68427	WBMM	562,284	562,123	4,792
73692	WBNA	1,699,683	1,666,248	14,205
23337	WBNG-TV	1,435,634	1,051,932	8,968
71217	WBNS-TV	2,847,721	2,784,795	23,740
72958	WBNX-TV	3,639,256	3,630,531	30,950
71218	WBOC-TV	813,888	813,888	6,938
71220	WBOY-TV	711,302	621,367	5,297
60850	WBPH-TV	10,613,847	9,474,797	80,773
7692	WBPX-TV	6,833,712	6,761,949	57,646
5981	WBRA-TV	1,726,408	1,677,204	14,298
71221	WBRC	1,884,007	1,849,135	15,764
71225	WBRE-TV	2,879,196	2,244,735	19,136
38616	WBRZ-TV	2,223,336	2,222,309	18,945
82627	WBSF	1,836,543	1,832,446	15,622
30826	WBTW	4,433,020	4,295,962	36,623
66407	WBTW	1,975,457	1,959,172	16,702
16363	WBUI	981,884	981,868	8,370
59281	WBUP	126,472	112,603	960
60830	WBUY-TV	1,569,254	1,567,815	13,366
72971	WBXX-TV	2,142,759	1,984,544	16,918
25456	WBZ-TV	7,960,556	7,730,847	65,905
63153	WCAU	11,269,831	11,098,540	94,615



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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
363	WCAV	1,032,270	874,886	7,458
46728	WCAX-TV	784,748	665,685	5,675
39659	WCBB	964,079	910,222	7,760
10587	WCBF-TV	1,149,489	1,149,489	9,799
12477	WCBI-TV	680,511	678,424	5,784
9610	WCBS-TV	22,087,789	21,511,236	183,383
49157	WCCB	3,642,232	3,574,928	30,476
9629	WCCO-TV	3,837,442	3,829,714	32,648
14050	WCCT-TV	5,818,471	5,307,612	45,247
69544	WCCU	694,550	693,317	5,911
3001	WCCV-TV	3,391,703	2,062,994	17,587
23937	WCES-TV	1,098,868	1,097,706	9,358
65666	WCET	3,123,290	3,110,519	26,517
46755	WCFE-TV	445,131	411,198	3,505
71280	WCHS-TV	1,352,824	1,274,766	10,867
42124	WCIA	834,084	833,547	7,106
711	WCIQ	3,186,320	3,016,907	25,719
71428	WCIU-TV	10,052,136	10,049,244	85,670
9015	WCIV	1,152,800	1,152,800	9,828
42116	WCIX	554,002	549,911	4,688
16993	WCJB-TV	977,492	977,492	8,333
11125	WCLF	4,097,389	4,096,624	34,924
68007	WCLJ-TV	2,305,723	2,303,534	19,638
50781	WCMH-TV	2,756,260	2,712,989	23,128
9917	WCML	233,439	224,255	1,912
9908	WCMU-TV	707,702	699,551	5,964
9922	WCMV	425,499	411,288	3,506
9913	WCMW	106,975	104,859	894
32326	WCNC-TV	3,883,049	3,809,706	32,478
53734	WCNY-TV	1,342,821	1,279,429	10,907
73642	WCOV-TV	889,102	884,417	7,540
40618	WCPB	560,426	560,426	4,778
59438	WCPO-TV	3,330,885	3,313,654	28,249
10981	WCPX-TV	9,753,235	9,751,916	83,135
71297	WCSC-TV	1,028,018	1,028,018	8,764
39664	WCSH	1,755,325	1,548,824	13,204
69479	WCTE	612,760	541,314	4,615
18334	WCTI-TV	1,671,152	1,668,833	14,227
31590	WCTV	1,065,524	1,065,464	9,083
33081	WCTX	7,844,936	7,332,431	62,509
65684	WCVB-TV	7,780,868	7,618,496	64,948
9987	WCVF-TV	1,721,004	1,712,249	14,597
83304	WCVI-TV	50,601	50,495	430
34204	WCVN-TV	2,129,816	2,120,349	18,076
9989	WCVW	1,505,484	1,505,330	12,833
73042	WCWF	1,077,314	1,077,194	9,183
35385	WCWG	3,630,551	3,299,114	28,125
29712	WCWJ	1,661,270	1,661,132	14,161
73264	WCWN	1,909,223	1,621,751	13,825
2455	WCYB-TV	2,363,002	2,057,404	17,539
11291	WDAF-TV	2,539,581	2,537,411	21,631
21250	WDAM-TV	512,594	500,343	4,265
22129	WDAY-TV	339,239	338,856	2,889
22124	WDAZ-TV	151,720	151,659	1,293
71325	WDBB	1,792,728	1,762,643	15,027
71326	WDBD	940,665	939,489	8,009
71329	WDBJ	1,626,017	1,435,762	12,240
51567	WDCA	8,070,491	8,015,328	68,331
16530	WDCQ-TV	1,269,199	1,269,199	10,820
30576	WDCW	8,155,998	8,114,847	69,179
54385	WDEF-TV	1,731,483	1,508,250	12,858
32851	WDFX-TV	271,499	270,942	2,310
43846	WDHN	452,377	451,978	3,853
71338	WDIO-DT	341,506	327,469	2,792
714	WDIQ	663,062	620,124	5,287
53114	WDIV-TV	5,450,318	5,450,174	46,463
71427	WDJT-TV	3,267,652	3,256,507	27,762
39561	WDKA	658,699	658,277	5,612
64017	WDKY-TV	1,204,817	1,173,579	10,005
67893	WDLI-TV	4,147,298	4,114,920	35,080
72335	WDPB	596,888	596,888	5,088

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
83740	WDPM-DT	1,365,977	1,364,744	11,634
1283	WDPN-TV	11,594,463	11,467,616	97,761
6476	WDPX-TV	6,833,712	6,761,949	57,646
28476	WDRB	2,054,813	2,037,086	17,366
12171	WDSC-TV	3,389,559	3,389,559	28,896
17726	WDSE	330,994	316,643	2,699
71353	WDSI-TV	1,100,302	1,042,191	8,885
71357	WDSU	1,649,083	1,649,083	14,058
7908	WDTI	2,092,242	2,091,941	17,834
65690	WDTN	3,660,544	3,646,874	31,090
70592	WDTV	962,532	850,394	7,250
25045	WDVM-TV	3,074,837	2,646,508	22,561
4110	WDWL	2,638,361	1,977,410	16,857
49421	WEAO	3,960,217	3,945,408	33,635
71363	WEAR-TV	1,520,973	1,520,386	12,961
7893	WEAU	1,006,393	971,050	8,278
61003	WEBA-TV	645,039	635,967	5,422
19561	WECN	2,886,669	2,157,288	18,391
48666	WECT	1,156,807	1,156,807	9,862
13602	WEDH	5,328,800	4,724,167	40,274
13607	WEDN	3,451,170	2,643,344	22,535
69338	WEDQ	5,379,887	5,365,612	45,742
21808	WEDU	5,379,887	5,365,612	45,742
13594	WEDW	5,996,408	5,544,708	47,269
13595	WEDY	5,328,800	4,724,167	40,274
24801	WEEK-TV	698,238	698,220	5,952
6744	WEFS	3,380,743	3,380,743	28,821
24215	WEHT	857,558	844,070	7,196
721	WEIQ	1,055,632	1,055,193	8,996
18301	WEIU-TV	458,480	458,416	3,908
69271	WEKW-TV	1,263,049	773,108	6,591
60825	WELF-TV	1,477,691	1,387,044	11,825
26602	WELU	2,248,146	1,678,682	14,311
40761	WEMT	1,726,085	1,186,706	10,117
69237	WENH-TV	4,500,498	4,328,222	36,898
71508	WENY-TV	656,240	517,754	4,414
83946	WEPH	604,105	602,833	5,139
81508	WEPX-TV	950,012	950,012	8,099
25738	WESH	4,059,180	4,048,459	34,513
65670	WETA-TV	8,315,499	8,258,807	70,406
69944	WETK	670,087	558,842	4,764
60653	WETM-TV	721,800	620,074	5,286
18252	WETP-TV	2,167,383	1,888,574	16,100
2709	WEUX	380,569	373,680	3,186
72041	WEVV-TV	752,417	751,094	6,403
59441	WEWS-TV	4,112,984	4,078,299	34,767
72052	WEYI-TV	3,715,686	3,652,991	31,142
72054	WFAA	6,917,502	6,907,616	58,887
81669	WFBD	814,185	813,564	6,936
69532	WFDC-DT	8,155,998	8,114,847	69,179
10132	WFFF-TV	633,649	552,182	4,707
25040	WFFT-TV	1,095,429	1,095,411	9,338
11123	WFGC	3,018,351	3,018,351	25,731
6554	WFGX	1,493,866	1,493,319	12,731
13991	WFIE	743,079	740,909	6,316
715	WFIQ	546,563	544,258	4,640
64592	WFLA-TV	5,583,544	5,576,649	47,541
22211	WFLD	9,957,301	9,954,828	84,865
72060	WFLI-TV	1,294,209	1,189,897	10,144
39736	WFLX	5,740,086	5,740,086	48,934
72062	WFMJ-TV	4,328,477	3,822,691	32,588
72064	WFMY-TV	4,772,783	4,746,167	40,461
39884	WFMZ-TV	10,613,847	9,474,797	80,773
83943	WFNA	1,391,519	1,390,447	11,854
47902	WFOR-TV	5,398,266	5,398,266	46,020
11909	WFOX-TV	1,603,324	1,603,324	13,668
40626	WFPT	5,829,226	5,442,352	46,396
21245	WFPX-TV	2,637,949	2,634,141	22,456
25396	WFQX-TV	537,340	534,314	4,555
9635	WFRV-TV	1,263,353	1,256,376	10,711
53115	WFSB	4,752,788	4,370,519	37,259

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
6093	WFSG	364,961	364,796	3,110
21801	WFSU-TV	576,105	576,093	4,911
11913	WFTC	3,787,177	3,770,207	32,141
64588	WFTS-TV	5,236,379	5,236,287	44,639
16788	WFTT-TV	4,523,828	4,521,879	38,549
72076	WFTV	3,882,888	3,882,888	33,102
70649	WFTX-TV	1,758,172	1,758,172	14,988
60553	WFTY-DT	5,678,755	5,560,460	47,403
25395	WFUP	234,863	234,436	1,999
60555	WFUT-DT	19,992,096	19,643,518	167,461
22108	WFWA	1,035,114	1,034,862	8,822
9054	WFXB	1,393,865	1,393,510	11,880
3228	WFXG	1,070,032	1,057,760	9,017
70815	WFXL	793,637	785,106	6,693
19707	WFXP	583,315	562,500	4,795
24813	WFXR	1,426,061	1,286,450	10,967
6463	WFXT	7,494,070	7,400,830	63,092
22245	WFXU	218,273	218,273	1,861
43424	WFXV	702,682	612,494	5,222
25236	WFXW	274,078	270,967	2,310
41397	WFYI	2,389,627	2,388,970	20,366
53930	WGAL	6,287,688	5,610,833	47,832
2708	WGBA-TV	1,170,375	1,170,127	9,975
24314	WGBC	249,415	249,235	2,125
72099	WGBH-TV	7,711,842	7,601,732	64,805
12498	WGBO-DT	9,771,815	9,769,552	83,285
72098	WGBX-TV	7,803,280	7,636,641	65,102
72096	WGBY-TV	4,470,009	3,739,675	31,881
72120	WGCL-TV	6,027,276	5,961,471	50,822
62388	WGPU	1,510,671	1,510,671	12,878
54275	WGEM-TV	361,598	356,682	3,041
27387	WGEN-TV	43,037	43,037	367
7727	WGFL	877,163	877,163	7,478
25682	WGGB-TV	3,443,386	3,053,436	26,031
11027	WGGN-TV	1,991,462	1,969,331	16,789
9064	WGGs-TV	2,759,326	2,705,067	23,061
72106	WGHP	4,174,964	4,123,106	35,149
710	WGIQ	363,849	363,806	3,101
12520	WGMB-TV	1,742,708	1,742,659	14,856
25683	WGME-TV	1,495,724	1,325,465	11,300
24618	WGNM	742,458	741,502	6,321
72119	WGNO	1,641,765	1,641,765	13,996
9762	WGNT	2,128,079	2,127,891	18,140
72115	WGN-TV	9,942,959	9,941,552	84,752
40619	WGPT	578,294	344,300	2,935
65074	WGPX-TV	2,765,350	2,754,743	23,484
64547	WGRZ	1,878,725	1,812,309	15,450
63329	WGTA	1,061,654	1,030,538	8,785
66285	WGTE-TV	2,210,496	2,208,927	18,831
59279	WGTQ	95,618	92,019	784
59280	WGTU	358,543	353,477	3,013
23948	WGTV	5,880,594	5,832,714	49,724
7623	WGTW-TV	807,797	807,797	6,886
24783	WGVK	2,439,225	2,437,526	20,780
24784	WGVU-TV	1,825,744	1,784,264	15,211
21536	WGWG	986,963	986,963	8,414
56642	WGWV	1,677,166	1,647,976	14,049
58262	WGXA	779,955	779,087	6,642
73371	WHAM-TV	1,381,564	1,334,653	11,378
32327	WHAS-TV	1,955,983	1,925,901	16,418
6096	WHA-TV	1,635,777	1,628,950	13,887
13950	WHBF-TV	1,712,339	1,704,072	14,527
12521	WHBQ-TV	1,736,335	1,708,345	14,564
10894	WHBR	1,302,764	1,302,041	11,100
65128	WHDF	1,553,469	1,502,852	12,812
72145	WHDH	7,441,208	7,343,735	62,605
83929	WHDT	5,768,239	5,768,239	49,174
70041	WHEC-TV	1,322,243	1,279,606	10,909
67971	WHFT-TV	5,417,409	5,417,409	46,183
41458	WHIO-TV	3,877,520	3,868,597	32,980
713	WHIQ	1,278,174	1,225,940	10,451

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
61216	WHIZ-TV	917,531	847,762	7,227
65919	WHKY-TV	3,304,037	3,269,549	27,873
18780	WHLA-TV	554,446	515,561	4,395
48668	WHLT	484,432	483,532	4,122
24582	WHLV-TV	3,906,201	3,906,201	33,300
37102	WHMB-TV	2,959,585	2,889,145	24,630
61004	WHMC	774,921	774,921	6,606
36117	WHME-TV	1,455,358	1,455,110	12,405
37106	WHNO	1,499,653	1,499,653	12,785
72300	WHNS	2,549,610	2,270,868	19,359
48693	WHNT-TV	1,569,885	1,487,578	12,682
66221	WHO-DT	1,120,480	1,099,818	9,376
6866	WHOI	736,125	736,047	6,275
72313	WHP-TV	4,030,693	3,538,096	30,162
51980	WHPX-TV	5,579,464	5,114,336	43,600
73036	WHRM-TV	495,398	495,174	4,221
25932	WHRO-TV	2,169,238	2,169,237	18,493
68058	WHSB-TV	5,870,314	5,808,605	49,518
4688	WHSV-TV	845,013	711,912	6,069
9990	WHTJ	807,960	690,381	5,885
72326	WHTM-TV	2,829,585	2,367,000	20,179
11117	WHTN	1,914,755	1,905,733	16,246
27772	WHUT-TV	7,649,763	7,617,337	64,938
18793	WHWC-TV	994,710	946,335	8,068
72338	WHYY-TV	10,379,045	9,982,651	85,102
5360	WIAT	1,837,072	1,802,810	15,369
63160	WIBW-TV	1,234,347	1,181,009	10,068
25684	WICD	1,238,332	1,237,046	10,546
25686	WICS	1,149,358	1,147,264	9,780
24970	WICU-TV	740,115	683,435	5,826
62210	WICZ-TV	1,249,974	965,416	8,230
18410	WIDP	2,559,306	1,899,768	16,196
26025	WIFS	1,583,693	1,578,870	13,460
720	WIIQ	353,241	347,685	2,964
68939	WILL-TV	1,178,545	1,158,147	9,873
6863	WILX-TV	3,378,644	3,218,221	27,435
22093	WINK-TV	1,851,105	1,851,105	15,781
67787	WINM	1,001,485	971,031	8,278
41314	WINP-TV	2,935,057	2,883,944	24,586
3646	WIPB	1,965,353	1,965,174	16,753
48408	WIPL	850,656	799,165	6,813
53863	WIPM-TV	2,196,157	1,554,017	2,460
53859	WIPR-TV	3,596,802	2,811,148	23,965
10253	WIPX-TV	2,305,723	2,303,534	19,638
39887	WIRS	1,153,382	761,454	5,111
71336	WIRT-DT	127,001	126,300	1,077
13990	WIS	2,644,715	2,600,887	22,173
65143	WISC-TV	1,734,112	1,697,537	14,472
13960	WISE-TV	1,070,155	1,070,155	9,123
39269	WISH-TV	2,912,963	2,855,253	24,341
65680	WISN-TV	3,003,636	2,997,695	25,555
73083	WITF-TV	2,412,561	2,191,501	18,683
73107	WITI	3,111,641	3,102,097	26,445
594	WITN-TV	1,861,458	1,836,905	15,660
61005	WITV	871,783	871,783	7,432
7780	WIVB-TV	1,900,503	1,820,106	15,516
11260	WIVT	855,138	613,934	5,234
60571	WIWN	3,338,845	3,323,941	28,337
62207	WIYC	639,641	637,499	5,435
73120	WJAC-TV	2,219,529	1,897,986	16,180
10259	WJAL	8,750,706	8,446,074	72,003
50780	WJAR	7,108,180	6,976,099	59,471
35576	WJAX-TV	1,630,782	1,630,782	13,902
27140	WJBF	1,601,088	1,588,444	13,541
73123	WJBK	5,748,623	5,711,224	48,688
37174	WJCL	938,086	938,086	7,997
73130	WJCT	1,624,624	1,624,033	13,845
29719	WJEB-TV	1,607,603	1,607,603	13,705
65749	WJET-TV	747,431	717,721	6,119
7651	WJFB	1,805,891	1,798,600	15,333
49699	WJFW-TV	277,530	268,295	2,287

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
73136	WJHG-TV	864,121	859,823	7,330
57826	WJHL-TV	2,034,663	1,462,129	12,465
68519	WJKT	655,780	655,373	5,587
1051	WJLA-TV	8,750,706	8,447,643	72,016
86537	WJLP	21,384,863	21,119,366	180,043
9630	WJMN-TV	160,991	154,424	1,316
61008	WJPM-TV	623,965	623,813	5,318
58340	WJPX	3,254,481	2,500,195	21,314
21735	WJRT-TV	2,788,684	2,543,446	21,683
23918	WJSP-TV	4,225,860	4,188,428	35,706
41210	WJTC	1,381,529	1,379,283	11,758
48667	WJTV	987,206	980,717	8,361
73150	WJW	3,977,148	3,905,325	33,293
61007	WJWJ-TV	1,034,555	1,034,555	8,820
58342	WJWN-TV	1,962,885	1,405,189	5,111
53116	WJXT	1,622,616	1,622,616	13,833
11893	WJXX	1,618,191	1,617,272	13,787
32334	WJYS	9,667,341	9,667,317	82,414
25455	WJZ-TV	9,743,335	9,350,346	79,712
73152	WJZY	4,432,745	4,301,117	36,667
64983	WKAQ-TV	3,697,088	2,731,588	23,287
6104	WKAR-TV	1,693,373	1,689,830	14,406
34171	WKAS	542,308	512,994	4,373
51570	WKBD-TV	5,065,617	5,065,350	43,182
73153	WKBN-TV	4,898,622	4,535,576	38,666
13929	WKBS-TV	1,082,894	937,847	7,995
74424	WKBT-DT	866,325	824,795	7,031
54176	WKBW-TV	2,247,191	2,161,366	18,426
53465	WKCF	4,241,181	4,240,354	36,149
73155	WKEF	3,730,595	3,716,127	31,680
34177	WKGB-TV	413,268	411,587	3,509
34196	WKHA	511,281	400,721	3,416
34207	WKLE	856,237	846,630	7,218
34212	WKMA-TV	524,617	524,035	4,467
71293	WKMG-TV	3,803,492	3,803,492	32,425
34195	WKMJ-TV	1,477,906	1,470,645	12,537
34202	WKMR	463,316	428,462	3,653
34174	WKMU	344,430	344,050	2,933
42061	WKNO	1,645,867	1,642,092	13,999
83931	WKNX-TV	1,684,178	1,459,493	12,442
34205	WKOH	584,645	579,258	4,938
67869	WKOI-TV	3,660,544	3,646,874	31,090
34211	WKON	1,080,274	1,072,320	9,142
18267	WKOP-TV	1,555,654	1,382,098	11,782
64545	WKOW	1,918,224	1,899,746	16,195
21432	WKPC-TV	1,525,919	1,517,701	12,938
65758	WKPD	283,454	282,250	2,406
34200	WKPI-TV	606,666	481,220	4,102
27504	WKPT-TV	1,131,213	887,806	7,569
58341	WKPV	1,132,932	731,199	5,111
11289	WKRC-TV	3,281,914	3,229,223	27,529
73187	WKRQ-TV	1,526,600	1,526,075	13,010
73188	WKRN-TV	2,409,767	2,388,588	20,363
34222	WKSO-TV	658,441	642,090	5,474
40902	WKTC	1,387,229	1,386,779	11,822
60654	WKTV	1,573,503	1,342,387	11,444
73195	WKYC	4,180,327	4,124,135	35,158
24914	WKYT-TV	1,174,615	1,156,978	9,863
71861	WKYU-TV	411,448	409,310	3,489
34181	WKZT-TV	1,044,532	1,020,878	8,703
18819	WLAE-TV	1,397,967	1,397,967	11,918
36533	WLAJ	4,100,475	4,063,963	34,645
2710	WLAX	469,017	447,381	3,814
68542	WLBT	948,671	947,857	8,080
39644	WLBZ	373,129	364,346	3,106
69328	WLED-TV	332,718	174,998	1,492
63046	WLEF-TV	192,283	191,149	1,630
73203	WLEX-TV	969,481	964,735	8,224
37806	WLFB	808,036	680,534	5,802
37808	WLFQ	1,614,321	1,282,063	10,930
73204	WLFJ-TV	2,243,009	2,221,313	18,937

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
73205	WFLR	3,640,360	3,636,542	31,002
11113	WLGA	950,018	943,236	8,041
19777	WLII-DT	2,801,102	2,153,564	18,359
37503	WLIO	1,067,232	1,050,170	8,953
38336	WLIW	20,027,920	19,717,729	168,094
27696	WLJC-TV	1,401,072	1,281,256	10,923
71645	WLJT-DT	385,493	385,380	3,285
53939	WLKY	1,927,997	1,919,810	16,366
11033	WLLA	2,081,693	2,081,436	17,744
17076	WLMB	2,754,484	2,747,490	23,422
68518	WLMT	1,736,552	1,733,496	14,778
22591	WLNE-TV	6,429,522	6,381,825	54,405
74420	WLNS-TV	4,100,475	4,063,963	34,645
73206	WLNK-TV	7,501,199	7,415,578	63,218
84253	WLOO	913,960	912,674	7,781
56537	WLOS	3,086,751	2,544,360	21,691
37732	WLOV-TV	609,526	607,780	5,181
13995	WLOX	1,182,149	1,170,659	9,980
38586	WLPB-TV	1,219,624	1,219,407	10,395
73189	WLPX-TV	1,066,912	1,022,543	8,717
66358	WLRN-TV	5,447,399	5,447,399	46,439
73226	WLS-TV	10,174,464	10,170,757	86,706
73230	WLTW-DT	5,427,398	5,427,398	46,269
37176	WLTX	1,580,677	1,578,645	13,458
37179	WLTZ	689,521	685,358	5,843
21259	WLUC-TV	92,246	85,393	728
4150	WLUK-TV	1,251,563	1,247,414	10,634
73238	WLVI	7,441,208	7,343,735	62,605
36989	WLVY-TV	10,613,847	9,474,797	80,773
3978	WLWC	3,281,532	3,150,875	26,861
46979	WLWT	3,367,381	3,355,009	28,601
54452	WLXI	4,184,851	4,166,318	35,518
55350	WLYH	2,829,585	2,367,000	20,179
43192	WMAB-TV	407,794	401,487	3,423
43170	WMAE-TV	686,076	653,173	5,568
43197	WMAH-TV	1,257,393	1,256,995	10,716
43176	WMAO-TV	369,696	369,343	3,149
47905	WMAQ-TV	9,914,395	9,913,272	84,511
59442	WMAR-TV	9,198,495	9,072,076	77,339
43184	WMAU-TV	642,328	636,504	5,426
43193	WMAV-TV	1,008,339	1,008,208	8,595
43169	WMAW-TV	726,173	715,450	6,099
46991	WMAZ-TV	1,185,678	1,136,616	9,690
66398	WMBB	935,027	914,607	7,797
43952	WMBC-TV	18,706,132	18,458,331	157,357
42121	WMBD-TV	742,729	742,660	6,331
83969	WMBF-TV	445,363	445,363	3,797
60829	WMBF-TV	612,942	609,635	5,197
9739	WMCN-TV	10,379,045	9,982,651	85,102
19184	WMC-TV	2,047,403	2,043,125	17,418
189357	WMDE	6,384,827	6,257,910	53,349
73255	WMDN	278,227	278,018	2,370
16455	WMDT	731,931	731,931	6,240
39656	WMEA-TV	902,755	853,857	7,279
39648	WMEB-TV	511,761	494,574	4,216
70537	WMEC	218,027	217,839	1,857
39649	WMED-TV	30,488	29,577	252
39662	WMEM-TV	71,700	69,981	597
41893	WMFD-TV	1,561,367	1,324,244	11,289
41436	WMFP	5,792,048	5,564,295	47,436
61111	WMGM-TV	807,797	807,797	6,886
43847	WMGT-TV	601,894	601,309	5,126
73263	WMHT	1,719,949	1,550,977	13,222
68545	WMLW-TV	1,843,933	1,843,663	15,717
53819	WMOR-TV	5,394,541	5,394,541	45,988
81503	WMOW	121,150	105,957	903
65944	WMPB	7,279,563	7,190,696	61,301
43168	WMPN-TV	856,237	854,089	7,281
65942	WMPT	8,637,742	8,584,398	73,182
60827	WMPV-TV	1,423,052	1,422,411	12,126
10221	WMSN-TV	1,947,942	1,927,158	16,429

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
2174	WMTJ	3,143,148	2,365,308	20,164
6870	WMTV	1,548,616	1,545,459	13,175
73288	WMTW	1,940,292	1,658,816	14,141
23935	WMUM-TV	862,740	859,204	7,325
73292	WMUR-TV	5,192,179	5,003,980	42,659
42663	WMVS	3,172,534	3,112,231	26,532
42665	WMVT	3,172,534	3,112,231	26,532
81946	WMWC-TV	946,858	916,989	7,817
56548	WMYA-TV	1,650,798	1,571,594	13,398
74211	WMYD	5,750,989	5,750,873	49,026
20624	WMYT-TV	4,432,745	4,301,117	36,667
25544	WMYV	3,901,915	3,875,210	33,036
73310	WNAB	2,176,984	2,166,809	18,472
73311	WNAC-TV	7,310,183	6,959,064	59,326
47535	WNBC	21,952,082	21,399,204	182,428
83965	WNBW-DT	1,400,631	1,396,012	11,901
72307	WNCF	667,683	665,950	5,677
50782	WNCN	3,795,494	3,783,131	32,251
57838	WNCT-TV	1,935,414	1,887,929	16,095
41674	WNDU-TV	1,863,764	1,835,398	15,647
28462	WNDY-TV	2,912,963	2,855,253	24,341
71928	WNED-TV	1,387,961	1,370,480	11,683
60931	WNEH	1,261,482	1,255,218	10,701
41221	WNEM-TV	1,475,094	1,471,908	12,548
49439	WNEO	3,353,869	3,271,369	27,888
73318	WNEP-TV	3,429,213	2,838,000	24,194
18795	WNET	21,113,760	20,615,190	175,744
51864	WNEU	7,135,190	7,067,520	60,251
23942	WNGH-TV	5,744,856	5,595,366	47,700
67802	WNIN	883,322	865,128	7,375
41671	WNIT	1,305,447	1,305,447	11,129
48457	WNJB	20,787,272	20,036,393	170,810
48477	WNJN	20,787,272	20,036,393	170,810
48481	WNJS	7,211,292	7,176,711	61,181
48465	WNJT	7,211,292	7,176,711	61,181
73333	WNJU	21,952,082	21,399,204	182,428
73336	WNJX-TV	1,585,248	1,149,468	2,600
61217	WNKY	379,002	377,357	3,217
71905	WNLO	1,900,503	1,820,106	15,516
4318	WNMU	181,736	179,662	1,532
73344	WNNE	792,551	676,539	5,767
54280	WNOL-TV	1,632,389	1,632,389	13,916
71676	WNPB-TV	2,130,047	1,941,707	16,553
62137	WNPI-DT	167,931	161,748	1,379
41398	WNPT	2,260,463	2,227,570	18,990
28468	WNPX-TV	2,084,890	2,071,017	17,655
61009	WNSC-TV	2,431,154	2,425,044	20,674
61010	WNTV	2,419,841	2,211,019	18,849
16539	WNTZ-TV	344,704	343,849	2,931
7933	WNUV	9,098,694	8,906,508	75,928
9999	WNVC	807,960	690,381	5,885
10019	WNVT	1,721,004	1,712,249	14,597
73354	WNWO-TV	2,232,660	2,232,660	19,033
136751	WNYA	1,540,430	1,406,032	11,986
30303	WNYB	1,785,269	1,756,096	14,971
6048	WNYE-TV	19,185,983	19,015,910	162,111
34329	WNYI	1,627,542	1,338,811	11,413
67784	WNYO-TV	1,430,491	1,409,756	12,018
73363	WNYT	1,679,494	1,516,775	12,931
22206	WNYW	20,075,874	19,753,060	168,395
69618	WOAI-TV	2,525,811	2,513,887	21,431
66804	WOAY-TV	581,486	443,210	3,778
41225	WOFL	4,048,104	4,043,672	34,472
70651	WOGX	1,112,408	1,112,408	9,483
8661	WOI-DT	1,173,757	1,170,432	9,978
39746	WOIO	3,821,233	3,745,335	31,929
71725	WOLE-DT	1,784,094	1,312,984	8,066
73375	WOLF-TV	2,990,646	2,522,858	21,507
60963	WOLO-TV	2,635,715	2,594,980	22,122
36838	WOOD-TV	2,507,053	2,501,084	21,322
67602	WOPX-TV	3,877,863	3,877,805	33,058

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
64865	WORA-TV	2,733,629	2,149,090	3,138
73901	WORO-DT	3,243,301	2,511,742	21,413
60357	WOST	1,193,381	853,762	7,278
66185	WOSU-TV	2,843,651	2,776,901	23,673
131	WOTF-TV	3,451,383	3,451,383	29,423
10212	WOTV	2,368,797	2,368,397	20,191
50147	WOUB-TV	756,762	734,988	6,266
50141	WOUC-TV	1,713,515	1,649,853	14,065
23342	WOWK-TV	1,159,175	1,083,663	9,238
65528	WOWT	1,380,979	1,377,287	11,741
31570	WPAN	637,347	637,347	5,433
4190	WPBA	5,217,180	5,200,958	44,338
51988	WPBF	3,190,307	3,186,405	27,164
21253	WPBN-TV	442,005	430,953	3,674
62136	WPBS-DT	338,448	301,692	2,572
13456	WPBT	5,416,604	5,416,604	46,177
13924	WPCB-TV	2,934,614	2,800,516	23,874
64033	WPCH-TV	5,948,778	5,874,163	50,077
4354	WPCT	195,270	194,869	1,661
69880	WPCW	3,393,365	3,188,441	27,181
17012	WPDE-TV	1,772,233	1,769,553	15,085
52527	WPEC	5,788,448	5,788,448	49,347
84088	WPFO	1,329,690	1,209,873	10,314
54728	WPGA-TV	559,495	559,025	4,766
60820	WPGD-TV	2,355,629	2,343,715	19,980
73875	WPGH-TV	3,236,098	3,121,767	26,613
2942	WPGX	425,098	422,872	3,605
73879	WPHL-TV	10,421,216	10,246,856	87,354
73881	WPIX	20,638,932	20,213,158	172,317
53113	WPLG	5,587,129	5,587,129	47,630
11906	WPMI-TV	1,468,001	1,467,594	12,511
10213	WPMT	2,412,561	2,191,501	18,683
18798	WPNE-TV	1,161,295	1,160,631	9,894
73907	WPNT	3,172,170	3,064,423	26,124
28480	WPPT	10,613,847	9,474,797	80,773
51984	WPPX-TV	8,206,117	7,995,941	68,165
47404	WPRI-TV	7,254,721	6,990,606	59,595
51991	WPSD-TV	883,814	879,213	7,495
12499	WPSG	10,232,988	9,925,334	84,613
66219	WPSU-TV	1,055,133	868,013	7,400
73905	WPTA	1,099,180	1,099,180	9,371
25067	WPTD	3,423,417	3,411,727	29,085
25065	WPTO	2,961,254	2,951,883	25,165
59443	WPTV-TV	5,840,102	5,840,102	49,787
57476	WPTZ	792,551	676,539	5,767
8616	WPVI-TV	11,491,587	11,302,701	96,356
48772	WPWR-TV	9,957,301	9,954,828	84,865
51969	WPXA-TV	6,587,205	6,458,510	55,059
71236	WPXC-TV	1,561,014	1,561,014	13,308
5800	WPXD-TV	5,249,447	5,249,447	44,752
37104	WPXE-TV	3,067,071	3,057,388	26,064
48406	WPXG-TV	2,577,848	2,512,150	21,416
73312	WPXH-TV	1,471,601	1,451,634	12,375
73910	WPXI	3,300,896	3,197,864	27,262
2325	WPXJ-TV	2,357,870	2,289,706	19,520
52628	WPXK-TV	1,801,997	1,577,806	13,451
21729	WPXL-TV	1,639,180	1,639,180	13,974
48608	WPXM-TV	5,153,621	5,153,621	43,935
73356	WPXN-TV	20,878,066	20,454,468	174,374
27290	WPXP-TV	5,565,072	5,565,072	47,442
50063	WPXQ-TV	3,281,532	3,150,875	26,861
70251	WPXR-TV	1,375,640	1,200,331	10,233
40861	WPXS	2,339,305	2,251,498	19,194
53065	WPXT	1,002,128	952,535	8,120
37971	WPXU-TV	690,613	690,613	5,887
67077	WPXV-TV	1,919,794	1,919,794	16,366
74091	WPXW-TV	8,075,268	8,024,342	68,408
21726	WPXX-TV	1,562,675	1,560,834	13,306
73319	WQAD-TV	1,101,012	1,089,523	9,288
65130	WQCW	1,307,345	1,236,020	10,537
71561	WQEC	183,969	183,690	1,566



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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
41315	WQED	3,529,305	3,426,684	29,212
3255	WQHA	1,052,107	730,913	6,231
60556	WQHS-DT	3,996,567	3,952,672	33,697
53716	WQLN	602,232	577,633	4,924
52075	WQMY	410,269	254,586	2,170
64550	WQOW	369,066	358,576	3,057
5468	WQPT-TV	595,685	595,437	5,076
64690	WQPX-TV	1,644,283	1,212,587	10,337
52408	WQRF-TV	1,375,774	1,354,979	11,551
2175	WQTO	2,864,201	1,598,365	6,261
8688	WRAL-TV	3,852,675	3,848,801	32,811
10133	WRAY-TV	4,184,851	4,166,318	35,518
64611	WRAZ	3,800,594	3,797,515	32,374
136749	WRBJ-TV	1,030,831	1,028,010	8,764
3359	WRBL	1,493,140	1,461,459	12,459
57221	WRBU	2,933,497	2,929,776	24,976
54940	WRBW	4,080,267	4,077,341	34,759
59137	WRCB	1,587,742	1,363,582	11,625
47904	WRC-TV	8,188,601	8,146,696	69,451
54963	WRDC	3,972,477	3,966,864	33,818
55454	WRDQ	3,931,023	3,931,023	33,512
73937	WRDW-TV	1,564,584	1,533,682	13,075
66174	WREG-TV	1,642,307	1,638,585	13,969
61011	WRET-TV	2,419,841	2,211,019	18,849
73940	WREX	2,303,027	2,047,951	17,459
54443	WRFB	2,674,527	1,975,375	23,287
73942	WRGB	1,757,575	1,645,483	14,028
411	WRGT-TV	3,451,036	3,416,078	29,122
74416	WRIC-TV	2,059,152	1,996,075	17,017
61012	WRJA-TV	1,127,088	1,119,936	9,547
412	WRLH-TV	2,017,508	1,959,111	16,701
61013	WRLK-TV	1,229,094	1,228,616	10,474
43870	WRLM	3,960,217	3,945,408	33,635
74156	WRNN-TV	19,853,836	19,615,370	167,221
73964	WROC-TV	1,203,412	1,185,203	10,104
159007	WRPT	110,009	109,937	937
20590	WRPX-TV	2,637,949	2,634,141	22,456
62009	WRSP-TV	1,156,134	1,154,040	9,838
40877	WRTV	2,919,683	2,895,164	24,681
15320	WRUA	2,905,193	2,121,362	18,085
71580	WRXY-TV	1,784,000	1,784,000	15,209
48662	WSAV-TV	1,000,315	1,000,309	8,528
6867	WSAW-TV	652,442	646,386	5,510
36912	WSAZ-TV	1,239,187	1,168,954	9,965
56092	WSBE-TV	7,535,710	7,266,304	61,945
73982	WSBK-TV	7,290,901	7,225,463	61,597
72053	WSBS-TV	42,952	42,952	366
73983	WSBT-TV	1,763,215	1,752,698	14,942
23960	WSB-TV	5,897,425	5,828,269	49,686
69446	WSCG	867,516	867,490	7,395
64971	WSCV	5,465,435	5,465,435	46,593
70536	WSEC	541,118	540,495	4,608
49711	WSEE-TV	613,176	595,476	5,076
21258	WSES	1,548,117	1,513,982	12,907
73988	WSET-TV	1,569,722	1,323,180	11,280
13993	WSFA	1,168,636	1,133,724	9,665
11118	WSFJ-TV	1,675,987	1,667,150	14,212
10203	WSFL-TV	5,344,129	5,344,129	45,559
72871	WSFX-TV	970,833	970,833	8,276
73999	WSIL-TV	672,560	669,176	5,705
4297	WSIU-TV	1,019,939	937,070	7,989
74007	WSJV	1,522,499	1,522,499	12,979
78908	WSKA	546,588	431,354	3,677
74034	WSKG-TV	892,402	633,163	5,398
76324	WSKY-TV	1,934,585	1,934,519	16,492
57840	WSLS-TV	1,447,286	1,277,753	10,893
21737	WSMH	2,339,224	2,327,660	19,843
41232	WSMV-TV	2,447,769	2,404,766	20,501
70119	WSNS-TV	9,914,395	9,913,272	84,511
74070	WSOC-TV	3,706,808	3,638,832	31,021
66391	WSPA-TV	3,388,945	3,227,025	27,510

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
64352	WSPX-TV	1,298,295	1,174,763	10,015
17611	WSRE	1,354,495	1,353,634	11,540
63867	WSST-TV	331,907	331,601	2,827
60341	WSTE-DT	3,723,930	3,033,241	25,858
21252	WSTM-TV	1,455,586	1,379,393	11,759
11204	WSTR-TV	3,297,280	3,286,795	28,020
19776	WSUR-DT	3,714,790	3,015,529	8,066
2370	WSVI	50,601	50,601	431
63840	WSVN	5,588,748	5,588,748	47,644
73374	WSWB	1,530,002	1,102,316	9,397
28155	WSWG	381,004	380,910	3,247
71680	WSWP-TV	858,726	659,416	5,622
74094	WSYM-TV	1,498,905	1,498,671	12,776
73113	WSYR-TV	1,329,933	1,243,035	10,597
40758	WSYT	1,970,721	1,739,071	14,826
56549	WSYX	2,635,937	2,592,420	22,100
65681	WTAE-TV	2,995,755	2,860,979	24,390
23341	WTAJ-TV	1,187,718	948,598	8,087
4685	WTAP-TV	512,358	494,914	4,219
416	WTAT-TV	1,111,476	1,111,476	9,475
67993	WTBY-TV	15,858,470	15,766,438	134,409
29715	WTCE-TV	2,620,599	2,620,599	22,341
65667	WTCI	1,204,613	1,099,395	9,372
67786	WTCT	608,457	607,620	5,180
28954	WTCV	3,254,481	2,500,195	21,314
74422	WTEN	1,902,431	1,613,747	13,757
9881	WTGL	3,707,507	3,707,507	31,606
27245	WTGS	966,519	966,357	8,238
70655	WTHI-TV	928,934	886,846	7,560
70162	WTHR	2,949,339	2,901,633	24,736
147	WTIC-TV	5,318,753	4,707,697	40,133
26681	WTIN-TV	3,714,547	2,898,224	2,600
66536	WTIU	1,570,257	1,569,135	13,377
1002	WTJP-TV	1,947,743	1,907,300	16,260
4593	WTJR	334,527	334,221	2,849
70287	WTJX-TV	135,017	121,498	1,036
47401	WTKR	2,149,376	2,149,375	18,323
82735	WTLF	349,696	349,691	2,981
23486	WTLH	1,065,127	1,065,105	9,080
67781	WTLJ	1,622,365	1,621,227	13,821
65046	WTLV	1,757,600	1,739,021	14,825
1222	WTLW	1,646,714	1,644,206	14,017
74098	WTMJ-TV	3,096,406	3,085,983	26,308
74109	WTNH	7,845,782	7,332,431	62,509
19200	WTNZ	1,699,427	1,513,754	12,905
590	WTOC-TV	993,098	992,658	8,462
74112	WTOG	4,796,964	4,796,188	40,888
4686	WTOK-TV	410,134	404,555	3,449
13992	WTOL	4,184,020	4,174,198	35,585
21254	WTOM-TV	83,379	81,092	691
74122	WTOV-TV	3,892,886	3,619,899	30,860
82574	WTPC-TV	2,049,246	2,042,851	17,415
86496	WTPX-TV	255,972	255,791	2,181
6869	WTRF-TV	2,941,511	2,565,375	21,870
67798	WTSF	922,441	851,465	7,259
11290	WTSP	5,511,840	5,494,925	46,844
4108	WTTA	5,583,544	5,576,649	47,541
74137	WTTE	2,690,341	2,650,354	22,594
22207	WTTG	8,070,491	8,015,328	68,331
56526	WTTK	2,844,384	2,825,807	24,090
74138	WTTQ	1,817,151	1,786,516	15,230
56523	WTTV	2,522,077	2,518,133	21,467
10802	WTTW	9,729,982	9,729,634	82,945
74148	WTVB	823,492	810,123	6,906
22590	WTVB	1,579,628	1,366,976	11,653
8617	WTVB	3,790,354	3,775,757	32,188
55305	WTVB	5,156,905	5,152,997	43,929
36504	WTVB	2,384,622	2,367,601	20,184
74150	WTVG	4,274,274	4,263,894	36,350
74151	WTVH	1,350,223	1,275,171	10,871
10645	WTVI	2,856,703	2,829,960	24,125

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
63154	WTVJ	5,458,451	5,458,451	46,533
595	WTVM	1,498,667	1,405,957	11,986
72945	WTVQ	1,409,708	1,398,825	11,925
28311	WTVP	678,884	678,539	5,785
51597	WTVQ-DT	989,786	983,552	8,385
57832	WTVR-TV	1,816,197	1,809,035	15,422
16817	WTVS	5,511,091	5,510,837	46,980
68569	WTVT	5,475,385	5,462,416	46,567
3661	WTVW	839,003	834,187	7,111
35575	WTVX	3,157,609	3,157,609	26,919
4152	WTVY	974,532	971,173	8,279
40759	WTVZ-TV	2,156,534	2,156,346	18,383
66908	WTWC-TV	1,061,101	1,061,079	9,046
20426	WTWO	737,341	731,294	6,234
81692	WTWV	1,527,511	1,526,625	13,014
51568	WTVX-TV	10,784,256	10,492,549	89,449
41065	WTVL-TV	1,054,514	1,054,322	8,988
8532	WUAB	3,821,233	3,745,335	31,929
12855	WUCF-TV	3,707,507	3,707,507	31,606
36395	WUCW	3,664,480	3,657,236	31,178
69440	WUFT	1,372,142	1,372,142	11,698
413	WUHF	1,152,580	1,147,972	9,786
8156	WUJA	2,638,361	1,977,410	16,857
69080	WUNC-TV	4,184,851	4,166,318	35,518
69292	WUND-TV	1,506,640	1,506,640	12,844
69114	WUNE-TV	3,146,865	2,625,942	22,386
69300	WUNF-TV	2,335,055	2,068,975	17,638
69124	WUNG-TV	3,605,143	3,588,220	30,590
60551	WUNI	7,209,571	7,084,349	60,394
69332	WUNJ-TV	1,081,274	1,081,274	9,218
69149	WUNK-TV	2,018,916	2,013,516	17,165
69360	WUNL-TV	3,055,263	2,834,274	24,162
69444	WUNM-TV	1,357,346	1,357,346	11,571
69397	WUNP-TV	1,402,186	1,393,524	11,880
69416	WUNU	1,202,495	1,201,481	10,243
83822	WUNW	1,109,237	570,072	4,860
6900	WUPA	5,966,454	5,888,379	50,198
13938	WUPL	1,721,320	1,721,320	14,674
10897	WUPV	1,933,664	1,914,643	16,322
19190	WUPW	2,100,914	2,099,572	17,899
23128	WUPX-TV	1,102,435	1,089,118	9,285
65593	WUSA	8,750,706	8,446,074	72,003
4301	WUSI-TV	339,507	339,507	2,894
60552	WUTB	8,523,983	8,381,042	71,448
30577	WUTF-TV	7,918,927	7,709,189	65,721
57837	WUTR	526,114	481,957	4,109
415	WUTV	1,589,376	1,557,474	13,277
16517	WUVC-DT	3,768,817	3,748,841	31,959
48813	WUVG-DT	6,029,495	5,965,975	50,860
3072	WUVN	1,233,568	1,157,140	9,865
60560	WUVP-DT	10,421,216	10,246,856	87,354
9971	WUXP-TV	2,316,872	2,305,293	19,653
417	WVAH-TV	1,373,555	1,295,383	11,043
23947	WVAN-TV	1,026,862	1,025,950	8,746
65387	WVBT	1,885,169	1,885,169	16,071
72342	WVCY-TV	2,543,642	2,542,235	21,673
60559	WVEA-TV	4,553,004	4,552,113	38,807
74167	WVEC	2,098,679	2,092,868	17,842
5802	WVEN-TV	3,921,016	3,919,361	33,413
61573	WVEO	1,153,382	761,454	5,111
69946	WVER	888,756	758,441	6,466
10976	WVFX	731,193	609,763	5,198
47929	WVIA-TV	3,429,213	2,838,000	24,194
3667	WVIL-TV	368,022	346,874	2,957
70309	WVIR-TV	1,945,637	1,908,395	16,269
74170	WVIT	5,846,093	5,357,639	45,674
18753	WVIZ	3,695,223	3,689,173	31,450
70021	WVLA-TV	1,897,179	1,897,007	16,172
81750	WVLR	1,412,728	1,300,554	11,087
35908	WVLT-TV	1,888,607	1,633,633	13,927
74169	WVNS-TV	911,630	606,820	5,173

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
11259	WVNY	742,579	659,270	5,620
29000	WVOZ-TV	1,132,932	731,199	5,111
71657	WVPB-TV	780,268	752,747	6,417
60111	WVPT	767,268	642,173	5,475
70491	WVPX-TV	4,147,298	4,114,920	35,080
66378	WVPY	756,696	632,649	5,393
67190	WVSN	2,948,832	2,137,333	18,221
69943	WVTA	760,072	579,703	4,942
69940	WVTB	455,880	257,445	2,195
74173	WVTM-TV	2,009,346	1,940,153	16,540
74174	WVTV	3,091,132	3,083,108	26,283
77496	WVUA	2,209,921	2,160,101	18,415
4149	WVUE-DT	1,658,125	1,658,125	14,136
4329	WVUT	273,293	273,215	2,329
74176	WVVA	1,037,632	722,666	6,161
3113	WVXF	85,191	78,556	670
12033	WVAY	1,208,625	1,208,625	10,304
30833	WVBT	1,924,502	1,892,842	16,136
20295	WWCP-TV	2,811,278	2,548,691	21,728
24812	WWCW	1,390,985	1,212,308	10,335
23671	WWDP	5,792,048	5,564,295	47,436
21158	WWHO	2,762,344	2,721,504	23,201
14682	WWJE-DT	7,209,571	7,084,349	60,394
72123	WWJ-TV	5,562,031	5,561,777	47,414
166512	WWJX	518,866	518,846	4,423
6868	WWLP	3,838,272	3,077,800	26,238
74192	WWL-TV	1,788,624	1,788,624	15,248
3133	WWMB	1,547,974	1,544,778	13,169
74195	WWMT	2,460,942	2,455,432	20,933
68851	WWNY-TV	375,600	346,623	2,955
74197	WWOR-TV	19,853,836	19,615,370	167,221
65943	WWPB	3,197,858	2,775,966	23,665
23264	WWPX-TV	2,299,441	2,231,612	19,024
68547	WWRS-TV	2,324,155	2,321,066	19,787
61251	WWSB	3,340,133	3,340,133	28,475
23142	WWSI	11,269,831	11,098,540	94,615
16747	WWTI	196,531	190,097	1,621
998	WWTO-TV	5,613,737	5,613,737	47,857
26994	WWTV	1,034,174	1,022,322	8,715
84214	WWTW	1,527,511	1,526,625	13,014
26993	WWUP-TV	116,638	110,592	943
23338	WXBU	4,030,693	3,538,096	30,162
61504	WXCW	1,749,847	1,749,847	14,917
61084	WXEL-TV	5,416,604	5,416,604	46,177
60539	WXFT-DT	10,174,464	10,170,757	86,706
23929	WXGA-TV	608,494	606,849	5,173
51163	WXIA-TV	6,179,680	6,035,828	51,455
53921	WXII-TV	3,630,551	3,299,114	28,125
146	WXIN	2,836,532	2,814,815	23,996
39738	WXIX-TV	2,911,054	2,900,875	24,730
414	WXLV-TV	4,362,761	4,333,737	36,945
68433	WXMI	1,988,970	1,988,589	16,953
64549	WXOW	425,378	413,264	3,523
6601	WXPX-TV	4,594,588	4,592,639	39,152
74215	WXTV-DT	19,992,096	19,643,518	167,461
12472	WXTX	699,095	694,837	5,923
11970	WXXA-TV	1,680,670	1,537,868	13,110
57274	WXXI-TV	1,184,860	1,168,696	9,963
53517	WXXV-TV	1,191,123	1,189,584	10,141
10267	WXYZ-TV	5,622,543	5,622,140	47,929
12279	WYCC	9,729,982	9,729,634	82,945
77515	WYCI	35,873	26,508	226
70149	WYCW	3,388,945	3,227,025	27,510
62219	WYDC	560,266	449,486	3,832
18783	WYDN	2,577,848	2,512,150	21,416
35582	WYDO	1,097,745	1,097,745	9,358
25090	WYES-TV	1,872,245	1,872,059	15,959
53905	WYFF	2,626,363	2,416,551	20,601
49803	WYIN	6,956,141	6,956,141	59,301
24915	WYMT-TV	1,180,276	863,881	7,365
17010	WYOU	2,879,196	2,226,883	18,984

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

Facility Id.	Call sign	Service area population	Terrain limited population	Terrain limited fee amount
77789	WYOW	91,233	90,799	774
13933	WYPX-TV	1,529,500	1,413,583	12,051
4693	WYTV	4,898,622	4,535,576	38,666
5875	WYZZ-TV	1,042,140	1,036,721	8,838
15507	WZBJ	1,606,844	1,439,716	12,274
28119	WZDX	1,596,771	1,514,654	12,912
70493	WZME	5,996,408	5,544,708	47,269
81448	WZMQ	73,423	72,945	622
71871	WZPX-TV	2,039,157	2,039,157	17,384
136750	WZRB	952,279	951,693	8,113
418	WZTV	2,312,658	2,301,187	19,618
83270	WZVI	76,992	75,863	647
19183	WZVN-TV	1,981,488	1,981,488	16,892
49713	WZZM	1,574,546	1,548,835	13,204

- <sup>1</sup> Call signs WIPM and WIPR are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>2</sup> Call signs WNJX and WAPA are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>3</sup> Call signs WKAQ and WORA are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>4</sup> Call signs WOLE and WLII are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>5</sup> Call signs WVEO and WTCV are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>6</sup> Call signs WJPX and WJWN are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>7</sup> Call signs WAPA and WTIN are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>8</sup> Call signs WSUR and WLII are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>9</sup> Call signs WVOZ and WTCV are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>10</sup> Call signs WJPX and WKPV are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>11</sup> Call signs WMTJ and WQTO are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>12</sup> Call signs WIRS and WJPX are stations in Puerto Rico that are linked together with a total fee of \$26,425.
- <sup>13</sup> Call signs WRFB and WORA are stations in Puerto Rico that are linked together with a total fee of \$26,425.

TABLE 8—FY 2020 SCHEDULE OF REGULATORY FEES

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

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

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

## FY 2020 RADIO STATION REGULATORY FEES

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

## FY 2020 INTERNATIONAL BEARER CIRCUITS—SUBMARINE CABLE SYSTEMS

Submarine cable systems (capacity as of December 31, 2019)	Fee ratio (units)	FY 2020 regulatory fees
Less than 50 Gbps .....	.0625	\$13,450
50 Gbps or greater, but less than 250 Gbps .....	.125	26,875
250 Gbps or greater, but less than 1,500 Gbps .....	.25	53,750
1,500 Gbps or greater, but less than 3,500 Gbps .....	.5	107,500
3,500 Gbps or greater, but less than 6,500 Gbps .....	1.0	215,000
6,500 Gbps or greater .....	2.0	430,000

## V. 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 Notice of Proposed Rulemaking (*Notice*). 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 this *Notice*. The Commission will send a copy of the *Notice*, including the IRFA, to the Chief Counsel for Advocacy of the Small Business Administration (SBA). In addition, the *Notice* and IRFA (or summaries thereof) will be published in the **Federal Register**.

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

2. The *Notice* seeks comment on regulatory fees for fiscal year (FY) 2021, as required by section 9 of the Communications Act of 1934, as amended (Communications Act or Act). The *Notice* sets forth the proposed regulatory fees for FY 2021 for regulatees in the Wireless Telecommunications Bureau, Media Bureau, Wireline Competition Bureau, and International Bureau. The proposed regulatory fees are attached to the *Notice* in Tables 2 and 3.

3. This regulatory fee *Notice* is needed because the Commission is required by Congress to adopt regulatory fees each year “to recover the costs of carrying out

the activities described in section 6(a) only to the extent, and in the total amounts, provided for in Appropriation Acts.” The objective of the *Notice* is to propose regulatory fees for FY 2021. The *Notice* seeks comment on the Commission’s proposed regulatory fees for FY 2021.

4. The *Notice* proposes to collect \$374,000,000 in regulatory fees for FY 2021, as detailed in the proposed fee schedules in Tables 2 and 3. In addition, the *Notice* seeks comment on a proposed increase in the DBS fee rate; proposed fees for full-power broadcast televisions using the actual population covered by the station’s contour, as the Commission adopted last year; and a fee for a new regulatory fee category for “less complex” non-geostationary space stations. All proposed fees are listed in Tables 2 and 3 of the *Notice*.

5. The *Notice* seeks comment on whether to continue for FY 2021 regulatory fees the temporary relief measures adopted in FY 2020 for requesting waiver, reduction, deferral, and installment payment of FY 2020 regulatory fees. Specifically, the *Notice* seeks comment on whether we should extend to the FY 2021 regulatory fee season the temporary measures the Commission adopted in FY 2020 to provide relief to regulatees whose businesses have suffered financial harm due to the pandemic, *i.e.*, waiver of section 1.1166(a) of the Commission’s rules to permit parties seeking regulatory fee waiver and deferral for financial hardship reasons to make a single request for both waiver and deferral; waiver of the same rule to

permit requests to be submitted electronically to the Commission, rather than in paper form; waivers to allow parties seeking extended payment terms to do so by submitting an email request, and allowing a combined installment payment request with any waiver, reduction, and deferral requests in a single filing.

### B. Legal Basis

6. This action, including publication of proposed rules, is authorized under sections (4)(i) and (j), 159, 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

7. The RFA directs agencies to provide a description of, and where feasible, an estimate of the number of small entities that may be affected by the 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.

8. *Small Businesses, Small Organizations, Small Governmental Jurisdictions.* Our actions, over time,

may affect small entities that are not easily categorized at present. We therefore describe 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 SBA's 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 28.8 million businesses.

9. Next, the type of small entity described as a "small organization" is generally "any not-for-profit enterprise which is independently owned and operated and is not dominant in its field." Nationwide, as of August 2016, there were approximately 356,494 small organizations based on registration and tax data filed by nonprofits with the Internal Revenue Service (IRS).

10. Finally, the small entity described as a "small governmental jurisdiction" is defined generally as "governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand." U.S. Census Bureau data from the 2012 Census of Governments indicate that there were 90,056 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States. Of this number there were 37,132 General purpose governments (county, municipal and town or township) with populations of less than 50,000 and 12,184 Special purpose governments (independent school districts and special districts) with populations of less than 50,000. The 2012 U.S. Census Bureau data for most types of governments in the local government category show that the majority of these governments have populations of less than 50,000. Based on this data we estimate that at least 49,316 local government jurisdictions fall in the category of "small governmental jurisdictions." Governmental entities are, however, exempt from application fees.

11. *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 and IPTV) audio and video programming distribution, and wired broadband internet services. By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry." The SBA has developed a small business size standard for Wired Telecommunications Carriers, which consists of all such companies having 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year. Of this total, 3,083 operated with fewer than 1,000 employees. Thus, under this size standard, the majority of firms in this industry can be considered small.

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

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

14. *Competitive Local Exchange Carriers (Competitive LECs), Competitive Access Providers (CAPs), Shared-Tenant Service Providers, and Other Local Service Providers*. Neither the Commission nor the SBA has developed a small business size standard specifically for these service providers. The appropriate NAICS Code category is Wired Telecommunications Carriers and under that size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 indicate that 3,117 firms operated during that year. Of that number, 3,083 operated with fewer than 1,000 employees. Based on these data, the Commission concludes that the majority of Competitive LECs, CAPs, Shared-Tenant Service Providers, and Other Local Service Providers, are small entities. According to Commission data, 1,442 carriers reported that they were engaged in the provision of either competitive local exchange services or competitive access provider services. Of these 1,442 carriers, an estimated 1,256 have 1,500 or fewer employees. In addition, 17 carriers have reported that they are Shared-Tenant Service Providers, and all 17 are estimated to have 1,500 or fewer employees. Also, 72 carriers have reported that they are Other Local Service Providers. Of this total, 70 have 1,500 or fewer employees. Consequently, based on internally researched FCC data, the Commission estimates that most providers of competitive local exchange service, competitive access providers, Shared-Tenant Service Providers, and Other Local Service Providers are small entities.

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

16. *Prepaid Calling Card Providers.* Neither the Commission nor the SBA has developed a small business size standard specifically for prepaid calling card providers. The appropriate NAICS code category for prepaid calling card providers is Telecommunications Resellers. This industry comprises establishments engaged in purchasing access and network capacity from owners and operators of telecommunications networks and reselling wired and wireless telecommunications services (except satellite) to businesses and households. Establishments in this industry resell telecommunications; they do not operate transmission facilities and infrastructure. Mobile virtual network operators (MVNOs) are included in this industry. The SBA has developed a small business size standard for the category of Telecommunications Resellers. Under that size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that 1,341 firms provided resale services during that year. Of that number, 1,341 operated with fewer than 1,000 employees. Thus, under this category and the associated small business size standard, the majority of these resellers can be considered small entities. According to Commission data, 193 carriers have reported that they are engaged in the provision of prepaid calling cards. All 193 carriers have 1,500 or fewer employees. Consequently, the Commission estimates that the majority of prepaid calling card providers are small.

17. *Local Resellers.* The SBA has not developed a small business size standard specifically for Local Resellers. The SBA category of Telecommunications Resellers is the closest NAICS code category for local resellers. The Telecommunications Resellers industry comprises establishments engaged in purchasing access and network capacity from owners and operators of telecommunications networks and reselling wired and wireless telecommunications services (except satellite) to businesses and households. Establishments in this industry resell telecommunications; they do not operate transmission facilities and infrastructure. Mobile virtual network operators (MVNOs) are included in this industry. Under the SBA's size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data from 2012 show that 1,341 firms provided resale services during that year. Of that number, all

operated with fewer than 1,000 employees. Thus, under this category and the associated small business size standard, the majority of these resellers can be considered small entities. According to Commission data, 213 carriers have reported that they are engaged in the provision of local resale services. Of these, an estimated 211 have 1,500 or fewer employees and two have more than 1,500 employees. Consequently, the Commission estimates that the majority of local resellers are small entities.

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

19. *Other Toll Carriers.* Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to Other Toll Carriers. This category includes toll carriers that do not fall within the categories of interexchange carriers, operator service providers, prepaid calling card providers, satellite service carriers, or toll resellers. The closest applicable NAICS code category is for Wired Telecommunications Carriers, as defined in paragraph 6 of this IRFA. Under that size standard, such a business is small if it has 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that there were 3,117 firms

that operated that year. Of this total, 3,083 operated with fewer than 1,000 employees. Thus, under this size standard, the majority of firms in this industry can be considered small. According to Commission data, 284 companies reported that their primary telecommunications service activity was the provision of other toll carriage. Of these, an estimated 279 have 1,500 or fewer employees. Consequently, the Commission estimates that most Other Toll Carriers are small entities.

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

21. *Television Broadcasting.* This Economic Census category "comprises establishments primarily engaged in broadcasting images together with sound." These establishments operate television broadcast studios and facilities for the programming and transmission of programs to the public. These establishments also produce or transmit visual programming to affiliated broadcast television stations, which in turn broadcast the programs to the public on a predetermined schedule. Programming may originate in their own studio, from an affiliated network, or from external sources. The SBA has created the following small business size standard for such businesses: Those having \$41.5 million or less in annual receipts. The 2012 Economic Census reports that 751 firms in this category operated in that year. Of that number, 656 had annual receipts of \$25,000,000 or less. Based on this data we therefore estimate that the majority of commercial television broadcasters are small entities under the applicable SBA size standard.

22. The Commission has estimated the number of licensed commercial television stations to be 1,377. Of this



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

23. We note, however, that in assessing whether a business concern qualifies as “small” under the above definition, business (control) affiliations must be included. Our estimate, therefore, likely overstates the number of small entities that might be affected by our action, because the revenue figure on which it is based does not include or aggregate revenues from affiliated companies. In addition, another element of the definition of “small business” requires that an entity not be dominant in its field of operation. We are unable at this time to define or quantify the criteria that would establish whether a specific television broadcast station is dominant in its field of operation. Accordingly, the estimate of small businesses to which rules may apply does not exclude any television station from the definition of a small business on this basis and is therefore possibly over-inclusive. Also, as noted above, an additional element of the definition of “small business” is that the entity must be independently owned and operated. The Commission notes that it is difficult at times to assess these criteria in the context of media entities and its estimates of small businesses to which they apply may be over-inclusive to this extent.

24. *Radio Stations.* This Economic Census category “comprises establishments primarily engaged in broadcasting aural programs by radio to the public. Programming may originate in their own studio, from an affiliated network, or from external sources.” The SBA has established a small business size standard for this category as firms having \$41.5 million or less in annual receipts. Economic Census data for 2012

show that 2,849 radio station firms operated during that year. Of that number, 2,806 firms operated with annual receipts of less than \$25 million per year, 17 with annual receipts between \$25 million and \$49,999,999 million and 26 with annual receipts of \$50 million or more. Therefore, based on the SBA’s size standard the majority of such entities are small entities.

25. According to Commission staff review of the BIA/Kelsey, LLC’s Media Access Pro Radio Database as of January 2018, about 11,261 (or about 99.9 percent) of 11,383 commercial radio stations had revenues of \$41.5 million or less and thus qualify as small entities under the SBA definition. The Commission has estimated the number of licensed commercial AM radio stations to be 4,633 stations and the number of commercial FM radio stations to be 6,738, for a total number of 11,371. We note the Commission has also estimated the number of licensed noncommercial (NCE) FM radio stations to be 4,128. Nevertheless, the Commission does not compile and otherwise does not have access to information on the revenue of NCE stations that would permit it to determine how many such stations would qualify as small entities. We also note, that in assessing whether a business entity qualifies as small under the above definition, business control affiliations must be included. The Commission’s estimate therefore likely overstates the number of small entities that might be affected by its action, because the revenue figure on which it is based does not include or aggregate revenues from affiliated companies. In addition, to be determined a “small business,” an entity may not be dominant in its field of operation. We further note, that it is difficult at times to assess these criteria in the context of media entities, and the estimate of small businesses to which these rules may apply does not exclude any radio station from the definition of a small business on these basis, thus our estimate of small businesses may therefore be over-inclusive. Also, as noted above, an additional element of the definition of “small business” is that the entity must be independently owned and operated. The Commission notes that it is difficult at times to assess these criteria in the context of media entities and the estimates of small businesses to which they apply may be over-inclusive to this extent.

26. *Cable Companies and Systems (Rate Regulation).* The Commission has also developed its own small business size standards, for the purpose of cable rate regulation. Under the Commission’s

rules, a “small cable company” is one serving 400,000 or fewer subscribers nationwide. Industry data indicate that there are 4,600 active cable systems in the United States. Of this total, all but five cable operators nationwide are small under the 400,000-subscriber size standard. In addition, under the Commission’s rate regulation rules, a “small system” is a cable system serving 15,000 or fewer subscribers. Commission records show 4,600 cable systems nationwide. Of this total, 3,900 cable systems have fewer than 15,000 subscribers, and 700 systems have 15,000 or more subscribers, based on the same records. Thus, under this standard as well, we estimate that most cable systems are small entities.

27. *Cable System Operators (Telecom Act Standard).* The Communications Act of 1934, as amended, also contains a size standard for small cable system operators, which is “a cable operator that, directly or through an affiliate, serves in the aggregate fewer than one percent of all subscribers in the United States and is not affiliated with any entity or entities whose gross annual revenues in the aggregate exceed \$250,000,000.” As of 2019, there were approximately 48,646,056 basic cable video subscribers in the United States. Accordingly, an operator serving fewer than 486,460 subscribers shall be deemed a small operator if its annual revenues, when combined with the total annual revenues of all its affiliates, do not exceed \$250 million in the aggregate. Based on available data, we find that all but five cable operators are small entities under this size standard. We note that the Commission neither requests nor collects information on whether cable system operators are affiliated with entities whose gross annual revenues exceed \$250 million. Therefore, we are unable at this time to estimate with greater precision the number of cable system operators that would qualify as small cable operators under the definition in the Communications Act.

28. *Direct Broadcast Satellite (DBS) Service.* DBS service is a nationally distributed subscription service that delivers video and audio programming via satellite to a small parabolic “dish” antenna at the subscriber’s location. DBS is included in SBA’s economic census category “Wired Telecommunications Carriers.” The Wired Telecommunications Carriers industry comprises establishments primarily engaged in operating and/or providing access to transmission facilities and infrastructure that they own and/or lease for the transmission of voice, data, text, sound, and video using

wired telecommunications networks. Transmission facilities may be based on a single technology or combination of technologies. Establishments in this industry use the wired telecommunications network facilities that they operate to provide a variety of services, such as wired telephony services, including VoIP services, wired (cable) audio and video programming distribution; and wired broadband internet services. By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry. The SBA determines that a wireline business is small if it has fewer than 1,500 employees. U.S. Census Bureau data for 2012 indicates that 3,117 wireline companies were operational during that year. Of that number, 3,083 operated with fewer than 1,000 employees. Based on that data, we conclude that the majority of wireline firms are small under the applicable SBA standard. Currently, however, only two entities provide DBS service, which requires a great deal of capital for operation: DIRECTV (owned by AT&T) and DISH Network. DIRECTV and DISH Network each report annual revenues that are in excess of the threshold for a small business. Accordingly, we must conclude that internally developed FCC data are persuasive that, in general, DBS service is provided only by large firms.

29. *All Other Telecommunications.* The “All Other Telecommunications” category is comprised of establishments primarily engaged in providing specialized telecommunications services, such as satellite tracking, communications telemetry, and radar station operation. This industry also includes establishments primarily engaged in providing satellite terminal stations and associated facilities connected with one or more terrestrial systems and capable of transmitting telecommunications to, and receiving telecommunications from, satellite systems. Establishments providing internet services or voice over internet protocol (VoIP) services via client-supplied telecommunications connections are also included in this industry. The SBA has developed a small business size standard for All Other Telecommunications, which consists of all such firms with annual receipts of \$35 million or less. For this category, U.S. Census Bureau data for 2012 shows that there were 1,442 firms that operated for the entire year. Of those firms, a total of 1,400 had annual receipts less than \$25 million and 15 firms had annual receipts of \$25 million

to \$49,999,999. Thus, the Commission estimates that the majority of “All Other Telecommunications” firms potentially affected by our action can be considered small.

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

31. *Carrier RespOrgs.* Neither the Commission, the U.S. Census, nor the SBA have developed a definition for Carrier RespOrgs. Accordingly, the Commission believes that the closest NAICS code-based definitional categories for Carrier RespOrgs are Wired Telecommunications Carriers, and Wireless Telecommunications Carriers (except satellite).

32. The U.S. Census Bureau defines Wired Telecommunications Carriers as “establishments primarily engaged in operating and/or providing access to transmission facilities and infrastructure that they own and/or lease for the transmission of voice, data, text, sound, and video using wired communications networks. Transmission facilities may be based on a single technology or a combination of technologies. Establishments in this industry use the wired telecommunications network facilities that they operate to provide a variety of services, such as wired telephony services, including VoIP services, wired (cable) audio and video programming distribution, and wired broadband internet services. By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry.” The SBA has developed a small business size standard for Wired Telecommunications Carriers, which consists of all such companies having 1,500 or fewer employees. U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year. Of this total, 3,083 operated with fewer than 1,000 employees. Based on that data, we conclude that the majority of Carrier RespOrgs that operated with wireline-based technology are small.

33. The U.S. Census Bureau defines Wireless Telecommunications Carriers (except satellite) as establishments engaged in operating and maintaining switching and transmission facilities to provide communications via the airwaves, such as cellular services,

paging services, wireless internet access, and wireless video services. The appropriate size standard under SBA rules is that such a business is small if it has 1,500 or fewer employees. Census data for 2012 show that 967 Wireless Telecommunications Carriers operated in that year. Of that number, 955 operated with less than 1,000 employees. Based on that data, we conclude that the majority of Carrier RespOrgs that operated with wireless-based technology are small.

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

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

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

management consulting services are small.

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

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

38. This *Notice* does not propose any changes to the Commission's current information collection, reporting, recordkeeping, or compliance requirements. Licensees, including small entities, will be required to pay application fees after such fees are adopted.

*E. Steps Taken To Minimize Significant Economic Impact on Small Entities, and Significant Alternatives Considered*

39. 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.

40. The *Notice* seeks comment on the Commission's proposed regulatory fees for FY 2021. The *Notice* proposes to collect \$374,000,000 in regulatory fees for FY 2021, as detailed in the proposed fee schedules in Tables 2 and 3 of the *Notice*. 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 Act. Under the section 9(e)(2) exemption, a regulatee is exempt from paying regulatory fees if the sum total of all of its annual regulatory fee liabilities is \$1,000 or less for the fiscal year. The threshold applies only to filers of annual regulatory fees, not regulatory

fees paid through multi-year filings. The Commission also adopted a new regulatory fee category for "less complex" NGSO satellite systems, so that these smaller systems would have a lower regulatory fee than the other NGSO systems.

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

41. None.

**VI. Ordering Clauses**

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

Federal Communications Commission.

**Cecilia Sigmund,**

*Federal Register Liaison Officer, Office of the Secretary.*

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