

Before the
Federal Communications Commission
Washington, DC 20554

In the Matter of)
Assessment and Collection of Regulatory Fees for) MD Docket No. 21-190
Fiscal Year 2021)
Assessment and Collection of Regulatory Fees for) MD Docket No. 20-105
Fiscal Year 2020)

REPORT AND ORDER AND NOTICE OF PROPOSED RULEMAKING

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Table of Contents

Heading Paragraph #
I. INTRODUCTION.....1
II. BACKGROUND.....3
III. REPORT AND ORDER – NEW REGULATORY FEE CATEGORIES FOR CERTAIN
NGSO SPACE STATIONS6
IV. NOTICE OF PROPOSED RULEMAKING21
A. Methodology for Allocating FTEs.....21
B. Calculating Regulatory Fees for Commercial Mobile Radio Services.....24
C. Direct Broadcast Satellite Regulatory Fees30
D. Television Broadcaster Issues.....32
E. NGSO Regulatory Fees.....35
F. Continued Flexibility in FY 2021 for Regulatory Payors Seeking Waivers Due to
Financial Hardship Caused by the COVID-19 Pandemic.....37
G. Additional Regulatory Fee Reform.....41
V. PROCEDURAL MATTERS.....42
VI. ORDERING CLAUSES.....58
APPENDIX A - CALCULATION OF FY 2021 REVENUE REQUIREMENTS AND PRO-RATA FEES
APPENDIX B - FY 2021 SCHEDULE OF REGULATORY FEES
APPENDIX C - SOURCES OF PAYMENT UNIT ESTIMATES FOR FY 2021
APPENDIX D - FACTORS, MEASUREMENTS, AND CALCULATIONS THAT DETERMINE
STATION SIGNAL CONTOURS AND ASSOCIATED POPULATION COVERAGES
APPENDIX E - SATELLITE CHARTS FOR FY 2021 REGULATORY FEES
APPENDIX F - FY 2021 FULL-SERVICE BROADCAST TELEVISION STATIONS BY CALL SIGN
APPENDIX G - FY 2020 SCHEDULE OF REGULATORY FEES
APPENDIX H - FINAL REGULATORY FLEXIBILITY ANALYSIS
APPENDIX I - INITIAL REGULATORY FLEXIBILITY ANALYSIS

I. INTRODUCTION

1. In this Report and Order and 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 2021,¹ 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

2. In light of our review of the record in response to the Further Notice of Proposed Rulemaking (*FNPRM*) attached to the *FY 2020 Report and Order*,³ we adopt a new distinction between non-geostationary orbit (NGSO) satellite systems, as further described below, by creating 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)" in the Report and Order.⁴ In the 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.

II. BACKGROUND

3. The Commission is required by Congress to assess regulatory fees each year in an amount that can reasonably be expected to equal the amount of its appropriation.⁵ Regulatory fees recover direct costs, such as salary and expenses; indirect costs, such as overhead functions; and support costs, such as rent, utilities, and equipment.⁶ Regulatory fees also cover the costs incurred in regulating

¹ Fiscal year 2021 started on October 1, 2020. The proposed regulatory fee schedule for FY 2021 is set forth in Appendices A and B. For comparison purposes, the FY 2020 regulatory fee rates are listed in Appendix G.

² 47 U.S.C. § 159. Division E—Financial Services and General Government Appropriations Act, 2021, Title V—Independent Agencies, Federal Communications Commission of the Consolidated Appropriations Act, 2021, Public Law No: 116-260 (12/27/2020) (appropriating to the Commission \$374,000,000 for its annual salaries and expense and directing the Commission to collect \$374,000,000 in offsetting collections for fiscal year 2021). Of the \$374,000,000 appropriation, Congress directed that "\$33,000,000 shall be made available until expended for implementing title VIII of the Communications Act of 1934 (47 U.S.C. 641 et seq.), as added by the Broadband DATA Act (Public Law 116-130)." *Id.*

³ *Assessment and Collection of Regulatory Fees for Fiscal Year 2020*, Report and Order and Further Notice of Proposed Rulemaking, __ FCC Rcd __, __ paras. 88-93 (2020) (*FY 2020 Report and Order*).

⁴ Previously, in the *Small Satellite Report and Order*, the Commission adopted a regulatory fee category for small satellites and small spacecraft. *Streamlining Licensing Procedures for Small Satellites*, Report and Order, 34 FCC Rcd 13077, 13118-19, para. 105 (2019) (*Small Satellite Report and Order*). There are no small satellite or small spacecraft systems that were licensed or granted market access and operational for which we would assess FY 2021 regulatory fees; however, we anticipate that regulatory fees for some small satellite systems will be due for FY 2022. We will seek comment later on the proposed fee for FY 2022.

⁵ 47 U.S.C. § 159(a) ("shall assess and collect regulatory fees"); 47 U.S.C. § 159(b) ("Commission shall assess and collect regulatory fees at such rates as the Commission shall establish in a schedule of regulatory fees that will result in the collection, in each fiscal year, of an amount that can reasonably be expected to equal the amounts described in subsection (a) with respect to such fiscal year.").

⁶ *Assessment and Collection of Regulatory Fees for Fiscal Year 2004*, Report and Order, 19 FCC Rcd 11662, 11666, para. 11 (2004) (*FY 2004 Report and Order*).

entities that are statutorily exempt from paying regulatory fees (e.g., governmental and nonprofit entities, amateur radio operators, and noncommercial radio and television stations)⁷ and entities whose regulatory fees are waived.⁸ For the FY 2021 appropriation, the Commission must recover \$374,000,000, as set forth in the 2021 Appropriations Act.⁹

4. The Commission’s methodology for assessing and amending regulatory fees must “reflect the full-time equivalent number of employees within the bureaus and offices of the Commission, adjusted to take into account factors that are reasonably related to the benefits provided to the payor of the fee by the Commission’s activities.”¹⁰ Since 2012, the Commission has assessed the allocation of full-time equivalents (FTEs)¹¹ by first determining the number of direct FTEs in each “core” bureau that carries out licensing activities (i.e., the Wireless Telecommunications Bureau, Media Bureau, Wireline Competition Bureau, and International Bureau) and then attributing all other non-auction FTEs, or indirect FTEs, to payor categories based on these core FTE allocations.¹²

5. 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.¹³ In 2019, the Commission adopted several rule amendments¹⁴ to conform them to the RAY BAUM’S Act of 2018.¹⁵ Last year, the Commission added non-U.S. licensed space stations with United States market access grants to the regulatory fee schedule.¹⁶ 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.¹⁷

III. REPORT AND ORDER – NEW REGULATORY FEE CATEGORIES FOR CERTAIN

⁷ 47 U.S.C. § 159(e)(1).

⁸ 47 CFR § 1.1166.

⁹ See note 2, *supra*.

¹⁰ 47 U.S.C. § 159(d).

¹¹ One FTE, a “Full Time Equivalent” or “Full Time Employee,” is a unit of measure equal to the work performed annually by a full time person (working a 40-hour workweek for a full year) assigned to the particular job, and subject to agency personnel staffing limitations established by the U.S. Office of Management and Budget.

¹² *Procedures for Assessment and Collection of Regulatory Fees*, Notice of Proposed Rulemaking, 27 FCC Rcd 8458, 8460, para. 5 & n.5 (2012) (*FY 2012 NPRM*).

¹³ For a summary of some of the Commission’s regulatory fee reforms, see *Assessment and Collection of Regulatory Fees for Fiscal Year 2019*, Report and Order and Further Notice of Proposed Rulemaking, 34 FCC Rcd 8189, 8191, para. 4 (2019) (*FY 2019 Report and Order*).

¹⁴ *FY 2019 Report and Order*, 34 FCC Rcd at 8209-212, paras. 56-60. At that time the Commission concluded that because section 9, as amended by the RAY BAUM’S Act, closely aligned to how the Commission assessed and collected regulatory fees under the prior section 9, it would continue to follow the established methodology in assessing regulatory fees.

¹⁵ *FY 2019 Report and Order*, 34 FCC Rcd at 8193, para. 7. The Repack Airwaves Yielding Better Access for Users of Modern Services Act of 2018, or the RAY BAUM’S Act of 2018, amended sections 8 and 9 and added section 9A to the Communications Act, effective October 1, 2018. See Consolidated Appropriations Act, 2018, Pub. L. No. 115-141, 132 Stat. 1084, Division P – RAY BAUM’S Act of 2018, Title I, § 103 (2018); 47 U.S.C. §§ 159, 159A.

¹⁶ *Assessment and Collection of Regulatory Fees for Fiscal Year 2020*, Notice of Proposed Rulemaking, 35 FCC Rcd at 4979-91, paras. 7-34 (2020) (*FY 2020 NPRM*), *appeal pending*, Telesat Canada, Eutelsat S.A., Kineis, Hiber Inc., and Inmarsat Group Holdings Ltd v. FCC & USA, No. 20-1234 (D.C. Cir. filed July 2, 2020).

¹⁷ *FY 2020 NPRM*, 35 FCC Rcd at 4980-81, paras. 10-11.

NGSO SPACE STATIONS

6. We first address the recent modifications in methodology for International Bureau licensee fees to more closely reflect the statutory requirement. After previously increasing the allocation of indirect FTEs in the International Bureau,¹⁸ in FY 2020 the Commission adopted a regulatory fee for foreign licensed space stations with U.S. market access, recharacterizing and thereby increasing the total number of direct FTEs for the International Bureau to 28.¹⁹ The Commission also adjusted the FTE allocation for the international bearer circuit (IBC) category to eight FTEs, from 6.9 FTEs, to better reflect the direct FTE work in the International Bureau for that fee category, resulting in 20 FTEs assigned to the satellite and earth station regulatory fee category.²⁰ The Commission also adjusted the allocation of FTEs among geostationary orbit (GSO) and NGSO space station and earth station operators.²¹ The Commission noted the disparity in number of units between GSO space stations (98) and NGSO space stations (seven), and noted that under a single NGSO license, many satellites can be operated while counting as a single unit for regulatory fee purposes, but only one satellite can be operated per GSO space station regulatory fee unit.²² To ensure that regulatory fees more closely reflect the work of oversight and regulation for each category, the Commission allocated 80% of space station regulatory fees to GSOs and 20% of the space station regulatory fees to NGSOs.²³

7. In the *FNPRM* attached to the *FY 2020 Report and Order*, the Commission sought comment on different proposals for new fee categories for different types of NGSO systems.²⁴ In response to the *FNPRM*, some commenters generally argue that the size of an NGSO system, or the services the system may provide, does not correlate to Commission resources.²⁵ Others support adopting various aspects of the *FNPRM* proposals, and that NGSO systems should be distinguished by type. For purposes of calculating regulatory fees, we determine that the number of U.S.-authorized earth stations with which an NGSO system will communicate and the primary use of the NGSO system are complementary considerations that together define the complexity of the system.²⁶ After consideration of the record, we conclude that the majority of our NGSO-related regulatory activities involve certain types of NGSO systems, and that the NGSO category can be divided into two types of systems for purposes of the assessment of regulatory fees: (1) “less complex” systems, defined as NGSO satellite systems

¹⁸ In 2013, the Commission determined that all but 28 FTEs in the International Bureau should be considered indirect. *Assessment and Collection of Regulatory Fees for Fiscal Year 2013*, Report and Order, 28 FCC Rcd 12351, 12355-356, para. 14 (2013) (*FY 2013 Report and Order*). In 2015, the Commission allocated an additional four FTEs, who were working on market access requests for foreign licensed space stations, as indirect. *Assessment and Collection of Regulatory Fees for Fiscal Year 2015*, Report and Order and Further Notice of Proposed Rulemaking, 30 FCC Rcd 10268, 10278, para. 24 (2015) (*FY 2015 Report and Order*). This reduced the number of direct FTEs in the International Bureau to 24.

¹⁹ *FY 2020 NPRM*, 35 FCC Rcd at 4991, para. 33.

²⁰ *FY 2020 NPRM*, 35 FCC Rcd at 4992, para. 36.

²¹ *FY 2020 NPRM*, 35 FCC Rcd at 4993-95, paras. 39-45.

²² *FY 2020 NPRM*, 35 FCC Rcd at 4993, para. 40.

²³ *FY 2020 NPRM*, 35 FCC Rcd at 4993, para. 41.

²⁴ *FY 2020 Report and Order* at ____, paras. 88-93.

²⁵ Telesat Canada (Telesat) Comments at 2; SES Americom, Inc. and O3b Limited (SES) Comments at 1; SES Reply at 1; WorldVu Satellites Limited (OneWeb) Reply at 3-4.

²⁶ As we discuss in more detail in paragraph 16 below, although we define the “less complex” subcategory at this time to include those NGSO systems that are primarily used for EESS and/or AIS, it is possible that other uses may be included in the definition of “less complex” NGSO systems in the future as those uses develop and more information is known about the specifics of their systems.

planning to communicate with 20 or fewer U.S. authorized earth stations²⁷ that are primarily used for Earth Exploration Satellite Service (EESS) and/or Automatic Identification System (AIS); and (2) “other” NGSO satellite systems. We therefore adopt two subcategories under the Space Station (Non-Geostationary Orbit) fee category: (1) Space Station (Non-Geostationary Orbit) – Less Complex; and (2) Space Station (Non-Geostationary Orbit) – Other, as discussed below.

8. In the *FNPRM*, the Commission sought comment on several specific proposals to define multiple NGSO system fee categories. Among these was a proposal from Amazon Web Services, Inc. (AWS) to adopt a nominal regulatory fees for NGSO systems with five or fewer U.S.-licensed earth stations for Telemetry, Tracking, and Control (TT&C) and non-domestic data and downlink purposes.²⁸ As discussed below, we adopt a variation on this proposal. The Commission also sought comment on a proposal from Kineis to use a formula to calculate fee tiers for an NGSO system based on the number of operating satellites and the total transmit bandwidth.²⁹ Kineis had argued that its proposal would allow for fair allocation of fees in consideration of the varying facets of each NGSO system, such as size, number of space stations, necessary spectrum, and services provided.³⁰ In comments to the *FNPRM*, Kepler Communications Inc. (Kepler) recommends a variation on Kineis’s approach, proposing fee tiers based on quantity of desired bandwidth, the “value” of the desired spectral band, and aggregate on-orbit mass.³¹ Additionally, the Commission sought comment on a proposal from Eutelsat S.A. (Eutelsat) to create two regulatory fee categories for NGSO systems based on the number of satellites,³² as well as a proposal of Myriota Pty. Ltd. (Myriota) to assign each NGSO system into one of three fee categories: fixed-satellite service (FSS), mobile satellite service (MSS) and remote sensing (EESS), and other NGSO systems.³³

9. In connection with these various proposals, a number of commenters agree that the Commission expends more resources on certain types of NGSO systems. Commenters focus on various characteristics of the NGSO systems. AWS, for example, suggests that EESS systems that communicate with five or fewer U.S.-licensed earth stations for TT&C and non-domestic data downlink purposes do not meaningfully gain access to the United States market.³⁴ AWS explains that instead, the U.S.-located earth stations function as a data transit location, and actual service occurs in the cloud where the data is processed.³⁵ Planet Labs Inc. (Planet) supports Myriota’s proposal to distinguish between systems based solely on the type of service offered. Planet asserts that the Commission expended greater resources in 2020 on FSS-related report and orders, proceedings, rulemakings, and processing adjudications than it did for other services.³⁶

10. Not all commenters take this view, however.³⁷ For example, Space Exploration Technologies Corp. (SpaceX) disagrees with Myriota’s proposal and contends that the record contains no

²⁷ The U.S. authorized earth stations include those earth stations that are or will be operating pursuant to an FCC license or have been authorized by other U.S. federal government agencies and include earth stations located on U.S.-registered vessels or aircraft.

²⁸ *FY 2020 Report and Order* at ____, para. 91.

²⁹ *FY 2020 Report and Order* at __, para. 88.

³⁰ *Id.*

³¹ Kepler Communications Inc. (Kepler) Comments at 2.

³² *FY 2020 Report and Order* at __, para. 89.

³³ *FY 2020 Report and Order* at __, para. 90.

³⁴ Amazon Web Services, Inc. (AWS) Comments at 3.

³⁵ *Id.*

³⁶ Planet Labs, Inc. (Planet) Comments at 2.

³⁷ *See, e.g.*, SES Reply at 5; SpaceX Reply at 1; Telesat Reply at 2-3.

evidence that the service provided by an NGSO system correlates with the expenditure of Commission resources.³⁸ SpaceX offers that many EESS systems require Commission staff to coordinate with government systems through the Interdepartmental Radio Advisory Committee process, while many FSS systems do not, and that the Commission has recently conducted rulemakings affecting various types of satellite systems beyond FSS systems.³⁹ Planet counters that, although processing EESS applications can also be time consuming, the vast majority of the processing burden is borne by the applicant.⁴⁰

11. After reviewing and evaluating the regulatory tasks for all NGSO systems, we agree with commenters asserting that we should differentiate within the NGSO space station category for regulatory fees. The amount of work involved in regulating NGSO systems and the number of reasonably related benefits provided to the payors of the NGSO fee category by our activities appear to directly correlate with certain characteristics in a requested authorization for an NGSO system.⁴¹ Both the number of earth stations and the primary use of the system are relevant. Accordingly, we adopt a regulatory fee category for “less complex” NGSO systems and define this “less complex” NGSO system category by adopting elements of several of the *FNPRM* proposals. For regulatory fee purposes, we define a “less complex” systems as NGSO satellite systems that plan to communicate with 20 or fewer U.S. authorized earth stations, primarily used for EESS and/or AIS. Any NGSO satellite systems that do not qualify as “less complex” would fall into the category of “other” NGSO satellite systems, for regulatory fee purposes.⁴²

12. Our experience demonstrates that the systems providing EESS and or AIS are most likely to be “less complex” systems if they also are planning to communicate with 20 or fewer earth stations. These “less complex” systems require fewer Commission resources because, for example, they are nearly always granted pursuant to waivers of resource-intensive processing rounds, based on their ability to share with other operators in the requested frequency bands.⁴³ We agree with Planet’s assertion that those systems authorized through a processing round typically do involve considerable time and effort adjudicating contentious processing round disputes and related licensing matters.⁴⁴ In addition, the Commission has expended significant resources on rulemakings and licensing proceedings for “more complex” NGSO systems.⁴⁵ These rulemakings and licensing proceedings have focused on issues that

³⁸ SpaceX Comments at 2.

³⁹ *Id.*

⁴⁰ Planet Comments at 4.

⁴¹ We disagree, however, with AWS’s assertions that any services, including TT&C and non-domestic downlink, currently subject to regulatory fees do not meaningfully gain access to the U.S. market. In our *2020 Report and Order*, we addressed and rejected such claims. *FY 2020 Report and Order*, 35 FCC Rcd at ___, paras. 44-45.

⁴² Starting in FY 2022, we expect to adopt a regulatory fee, under the category of space stations, for NGSO small satellites and small spacecraft, licensed or granted market access under the part 25 small satellite or small spacecraft process. The regulatory fee category for small satellites was adopted in the *Small Satellite Report and Order*, 34 FCC Rcd 13077, 13118-19, para. 105.

⁴³ Processing rounds are used by the International Bureau to authorize NGSO systems, including those that may require “always on” availability of the requested spectrum, or availability over larger geographic areas, which is consistent with those “more complex” systems planning to communicate with 20 or more U.S. licensed earth stations.

⁴⁴ Planet Comments at 2-3.

⁴⁵ See, e.g., *Amendment of Parts 2 and 25 of the Commission's Rules to Facilitate the Use of Earth Stations in Motion Communicating with Geostationary Orbit Space Stations in Frequency Bands Allocated to the Fixed Satellite Service et al*, IB Docket No. 17-95, Second Report and Order, 35 FCC Rcd 5137 (2020); *Cut-Off Established for Additional NGSO-Like Satellite Applications or Petitions for Operations in the 10.7-12.7 GHz, 12.75-13.25 GHz, 13.8-14.5 GHz, 17.7-18.6 GHz, 18.8-20.2 GHz, and 27.5-30 GHz Bands*, Public Notice, 35 FCC Rcd 2881 (2020) (announcing an NGSO FSS processing round); *Petition for Rulemakings Filed*, Public Notice, Report No. 3153 (rel. July 16, 2020) (inviting comments on NGSO FSS license modification standards); *Petition for* (continued....)

correlate to systems planning to communicate with a large number of earth stations.⁴⁶ As Planet notes in its comments, the Commission historically has devoted significant resources to NGSO FSS-related rulemaking matters.⁴⁷ The Commission has also expended considerable resources evaluating spectrum sharing issues between NGSO FSS and terrestrial services, which increase in complexity as the number of earth stations increase.⁴⁸ Moreover, systems planning to communicate with larger numbers of earth stations typically have a large global presence. These global systems are likely to require more International Bureau staff resources in connection with international forums, such as the International Telecommunication Union, because of the significant global presence of these systems. They also require, in many cases, more significant spectrum needs, which may involve increased multi-lateral coordination. Taking all of these facts together, we find both that adopting a category for “less complex” NGSO systems is appropriate, and that the criteria we have identified for this category generally correlates with those systems that receive fewer regulatory benefits from the Commission’s overall activities benefiting NGSOs.

13. We also find the Commission’s regulatory work and related benefits provided to the payor of this fee category appear to have a direct correlation with the number of U.S.-authorized earth stations with which an NGSO system will communicate. As AWS points out, the complexity of that system relates generally with the amount of regulatory resources expended in connection with this type of system. Specifically, we find that those systems planning to use 20 or fewer earth stations have generally limited scope of authorization and require significantly less Commission oversight than the regulatory work involved with other NGSO systems. Our internal analysis also shows that regulation of NGSO systems planning to communicate with 20 or fewer U.S.-authorized earth stations tends to be noticeably less complex compared to the regulation of NGSO systems planning to communicate with more than 20 earth stations. Although 20 earth stations are greater in number than AWS’s proposed five earth stations, we think that it would be a more accurate number as a proxy to reflect the complexity of space systems

Rulemakings Filed, Public Notice, Report No. 3148 (rel. May 14, 2020) (inviting comments on NGSO FSS spectrum sharing rules); *Cut-Off Established for Additional NVNG MSS Applications or Petitions for Operations in the 399.9-400.05 MHz and 400.15-401 MHz Bands*, Public Notice, 34 FCC Rcd 7185 (2019) (announcing an NGSO MSS processing round); *Space Exploration Holdings, LLC*, Memorandum Opinion, Order and Authorization, 33 FCC Rcd 3391 (2018) (granting license pursuant to processing round procedures and after multiple operators opposed); *WorldVu Satellites Limited*, Order and Declaratory Ruling, 32 FCC Rcd 5366 (2017) (granting market access pursuant to processing round procedures and after other operators voiced concerns); *Cut-Off Established for Additional NGSO-Like Satellite Applications or Petitions for Operations in the 12.75-13.25 GHz, 13.85-14.0 GHz, 18.6-18.8 GHz, 19.3- 20.2 GHz, and 29.1-29.5 GHz Bands*, Public Notice, 32 FCC Rcd 4180 (2017) (announcing an NGSO FSS processing round).

⁴⁶ Therefore, we disagree as a general matter with SpaceX’s assertion that the record contains no evidence that the service provided by an NGSO system correlates with the expenditure of Commission resources. See SpaceX Comments at 2.

⁴⁷ See Planet Comments at 2 (citing *Update to Parts 2 and 25 Concerning Non-Geostationary, Fixed-Satellite Service Systems and Related Matters*, IB Docket No. 16-408, Report and Order and Further Notice of Proposed Rulemaking, 32 FCC Rcd 7809 (2017); *Comprehensive Review of Licensing and Operating Rules for Satellite Services*, IB Docket No. 12-267, Second Report and Order, 30 FCC Rcd 14713 (2015); *Allocation and Designation of Spectrum for Fixed-Satellite Services in the 37.5-38.5 GHz, 40.5-41.5 GHz and 48.2-50.2 GHz Frequency Bands*, IB Docket No. 97-95, Second Report and Order, 18 FCC Rcd 25428 (2003); *Amendment of Parts 2 and 25 of the Commission’s Rules to Permit Operation of NGSO FSS Systems Co-Frequency with GSO and Terrestrial Systems in the Ku-Band Frequency Range*, ET Docket No. 98-206, Third Memorandum Opinion and Order, 18 FCC Rcd 2307 (2003); see also, e.g., *Comprehensive Review of Licensing and Operating Rules for Satellite Services*, IB Docket No. 12-267, Report and Order, 28 FCC Rcd 12403 (2013).

⁴⁸ See, e.g., *International Bureau Seeks Comments on Satellite Industry Association Petition for Reconsideration of Public Notice Issuing Guidance on Siting Methodologies for Earth Stations Subject to Section 25.136*, Public Notice, 35 FCC Rcd 7340 (2020); *Expanding Flexible Use of the 12.2-12.7 GHz Band*, Notice of Proposed Rulemaking, 36 FCC Rcd 606 (2021).

based on our analysis.⁴⁹

14. We use the phrase “planning to communicate” since some more complex NGSO systems may communicate with a small number of earth stations during initial operational phases, but actually intend to communicate with a significantly larger set of earth stations. We find this initial phase to not be reflective of Commission costs, and therefore we will look to longer-term system design in order to determine complexity. We will interpret “planning to communicate” based on the system design provided at the NGSO space station application stage. For regulatory fee purposes, the term “earth station” encompasses all stations, including satellite gateways and user terminals. Transmitters, such as AIS, do not fall within the definition of “earth station” under part 25 of the Commission’s rules since satellite reception is not intended, but rather is an incidental monitoring of a signal primarily intended for reception by terrestrial stations.⁵⁰

15. We are persuaded by AWS to include TT&C earth stations used for spacecraft control in this earth station count. In addition, the total number of earth stations include *all* earth stations planning to communicate with the relevant system – whether the earth station is operated by the system operator or a third party is irrelevant for regulatory fee purposes.

16. As discussed above, we expect less complex NGSO space systems operations would involve primarily EESS and/or AIS.⁵¹ NGSO systems that plan to communicate with 20 or fewer U.S.-authorized stations often are developed for collecting earth exploration data and utilize communications primarily for the purpose of transferring data collected in space back to the ground. Such operations do not include objectively complex services like industrial Internet of Things services and other data services which involve space stations that typically communicate with hundreds or thousands of user terminals, and impose larger regulatory review burdens.⁵² Although we expect less complex NGSO space systems would be used primarily for EESS and/or AIS, we decline to explicitly limit “less complex” system eligibility to a particular service class alone, as proposed by Myriota, because some “less complex” systems may use multiple types of services, and the number of earth stations with which a system plans to

⁴⁹ Our analysis shows that although nearly all of the less complex category of NGSO systems plan to communicate 10 or less earth stations, we have identified at least one such system that plans to communicate with 17 earth stations.

⁵⁰ See 47 CFR § 25.103 (defining an earth station as a station located either on the earth's surface or within the major portion of earth's atmosphere and intended for communication: (1) with one or more space stations; or (2) with one or more stations of the same kind by means of one or more reflecting satellites or other objects in space).

⁵¹ EESS monitors conditions on the Earth’s surface and in the atmosphere. EESS is defined as “[a] radiocommunication service between earth stations and one or more space stations, which may include links between space stations, in which: (1) Information relating to the characteristics of the Earth and its natural phenomena, including data relating to the state of the environment, is obtained from active sensors or passive sensors on Earth satellites; (2) Similar information is collected from airborne or Earth-based platforms; (3) Such information may be distributed to earth stations within the system concerned; and (4) Platform interrogation may be included. This service may also include feeder links necessary for its operation.” 47 CFR § 2.1(c). AIS provides automatic identification tracking for maritime vessels. AIS is defined as “[a] maritime navigation safety communications system standardized by the International Telecommunication Union (ITU) and adopted by the International Maritime Organization (IMO) that provides vessel information, including the vessel's identity, type, position, course, speed, navigational status and other safety-related information automatically to appropriately equipped shore stations, other ships, and aircraft; receives automatically such information from similarly fitted ships; monitors and tracks ships; and exchanges data with shore-based facilities.” 47 CFR § 80.5. The service is primarily terrestrial-based; satellite reception is an ancillary service. See *Amendment Regarding Maritime Automatic Identification Systems*, Report and Order, 21 FCC Rcd 8892, 8894-95 8933-34, paras. 4, 58 (2006); see also *Iridium Constellation LLC*, Order and Authorization, 31 FCC Rcd 8675, 8681-82, paras. 16-18 (IB 2016).

⁵² NGSO systems communicating with earth stations operating pursuant to blanket earth station licenses, for example, would be considered “other” systems, outside the “less complex category.” A “blanket license” for earth stations is defined as a license for multiple earth stations in the FSS or MSS, or for SDARS terrestrial repeaters, that may be operated anywhere within a geographic area specified in the license. 47 CFR § 25.103.

communicate is a reasonable proxy for identifying complexity of NGSO space stations systems, and our regulatory costs. We note that EESS services typically are authorized to communicate with 20 or fewer U.S.-authorized earth stations. With respect to AIS, as a shipboard broadcast system that transmits a marine vessel's identification and position to aid in navigation and maritime safety, we also found that these systems receiving AIS signals and planning to operate with 20 or fewer earth stations involve less Commission oversight compared to other NGSO systems. We do not, however, foreclose the possibility of designating other categories of NGSO systems as "less complex" systems in the future if our experience supports a finding that our regulatory work for such systems is significantly less than those for other NGSO systems.

17. We assess the "less complex" regulatory fee on a per NGSO space station system basis, rather than on a per-earth station basis as proposed by AWS. Additionally, although AWS proposes that we assess only a nominal fee for NGSO systems with a small number of earth stations, we find that NGSO systems communicating with even a small number of earth stations do still benefit from the Commission's regulation, including enforcement, rulemakings, and international activities, and require Commission resources, therefore justifying a substantive, rather than nominal, fee. As AWS notes, most NGSO systems plan to utilize earth stations globally to remain competitive, and, for these NGSOs, downlinking to the United States is done as a function of needing a robust earth station network for its operations.⁵³ Regardless of whether a space system communicates with one or thousands of earth stations, the Commission still expends significant time and resources in regulating these space systems, and those considerations will be calculated accordingly into the "less complex," yet substantive, fee. We also find that among the new less complex category of space systems, there are not significant differences with respect to our regulatory activities benefiting each space system. We further decline to assess fees for an NGSO space station system on a "per earth station" basis. We note that the number of earth stations does not drive the regulatory resources expended for regulating space stations per se; rather, the number of earth stations typically correlates to the complexity of an NGSO space station. As noted elsewhere, we use the number of earth stations as a proxy to determine complexity of a space system. Our experience shows that there is not a meaningful resource difference, for example, between regulation of a system planning to communicate with four U.S. earth stations versus a system planning to communicate with 17 U.S. earth stations. The clear differentiation, at this point, appears to be between those NGSO systems planning to communicate with roughly 20 or fewer earth stations authorized by the United States and other NGSO systems, the vast majority of which plan to communicate with more than 100 earth stations authorized by the United States, which may include user terminals or otherwise ubiquitously deployed earth stations. In our experience, there are no "close cases" between these two categories of systems. Accordingly, we adopt this fee on a per NGSO space station system basis given the regulatory cost and benefits directly related to NGSO space systems, not earth stations.

18. We disagree with those commenters advocating against adopting additional categories of NGSO fees.⁵⁴ The Commission collects regulatory fees based on its efforts spent on regulating a payor and taking into account the benefits provided to the payor by the Commission's activities.⁵⁵ Telesat and SES suggest that, if a system operator believes that in a particular case the standard NGSO fee is substantially disproportionate, it can seek a fee waiver or reduction.⁵⁶ While our rules do enable waiver requests, they are exceptional in nature, and we decline to set up a process based on an expectation of a fee waiver or reduction. As described above, we see a clear dividing point between systems that are more complex to regulate and systems that require far fewer resources to regulate, and find that this dividing

⁵³ AWS Comments at 4.

⁵⁴ See SES Reply at 5; SpaceX Comments at 1; Telesat Reply at 2-3. We note, though, that while small satellites and small spacecraft, as characterized in the *Small Satellite Report and Order*, are technically NGSO satellites, we address these systems as a separate category, as discussed below.

⁵⁵ 47 U.S.C. § 159.

⁵⁶ SES Comments at 4; Telesat Reply at 3.

line is fairer and easier to administer than a fee waiver or other process. We also disagree with Eutelsat and OneWeb that we need additional development of the record before creating a new NGSO fee category.⁵⁷ We sought further comment in the *FNPRM* to develop the record on this issue and using a combination of factors explored in the record, conclude that certain NGSO systems should pay a different fee based on the resources required to regulate such systems. If circumstances warrant, the Commission may choose revisit or revise this new category in the future.⁵⁸

19. We also disagree, at this time, with the formula-based systems proposed by Kineis and Kepler, since these proposals are overly complex and would require the additional expenditure of Commission resources to calculate and assign fees for each individual system. Moreover, we do not find that all aspects proposed to be factored into these formulas correlate with the resources the Commission expends in regulating each system. In our experience, number of satellites, total bandwidth, on-orbit mass, and market share of the service type are not consistently indicative of the complexity of NGSO regulation. We also decline to adopt Eutelsat's proposal to create two regulatory fee categories for NGSO systems based on the number of satellites.⁵⁹ It is not our experience that number of satellites (or satellite mass) is the key driver of system complexity and regulation. For example, an NGSO system with a small number of satellites, authorized as part of a processing round to operate in the FSS to provide broadband to user terminals in a particular area, will receive significant continuous benefits reasonably related to our regulatory work. Instead, we find that the number of earth stations authorized by the United States with which a system plans to communicate provides a clearer proxy for identifying system complexity upon which to allocate fees. This approach ensures that our fee apportionment is reasonably related to our regulatory cost and that the fee structure is easier to administer.

20. In summary, after reviewing the record and analyzing the resources the International Bureau devotes to NGSO oversight and regulation, we adopt an additional NGSO space station category for "less complex" NGSO systems, for regulatory fees. We propose and seek comment on the amount of this new fee in the *NPRM* below. In addition, we create a fee category for "other" NGSO systems that do not qualify as "less complex" systems. We place these two categories: (1) Space Station (Non-Geostationary Orbit) – Less Complex; and (2) Space Station (Non-Geostationary Orbit) – Other under the current Space Station (Non-Geostationary Orbit) fee category.

IV. NOTICE OF PROPOSED RULEMAKING

A. Methodology for Allocating FTEs

21. 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."⁶⁰ 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.⁶¹ Once we have identified the direct FTEs for each core bureau, we look within each core bureau to allocate fees to

⁵⁷ Eutelsat Reply at 2; OneWeb Reply at 4.

⁵⁸ Imposing a substantive, rather than nominal, fee will also discourage regulatory fee arbitrage. But if we find, based on experience, that the "less complex" regulatory fee category inadvertently encourages some NGSO systems to limit U.S. earth station siting to avoid regulatory fees, we will revisit this fee category.

⁵⁹ *FY 2020 Report and Order* at __, para. 89; see also Myriota Comments at 8.

⁶⁰ 47 U.S.C. § 159(d).

⁶¹ We do not include the FTEs and other expenses associated with our auctions program, which are separately funded. Regulatory fees under section 9 of the Act recover the total amount provided for in the Commission's annual salaries and expenses appropriation. 47 U.S.C. § 159(a), (b). Auctions expenses are not included in the FCC's offsetting collection of its annual appropriation.

specific fee categories. These proportional calculations allocate all Commission non-auction related costs across all fee categories. We seek comment on this methodology.

22. 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.⁶² 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.⁶³ 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.⁶⁴ 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.⁶⁵ 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).⁶⁶ 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 Appendix A. The sources for the unit estimates that are used in these calculations are listed in Appendix C.

23. 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

⁶² The phrase core bureaus was first adopted in the *FY 2012 NPRM* where the Commission explained that under (prior) section 9(b)(1)(A), the Commission was instructed to calculate the regulatory fees by determining the FTEs performing the activities enumerated in section 9(a)(1) within the Private Radio Bureau, Mass Media Bureau, and Common Carrier Bureau, and other offices of the Commission, and those bureaus had subsequently been renamed as the Wireless Telecommunications Bureau, Media Bureau, and Wireline Competition Bureau, and a new International Bureau had been formed. *FY 2012 NPRM*, 27 FCC Rcd at 8460, para. 5 & n.5. The Commission explained that "[f]or simplicity and ease of reference, in this Notice we will refer to these four bureaus as the 'core' bureaus or the 'core licensing' bureaus." *Id.*

⁶³ We note that some FTEs, both direct in the Wireline and Wireless bureaus and indirect, will be working on broadband data mapping. See note 2, *supra*. Specifically, the Committee Report provides that "[t]he Committee provides significant funding for upfront costs associated with implementation of the Broadband DATA Act. The Committee anticipates funding related to the Broadband DATA Act will decline considerably in future years and expects the FCC to repurpose a significant amount of staff currently working on economic, wireline, and wireless issues to focus on broadband mapping." House Report 116-456 at page 59. See <https://www.congress.gov/116/crpt/hrpt456/CRPT-116hrpt456.pdf>.

⁶⁴ The indirect FTEs are the non-auctions employees from the following bureaus and offices: Enforcement Bureau, Consumer and Governmental Affairs Bureau, Public Safety and Homeland Security Bureau, part of the International Bureau, part of the Wireline Competition Bureau, Chairman and Commissioners' offices, Office of the Managing Director, Office of General Counsel, Office of the Inspector General, Office of Communications Business Opportunities, Office of Engineering and Technology, Office of Legislative Affairs, Office of Workplace Diversity, Office of Media Relations, Office of Economics and Analytics, and Office of Administrative Law Judges.

⁶⁵ The Commission observed in the *FY 2013 Report and Order* that "the high percentage of the indirect FTEs is indicative of the fact that many Commission activities and costs are not limited to a particular fee category and instead benefit the Commission as a whole." See *FY 2013 Report and Order*, 28 FCC Rcd at 12357, para. 17. The new Office of Economics and Analytics consists of indirect FTEs.

⁶⁶ See *FY 2012 NPRM*, 27 FCC Rcd at 8461-62, paras. 8-11.

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 Appendices A and B.

B. Calculating Regulatory Fees for Commercial Mobile Radio Services

24. 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.

25. 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.⁶⁷

26. The Commission currently provides each CMRS provider with its estimated subscriber counts based on information included in the Numbering Resource Utilization Forecast (NRUF) Report.⁶⁸ The NRUF Report is based upon data provided by telecommunications carriers holding numbering resources, which include CMRS providers.⁶⁹ CMRS providers are responsible for certifying the accuracy of their subscriber counts and can adjust the counts to correct any inaccuracies.

27. Non-geographic numbers are not associated with any particular geographic area, as typical numbers are, such as numbers in the 202 area code.⁷⁰ They are also included in NRUF data and fall within the definition of assigned numbers.⁷¹ 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.⁷² The Commission, therefore, has not previously included these numbers in the CMRS subscriber count estimates.

28. 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, therefore counting non-geographic numbers for regulatory fee purposes would no longer be duplicative of the geographic number.⁷³ CMRS service providers have the

⁶⁷ 47 CFR § 52.15(f)(1)(iii).

⁶⁸ See *What You Owe – Commercial Wireless Services for FY 2020 Regulatory Fees*, Regulatory Fees Fact Sheet, 35 FCC Rcd 9536, 9536-37 (OMD 2020). See also *FY 2019 Report and Order* 34 FCC Rcd at 8217, para. 75.

⁶⁹ Industry Analysis Division, Office of Economics and Analytics, FCC, Numbering Resource Utilization in the United States at 1 (2020), <https://docs.fcc.gov/public/attachments/DOC-367592A1.pdf> (2020 NRUF Report). The 2020 NRUF report uses the term "mobile wireless" to refer to CMRS. See, e.g., *id.* at 3. To the extent that CMRS providers, which are telecommunications carriers, obtain numbering resources, they are reporting carriers pursuant to section 52.15(f)(2) of our rules and therefore must provide number utilization forecasts. See 47 CFR § 52.15(f)(2). Interconnected voice over Internet Protocol providers that obtain numbering resources are also required to file NRUF reports. 47 CFR § 52.15(g)(3)(iv)(B).

⁷⁰ See North American Numbering Plan Administrator, *Numbering Resources – 5YY-NXX Assignments*, https://nationalnanpa.com/number_resource_info/5XX_codes.html (last visited Apr. 7, 2021).

⁷¹ See 2020 NRUF Report at 6.

⁷² *Id.*

⁷³ 2020 NRUF Report at 6.

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 Appendix A and the CMRS regulatory fee factor, as reflected in Appendix B. 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.⁷⁴ 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 proposal.

29. 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) 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

30. 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.⁷⁵ 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.⁷⁶ 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.⁷⁷ 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.

31. 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

⁷⁴ As we have stated in each regulatory fee proceeding, e.g., *FY 2020 Report and Order*, __ FCC Rcd at __, para. 99, a carrier wishing to revise its telephone number (subscriber) count can do so by accessing Fee Filer and following 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. In the supporting documentation, the provider will need to state a reason for the change, such as a purchase or sale of a subsidiary, the date of the transaction, and any other pertinent information that will help to justify a reason for the change.

⁷⁵ MVPD is defined in section 602(13) of the Act, 47 U.S.C. § 522(13).

⁷⁶ *Assessment and Collection of Regulatory Fees for Fiscal Year 2018*, Report and Order and Order, 33 FCC Rcd 8497, 8944, para. 8.(2018) (*FY 2018 Report and Order*).

⁷⁷ *FY 2018 Report and Order*, 33 FCC Rcd at 8944-8500, para. 8.

equally include cable television, IPTV, and DBS.⁷⁸ 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.⁷⁹ At the same time, the Commission committed to updating the regulatory fee rate in future years.⁸⁰ 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.”⁸¹ 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 for FY 2021, i.e., \$0.96, per subscriber, per year, for DBS, cable television, and IPTV. We seek comment on this proposal.

D. Television Broadcaster Issues

32. Last year the Commission completed the transition to a population-based full-power broadcast television regulatory fee.⁸² 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.⁸³ The population data for broadcasters’ service areas are extracted from the TVStudy database, based on a station’s projected noise-limited service contour.⁸⁴ The population data for each licensee and the population-based fee (population multiplied by \$.008525) for each full-power broadcast television station,⁸⁵ including each satellite station, is listed in Appendix F. We seek comment on these proposed fees.

33. We also seek comment on streamlining our current methodology, for FY 2022, by refining the current television broadcaster table, in Appendix F, 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,

⁷⁸ When adopting the regulatory fee for IPTV, the Commission determined that IPTV providers should be subject to the same regulatory fees as cable providers. *FY 2013 Report and Order*, 28 FCC Rcd at 12362, para. 32.

⁷⁹ *FY 2015 Report and Order*, 30 FCC Rcd at 10277, para. 20.

⁸⁰ *FY 2015 Report and Order*, 30 FCC Rcd at 10277, para. 20.

⁸¹ *FY 2018 Report and Order*, 33 FCC Rcd at 8501, para. 11; *Assessment and Collection of Regulatory Fees for Fiscal Year 2017*, Report and Order, 32 FCC Rcd 7057, at 7067-68, paras. 22-23 (2017) (*FY 2017 Report and Order*); see also *Assessment and Collection of Regulatory Fees for Fiscal Year 2015*, Notice of Proposed Rulemaking, 30 FCC Rcd 5354, at 5369, para. 33 (2015) (*FY 2015 NPRM*) (“We also reject the argument raised by DIRECTV and DISH that section 9 of the Act requires us to ‘show that DBS and cable occupy a comparable number of FTEs.’”).

⁸² Historically, regulatory fees for full-power television stations were based on the Nielsen Designated Market Area (DMA) groupings 1-10, 11-25, 26-50, 51-100, and remaining markets (DMAs 101-210). In the *FY 2018 NPRM*, we sought comment on whether using the actual population covered by the station’s contours instead of DMAs would more accurately reflect the market served by a full-power broadcast television station for purposes of assessing regulatory fees. *Assessment and Collection of Regulatory Fees for Fiscal Year 2018*, Notice of Proposed Rulemaking, 33 FCC Rcd 5091, at 5102, para. 28 (2018) (*FY 2018 NPRM*). In the *FY 2018 Report and Order*, we adopted the new methodology. We determined that we would fully transition to the methodology by FY 2020, and in the interim, for FY 2019, we adopted a blended fee based partly on the historical DMA methodology and partly on the new population-based methodology. *FY 2018 Report and Order*, 33 FCC Rcd at 8501-8502, para.14.

⁸³ The factor of .8525 of one cent (\$.008525) was derived by taking the revenue amount required from all television fee categories and dividing it by the total population count of all “feeable” call signs.

⁸⁴ 47 CFR § 73.622(e).

⁸⁵ For those VHF stations whose power had to be increased to obtain a clearer signal, the Commission in FY 2021 will continue to use a population count based on that station’s lower VHF power level rather than at the increased power level.

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 broadcaster's 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. We seek comment on this proposal, for FY 2022.

Proposed Broadcast Television Fee Tiers for FY 2022

| 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 |

34. *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.⁸⁶ 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.⁸⁷ For those reasons, the Commission sought comment last year on adjusting the fees of such broadcasters in two discrete ways⁸⁸ and adopted such proposals in the *FY 2020 Report and Order*.⁸⁹ We seek comment on continuing those adjustments for FY 2021. We propose to account for the objectively measurable reduction in population

⁸⁶ *FY 2020 NPRM*, 34 FCC Rcd at 5003, para. 70, (citing Puerto Rico Broadcasters Comments in MD Docket No. 20-105, at 3-13).

⁸⁷ *FY 2020 NPRM*, 34 FCC Rcd at 5003, para. 69, (citing Puerto Rico Broadcasters Comments in MD Docket No. 20-105, at 10)

⁸⁸ *FY 2020 NPRM*, 34 FCC Rcd at 5003, paras. 69-70

⁸⁹ *FY 2020 Report and Order* at ___, paras. 20-21.

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 2020.⁹⁰ 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.⁹¹ We seek comment on adopting these proposals again for FY 2021.

E. NGSO Regulatory Fees

35. In the Report and Order above, we 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.

36. 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 this proposal. 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 Appendix E.

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

37. 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* 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;⁹² waiver of the same rule

⁹⁰ *Id.*

⁹¹ See United States Census, “Quick Facts, Puerto Rico,” <https://www.census.gov/quickfacts/PR> (last visited Apr. 30, 2021).

⁹² *FY 2020 Report and Order* at ____, para. 80. With this temporary waiver, parties seeking alternative or multiple requests for relief may do so in the form of one consolidated filing or may instead file separate pleadings in accordance with section 1.1166(a) of our rules.

to permit requests to be submitted electronically to the Commission, rather than in paper form;⁹³ 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.⁹⁴

38. In addition to those rule waivers, the Commission exercised its discretion to reduce the interest rate typically charged on installment payments to a nominal rate—and it also waived the down payment normally required before granting an installment payment request.⁹⁵ 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.⁹⁶

39. 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.⁹⁷

40. 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.⁹⁸ 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.”⁹⁹ Other statutory limitations include that the Commission must act on waiver requests individually,¹⁰⁰ and cannot extend the deadline we set for payment of fees beyond September 30.¹⁰¹

G. Additional Regulatory Fee Reform

41. 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

⁹³ *Id.*

⁹⁴ *Id.* at ___, para. 81.

⁹⁵ *Id.* at ___, para. 82.

⁹⁶ *Id.* at ___, para. 83.

⁹⁷ *Id.* at ___, para. 84. Under the red light rule, the Commission will not act on any application or request for relief if the requesting party has not paid a debt owed to the Commission. 47 CFR §1.1910.

⁹⁸ 47 U.S.C. § 159A(d).

⁹⁹ *FY 2019 Report and Order*, 34 FCC Rcd at 8207, para. 50.

¹⁰⁰ Section 9 of the Act does not permit the Commission to exempt any group of regulatees, other than those expressly exempted under the statute. 31 U.S.C. § 159(e). Instead the statute requires a case-by-case determination to waive regulatory fees or related charges. 31 U.S.C. § 159A(d); *FY 2020 Report and Order* at ___, para. 86.

¹⁰¹ 47 U.S.C. § 159(b). September 30 marks the end of the Commission’s fiscal year. The Commission is required to collect the full amount of its appropriation in the offsetting regulatory fee collection for any given fiscal year by the fiscal year end.

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.

V. PROCEDURAL MATTERS

42. 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.

43. *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 \$24,999.99.¹⁰² 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>.

44. *Payment Methods.* Pursuant to an Office of Management and Budget (OMB) directive,¹⁰³ the Commission is moving towards a paperless environment, extending to disbursement and collection of select federal government payments and receipts.¹⁰⁴ 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.¹⁰⁵ During the fee season for collecting regulatory fees, regulatees can pay their fees by credit card through Pay.gov, ACH, debit card,¹⁰⁶ 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>.

¹⁰² Customers who owe an amount on a bill, debt, or other obligation due to the federal government are prohibited from splitting the total amount due into multiple payments. Splitting an amount owed into several payment transactions violates the credit card network and Fiscal Service rules. An amount owed that exceeds the Fiscal Service maximum dollar amount, \$24,999.99, may not be split into two or more payment transactions in the same day by using one or multiple cards. Also, an amount owed that exceeds the Fiscal Service maximum dollar amount may not be split into two or more transactions over multiple days by using one or more cards.

¹⁰³ Office of Management and Budget (OMB) Memorandum M-10-06, Open Government Directive, Dec. 8, 2009; see also <http://www.whitehouse.gov/the-press-office/2011/06/13/executive-order-13576-delivering-efficient-effective-and-accountable-gov>.

¹⁰⁴ See U.S. Department of the Treasury, Open Government Plan 2.1, Sept. 2012.

¹⁰⁵ *FY 2015 Report and Order*, 30 FCC Rcd at 10282-83, para. 35; 47 CFR § 1.1158.

¹⁰⁶ In accordance with U.S. Treasury Financial Manual Announcement No. A-2012-02, the maximum dollar-value limit for debit card transactions is eliminated. Only Visa and MasterCard branded debit cards are accepted by Pay.gov.

45. *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.¹⁰⁷ 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.

46. *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.¹⁰⁸ 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.¹⁰⁹ 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.”¹¹⁰ 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, 2020.¹¹¹ Regulatory fees also must be paid for CARS

¹⁰⁷ *FY 2019 Report and Order*, 34 FCC Rcd at 8206-8207, paras. 46-48; 47 U.S.C. § 159(e)(2).

¹⁰⁸ Audio bridging services are toll teleconferencing services.

¹⁰⁹ 47 CFR § 52.103.

¹¹⁰ These multiyear licenses are for PLMRS (exclusive), PLMRS (shared), Microwave, Marine (ship), Aviation (aircraft), Marine (coast), and Aviation (ground).

¹¹¹ Cable television system operators should compute their number of basic subscribers as follows: Number of single family dwellings + number of individual households in multiple dwelling unit (apartments, condominiums, mobile home parks, etc.) paying at the basic subscriber rate + bulk rate customers + courtesy and free service. Note: Bulk-
(continued....)

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.¹¹² 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.

47. *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”).¹¹³ We have included non-geographic numbers in the calculation of the number of subscribers for each CMRS provider in Appendix A and the CMRS regulatory fee factor proposed in Appendix B. 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).

48. 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.¹¹⁴ 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

Rate Customers = Total annual bulk-rate charge divided by basic annual subscription rate for individual households. Operators may base their count on “a typical day in the last full week” of December 2020, rather than on a count as of December 31, 2020.

¹¹² We encourage terrestrial and satellite service providers to seek guidance from the International Bureau’s Telecommunications and Analysis Division to verify their particular IBC reporting processes to ensure that their calculation methods comply with our rules.

¹¹³ See *Assessment and Collection of Regulatory Fees for Fiscal Year 2005*, Report and Order and Order on Reconsideration, 20 FCC Rcd 12259, 12264, paras. 38-44 (2005) (*FY 2005 Report and Order*).

¹¹⁴ In the supporting documentation, the provider will need to state a reason for the change, such as a purchase or sale of a subsidiary, the date of the transaction, and any other pertinent information that will help to justify a reason for the change.

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.

49. 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.

50. *Initial Regulatory Flexibility Analysis.* An initial regulatory flexibility analysis (IRFA) is contained in Appendix I. 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.

51. *Final Regulatory Flexibility Analysis.* As required by the Regulatory Flexibility Act of 1980 (RFA)¹¹⁵ the Commission has prepared a Final Regulatory Flexibility Analysis (FRFA) relating to this Report and Order. The FRFA is contained in Appendix H.

52. *Initial Paperwork Reductions 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).

53. *Congressional Review Act.* The Commission has determined, and the Administrator of the Office of Information and Regulatory Affairs, Office of Management and Budget, concurs that these rules are non-major under the Congressional Review Act, 5 U.S.C. § 804(2). The Commission will send a copy of this Report and Order and Notice of Proposed Rulemaking to Congress and the Government Accountability Office pursuant to 5 U.S.C. § 801(a)(1)(A).

54. *Comment Filing Instructions.* Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.419, interested parties may file comments on or before the dates indicated on the first page of this document in MD Docket No. 21-190. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS).¹¹⁶

- Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS: <http://apps.fcc.gov/ecfs/>.
- Paper Filers: Parties who choose to file by paper must file an original and one copy of each filing. If more than one docket or rulemaking number appears in the caption of this proceeding, filers must submit two additional copies for each additional docket or rulemaking number.

¹¹⁵ *See* 5 U.S.C. § 603. The RFA, *see* 5 U.S.C. §§ 601-612, has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 847 (1996). The SBREFA was enacted as Title II of the Contract with America Advancement Act of 1996 (CWAAA).

¹¹⁶ *Electronic Filing of Documents in Rulemaking Proceedings*, 63 Fed. Reg. 24121 (1998).

- Filings can be sent by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission’s Secretary, Office of the Secretary, Federal Communications Commission.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.
- U.S. Postal Service first-class, Express, and Priority mail must be addressed to 45 L Street, NE, Washington, D.C. 20554.
- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. See *FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, 35 FCC Rcd 2788 (OMD 2020), <https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy>.

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

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

57. *Ex Parte Information.* This proceeding shall be treated as a “permit-but-disclose” proceeding in accordance with the Commission’s *ex parte* rules.¹¹⁷ 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.

VI. ORDERING CLAUSES

58. 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,

¹¹⁷ 47 CFR §§ 1.1200 *et seq.*

159A, and 303(r), this Report and Order and Notice of Proposed Rulemaking **IS HEREBY ADOPTED**.

59. **IT IS FURTHER ORDERED** that the Report and Order **SHALL BE EFFECTIVE** 30 days after publication in the Federal Register.

60. **IT IS FURTHER ORDERED** that the Commission's Consumer and Governmental Affairs Bureau, Reference Information Center, **SHALL SEND** a copy of this Report and Order and Notice of Proposed Rulemaking, including the Final Regulatory Flexibility Analysis in Appendix H, to Congress and the Government Accountability Office pursuant to 5 U.S.C. § 801(a)(1)(A).

FEDERAL COMMUNICATIONS COMMISSION

Marlene H. Dortch
Secretary

APPENDIX A

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 Require- ment | 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 ¹ | 63 | 1 | 296,100 | 319,125 | 4,706 | 4,700 | 296,100 |
| AM Class B ¹ | 1,456 | 1 | 3,681,450 | 3,959,298 | 2,523 | 2,525 | 3,681,450 |
| AM Class C ¹ | 825 | 1 | 1,310,400 | 1,417,458 | 1,608 | 1,600 | 1,310,400 |
| AM Class D ¹ | 1,397 | 1 | 4,356,100 | 4,683,387 | 3,172 | 3,175 | 4,356,100 |
| FM Classes A, B1 & C3 ¹ | 3,059 | 1 | 9,141,975 | 9,855,412 | 3,080 | 3,075 | 9,141,975 |
| FM Classes B, C, C0, C1 & C2 ¹ | 3,118 | 1 | 11,246,950 | 12,072,952 | 3,565 | 3,575 | 11,246,950 |
| AM Construction Permits ² | 6 | 1 | 3,960 | 3,960 | 660 | 660 | 3,960 |
| FM Construction Permits ² | 55 | 1 | 63,250 | 63,250 | 1,150 | 1,150 | 63,250 |
| Digital Television ⁵ (including Satellite TV) | 3.262 billion population | 1 | 25,473,855 | 27,805,580 | .0085252 | .008525 | 27,805,580 |

| Fee Category | FY 2021 Payment Units | Yrs | FY 2020 Revenue Estimate | Pro-Rated FY 2021 Revenue Require- ment | Computed FY 2021 Regulatory Fee | Rounded FY 2021 Reg. Fee | Expected FY 2021 Revenue |
|--|--------------------------|-----|--------------------------------|---|--|--------------------------------|--------------------------------|
| Digital TV Construction Permits ² | 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/ ³ | 1,250 | 1 | 716,800 | 743,750 | 595 | 595 | 743,750 |
| LMDS | 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) ⁴ | 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 |
| 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 Appendix A

¹ 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 stations are listed on a grid located at the end of Appendix B.

² 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.

³ 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).

⁴ The chart at the end of Appendix B 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 Appendix A is a weighted average of the various fee payers in the chart at the end of Appendix B.

⁵ The actual digital television regulatory fees to be paid by call sign are identified in Appendix F.

APPENDIX B

FY 2021 Schedule of Regulatory Fees

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

| Fee Category | Annual Regulatory Fee (U.S. \$s) |
|---|--|
| PLMRS (per license) (Exclusive Use) (47 CFR part 90) | 25 |
| Microwave (per license) (47 CFR part 101) | 25 |
| Marine (Ship) (per station) (47 CFR part 80) | 15 |
| Marine (Coast) (per license) (47 CFR part 80) | 40 |
| Rural Radio (47 CFR part 22) (previously listed under the Land Mobile category) | 10 |
| PLMRS (Shared Use) (per license) (47 CFR part 90) | 10 |
| Aviation (Aircraft) (per station) (47 CFR part 87) | 10 |
| Aviation (Ground) (per license) (47 CFR part 87) | 20 |
| CMRS Mobile/Cellular Services (per unit) (47 CFR parts 20, 22, 24, 27, 80 and 90) (Includes Non-Geographic telephone numbers) | .15 |
| CMRS Messaging Services (per unit) (47 CFR parts 20, 22, 24 and 90) | .08 |
| Broadband Radio Service (formerly MMDS/ MDS) (per license) (47 CFR part 27) | 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 See Appendix F for fee amounts due, also available at https://www.fcc.gov/licensing-databases/fees/regulatory-fees |
| Digital TV Construction Permits | 5,150 |
| Low Power TV, Class A TV, TV/FM Translators & Boosters (47 CFR | 350 |

| Fee Category | Annual Regulatory Fee (U.S. \$s) |
|--|--|
| part 74) | |
| 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 |

| 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 |
| 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 | FY 2021 Regulatory Fees |
|---|------------------|--------------------------------|
| Less than 50 Gbps | .0625 Units | \$9,350 |
| 50 Gbps or greater, but less than 250 Gbps | .125 Units | \$18,675 |
| 250 Gbps or greater, but less than 1,500 Gbps | .25 Units | \$37,350 |
| 1,500 Gbps or greater, but less than 3,500 Gbps | .5 Units | \$74,675 |
| 3,500 Gbps or greater, but less than 6,500 Gbps | 1.0 Unit | \$149,325 |
| 6,500 Gbps or greater | 2.0 Units | \$298,650 |

APPENDIX C

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 | Based on WTB reports and actual FY 2020 payment units. |

| | |
|---|---|
| MDS/MMDS)LMDS | Based on WTB reports and actual FY 2020 payment units. |
| Cable Television Relay Service (CARS) Stations | Based on data from Media Bureau's COALS database and actual FY 2020 payment units. |
| Cable Television System Subscribers, Including IPTV Subscribers | Based on publicly available data sources for estimated subscriber counts and actual FY 2020 payment units. |
| Interstate Telecommunication Service Providers | Based on FCC Form 499-Q data for the four quarters of calendar year 2020, the Wireline Competition Bureau projected the amount of calendar year 2020 revenue that will be reported on the 2021 FCC Form 499-A worksheets due in April 2021. |
| Earth Stations | Based on International Bureau licensing data and actual FY 2020 payment units. |
| Space Stations (GSOs & NGSOs) | Based on International Bureau data reports and actual FY 2020 payment units. |
| International Bearer Circuits | Based on International Bureau reports and submissions by licensees, adjusted as necessary, and actual FY 2020 payment units. |
| Submarine Cable Licenses | Based on International Bureau license information, and actual FY 2020 payment units. |

APPENDIX D**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.

APPENDIX E

Satellite Charts for FY 2021 Regulatory Fees

U.S.-Licensed Space Stations

| <u>LICENSEE</u> | <u>CALL SIGN</u> | <u>SATELLITE NAME</u> | <u>TYPE</u> |
|--|------------------|-----------------------|-------------|
| 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 | EHOSTAR 18 | GSO |
| DISH Operating L.L.C. | S2738 | EHOSTAR 11 | GSO |
| DISH Operating L.L.C. | S2694 | EHOSTAR 10 | GSO |
| DISH Operating L.L.C. | S2740 | EHOSTAR 7 | GSO |
| DISH Operating L.L.C. | S2790 | EHOSTAR 14 | GSO |
| EchoStar Satellite Operating Corporation | S2811 | EHOSTAR 15 | GSO |
| EchoStar Satellite Operating Corporation | S2844 | EHOSTAR 16 | GSO |
| EchoStar Satellite Operating Corporation | S2653 | EHOSTAR 12 | GSO |
| EchoStar Satellite Services L.L.C. | S2179 | EHOSTAR 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 | EHOSTAR 19 | GSO |
| Hughes Network Systems, LLC | S2753 | EHOSTAR XVII | GSO |
| Intelsat License LLC/ViaSat, Inc. | S2160 | GALAXY 28 | GSO |
| Intelsat License LLC, Debtor-in-Possession | S2414 | INTELSAT 10-02 | GSO |
| Intelsat License LLC, Debtor-in-Possession | S2972 | INTELSAT 37e | GSO |
| Intelsat License LLC, Debtor-in-Possession | S2854 | NSS-7 | GSO |
| Intelsat License LLC, Debtor-in-Possession | S2409 | 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

| <u>LICENSEE</u> | <u>CALL SIGN</u> | <u>SATELLITE COMMON NAME</u> | <u>SATELLITE TYPE</u> |
|--|------------------|------------------------------|-----------------------|
| 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 |
| Hisparmar Satélites, S.A. | S2793 | AMAZONAS-2 | GSO |
| Hisparmar Satélites, S.A. | S2886 | AMAZONAS-3 | GSO |
| Hispasat, S.A. | S2969 | HISPASAT 30W-6 | GSO |
| Inmarsat PLC | S2932 | Inmarsat-4 F3 | GSO |
| Inmarsat PLC | S2949 | Inmarsat-3 F5 | GSO |
| Inmarsat Mobile Networks, Inc. | E150028 | Inmarsat 5F3 | GSO |

| | | | |
|--|-------------|---------------------|-----|
| Intelsat License LLC | S2592/S2868 | Galaxy 23 | GSO |
| Intelsat License LLC | S3058 | HISPASAT 143W-1 | GSO |
| New Skies Satellites B.V. | S2756 | NSS-9 | GSO |
| New Skies Satellites B.V. | S2870 | SES-6 | GSO |
| New Skies Satellites B.V. | S3048 | NSS-6 | GSO |
| New Skies Satellites B.V. | S2828 | SES-4 | GSO |
| New Skies Satellites B.V. | S2950 | SES-10 | GSO |
| Satelites Mexicanos, S.A. de C.V. | S2695 | EUTELSAT 113 WEST A | GSO |
| Satelites Mexicanos, S.A. de C.V. | S2926 | EUTELSAT 117 WEST B | GSO |
| Satelites Mexicanos, S.A. de C.V. | S2938 | EUTELSAT 115 WEST B | GSO |
| Satelites Mexicanos, S.A. de C.V. | S2873 | EUTELSAT 117 WEST A | GSO |
| SES Satellites (Gibraltar) Ltd. | S2676 | AMC 21 | GSO |
| SES Americom, Inc. | S3037 | NSS-11 | GSO |
| SES Americom, Inc. | S2964 | SES-11 | GSO |
| SES DTH do Brasil Ltda | S2974 | SES-14 | GSO |
| SES Satellites (Gibraltar) Ltd. | S2951 | SES-15 | GSO |
| Embratel Tvsat Telecommunicacoes S.A. | S2677 | STAR ONE C1 | GSO |
| Embratel Tvsat Telecommunicacoes S.A. | S2678 | STAR ONE C2 | GSO |
| Embratel Tvsat Telecommunicacoes 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

| <u>ITU Name (if available)</u> | <u>Common Name</u> | <u>Call Sign</u> | <u>GSO/NGSO</u> |
|--------------------------------|--------------------|------------------|-----------------|
| APSTAR VI | APSTAR 6 | M292090 | GSO |
| AUSSAT B 152E | OPTUS D2 | M221170 | GSO |
| CAN-BSS3 and CAN-BSS | EHOSTAR 23 | SM1987 | GSO |
| Ciel Satellite Group | Ciel-2 | E050029 | GSO |
| EHOSTAR 23 | EHOSTAR 23 | SM2975 | GSO |
| EHOSTAR 8 (MEX) | EHOSTAR 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)

U.S.-Licensed NGSO Systems

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

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

| <u>ITU Name (if available)</u> | <u>Common Name</u> | <u>Call Sign</u> | <u>NGSO</u> |
|--------------------------------|--------------------|------------------|-------------|
| 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

| <u>ITU Name (if available)</u> | <u>Common Name</u> | <u>Call Sign</u> | <u>NGSO</u> |
|--------------------------------|--------------------|------------------|--------------|
| EXACTVIEW-1 | EXACTVIEW-1 | SM2989 | Less Complex |

NGSO Systems that Are Partly U.S.-Licensed and Partly Non-U.S.-Licensed with Market Access Through Petition for Declaratory Ruling

| <u>ITU Name (if available)</u> | <u>Common Name</u> | <u>Call Sign</u> | <u>NGSO</u> |
|--------------------------------|--------------------|------------------|-------------|
|--------------------------------|--------------------|------------------|-------------|

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

APPENDIX F

FY 2021 Full-Service Broadcast Television Stations by Call Sign

| Facility Id. | Call Sign | Service Area | Terrain Limited | Terrain Limited |
|--------------|-----------|--------------|-----------------|-----------------|
| | | Population | Population | Fee Amount |
| 3246 | KAAH-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 | KAEF-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 | KAIH-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | KBTB-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 12729 | KFFX-TV | 409,952 | 403,692 | \$3,441 |
| 83992 | KFJX | 515,708 | 505,647 | \$4,311 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | KGPX-TV | 685,626 | 624,955 | \$5,328 |
| 25511 | KGTF | 161,885 | 160,568 | \$1,369 |
| 40876 | KGTV | 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | KKTV | 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | 227,658 | \$1,941 |
| 47906 | KNBC | 17,859,647 | 16,555,232 | \$141,133 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | 25,957 | 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | KSNG | 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | KTCI-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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | KTUU-TV | 380,240 | 379,047 | \$3,231 |
| 77480 | KTUZ-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 69396 | KUED | 2,388,995 | 2,203,093 | \$18,781 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 | KWTV-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WPX-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 |
| 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 | WCBD-TV | 1,149,489 | 1,149,489 | \$9,799 |
| 12477 | WCBI-TV | 680,511 | 678,424 | \$5,784 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WCVE-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WGGG-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WGWW | 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WHSG-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WKOI-TV | 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 | WKRK-TV | 1,526,600 | 1,526,075 | \$13,010 |
| 73188 | WKRK-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WLFG | 1,614,321 | 1,282,063 | \$10,930 |
| 73204 | WLFI-TV | 2,243,009 | 2,221,313 | \$18,937 |
| 73205 | WLFL | 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 | WLNY-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 73230 | WLTV-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 | WLVT-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 | WMCF-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
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| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WTVA | 823,492 | 810,123 | \$6,906 |
| 22590 | WTVC | 1,579,628 | 1,366,976 | \$11,653 |
| 8617 | WTVD | 3,790,354 | 3,775,757 | \$32,188 |
| 55305 | WTVE | 5,156,905 | 5,152,997 | \$43,929 |
| 36504 | WTVF | 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 |
| 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 | WTVR | 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
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| 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 | WTFX-TV | 10,784,256 | 10,492,549 | \$89,449 |
| 41065 | WTFX-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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 | WVII-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 |

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|---------------------|------------------|---------------------|------------------------|------------------------|
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| 74169 | WVNS-TV | 911,630 | 606,820 | \$5,173 |
| 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 | WWAY | 1,208,625 | 1,208,625 | \$10,304 |
| 30833 | WWBT | 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 |

| | | Service Area | Terrain Limited | Terrain Limited |
|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |

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|---------------------|------------------|---------------------|------------------------|------------------------|
| Facility Id. | Call Sign | Population | Population | Fee Amount |
| 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 |
| 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 |

¹ Call signs WIPM and WIPR are stations in Puerto Rico that are linked together with a total fee of \$26,425.

² Call signs WNJX and WAPA are stations in Puerto Rico that are linked together with a total fee of \$26,425.

³ Call signs WKAQ and WORA are stations in Puerto Rico that are linked together with a total fee of \$26,425.

⁴ Call signs WOLE and WLII are stations in Puerto Rico that are linked together with a total fee of \$26,425.

⁵ Call signs WVEO and WTCV are stations in Puerto Rico that are linked together with a total fee of

\$26,425.

⁶ Call signs WJPX and WJWN are stations in Puerto Rico that are linked together with a total fee of \$26,425.

⁷ Call signs WAPA and WTIN are stations in Puerto Rico that are linked together with a total fee of \$26,425.

⁸ Call signs WSUR and WLII are stations in Puerto Rico that are linked together with a total fee of \$26,425.

⁹ Call signs WVOZ and WTCV are stations in Puerto Rico that are linked together with a total fee of \$26,425.

¹⁰ Call signs WJPX and WKPV are stations in Puerto Rico that are linked together with a total fee of \$26,425.

¹¹ Call signs WMTJ and WQTO are stations in Puerto Rico that are linked together with a total fee of \$26,425.

¹² Call signs WIRS and WJPX are stations in Puerto Rico that are linked together with a total fee of \$26,425.

¹³ Call signs WRFB and WORA are stations in Puerto Rico that are linked together with a total fee of \$26,425.

APPENDIX G

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 See Appendix. G for fee amounts due, also available at https://www.fcc.gov/licensing-databases/fees/regulatory-fees |
| Digital TV Construction Permits | 4,950 |
| Low Power TV, Class A TV, TV/FM Translators & Boosters (47 CFR | 315 |

| Fee Category | Annual Regulatory Fee (U.S. \$s) |
|--|--|
| part 74) | |
| 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 |

| 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 | FY 2020 Regulatory Fees |
|---|------------------|--------------------------------|
| Less than 50 Gbps | .0625 Units | \$13,450 |
| 50 Gbps or greater, but less than 250 Gbps | .125 Units | \$26,875 |
| 250 Gbps or greater, but less than 1,500 Gbps | .25 Units | \$53,750 |
| 1,500 Gbps or greater, but less than 3,500 Gbps | .5 Units | \$107,500 |
| 3,500 Gbps or greater, but less than 6,500 Gbps | 1.0 Unit | \$215,000 |
| 6,500 Gbps or greater | 2.0 Units | \$430,000 |

APPENDIX H

Final Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA),¹ an Initial Regulatory Flexibility Analysis (IRFA) was included in the *Further Notice of Proposed Rulemaking (FNPRM)* attached to the regulatory fee Report and Order for fiscal year 2020.² The Commission sought written public comment on these proposals including comment on the IRFA. This Final Regulatory Flexibility Analysis (FRFA) conforms to the IRFA.³

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

2. In the Report and Order, the Commission adopts a modified version of a proposal to the *FNPRM* on creating a new regulatory fee category for “less complex” non-geostationary orbit (NGSO) satellite systems. The Commission defines “less complex” NGSO satellite systems as those NGSO systems that plan to communicate with 20 or fewer earth stations in the United States primarily used for Earth Exploration Satellite Service (EESS) and/or Automatic Identification System (AIS).

3. Under section 9 of the Communications Act of 1934, as amended, (Communications Act or Act),⁴ regulatory fees are mandated by Congress and collected to recover the regulatory costs associated with the Commission’s enforcement, policy and rulemaking, user information, and international activities in an amount that can be reasonably expected to equal the amount of the Commission’s annual appropriation.⁵ The objective in the Report and Order for adopting the new regulatory fee category is to have a new category (and lower fee) for the smaller NGSO systems instead of grouping them with the larger NGSO systems.

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

4. None.

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

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

D. Description and Estimate of the Number of Small Entities to Which the Rules Will Apply

6. The RFA directs agencies to provide a description of, and where feasible, an estimate of the number of small entities that may be affected by the proposed rules and policies, if adopted.⁶ The RFA generally defines the term “small entity” as having the same meaning as the terms “small business,” “small organization,” and “small governmental jurisdiction.”⁷ In addition, the term “small business” has

¹ 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612 has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 847 (1996).

² *Assessment and Collection of Regulatory Fees for Fiscal Year 2020*, Report and Order and Further Notice of Proposed Rulemaking, 85 FR 59864, September 23, 2020.

³ 5 U.S.C. § 604.

⁴ 47 U.S.C. § 159.

⁵ 47 U.S.C. § 159(a).

⁶ 5 U.S.C. § 603(b)(3).

⁷ 5 U.S.C. § 601(6).

the same meaning as the term “small business concern” under the Small Business Act.⁸ A “small business concern” is one which: (1) is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the SBA.⁹ Nationwide, there are a total of approximately 27.9 million small businesses, according to the SBA.¹⁰

7. *Other Toll Carriers.* Neither the Commission nor the SBA has developed a definition for small businesses specifically applicable to Other Toll Carriers. This category includes toll carriers that do not fall within the categories of interexchange carriers, operator service providers, prepaid calling card providers, satellite service carriers, or toll resellers. The closest applicable NAICS code category is for Wired Telecommunications Carriers as defined in paragraph 6 of this FRFA. Under the applicable SBA size standard, such a business is small if it has 1,500 or fewer employees.¹¹ Census data for 2012 shows that there were 3,117 firms that operated that year. Of this total, 3,083 operated with fewer than 1,000 employees.¹² Thus, under this category and the associated small business size standard, most Other Toll Carriers can be considered small. According to internally developed Commission data, 284 companies reported that their primary telecommunications service activity was the provision of other toll carriage.¹³ Of these, an estimated 279 have 1,500 or fewer employees.¹⁴ Consequently, the Commission estimates that most Other Toll Carriers are small entities.

8. *All Other Telecommunications.* “All Other Telecommunications” is defined as follows: This U.S. industry is comprised of establishments that are 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.¹⁵ The SBA has developed a small business size standard for “All Other Telecommunications,” which consists of all such firms with gross annual receipts of \$35 million or less.¹⁶ For this category, census data for 2012 show that there were 1,442 firms that operated for the entire year. Of these firms, a total of 1,400 had gross annual receipts of less than \$25 million.¹⁷ Thus, most “All Other Telecommunications” firms potentially affected by the rules adopted can be considered small.

E. Description of Projected Reporting, Recordkeeping and Other Compliance

⁸ 5 U.S.C. § 601(3) (incorporating by reference the definition of “small-business concern” in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies “unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register.”

⁹ 15 U.S.C. § 632.

¹⁰ See SBA, Office of Advocacy, “Frequently Asked Questions,” https://www.sba.gov/sites/default/files/advocacy/SB-FAQ-2016_WEB.pdf.

¹¹ 13 CFR § 121.201, NAICS code 517110.

¹² http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN_2012_US_51SSSZ5&prodType=table.

¹³ *Trends in Telephone Service* at tbl. 5.3.

¹⁴ *Id.*

¹⁵ <http://www.census.gov/cgi-bin/sssd/naics/naicsrch>.

¹⁶ 13 CFR § 121.201; NAICS code 517919.

¹⁷ http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN_2012_US_51SSSZ4&prodType=table.

Requirements

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

F. Steps Taken to Minimize Significant Economic Impact on Small Entities and Significant Alternatives Considered

10. 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.¹⁸

11. In the *FNPRM*, the Commission sought comment on whether it should adopt a new fee category for certain types of NGSO systems, and in the Report and Order the Commission adopted a new category for a type of smaller “less complex” NGSO system that would have a lower regulatory fee than the other NGSO systems. The Commission reviewed and evaluated the regulatory work done for all NGSO systems and found that those systems planning to use 20 or fewer earth stations have generally limited scope of authorization, i.e., Earth Exploration Satellite Service (EESS) and/or Automatic Identification System (AIS) only, require significantly less Commission oversight than the regulatory work involved with other NGSO systems. For that reason, the Commission adopted a new regulatory fee category for these smaller NGSO systems.

12. In keeping with the requirements of the Regulatory Flexibility Act, we have considered certain alternative means of mitigating the effects of fee increases. This new fee category adopted for “less complex” NGSO systems will have a lower regulatory fee than that for the other NGSO systems, because these systems are much smaller than traditional NGSO systems.

¹⁸ 5 U.S.C. § 603(c)(1)–(c)(4).

APPENDIX I

Initial Regulatory Flexibility Analysis

1. As required by the Regulatory Flexibility Act of 1980, as amended (RFA),¹ 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).² In addition, the *Notice* and IRFA (or summaries thereof) will be published in the Federal Register.³

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).⁴ 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 Appendices A and B.

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.”⁵ 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 Appendices B and C. 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 Appendices B and C to 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.

6. **Legal Basis.** This action, including publication of proposed rules, is authorized under

¹ 5 U.S.C. § 603. The RFA, 5 U.S.C. §§ 601-612 has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA), Pub. L. No. 104-121, Title II, 110 Stat. 847 (1996).

² 5 U.S.C. § 603(a).

³ *Id.*

⁴ 47 U.S.C. § 159.

⁵ 47 U.S.C. § 159(a).

sections (4)(i) and (j), 159, and 303(r) of the Communications Act of 1934, as amended.⁶

7. **Description and Estimate of the Number of Small Entities to Which the Proposed Rules Will Apply.** 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.⁷ The RFA generally defines the term “small entity” as having the same meaning as the terms “small business,” “small organization,” and “small governmental jurisdiction.”⁸ In addition, the term “small business” has the same meaning as the term “small business concern” under the Small Business Act.⁹ 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.¹⁰

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.¹¹ 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.¹² These types of small businesses represent 99.9% of all businesses in the United States which translates to 28.8 million businesses.¹³

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.”¹⁴ 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).¹⁵

10. Finally, the small entity described as a “small governmental jurisdiction” is defined

⁶ 47 U.S.C. §§ 154(i) and (j), 159, and 303(r).

⁷ 5 U.S.C. § 603(b)(3).

⁸ 5 U.S.C. § 601(6).

⁹ 5 U.S.C. § 601(3) (incorporating by reference the definition of “small-business concern” in the Small Business Act, 15 U.S.C. § 632). Pursuant to 5 U.S.C. § 601(3), the statutory definition of a small business applies “unless an agency, after consultation with the Office of Advocacy of the Small Business Administration and after opportunity for public comment, establishes one or more definitions of such term which are appropriate to the activities of the agency and publishes such definition(s) in the Federal Register.”

¹⁰ 15 U.S.C. § 632.

¹¹ See 5 U.S.C. § 601(3)-(6).

¹² See SBA, Office of Advocacy, “Frequently Asked Questions, Question 1 – What is a small business?” https://www.sba.gov/sites/default/files/advocacy/SB-FAQ-2016_WEB.pdf (June 2016).

¹³ See SBA, Office of Advocacy, “Frequently Asked Questions, Question 2- How many small businesses are there in the U.S.?” https://www.sba.gov/sites/default/files/advocacy/SB-FAQ-2016_WEB.pdf (June 2016).

¹⁴ 5 U.S.C. § 601(4).

¹⁵ Data from the Urban Institute, National Center for Charitable Statistics (NCCS) reporting on nonprofit organizations registered with the IRS was used to estimate the number of small organizations. Reports generated using the NCCS online database indicated that as of August 2016 there were 356,494 registered nonprofits with total revenues of less than \$100,000. Of this number, 326,897 entities filed tax returns with 65,113 registered nonprofits reporting total revenues of \$50,000 or less on the IRS Form 990-N for Small Exempt Organizations and 261,784 nonprofits reporting total revenues of \$100,000 or less on some other version of the IRS Form 990 within 24 months of the August 2016 data release date. See <http://nccs.urban.org/sites/all/nccs-archive/html/tablewiz/tw.php> where the report showing this data can be generated by selecting the following data fields: Report: “The Number and Finances of All Registered 501(c) Nonprofits”; Show: “Registered Nonprofits”; By: “Total Revenue Level (years 1995, Aug to 2016, Aug)”; and For: “2016, Aug” then selecting “Show Results.”

generally as “governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than fifty thousand.”¹⁶ U.S. Census Bureau data from the 2012 Census of Governments¹⁷ indicate that there were 90,056 local governmental jurisdictions consisting of general purpose governments and special purpose governments in the United States.¹⁸ Of this number there were 37,132 General purpose governments (county¹⁹, municipal and town or township²⁰) with populations of less than 50,000 and 12,184 Special purpose governments (independent school districts²¹ and special districts²²) 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 50,000.²³ Based on this data we estimate that at least 49,316 local government jurisdictions fall in the category of “small governmental jurisdictions.”²⁴ Governmental entities are, however, exempt from application fees.²⁵

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

¹⁶ 5 U.S.C. § 601(5).

¹⁷ See 13 U.S.C. § 161. The Census of Government is conducted every five (5) years compiling data for years ending with “2” and “7”. See also Program Description Census of Government <https://factfinder.census.gov/faces/affhelp/jsf/pages/metadata.xhtml?lang=en&type=program&id=program.en.COG#>

¹⁸ See U.S. Census Bureau, 2012 Census of Governments, Local Governments by Type and State: 2012 - United States-States, <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG02.US01>. Local governmental jurisdictions are classified in two categories - General purpose governments (county, municipal and town or township) and Special purpose governments (special districts and independent school districts).

¹⁹ See U.S. Census Bureau, 2012 Census of Governments, County Governments by Population-Size Group and State: 2012 - United States-States. <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG06.US01>. There were 2,114 county governments with populations less than 50,000.

²⁰ See U.S. Census Bureau, 2012 Census of Governments, Subcounty General-Purpose Governments by Population-Size Group and State: 2012 - United States – States. <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG07.US01>. There were 18,811 municipal and 16,207 town and township governments with populations less than 50,000.

²¹ See U.S. Census Bureau, 2012 Census of Governments, Elementary and Secondary School Systems by Enrollment-Size Group and State: 2012 - United States-States. <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG11.US01>. There were 12,184 independent school districts with enrollment populations less than 50,000.

²² See U.S. Census Bureau, 2012 Census of Governments, Special District Governments by Function and State: 2012 - United States-States. <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG09.US01>. [The U.S. Census Bureau data did not provide a population breakout for special district governments.](#)

²³ See U.S. Census Bureau, 2012 Census of Governments, County Governments by Population-Size Group and State: 2012 - United States-States - <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG06.US01>; Subcounty General-Purpose Governments by Population-Size Group and State: 2012 - United States–States - <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG07.US01>; and Elementary and Secondary School Systems by Enrollment-Size Group and State: 2012 - United States-States. <https://factfinder.census.gov/bkmk/table/1.0/en/COG/2012/ORG11.US01>.

[While U.S. Census Bureau data did not provide a population breakout for special district governments, if the population of less than 50,000 for this category of local government is consistent with the other types of local governments the majority of the 38,266 special district governments have populations of less than 50,000.](#)

²⁴ *Id.*

²⁵ 47 U.S.C. § 158(d)(1)(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.²⁶ 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.²⁷ U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year.²⁸ Of this total, 3,083 operated with fewer than 1,000 employees.²⁹ 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.³⁰ Under the applicable SBA size standard, such a business is small if it has 1,500 or fewer employees.³¹ U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated for the entire year.³² Of that total, 3,083 operated with fewer than 1,000 employees.³³ 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.³⁴ Under the applicable SBA size standard, such a business is small if it has 1,500 or fewer employees.³⁵ U.S. Census Bureau data for 2012 indicate that

²⁶ See 13 CFR § 120.201. The Wired Telecommunications Carrier category formerly used the NAICS code of 517110. As of 2017 the U.S. Census Bureau definition shows the NAICS code as 517311 for Wired Telecommunications Carriers. See U.S. Census Bureau, *2017 NAICS Definition*, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517311&search=2017>.

²⁷ See 13 CFR § 120.201, NAICS Code 517311 (previously 517110).

²⁸ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* (517110 Wired Telecommunications Carriers). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517110.

²⁹ *Id.*

³⁰ See 13 CFR § 121.201. The Wired Telecommunications Carrier category formerly used the NAICS code of 517110. As of 2017 the U.S. Census Bureau definition shows the NAICS code as 517311 for Wired Telecommunications Carriers. See <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517311&search=2017>.

³¹ *Id.*

³² See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* (517110 Wired Telecommunications Carriers). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517110.

³³ *Id.*

³⁴ See 13 CFR § 121.201. The Wired Telecommunications Carrier category formerly used the NAICS code of 517110. As of 2017 the U.S. Census Bureau definition shows the NAICS code as 517311 for Wired Telecommunications Carriers. See <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517311&search=2017>.

³⁵ *Id.*

3,117 firms operated the entire year.³⁶ Of this total, 3,083 operated with fewer than 1,000 employees.³⁷ 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.³⁸ Of this total, an estimated 1,006 have 1,500 or fewer employees.³⁹ 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.⁴⁰ U.S. Census Bureau data for 2012 indicate that 3,117 firms operated during that year.⁴¹ Of that number, 3,083 operated with fewer than 1,000 employees.⁴² 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.⁴³ Of these 1,442 carriers, an estimated 1,256 have 1,500 or fewer employees.⁴⁴ 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.⁴⁵ Also, 72 carriers have reported that they are Other Local Service Providers.⁴⁶ Of this total, 70 have 1,500 or fewer employees.⁴⁷ 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

³⁶ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* (517110 Wired Telecommunications Carriers). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5/naics~517110.

³⁷ *Id.*

³⁸ See *Trends in Telephone Service*, Federal Communications Commission, Wireline Competition Bureau, Industry Analysis and Technology Division at Table 5.3 (Sept. 2010) (*Trends in Telephone Service*).

³⁹ *Id.*

⁴⁰ See 13 CFR § 121.201. The Wired Telecommunications Carrier category formerly used the NAICS code of 517110. As of 2017 the U.S. Census Bureau definition shows the NAICS code as 517311 for Wired Telecommunications Carriers. See <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517311&search=2017>.

⁴¹ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* (517110 Wired Telecommunications Carriers). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5/naics~517110.s

⁴² *Id.*

⁴³ See Federal Communications Commission, Wireline Competition Bureau, Industry Analysis and Technology Division, *Trends in Telephone Service* at Table 5.3 (Sept. 2010) (*Trends in Telephone Service*), https://apps.fcc.gov/edocs_public/attachmatch/DOC-301823A1.pdf.

⁴⁴ *Id.*

⁴⁵ *Id.*

⁴⁶ *Id.*

⁴⁷ *Id.*

category is Wired Telecommunications Carriers.⁴⁸ The applicable size standard under SBA rules is that such a business is small if it has 1,500 or fewer employees.⁴⁹ U.S. Census Bureau data for 2012 indicate that 3,117 firms operated for the entire year.⁵⁰ Of that number, 3,083 operated with fewer than 1,000 employees.⁵¹ According to internally developed Commission data, 359 companies reported that their primary telecommunications service activity was the provision of interexchange services.⁵² Of this total, an estimated 317 have 1,500 or fewer employees.⁵³ 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.⁵⁴ The SBA has developed a small business size standard for the category of Telecommunications Resellers.⁵⁵ Under that size standard, such a business is small if it has 1,500 or fewer employees.⁵⁶ U.S. Census Bureau data for 2012 show that 1,341 firms provided resale services during that year.⁵⁷ Of that number, 1,341 operated with fewer than 1,000 employees.⁵⁸ 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.⁵⁹ All 193 carriers have 1,500 or fewer employees.⁶⁰ Consequently, the Commission estimates that the majority of prepaid calling card providers are small.

⁴⁸ See 13 CFR § 121.201. The Wired Telecommunications Carrier category formerly used the NAICS code of 517110. As of 2017 the U.S. Census Bureau definition shows the NAICS code as 517311 for Wired Telecommunications Carriers. See U.S. Census Bureau, *2017 NAICS Definition*, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517311&search=2017>.

⁴⁹ *Id.*

⁵⁰ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* (517110 Wired Telecommunications Carriers). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517110.

⁵¹ *Id.*

⁵² See *Trends in Telephone Service*, Federal Communications Commission, Wireline Competition Bureau, Industry Analysis and Technology Division at Table 5.3 (Sept. 2010) (*Trends in Telephone Service*). https://apps.fcc.gov/edocs_public/attachmatch/DOC-301823A1.pdf.

⁵³ *Id.*

⁵⁴ U.S. Census Bureau, *2017 NAICS Definition*, NAICS Code 517911” Telecommunications Resellers”, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517911&search=2017%20NAICS%20Search>.

⁵⁵ 13 CFR § 121.201 (NAICS code 517911).

⁵⁶ *Id.*

⁵⁷ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* NAICS Code 517911, https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517911.

⁵⁸ *Id.* Available census data does not provide a more precise estimate of the number of firms that have employment of 1,500 or fewer employees; the largest category provided is for firms with “1000 employees or more.”

⁵⁹ See *Trends in Telephone Service*, at tbl. 5.3.

⁶⁰ *Id.*

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.⁶¹ Under the SBA's size standard, such a business is small if it has 1,500 or fewer employees.⁶² U.S. Census Bureau data from 2012 show that 1,341 firms provided resale services during that year.⁶³ Of that number, all operated with fewer than 1,000 employees.⁶⁴ 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.⁶⁵ Of these, an estimated 211 have 1,500 or fewer employees and two have more than 1,500 employees.⁶⁶ 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.⁶⁷ The SBA has developed a small business size standard for the category of Telecommunications Resellers.⁶⁸ Under that size standard, such a business is small if it has 1,500 or fewer employees.⁶⁹ 2012 Census Bureau data show that 1,341 firms provided resale services during that year.⁷⁰ Of that number, 1,341 operated with fewer than 1,000 employees.⁷¹ 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

⁶¹ U.S. Census Bureau, 2017 NAICS Definition, 517911 Telecommunications Resellers, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517911&search=2017%20NAICS%20Search>.

⁶² 13 CFR § 121.201, NAICS code 517911.

⁶³ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012 NAICS Code 517911*, https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517911.

⁶⁴ *Id.* Available census data does not provide a more precise estimate of the number of firms that have employment of 1,500 or fewer employees; the largest category provided is for firms with “1000 employees or more.”

⁶⁵ See *Trends in Telephone Service*, Federal Communications Commission, Wireline Competition Bureau, Industry Analysis and Technology Division at Table 5.3 (Sept. 2010) (*Trends in Telephone Service*).

⁶⁶ *Id.*

⁶⁷ U.S. Census Bureau, 2017 NAICS Definition, 517911 Telecommunications Resellers, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517911&search=2017%20NAICS%20Search>.

⁶⁸ 13 CFR § 121.201, NAICS code 517911.

⁶⁹ *Id.*

⁷⁰ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012 NAICS Code 517911*, https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517911.

⁷¹ *Id.* Available census data does not provide a more precise estimate of the number of firms that have employment of 1,500 or fewer employees; the largest category provided is for firms with “1000 employees or more.”

of toll resale services.⁷² Of this total, an estimated 857 have 1,500 or fewer employees.⁷³ 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.⁷⁴ U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year.⁷⁵ Of this total, 3,083 operated with fewer than 1,000 employees.⁷⁶ 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.⁷⁷ Of these, an estimated 279 have 1,500 or fewer employees.⁷⁸ 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.⁷⁹ The appropriate size standard under SBA rules is that such a business is small if it has 1,500 or fewer employees.⁸⁰ For this industry, U.S. Census Bureau data for 2012 show that there were 967 firms that operated for the entire year.⁸¹ Of this total, 955 firms had employment of 999 or fewer employees and 12 had employment of 1000 employees or more.⁸² 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

⁷² See *Trends in Telephone Service*, Federal Communications Commission, Wireline Competition Bureau, Industry Analysis and Technology Division at Table 5.3 (Sept. 2010) (*Trends in Telephone Service*).

⁷³ See *id.*

⁷⁴ See 13 CFR § 120.201, NAICS Code 517311 (previously 517110).

⁷⁵ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* (517110 Wired Telecommunications Carriers). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517110.

⁷⁶ *Id.*

⁷⁷ *Trends in Telephone Service*, at tbl. 5.3.

⁷⁸ *Id.*

⁷⁹ U.S. Census Bureau, 2012 NAICS Definitions, “517210 Wireless Telecommunications Carriers (Except Satellite).” See <https://factfinder.census.gov/faces/affhelp/jsf/pages/metadata.xhtml?lang=en&type=ib&id=ib.en/ECN.NAICS2012.517210>.

⁸⁰ 13 CFR § 121.201, NAICS code 517210.

⁸¹ U.S. Census Bureau, *2012 Economic Census of the United States*, Table EC1251SSSZ5, *Information: Subject Series: Estab and Firm Size: Employment Size of Firms for the U.S.: 2012 NAICS Code 517210*. https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517210.

⁸² *Id.* Available census data does not provide a more precise estimate of the number of firms that have employment of 1,500 or fewer employees; the largest category provided is for firms with “1000 employees or more.”

primarily engaged in broadcasting images together with sound.”⁸³ These establishments operate television broadcast studios and facilities for the programming and transmission of programs to the public.⁸⁴ 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.⁸⁵ The 2012 Economic Census reports that 751 firms in this category operated in that year.⁸⁶ Of that number, 656 had annual receipts of \$25,000,000 or less.⁸⁷ 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 1,377.⁸⁸ 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 384.⁸⁹ 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.⁹⁰ 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) affiliations⁹¹ 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

⁸³ U.S. Census Bureau, 2017 NAICS Definitions, “515120 Television Broadcasting,” <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?input=515120&search=2017+NAICS+Search&search=2017>.

⁸⁴ *Id.*

⁸⁵ 13 C.F.R. § 121.201; 2012 NAICS code 515120.

⁸⁶ U.S. Census Bureau, Table No. EC1251SSSZ4, *Information: Subject Series - Establishment and Firm Size: Receipts Size of Firms for the United States: 2012* (515120 Television Broadcasting). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ4/naics~515120.

⁸⁷ *Id.*

⁸⁸ *Broadcast Station Totals* as of June 30, 2018, Press Release (MB, rel. Jul. 3, 2018) (June 30, 2018 Broadcast Station Totals Press Release), <https://docs.fcc.gov/public/attachments/DOC-352168A1.pdf>.

⁸⁹ *Id.*

⁹⁰ *Id.*

⁹¹ “[Business concerns] are affiliates of each other when one concern controls or has the power to control the other or a third party or parties controls or has the power to control both.” 13 C.F.R. § 21.103(a)(1).

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.”⁹² The SBA has established a small business size standard for this category as firms having \$41.5 million or less in annual receipts.⁹³ Economic Census data for 2012 show that 2,849 radio station firms operated during that year.⁹⁴ 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.⁹⁵ 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.⁹⁶ 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 11,371.⁹⁷ We note the Commission has also estimated the number of licensed noncommercial (NCE) FM radio stations to be 4,128.⁹⁸ 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.⁹⁹ 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.¹⁰⁰ 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

⁹² U.S. Census Bureau, 2017 NAICS Definitions, “515112 Radio Stations,” <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?input=515112&search=2017+NAICS+Search&search=2017>.

⁹³ 13 CFR § 121.201; NAICS code 515112.

⁹⁴ U.S. Census Bureau, Table No. EC1251SSSZ4, *Information: Subject Series – Establishment and Firm Size: Receipts Size of Firms for the United States: 2012* NAICS Code 515112, https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ4//naics~515112.

⁹⁵ *Id.*

⁹⁶ BIA/Kelsey, MEDIA Access Pro Database (viewed Jan. 26, 2018).

⁹⁷ Broadcast Station Totals as of June 30, 2018, Press Release (MB Jul. 3, 2018) (June 30, 2018 Broadcast Station Totals), <https://docs.fcc.gov/public/attachments/DOC-352168A1.pdf>.

⁹⁸ *Id.*

⁹⁹ “[Business concerns] are affiliates of each other when one concern controls or has the power to control the other, or a third party or parties controls or has power to control both.” 13 C.F.R. § 121.103(a)(1).

¹⁰⁰ 13 C.F.R. § 121.102(b).

Commission's rules, a "small cable company" is one serving 400,000 or fewer subscribers nationwide.¹⁰¹ Industry data indicate that there are 4,600 active cable systems in the United States.¹⁰² Of this total, all but five cable operators nationwide are small under the 400,000-subscriber size standard.¹⁰³ In addition, under the Commission's rate regulation rules, a "small system" is a cable system serving 15,000 or fewer subscribers.¹⁰⁴ Commission records show 4,600 cable systems nationwide.¹⁰⁵ 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.¹⁰⁶ 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."¹⁰⁷ As of 2019, there were approximately 48,646,056 basic cable video subscribers in the United States.¹⁰⁸ 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.¹⁰⁹ Based on available data, we find that all but five cable operators are small entities under this size standard.¹¹⁰ 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.¹¹¹ 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

¹⁰¹ 47 CFR § 76.901(e). The Commission determined that this size standard equates approximately to a size standard of \$100 million or less in annual revenues. *Implementation of Sections of the 1992 Cable Act: Rate Regulation*, Sixth Report and Order and Eleventh Order on Reconsideration, 10 FCC Rcd 7393, 7408 (1995).

¹⁰² The number of active, registered cable systems comes from the Commission's Cable Operations and Licensing System (COALS) database on August 15, 2015. *See* FCC, *Cable Operations and Licensing System (COALS)*, www.fcc.gov/coals (last visited Oct. 25, 2016).

¹⁰³ S&P Global Market Intelligence, *Top Cable MSOs as of 12/2019*, <https://platform.marketintelligence.spglobal.com/> (Dec 2019). [The five cable operators all had more than 400,000 basic cable subscribers.](#)

¹⁰⁴ 47 CFR § 76.901(c).

¹⁰⁵ *See supra* note 102.

¹⁰⁶ *Id.*

¹⁰⁷ 47 U.S.C. § 543(m)(2); *see also* 47 CFR § 76.901(e).

¹⁰⁸ S&P Global Market Intelligence, *U.S. Cable Subscriber Highlights, Basic Subscribers(actual) 2019, U.S. Cable MSO Industry Total, see also U.S. Multichannel Industry Benchmarks, U.S. Cable Industry Benchmarks, Basic Subscribers 2019Y*, <https://platform.marketintelligence.spglobal.com>.

¹⁰⁹ 47 CFR § 76.901(e).

¹¹⁰ S&P Global Market Intelligence, *Top Cable MSOs as of 12/2019*, <https://platform.marketintelligence.spglobal.com>. [The five cable operators all had more than 486,460 basic cable subscribers.](#)

¹¹¹ The Commission does receive such information on a case-by-case basis if a cable operator appeals a local franchise authority's finding that the operator does not qualify as a small cable operator pursuant to § 76.901(e) of the Commission's rules. *See* 47 CFR § 76.910(b).

Telecommunications Carriers.”¹¹² 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.¹¹³ 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.¹¹⁴ By exception, establishments providing satellite television distribution services using facilities and infrastructure that they operate are included in this industry.¹¹⁵ The SBA determines that a wireline business is small if it has fewer than 1,500 employees.¹¹⁶ U.S. Census Bureau data for 2012 indicates that 3,117 wireline companies were operational during that year.¹¹⁷ Of that number, 3,083 operated with fewer than 1,000 employees.¹¹⁸ 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.¹¹⁹ 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.¹²⁰ 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.¹²¹ Establishments providing Internet services or voice over Internet protocol (VoIP) services via client-supplied telecommunications connections are also included in this industry.¹²² The SBA has developed a small business size standard for All Other

¹¹² See 13 CFR § 120.201. The Wired Telecommunications Carrier category formerly used the NAICS code of 517110. As of 2017 the U.S. Census Bureau definition shows the NAICS code as 517311 for Wired Telecommunications Carriers. See, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517311&search=2017>.

¹¹³ *Id.*

¹¹⁴ See *id.* Examples of this category are: broadband Internet service providers (e.g., cable, DSL); local telephone carriers (wired); cable television distribution services; long-distance telephone carriers (wired); CCTV services; VoIP service providers, using own operated wired telecommunications infrastructure; DTH services; telecommunications carriers (wired); satellite television distribution systems; and MMDS.

¹¹⁵ *Id.*

¹¹⁶ 13 CFR § 121.201, NAICS CODE 517110.

¹¹⁷ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, *Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012* (517110 Wired Telecommunications Carriers). https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5/naics~517110.

¹¹⁸ *Id.*

¹¹⁹ See *Annual Assessment of the Status of Competition in the Market for the Delivery of Video Programming, Eighteenth Report*, Table III.A.5, 32 FCC Rcd 568, 595 (Jan. 17, 2017).

¹²⁰ See U.S. Census Bureau, 2017 NAICS Definitions, NAICS Code “517919 All Other Telecommunications”, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?input=517919&search=2017+NAICS+Search&search=2017>.

¹²¹ *Id.*

¹²² *Id.*

Telecommunications, which consists of all such firms with annual receipts of \$35 million or less.¹²³ For this category, U.S. Census Bureau data for 2012 shows that there were 1,442 firms that operated for the entire year.¹²⁴ 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, 999,999.¹²⁵ 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.¹²⁶ 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,¹²⁷ and Wireless Telecommunications Carriers (except satellite).¹²⁸

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.”¹²⁹ 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.¹³⁰ U.S. Census Bureau data for 2012 show that there were 3,117 firms that operated that year.¹³¹ Of this total, 3,083 operated with fewer than 1,000 employees.¹³² 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**

¹²³ See 13 CFR § 121.201, NAICS code 517919.

¹²⁴ U.S. Census Bureau, *2012 Economic Census of the United States*, Table EC1251SSSZ4, Information: Subject Series - Estab and Firm Size: Receipts Size of Firms for the United States: 2012, NAICS code 517919, https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ4//naics~517919.

¹²⁵ *Id.*

¹²⁶ See 47 CFR § 52.101(b).

¹²⁷ 13 CFR § 121.201, NAICS code 517110.

¹²⁸ *Id.*

¹²⁹ See 13 CFR § 120.201. The Wired Telecommunications Carrier category formerly used the NAICS code of 517110. As of 2017 the U.S. Census Bureau definition shows the NAICS code as 517311 for Wired Telecommunications Carriers. See U.S. Census Bureau, *2017 NAICS Definition*, <https://www.census.gov/cgi-bin/sssd/naics/naicsrch?code=517311&search=2017>.

¹³⁰ See 13 CFR § 120.201, NAICS Code 517311 (previously 517110).

¹³¹ See U.S. Census Bureau, *2012 Economic Census of the United States*, Table No. EC1251SSSZ5, Information: Subject Series - Estab & Firm Size: Employment Size of Firms: 2012 (517110 Wired Telecommunications Carriers), https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517110.

¹³² *Id.*

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.¹³³ The appropriate size standard under SBA rules is that such a business is small if it has 1,500 or fewer employees.¹³⁴ 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.¹³⁵ 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”¹³⁶ and “Other Management Consulting Services.”¹³⁷

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).¹³⁸ The SBA has established a size standard for this industry as annual receipts of \$16.5 million dollars or less.¹³⁹ 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.¹⁴⁰ 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.¹⁴¹ The SBA has established a size standard for this industry of \$16.5 million dollars or less.¹⁴² 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

¹³³ U.S. Census Bureau, 2012 NAICS Definitions, “517210 Wireless Telecommunications Carriers (Except Satellite).” See <https://factfinder.census.gov/faces/affhelp/jsf/pages/metadata.xhtml?lang=en&type=ib&id=ib.en./ECN.NAICS2012.517210>.

¹³⁴ 13 CFR § 120.201, NAICS code 517120.

¹³⁵ U.S. Census Bureau, *2012 Economic Census of the United States*, Table EC1251SSSZ5, Information: Subject Series: Estab and Firm Size: Employment Size of Firms for the U.S.: 2012 NAICS Code 517210. https://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/51SSSZ5//naics~517210/pid=ECN_2012_US_51SSSZ4&prodType=table.

¹³⁶ 13 CFR § 120.201, NAICS code 541890.

¹³⁷ 13 CFR § 120.201, NAICS code 541618.

¹³⁸ <http://www.census.gov/cgi-bin/sssd/naics.naicsrch>.

¹³⁹ 13 CFR § 120.201, NAICS code 541890.

¹⁴⁰ http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN_2012_US_51SSSZ4&prodType=table.

¹⁴¹ <http://www.census.gov/cgi-bin/sssd/naics.naicsrch>.

¹⁴² 13 CFR § 120.201, NAICS code 514618.

receipts.¹⁴³ Based on this data, we conclude that a majority of non-carrier RespOrgs who provide TFN-related management consulting services are small.¹⁴⁴

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.

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.

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.¹⁴⁵

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 Appendices B and C to 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.

Federal Rules that May Duplicate, Overlap, or Conflict with the Proposed Rules

41. None.

¹⁴³ http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN_2012_US_51SSSZ4&prodType=table.

¹⁴⁴ The four NAICS code-based categories selected above to provide definitions for Carrier and Non-Carrier RespOrgs were selected because as a group they refer generically and comprehensively to all RespOrgs.

¹⁴⁵ 5 U.S.C. § 603(c)(1)–(c)(4).