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Federal Communications Commission

Semiannual Regulatory Agenda

FEDERAL COMMUNICATIONS COMMISSION

47 CFR Ch. I

Semiannual Regulatory Agenda

AGENCY: Federal Communications Commission.

ACTION: Semiannual regulatory agenda.

SUMMARY: Twice a year, in spring and fall, the Commission publishes in the **Federal Register** a list in the Unified Agenda of those major items and other significant proceedings under development or review that pertain to the Regulatory Flexibility Act (U.S.C. 602). The Unified Agenda also provides the Code of Federal Regulations citations and legal authorities that govern these proceedings. The complete Unified Agenda will be published on the internet in a searchable format at www.reginfo.gov.

ADDRESSES: Federal Communications Commission, 445 12th Street SW, Washington, DC 20554.

FOR FURTHER INFORMATION CONTACT: Maura McGowan, Telecommunications Policy Specialist, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, (202) 418-0990.

SUPPLEMENTARY INFORMATION:

Unified Agenda of Major and Other Significant Proceedings

The Commission encourages public participation in its rulemaking process. To help keep the public informed of significant rulemaking proceedings, the Commission has prepared a list of important proceedings now in progress. The General Services Administration publishes the Unified Agenda in the **Federal Register** in the spring and fall of each year.

The following terms may be helpful in understanding the status of the proceedings included in this report:

Docket Number—assigned to a proceeding if the Commission has issued either a Notice of Proposed Rulemaking or a Notice of Inquiry concerning the matter under consideration. The Commission has used docket numbers since January 1, 1978. Docket numbers consist of the last two digits of the calendar year in which the docket was established plus a sequential number that begins at 1 with the first docket initiated during a calendar year (e.g., Docket No. 15-1 or Docket No. 17-1). The abbreviation for the responsible bureau usually precedes the docket number, as in “MB Docket No. 17-289,” which indicates that the responsible bureau is the Media Bureau. A docket number consisting of only five digits (e.g., Docket No. 29622) indicates that the docket was established before January 1, 1978.

Notice of Inquiry (NOI)—issued by the Commission when it is seeking information on a broad subject or trying to generate ideas on a given topic. A comment period is specified during which all interested parties may submit comments.

Notice of Proposed Rulemaking (NPRM)—issued by the Commission when it is proposing a specific change to Commission rules and regulations. Before any changes are actually made, interested parties may submit written comments on the proposed revisions.

Further Notice of Proposed Rulemaking (FNPRM)—issued by the Commission when additional comment in the proceeding is sought.

Memorandum Opinion and Order (MO&O)—issued by the Commission to deny a petition for rulemaking, conclude an inquiry, modify a decision, or address a petition for reconsideration of a decision.

Rulemaking (RM) Number—assigned to a proceeding after the appropriate bureau or office has reviewed a petition for rulemaking, but before the Commission has taken action on the petition.

Report and Order (R&O)—issued by the Commission to state a new or amended rule or state that the Commission rules and regulations will not be revised.

Marlene H. Dortch,
Secretary, Federal Communications Commission.

CONSUMER AND GOVERNMENTAL AFFAIRS BUREAU—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
418	Rules and Regulations Implementing the Telephone Consumer Protection Act (TCPA) of 1991 (CG Docket No. 02-278).	3060-AI14
419	Rules and Regulations Implementing Section 225 of the Communications Act (Telecommunications Relay Service) (CG Docket No. 03-123).	3060-AI15
420	Structure and Practices of the Video Relay Service (VRS) Program (CG Docket No. 10-51)	3060-AJ42
421	Misuse of Internet Protocol (IP) Captioned Telephone Service; Telecommunications Relay Services and Speech-to-Speech Services; CG Docket No. 13-24.	3060-AK01
422	Advanced Methods to Target and Eliminate Unlawful Robocalls (CG Docket No. 17-59)	3060-AK62

OFFICE OF ENGINEERING AND TECHNOLOGY—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
423	Federal Earth Stations—Non-Federal Fixed Satellite Service Space Stations; Spectrum for Non-Federal Space Launch Operations; ET Docket No. 13-115.	3060-AK09
424	Authorization of Radio Frequency Equipment; ET Docket No. 13-44	3060-AK10
425	Spectrum Access for Wireless Microphone Operations (GN Docket Nos. 14-166 and 12-268)	3060-AK30
426	Encouraging the Provision of New Technologies and Services to the Public (GN Docket No. 18-22)	3060-AK80
427	Spectrum Horizon (ET Docket No. 18-21)	3060-AK81
428	Amendment of Parts 1, 2, 15, 90, and 95 of the Commission’s Rules to Permit Radar Services in the 76-81 GHz Band (ET Docket No. 15-26).	3060-AK82

INTERNATIONAL BUREAU—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
429	International Settlements Policy Reform (IB Docket No. 11–80)	3060–AJ77
430	Comprehensive Review of Licensing and Operating Rules for Satellite Services (IB Docket No. 12–267) ..	3060–AJ98
431	Update to Parts 2 and 25 Concerning NonGeostationary, Fixed-Satellite Service Systems, and Related Matters: IB Docket No. 16–408.	3060–AK59
432	Amendment of Parts 2 and 25 of the FCC Rules to Facilitate the Use of Earth Stations in Motion Communicating With Geostationary Orbit Space Stations in FSS Bands: IB Docket No. 17–95.	3060–AK84
433	Further Streamlining Part 25 Rules Governing Satellite Services: IB Docket No. 18–314	3060–AK87
434	Streamlining Licensing Procedures for Small Satellites; IB Docket No. 18–86	3060–AK88
435	Facilitating the Communications of Earth Stations in Motion With Non-Geostationary Orbit Space Stations: IB Docket No. 18–315.	3060–AK89
436	Mitigation of Orbital Debris in the New Space Age: IB Docket No. 18–313	3060–AK90

MEDIA BUREAU—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
437	Cable Television Rate Regulation	3060–AF41
438	Implementation of the Cable Communications Policy Act of 1984 as Amended by the Cable Television Consumer Protection and Competition Act of 1992 (MB Docket No. 05–311).	3060–AI69
439	Authorizing Permissive Use of the “Next Generation” Broadcast Television Standard (GN Docket No. 16–142).	3060–AK56
440	Electronic Delivery of MVPD Communications (MB Docket No. 17–317)	3060–AK70
441	2018 Quadrennial Regulatory Review of the Commission’s Broadcast Ownership Rules (MB Docket 18–349).	3060–AK77
442	Children’s Television Programming Rules (MB Docket 18–202)	3060–AK78
443	Amendment of Part 74 of the Commission’s Rules Regarding FM Translator Interference (MB Docket 18–119).	3060–AK79
444	Channel Lineup Requirements—Sections 76.1705 and 76.1700(a)(4): Modernization of Media Regulation Initiative: MB Docket Nos. 18–92 and 17–105.	3060–AK85
445	Equal Employment Opportunity Enforcement (MB Docket 19–77)	3060–AK86

MEDIA BUREAU—COMPLETED ACTIONS

Sequence No.	Title	Regulation Identifier No.
446	Digital Must-Carry (CS Docket No. 98–120)	3060–AG91
447	Enhanced and Standardized Disclosure (MM Docket No. 00–168; MB Docket No. 11–189)	3060–AH71
448	Digital Television Distributed Transmission System Technologies (MB Docket No. 05–312)	3060–AI68
449	An Inquiry Into the Commission’s Policies and Rules Regarding AM Radio Service Directional Antenna Performance Verification (MM Docket No. 93–177).	3060–AJ17

OFFICE OF MANAGING DIRECTOR—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
450	Assessment and Collection of Regulatory Fees	3060–AK64

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
451	Wireless E911 Location Accuracy Requirements: PS Docket No. 07–114	3060–AJ52
452	Proposed Amendments to Service Rules Governing Public Safety Narrowband Operations in the 769–775 and 799–805 MHz Bands; PS Docket No. 13–87.	3060–AK19
453	Improving Outage Reporting for Submarine Cables and Enhancing Submarine Cable Outage Data; GN Docket No. 15–206.	3060–AK39
454	Amendments to Part 4 of the Commission’s Rules Concerning Disruptions to Communications: PS Docket No. 15–80.	3060–AK40
455	New Part 4 of the Commission’s Rules Concerning Disruptions to Communications; ET Docket No. 04–35	3060–AK41
456	Wireless Emergency Alerts (WEA): PS Docket No. 15–91	3060–AK54
457	Blue Alert EAS Event Code	3060–AK63

WIRELESS TELECOMMUNICATIONS BUREAU—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
458	Universal Service Reform Mobility Fund (WT Docket No. 10–208)	3060–AJ58
459	Improving Spectrum Efficiency Through Flexible Channel Spacing and Bandwidth Utilization for Economic Area-Based 800 MHz Specialized Mobile Radio Licensees (WT Docket Nos. 12–64 and 11–110).	3060–AJ71
460	Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions (GN Docket No. 12–268).	3060–AJ82
461	Amendment of Parts 1, 2, 22, 24, 27, 90, and 95 of the Commission’s Rules to Improve Wireless Coverage Through the Use of Signal Boosters (WT Docket No. 10–4).	3060–AJ87
462	Amendment of the Commission’s Rules Governing Certain Aviation Ground Station Equipment (Squitter) (WT Docket Nos. 10–61 and 09–42).	3060–AJ88
463	Promoting Technological Solutions to Combat Wireless Contraband Device Use in Correctional Facilities; GN Docket No. 13–111.	3060–AK06
464	Promoting Investment in the 3550–3700 MHz Band; GN Docket No. 17–258	3060–AK12
465	800 MHz Cellular Telecommunications Licensing Reform; Docket No. 12–40	3060–AK13
466	Updating Part 1 Competitive Bidding Rules (WT Docket No. 14–170)	3060–AK28
467	Use of Spectrum Bands Above 24 GHz for Mobile Services—Spectrum Frontiers: WT Docket 10–112	3060–AK44
468	Transforming the 2.5 GHz Band	3060–AK75
469	Expanding Flexible Use of the 3.7 to 4.2 GHz Band; GN Docket No. 18–122	3060–AK76
470	Amendment of the Commission’s Rules to Promote Aviation Safety: WT Docket No. 19–140	3060–AK92

WIRELESS TELECOMMUNICATIONS BUREAU—COMPLETED ACTIONS

Sequence No.	Title	Regulation Identifier No.
471	Review of Part 87 of the Commission’s Rules Concerning Aviation (WT Docket No. 01–289)	3060–AI35
472	Amendment of Part 101 of the Commission’s Rules for Microwave Use and Broadcast Auxiliary Service Flexibility.	3060–AJ47
473	Fixed and Mobile Services in the Mobile Satellite Service Bands at 1525–1559 MHz and 1626.5–1660.5 MHz, 1610–1626.5 MHz and 2483.5–2500 MHz, and 2000–2020 MHz and 2180–2200 MHz.	3060–AJ59

WIRELINE COMPETITION BUREAU—LONG-TERM ACTIONS

Sequence No.	Title	Regulation Identifier No.
474	Telecommunications Carriers’ Use of Customer Proprietary Network Information and Other Customer Information (CC Docket No. 96–115).	3060–AG43
475	Numbering Resource Optimization	3060–AH80
476	Jurisdictional Separations	3060–AJ06
477	Service Quality Measurement Plan for Interstate Special Access (WC Docket No. 02–112; CC Docket No. 00–175; WC Docket No. 06–120).	3060–AJ08
478	Development of Nationwide Broadband Data to Evaluate Reasonable and Timely Deployment of Advanced Services to All Americans.	3060–AJ15
479	Local Number Portability Porting Interval and Validation Requirements (WC Docket No. 07–244)	3060–AJ32
480	Rural Call Completion; WC Docket No. 13–39	3060–AJ89
481	Rates for Inmate Calling Services; WC Docket No. 12–375	3060–AK08
482	Comprehensive Review of the Part 32 Uniform System of Accounts (WC Docket No. 14–130)	3060–AK20
483	Restoring Internet Freedom (WC Docket No. 17–108); Protecting and Promoting the Open Internet (GN Docket No. 14–28).	3060–AK21
484	Technology Transitions; GN Docket No 13–5, WC Docket No. 05–25; Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment; WC Docket No. 17–84.	3060–AK32
485	Numbering Policies for Modern Communications, WC Docket No. 13–97	3060–AK36
486	Implementation of the Universal Service Portions of the 1996 Telecommunications Act	3060–AK57
487	Toll Free Assignment Modernization and Toll Free Service Access Codes: WC Docket No. 17–192, CC Docket No. 95–155.	3060–AK91

FEDERAL COMMUNICATIONS COMMISSION (FCC)

Consumer and Governmental Affairs Bureau

Long-Term Actions

418. Rules and Regulations Implementing the Telephone Consumer Protection Act (TCPA) of 1991 (CG Docket No. 02–278)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 227

Abstract: In this docket, the

Commission considers rules and policies to implement the Telephone Consumer Protection Act of 1991 (TCPA). The TCPA places requirements on robocalls (calls using an automatic telephone dialing system, an autodialer, a prerecorded or, an artificial voice), telemarketing calls, and unsolicited fax advertisements.

Timetable:

Action	Date	FR Cite
NPRM	10/08/02	67 FR 62667
FNPRM	04/03/03	68 FR 16250
Order	07/25/03	68 FR 44144
Order Effective	08/25/03	
Order on Reconsideration.	08/25/03	68 FR 50978
Order	10/14/03	68 FR 59130
FNPRM	03/31/04	69 FR 16873
Order	10/08/04	69 FR 60311
Order	10/28/04	69 FR 62816
Order on Reconsideration.	04/13/05	70 FR 19330
Order	06/30/05	70 FR 37705
NPRM	12/19/05	70 FR 75102
Public Notice	04/26/06	71 FR 24634
Order	05/03/06	71 FR 25967
NPRM	12/14/07	72 FR 71099
Declaratory Ruling	02/01/08	73 FR 6041
R&O	07/14/08	73 FR 40183
Order on Reconsideration.	10/30/08	73 FR 64556
NPRM	03/22/10	75 FR 13471
R&O	06/11/12	77 FR 34233
Public Notice	06/30/10	75 FR 34244
Public Notice (Reconsideration Petitions Filed).	10/03/12	77 FR 60343
Announcement of Effective Date.	10/16/12	77 FR 63240
Opposition End Date.	10/18/12	
Rule Corrections	11/08/12	77 FR 66935
Declaratory Ruling (release date).	11/29/12	
Declaratory Ruling (release date).	05/09/13	
Declaratory Ruling and Order.	10/09/15	80 FR 61129
NPRM	05/20/16	81 FR 31889
Declaratory Ruling	07/05/16	
R&O	11/16/16	81 FR 80594
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Kristi Thornton, Associate Division Chief, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–2467, *Email:* kristi.thornton@fcc.gov.

RIN: 3060–AI14

419. Rules and Regulations Implementing Section 225 of the Communications Act (Telecommunications Relay Service) (CG Docket No. 03–123)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 225

Abstract: This proceeding continues the Commission’s inquiry into improving the quality of telecommunications relay service (TRS) and furthering the goal of functional equivalency, consistent with Congress’ mandate that TRS regulations encourage the use of existing technology and not discourage or impair the development of new technology. In this docket, the Commission explores ways to improve emergency preparedness for TRS facilities and services, new TRS technologies, public access to information and outreach, and issues related to payments from the Interstate TRS Fund.

Timetable:

Action	Date	FR Cite
NPRM	08/25/03	68 FR 50993
R&O, Order on Reconsideration.	09/01/04	69 FR 53346
FNPRM	09/01/04	69 FR 53382
Public Notice	02/17/05	70 FR 8034
Declaratory Ruling/Interpretation.	02/25/05	70 FR 9239
Public Notice	03/07/05	70 FR 10930
Order	03/23/05	70 FR 14568
Public Notice/Announcement of Date.	04/06/05	70 FR 17334
Order	07/01/05	70 FR 38134
Order on Reconsideration.	08/31/05	70 FR 51643
R&O	08/31/05	70 FR 51649
Order	09/14/05	70 FR 54294
Order	09/14/05	70 FR 54298
Public Notice	10/12/05	70 FR 59346
R&O/Order on Reconsideration.	12/23/05	70 FR 76208
Order	12/28/05	70 FR 76712
Order	12/29/05	70 FR 77052
NPRM	02/01/06	71 FR 5221
Declaratory Ruling/Clarification.	05/31/06	71 FR 30818
FNPRM	05/31/06	71 FR 30848
FNPRM	06/01/06	71 FR 31131
Declaratory Ruling/Dismissal of Petition.	06/21/06	71 FR 35553
Clarification	06/28/06	71 FR 36690

Action	Date	FR Cite
Declaratory Ruling on Reconsideration.	07/06/06	71 FR 38268
Order on Reconsideration.	08/16/06	71 FR 47141
MO&O	08/16/06	71 FR 47145
Clarification	08/23/06	71 FR 49380
FNPRM	09/13/06	71 FR 54009
Final Rule; Clarification.	02/14/07	72 FR 6960
Order	03/14/07	72 FR 11789
R&O	08/06/07	72 FR 43546
Public Notice	08/16/07	72 FR 46060
Order	11/01/07	72 FR 61813
Public Notice	01/04/08	73 FR 863
R&O/Declaratory Ruling.	01/17/08	73 FR 3197
Order	02/19/08	73 FR 9031
Order	04/21/08	73 FR 21347
R&O	04/21/08	73 FR 21252
Order	04/23/08	73 FR 21843
Public Notice	04/30/08	73 FR 23361
Order	05/15/08	73 FR 28057
Declaratory Ruling	07/08/08	73 FR 38928
FNPRM	07/18/08	73 FR 41307
R&O	07/18/08	73 FR 41286
Public Notice	08/01/08	73 FR 45006
Public Notice	08/05/08	73 FR 45354
Public Notice	10/10/08	73 FR 60172
Order	10/23/08	73 FR 63078
2nd R&O and Order on Reconsideration.	12/30/08	73 FR 79683
Order	05/06/09	74 FR 20892
Public Notice	05/07/09	74 FR 21364
NPRM	05/21/09	74 FR 23815
Public Notice	05/21/09	74 FR 23859
Public Notice	06/12/09	74 FR 28046
Order	07/29/09	74 FR 37624
Public Notice	08/07/09	74 FR 39699
Order	09/18/09	74 FR 47894
Order	10/26/09	74 FR 54913
Public Notice	05/12/10	75 FR 26701
Order Denying Stay Motion (Release Date).	07/09/10	
Order	08/13/10	75 FR 49491
Order	09/03/10	75 FR 54040
NPRM	11/02/10	75 FR 67333
NPRM	05/02/11	76 FR 24442
Order	07/25/11	76 FR 44326
Final Rule (Order)	09/27/11	76 FR 59551
Final Rule; Announcement of Effective Date.	11/22/11	76 FR 72124
Proposed Rule (Public Notice).	02/28/12	77 FR 11997
Proposed Rule (FNPRM).	02/01/12	77 FR 4948
First R&O	07/25/12	77 FR 43538
Public Notice	10/29/12	77 FR 65526
Order on Reconsideration.	12/26/12	77 FR 75894
Order	02/05/13	78 FR 8030
Order (Interim Rule).	02/05/13	78 FR 8032
NPRM	02/05/13	78 FR 8090
Announcement of Effective Date.	03/07/13	78 FR 14701
NPRM Comment Period End.	03/13/13	
FNPRM	07/05/13	78 FR 40407
FNPRM Comment Period End.	09/18/13	

Action	Date	FR Cite
R&O	07/05/13	78 FR 40582
R&O	08/15/13	78 FR 49693
FNPRM	08/15/13	78 FR 49717
FNPRM Comment Period End.	09/30/13	
R&O	08/30/13	78 FR 53684
FNPRM	09/03/13	78 FR 54201
NPRM	10/23/13	78 FR 63152
FNPRM Comment Period End.	11/18/13	
Petition for Reconsideration; Request for Comment.	12/16/13	78 FR 76096
Petition for Reconsideration; Request for Comment.	12/16/13	78 FR 76097
Request for Clarification; Request for Comment; Correction.	12/30/13	78 FR 79362
Petition for Reconsideration Comment Period End.	01/10/14	
NPRM Comment Period End.	01/21/14	
Announcement of Effective Date.	07/11/14	79 FR 40003
Announcement of Effective Date.	08/28/14	79 FR 51446
Correction—Announcement of Effective Date.	08/28/14	79 FR 51450
Technical Amendments.	09/09/14	79 FR 53303
Public Notice	09/15/14	79 FR 54979
R&O and Order ...	10/21/14	79 FR 62875
FNPRM	10/21/14	79 FR 62935
FNPRM Comment Period End.	12/22/14	
Final Action (Announcement of Effective Date).	10/30/14	79 FR 64515
Final Rule Effective.	10/30/14	
FNPRM	11/08/15	80 FR 72029
FNPRM Comment Period End.	01/01/16	
Public Notice	01/20/16	81 FR 3085
Public Notice Comment Period End.	02/16/16	
R&O	03/21/16	81 FR 14984
FNPRM	08/24/16	81 FR 57851
FNPRM Comment Period End.	09/14/16	
NOI and FNPRM	04/12/17	82 FR 17613
NOI and FNPRM Comment Period End.	05/30/17	
R&O	04/13/17	82 FR 17754
R&O	04/27/17	82 FR 19322
FNPRM	04/27/17	82 FR 19347
FNPRM Comment Period End.	07/11/17	
R&O	06/23/17	82 FR 28566
Public Notice	07/21/17	82 FR 33856
Public Notice—Correction.	07/25/17	82 FR 34471

Action	Date	FR Cite
Public Notice Comment Period End.	07/31/17	
Public Notice—Correction Comment Period End.	08/17/17	
R&O	08/22/17	82 FR 39673
Announcement of Effective Date.	10/17/17	82 FR 48203
Public Notice; Petition for Reconsideration.	10/25/17	82 FR 49303
Oppositions Due Date.	11/20/17	
R&O and Declaratory Ruling.	06/27/18	83 FR 30082
FNPRM	07/18/18	83 FR 33899
FNPRM Comment Period End.	11/15/18	
Public Notice	08/23/18	83 FR 42630
Public Notice Opposition Period End.	09/17/18	
Announcement of Effective Date.	02/04/19	84 FR 1409
R&O	03/08/19	84 FR 8457
FNPRM	03/14/19	84 FR 9276
FNPRM Comment Period End.	04/29/19	
R&O	06/06/19	84 FR 26364
FNPRM	06/06/19	84 FR 26379
Petition for Reconsideration Request for Comment.	06/18/19	84 FR 28264
Petition for Reconsideration Comment Period End.	07/15/19	
FNPRM Comment Period End.	08/05/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis
Required: Yes.
Agency Contact: Eliot Greenwald, Deputy Chief, Disability Rights Office, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–2235, *Email:* eliot.greenwald@fcc.gov.
RIN: 3060–AI15

420. Structure and Practices of the Video Relay Service (VRS) Program (CG Docket No. 10–51)

E.O. 13771 Designation: Independent agency.
Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 225; 47 U.S.C. 303(r)

Abstract: The Commission takes a fresh look at its VRS rules to ensure that it is available to and used by the full spectrum of eligible users, encourages innovation, and is provided efficiently to be less susceptible to the waste, fraud, and abuse that have plagued the program and threatened its long-term viability. The Commission also considers the most effective and

efficient way to make VRS available and to determine what is the most fair, efficient, and transparent cost-recovery methodology. In addition, the Commission looks at various ways to measure the quality of VRS so as to ensure a better consumer experience.

Timetable:

Action	Date	FR Cite
Declaratory Ruling	05/07/10	75 FR 25255
Declaratory Ruling Order	07/13/10	75 FR 39945
Order	07/13/10	75 FR 39859
Notice of Inquiry ..	07/19/10	75 FR 41863
NPRM	08/23/10	75 FR 51735
Interim Final Rule	02/15/11	76 FR 8659
Public Notice	03/02/11	76 FR 11462
R&O	05/02/11	76 FR 24393
FNPRM	05/02/11	76 FR 24437
NPRM	05/02/11	76 FR 24442
R&O (Correction)	05/27/11	76 FR 30841
Order	07/25/11	76 FR 44326
2nd R&O	08/05/11	76 FR 47469
Order (Interim Final Rule).	08/05/11	76 FR 47476
Final Rule; Announcement of Effective Date.	09/26/11	76 FR 59269
Final Rule; Petition for Reconsideration; Public Notice.	09/27/11	76 FR 59557
Oppositions Due Date.	10/07/11	
Final Rule; Clarification (MO&O).	10/31/11	76 FR 67070
FNPRM	10/31/11	76 FR 67118
Interim Final Rule; Announcement of Effective Date.	11/03/11	76 FR 68116
Final Rule; Announcement of Effective Date.	11/04/11	76 FR 68328
Final Rule; Announcement of Effective Date.	11/07/11	76 FR 68642
FNPRM Comment Period End.	12/30/11	
FNPRM	02/01/12	77 FR 4948
FNPRM Comment Period End.	03/19/12	
Final Rule; Correction.	03/27/12	77 FR 18106
Correcting Amendments.	06/07/12	77 FR 33662
Order (Release Date).	07/25/12	
Correcting Amendments.	10/04/12	77 FR 60630
Public Notice	10/29/12	77 FR 65526
Comment Period End.	11/29/12	
FNPRM	07/05/13	78 FR 40407
R&O	07/05/13	78 FR 40582
FNPRM Comment Period End.	09/18/13	
Public Notice	09/11/13	78 FR 55696
Public Notice	09/15/14	79 FR 54979
Comment Period End.	10/10/14	
Final Action (Announcement of Effective Date).	10/30/14	79 FR 64515

Action	Date	FR Cite
Final Rule Effective.	10/30/14	
FNPRM	11/18/15	80 FR 72029
FNPRM Comment Period End.	02/01/16	
R&O	03/21/16	81 FR 14984
FNPRM	08/24/16	81 FR 57851
FNPRM Comment Period End.	09/14/16	
NOI and FNPRM	04/12/17	82 FR 17613
NOI and FNPRM Comment Period End.	05/30/17	
R&O	04/13/17	82 FR 17754
R&O	04/27/17	82 FR 19322
FNPRM	04/27/17	82 FR 19347
FNPRM Comment Period End.	07/01/17	
Order	06/23/17	82 FR 28566
Public Notice	07/21/17	82 FR 33856
Public Notice Comment Period End.	07/31/17	
Public Notice Correction.	07/25/17	82 FR 34471
Public Notice Correction Comment Period End.	08/17/17	
R&O and Order ...	08/22/17	82 FR 39673
Announcement of Effective Date.	10/17/17	82 FR 48203
Public Notice; Petition for Reconsideration.	10/25/17	82 FR 49303
Oppositions Due Date.	11/20/17	
R&O	06/06/19	84 FR 26364
FNPRM	06/06/19	84 FR 26379
FNPRM Comment Period End.	08/05/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Eliot Greenwald, Deputy Chief, Disability Rights Office, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, Phone: 202 418-2235, Email: eliot.greenwald@fcc.gov. RIN: 3060-AJ42

421. Misuse of Internet Protocol (IP) Captioned Telephone Service; Telecommunications Relay Services and Speech-to-Speech Services; CG Docket No. 13-24

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 225

Abstract: The Federal Communications Commission (FCC) initiated this proceeding in its effort to ensure that Internet-Protocol Captioned Telephone Service (IP CTS) is provided effectively and in the most efficient manner. In doing so, the FCC adopted rules to address certain practices related

to the provision and marketing of IP CTS, as well as compensation of TRS providers. IP CTS is a form of relay service designed to allow people with hearing loss to speak directly to another party on a telephone call and to simultaneously listen to the other party and read captions of what that party is saying over an IP-enabled device. To ensure that IP CTS is provided efficiently to persons who need to use this service, the Commission adopted rules establishing several requirements and issued an FNPRM to address additional issues.

Timetable:

Action	Date	FR Cite
NPRM	02/05/13	78 FR 8090
Order (Interim Rule).	02/05/13	78 FR 8032
Order	02/05/13	78 FR 8030
Announcement of Effective Date.	03/07/13	78 FR 14701
FNPRM Comment Period End.	03/12/13	
R&O	08/30/13	78 FR 53684
FNPRM	09/03/13	78 FR 54201
FNPRM Comment Period End.	11/18/13	
Petition for Reconsideration Request for Comment.	12/16/13	78 FR 76097
Petition for Reconsideration Comment Period End.	01/10/14	
Announcement of Effective Date.	07/11/14	79 FR 40003
Announcement of Effective Date.	08/28/14	79 FR 51446
Correction—Announcement of Effective Date.	08/28/14	79 FR 51450
Technical Amendments.	09/09/14	79 FR 53303
R&O and Declaratory Ruling.	06/27/18	83 FR 30082
FNPRM	07/18/18	83 FR 33899
Public Notice	08/23/18	83 FR 42630
Public Notice Opposition Period End.	09/07/18	
FNPRM Comment Period End.	11/15/18	
Announcement of Effective Date.	02/04/19	84 FR 1409
R&O	03/08/19	84 FR 8457
FNPRM	03/14/19	84 FR 9276
FNPRM Comment Period End.	04/29/19	
Petition for Recon Request for Comment.	06/18/19	84 FR 28264
Petition for Recon Comment Period End.	07/15/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis
Required: Yes.

Agency Contact: Eliot Greenwald, Deputy Chief, Disability Rights Office, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, Phone: 202 418-2235, Email: eliot.greenwald@fcc.gov. RIN: 3060-AK01

422. Advanced Methods To Target and Eliminate Unlawful Robocalls (CG Docket No. 17-59)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 201 and 202; 47 U.S.C. 227; 47 U.S.C. 251(e)

Abstract: The Telephone Consumer Protection Act of 1991 restricts the use of robocalls autodialed or prerecorded calls in certain instances. In CG Docket No. 17-59, the Commission considers rules and policies aimed at eliminating unlawful robocalling. Among the issues it examines in this docket are whether to allow carriers to block calls that purport to be from unallocated or unassigned phone numbers through the use of spoofing, whether to allow carriers to block calls based on their own analyses of which calls are likely to be unlawful and whether to establish a database of reassigned phone numbers to help prevent robocalls to consumers, who did not consent to such calls.

Timetable:

Action	Date	FR Cite
NPRM/NOI	05/17/17	82 FR 22625
2nd NOI	07/13/17	
NPRM Comment Period End.	07/31/17	
FNPRM	01/08/18	83 FR 770
R&O	01/12/18	83 FR 1566
2nd FNPRM	04/23/18	83 FR 17631
2nd FNPRM Comment Period End.	06/07/18	
2nd FNPRM Reply Comment Period End.	07/09/18	
2nd R&O	03/26/19	84 FR 11226
3rd FNPRM	06/24/19	84 FR 29478
Declaratory Ruling	06/24/19	84 FR 29387
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

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Karen Schroeder, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, Phone: 202 418-0654, Email: karen.schroeder@fcc.gov.

Jerusha Burnett, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC

20554, Phone: 202 418-0526, Email: jerusha.burnett@fcc.gov.
RIN: 3060-AK62

FEDERAL COMMUNICATIONS COMMISSION (FCC)

Office of Engineering and Technology
Long-Term Actions

423. Federal Earth Stations—Non-Federal Fixed Satellite Service Space Stations; Spectrum For Non-Federal Space Launch Operations; ET Docket No. 13-115

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154; 47 U.S.C. 302(a); 47 U.S.C. 303; 47 U.S.C. 336

Abstract: The Notice of Proposed Rulemaking proposes to make spectrum allocation proposals for three different space-related purposes. The Commission makes two alternative proposals to modify the Allocation Table to provide interference protection for Fixed-Satellite Service (FSS) and Mobile-Satellite Service (MSS) earth stations operated by Federal agencies under authorizations granted by the National Telecommunications and Information Administration (NTIA) in certain frequency bands. The Commission also proposes to amend a footnote to the Allocation Table to permit a Federal MSS system to operate in the 399.9 to 400.05 MHz band; it also makes alternative proposals to modify the Allocation Table to provide access to spectrum on an interference protected basis to Commission licensees for use during the launch of launch vehicles (*i.e.*, rockets). The Commission also seeks comment broadly on the future spectrum needs of the commercial space sector. The Commission expects that, if adopted, these proposals would advance the commercial space industry and the important role it will play in our Nation's economy and technological innovation now and in the future.

Timetable:

Action	Date	FR Cite
NPRM	07/01/13	78 FR 39200
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Nicholas Oros, Electronics Engineer, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, Phone: 202 418-0636, Email: nicholas.oros@fcc.gov.

RIN: 3060-AK09

424. Authorization of Radio Frequency Equipment; ET Docket No. 13-44

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 157(a); 47 U.S.C. 301; 47 U.S.C. 303(f); 47 U.S.C. 303(g); 47 U.S.C. 303(r); 47 U.S.C. 307(e); 47 U.S.C. 332

Abstract: The Commission is responsible for an equipment authorization program for radio frequency (RF) devices under part 2 of its rules. This program is one of the primary means that the Commission uses to ensure that the multitude of RF devices used in the United States operate effectively without causing harmful interference and otherwise comply with the Commission rules. All RF devices subject to equipment authorization must comply with the Commission's technical requirement before they can be imported or marketed. The Commission or a Telecommunication Certification Body (TCB) must approve some of these devices before they can be imported or marketed, while others do not require such approval. The Commission last comprehensively reviewed its equipment authorization program more than 10 years ago. The rapid innovation in equipment design since that time has led to ever-accelerating growth in the number of parties applying for equipment approval. The Commission therefore believes that the time is now right for us to comprehensively review our equipment authorization processes to ensure that they continue to enable this growth and innovation in the wireless equipment market. In May 2012, the Commission began this reform process by issuing an Order to increase the supply of available grantee codes. With this Notice of Proposed Rulemaking (NPRM), the Commission continues its work to review and reform the equipment authorization processes and rules. This Notice of Proposed Rulemaking proposes certain changes to the Commission's part 2 equipment authorization processes to ensure that they continue to operate efficiently and effectively. In particular, it addresses the role of TCBs in certifying RF equipment and post-market surveillance, as well as the Commission's role in assessing TCB performance. The NPRM also addressed the role of test laboratories in the RF equipment approval process, including accreditation of test labs and the Commission's recognition of laboratory accreditation bodies, and measurement procedures used to determine RF

equipment compliance. Finally, it proposes certain modifications to the rules regarding TCBs that approve terminal equipment under part 68 of the rules that are consistent with our proposed modifications to the rules for TCBs that approve RF equipment. Specifically, the Commission proposes to recognize the National Institute for Standards and Technology (NIST) as the organization that designates TCBs in the United States and to modify the rules to reference the current International Organization for Standardization and International Electrotechnical Commission (ISO/IEC) guides used to accredit TCBs.

This Report and Order updates the Commission's radiofrequency (RF) equipment authorization program to build on the success realized by its use of Commission-recognized Telecommunications Certification Bodies (TCBs). The rules the Commission is adopting will facilitate the continued rapid introduction of new and innovative products to the market while ensuring that these products do not cause harmful interference to each other or to other communications devices and services.

Timetable:

Action	Date	FR Cite
NPRM	05/03/13	78 FR 25916
R&O	06/12/15	80 FR 33425
Memorandum, Opinion & Order.	06/29/16	81 FR 42264
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Hugh Van Tuyl, Electronics Engineer, Federal Communications Commission, Office of Engineering and Technology, 445 12th Street SW, Washington, DC 20554, Phone: 202 418-7506, Fax: 202 418-1944, Email: hugh.vantuyl@fcc.gov.
RIN: 3060-AK10

425. Spectrum Access for Wireless Microphone Operations (GN Docket Nos. 14-166 and 12-268)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 157(a); 47 U.S.C. 301; 47 U.S.C. 303(f); 47 U.S.C. 303(g); 47 U.S.C. 303(r); 47 U.S.C. 307(e); 47 U.S.C. 332

Abstract: The Notice of Proposed Rule Making initiated a proceeding to address how to accommodate the long-term needs of wireless microphone users. Wireless microphones play an important role in enabling broadcasters

and other video programming networks to serve consumers, including as they cover breaking news and broadcast live sports events. They enhance event productions in a variety of settings including theaters and music venues, film studios, conventions, corporate events, houses of worship, and internet webcasts. They also help create high-quality content that consumers demand and value. Recent actions by the Commission, and in particular the repurposing of broadcast television band spectrum for wireless services set forth in the Incentive Auction Report and Order, will significantly alter the regulatory environment in which wireless microphones operate, which necessitates our addressing how to accommodate wireless microphone users in the future.

In the Report and Order, the Commission takes several steps to accommodate the long-term needs of wireless microphone users. Wireless microphones play an important role in enabling broadcasters and other video programming networks to serve consumers, including as they cover breaking news and live sports events. They enhance event productions in a variety of settings including theaters and music venues, film studios, conventions, corporate events, houses of worship, and internet webcasts. They also help create high-quality content that consumers demand and value. In particular, the Commission provides additional opportunities for wireless microphone operations in the TV bands following the upcoming incentive auction, and the Commission provides new opportunities for wireless microphone operations to access spectrum in other frequency bands where they can share use of the bands without harming existing users.

In the Order on Reconsideration, we address the four petitions for reconsideration of the Wireless Microphones R&O concerning licensed wireless microphone operations in the TV bands, the 600 MHz duplex gap, and several other frequency bands, as well as three petitions for reconsideration of the TV bands part 15 R&O concerning unlicensed wireless microphone operations in the TV bands, the 600 MHz guard bands and duplex gap, and the 600 MHz service band. Because these petitions involve several overlapping technical and operational issues concerning wireless microphones, we consolidate our consideration of them in this one order.

In the Further Notice, we propose to permit certain professional theater, music, performing arts, or similar organizations that operate wireless

microphones on an unlicensed basis and that meet certain criteria to obtain a part 74 license to operate in the TV bands (and the 600 MHz service band during the post-auction transition period), thereby allowing them to register in the white spaces databases for interference protection from unlicensed white space devices at venues where their events/productions are performed. In addition, we propose to permit these same users, based on demonstrated need, also to obtain a part 74 license to operate on other bands available for use by part 74 wireless microphone licensees, provided that they meet the applicable requirements for operating in those bands.

Timetable:

Action	Date	FR Cite
NPRM	11/21/14	79 FR 69387
NPRM Comment Period End.	01/05/15	
NPRM Reply Comment Period End.	01/26/15	
R&O	11/17/15	80 FR 71702
FNPRM	09/01/17	82 FR 41583
Order on Recon ..	09/01/17	82 FR 41549
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Paul Murray, Attorney Advisor, Federal Communications Commission, Office of Engineering and Technology, 445 12th Street SW, Washington, DC 20554, Phone: 202 418-0688, Fax: 202 418-7447, Email: paul.murray@fcc.gov. RIN: 3060-AK30

426. Encouraging the Provision of New Technologies and Services to the Public (GN Docket No. 18-22)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 154(3)

Abstract: In this proceeding, the FCC seeks to establish rules describing guidelines and procedures to implement the stated policy goal of section 7 to encourage the provision of new technologies and services to the public. Although the forces of competition and technological growth work together to enable the development and deployment of many new technologies and services to the public, the Commission has at times been slow to identify and take action to ensure that important new technologies or services are made available as quickly as possible. The Commission has sought to overcome these impediments by streamlining many of its processes but

all too often regulatory delays can adversely impact newly proposed technologies or services.

Timetable:

Action	Date	FR Cite
NPRM	04/04/18	83 FR 14395
Comment Period End.	05/04/18	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Paul Murray, Attorney Advisor, Federal Communications Commission, Office of Engineering and Technology, 445 12th Street SW, Washington, DC 20554, Phone: 202 418-0688, Fax: 202 418-7447, Email: paul.murray@fcc.gov. RIN: 3060-AK80

427. Spectrum Horizon (ET Docket No. 18-21)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 152; 47 U.S.C. 154; 47 U.S.C. 157; 47 U.S.C. 201; 47 U.S.C. 301; 47 U.S.C. 302(a); 47 U.S.C. 303; 47 U.S.C. 307; 47 U.S.C. 310; 47 U.S.C. 332; sec. 76 of 1996 Telecom Act, as amended, 47 U.S.C. 302 and sec. 1.411

Abstract: In this proceeding, the FCC seeks to implement a plan to make the spectrum above 95 GHz more readily accessible for new innovative services and technologies. Throughout its history, when the Commission has expanded access to what was thought to be the upper reaches of the usable spectrum, new technological advances have emerged to push the boundary of usable spectrum even further. The frequencies above 95 GHz are today's spectrum horizons. The Notice sought comment on proposed rules to permit licensed fixed point-to-point operations in a total of 102.2 gigahertz of spectrum; on making 15.2 gigahertz of spectrum available for unlicensed use; and on creating a new category of experimental licenses to increase opportunities for entities to develop new services and technologies from 95 GHz to 3 THz with no limits on geography or technology.

Timetable:

Action	Date	FR Cite
NPRM	04/02/18	83 FR 13888
ANPRM Comment Period End.	05/02/18	
R&O	06/14/19	84 FR 25685
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Michael Ha, Deputy Division Chief, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 201 418-2099, *Email:* michael.ha@fcc.gov.

RIN: 3060-AK81

428. Amendment of Parts 1, 2, 15, 90, and 95 of the Commission's Rules To Permit Radar Services in the 76-81 GHz Band (ET Docket No. 15-26)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 152; 47 U.S.C. 154(i); 47 U.S.C. 301; 47 U.S.C. 302(a); 47 U.S.C. 303(f)

Abstract: In this Report and Order, the FCC establishes a flexible and streamlined regulatory framework for radar applications that will operate within the 76-81 GHz band. Specifically, the FCC give vehicular radars and certain airport-based radars protection from harmful interference as well as a contiguous five gigahertz allocation, facilitating the development and deployment of new safety devices. Doing so also harmonizes FCC rules with international efforts to create a global allocation for vehicular radars, while promoting efficient use of spectrum by consolidating such radars into a single band. In addition, the FCC established a comprehensive and consistent set of rules and policies to govern the operation of vehicular radars and certain airport-based radars in the 76-81 GHz band.

Timetable:

Action	Date	FR Cite
NPRM	03/06/15	80 FR 12120
NPRM Comment Period End.	04/06/15	
R&O	09/20/17	82 FR 43865
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Howard Griboff, Deputy Chief, Policy Division, Federal Communications Commission, International Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-0657, *Fax:* 202 418-2824, *Email:* howard.griboff@fcc.gov.

RIN: 3060-AK82

FEDERAL COMMUNICATIONS COMMISSION (FCC)

International Bureau

Long-Term Actions

429. International Settlements Policy Reform (IB Docket No. 11-80)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 to 152; 47 U.S.C. 154; 47 U.S.C. 201 to 205; 47 U.S.C. 208; 47 U.S.C. 211; 47 U.S.C. 214; 47 U.S.C. 303(r); 47 U.S.C. 309; 47 U.S.C. 403

Abstract: The FCC is reviewing the International Settlements Policy (ISP). It governs the ways U.S. carriers negotiate with foreign carriers for the exchange of international traffic and is the structure by which the Commission has sought to respond to concerns that foreign carriers with market power are able to take advantage of the presence of multiple U.S. carriers serving a particular market. In 2011, the FCC released an NPRM that proposed to further deregulate the international telephony market and enable U.S. consumers to enjoy competitive prices when they make calls to international destinations. First, it proposed to remove the ISP from all international routes except Cuba. Second, the FCC sought comment on a proposal to enable the Commission to better protect U.S. consumers from the effects of anticompetitive conduct by foreign carriers in instances necessitating Commission intervention. In 2012, the FCC adopted a Report and Order that eliminated the ISP on all routes but maintained the nondiscrimination requirement of the ISP on the U.S.-Cuba route and codified it in 47 CFR 63.22(f). In the Report and Order, the FCC also adopted measures to protect U.S. consumers from anticompetitive conduct by foreign carriers. In 2016, the FCC released an FNPRM seeking comment on removing the discrimination requirement on the U.S.-Cuba route.

Timetable:

Action	Date	FR Cite
NPRM	05/13/11	76 FR 42625
NPRM Comment Period End.	09/02/11	
Report and Order	02/15/13	78 FR 11109
FNPRM	03/04/16	81 FR 11500
FNPRM Comment Period End.	04/18/16	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: David Krech, Assoc. Chief, Telecommunications & Analysis

Division, Federal Communications Commission, International Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7443, *Fax:* 202 418-2824, *Email:* david.krech@fcc.gov.

RIN: 3060-AJ77

430. Comprehensive Review of Licensing and Operating Rules for Satellite Services (IB Docket No. 12-267)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154(i); 47 U.S.C. 157(a); 47 U.S.C. 161; 47 U.S.C. 303(c); 47 U.S.C. 303(g); 47 U.S.C. 303(r)

Abstract: The Commission adopted a Notice of Proposed Rulemaking (NPRM) to initiate a comprehensive review of part 25 of the Commission's rules, which governs the licensing and operation of space stations and earth stations. The Commission proposed amendments to modernize the rules to better reflect evolving technology, to eliminate unnecessary technical and information filing requirements, and to reorganize and simplify existing requirements. In the ensuing Report and Order, the Commission adopted most of its proposed changes and revised more than 150 rule provisions. Several proposals raised by commenters in the proceeding, however, were not within the scope of the original NPRM. To address these and other issues, the Commission released a Further Notice of Proposed Rulemaking (FNPRM). The FNPRM proposed additional rule changes to facilitate international coordination of proposed satellite networks, to revise system implementation milestones and the associated bond, and to expand the applicability of routine licensing standards. Following the FNPRM, the Commission issued a Second Report and Order adopting most of its proposals in the FNPNRM. Among other changes, the Commission established a two-step licensing procedure for most geostationary satellite applicants to facilitate international coordination, simplified the satellite development milestones, adopted an escalating bond requirement to discourage speculation, and refined the two-degree orbital spacing policy for most geostationary satellites to protect existing services. In addition, in May 2016, the International Bureau published a Public Notice inviting comment on the appropriate implementation schedule for a Carrier Identification requirement adopted in the first Report and Order in this proceeding. In July 2017, the Commission adopted a waiver of the Carrier Identification requirement for

certain earth stations that cannot be suitably upgraded.
Timetable:

Action	Date	FR Cite
NPRM	11/08/12	77 FR 67172
NPRM Comment Period End.	02/13/13	
Report and Order	02/12/14	79 FR 8308
FNPRM	10/31/14	79 FR 65106
FNPRM Comment Period End.	03/02/15	
Public Notice	05/31/16	81 FR 34301
2nd R&O	08/18/16	81 FR 55316
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.
Agency Contact: Clay DeCell, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-0803, *Email:* clay.decell@fcc.gov.
RIN: 3060-AJ98

431. Update to Parts 2 and 25 Concerning Nongeostationary, Fixed-Satellite Service Systems, and Related Matters: IB Docket No. 16-408

E.O. 13771 Designation: Independent agency.
Legal Authority: 47 U.S.C. 154(i); 47 U.S.C. 303; 47 U.S.C. 316
Abstract: On January 11, 2017, the Commission began a rulemaking to update its rules and policies concerning non-geostationary-satellite orbit (NGSO), fixed-satellite service (FSS) systems and related matters. The proposed changes would, among other things, provide for more flexible use of the 17.8-20.2 GHz bands for FSS, promote shared use of spectrum among NGSO FSS satellite systems, and remove unnecessary design restrictions on NGSO FSS systems. The Commission subsequently adopted a Report and Order establishing new sharing criteria among NGSO FSS systems and providing additional flexibility for FSS spectrum use. The Commission also released a Further Notice of Proposed Rulemaking proposing to remove the domestic coverage requirement for NGSO FSS systems.

Timetable:

Action	Date	FR Cite
NPRM	01/11/17	82 FR 3258
NPRM Comment Period End.	04/10/17	
FNPRM	11/15/17	82 FR 52869
R&O	12/18/17	82 FR 59972
FNPRM Comment Period End.	01/02/18	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.
Agency Contact: Clay DeCell, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-0803, *Email:* clay.decell@fcc.gov.
RIN: 3060-AK59

432. • Amendment of Parts 2 and 25 of the FCC Rules To Facilitate the Use of Earth Stations in Motion Communicating With Geostationary Orbit Space Stations in FSS Bands: IB Docket No. 17-95

E.O. 13771 Designation: Independent agency.
Legal Authority: 47 U.S.C. 154(i); 47 U.S.C. 157(a); 47 U.S.C. 303; 47 U.S.C. 308(b); 47 U.S.C. 316
Abstract: In June 2017, the Commission began a rulemaking to streamline, consolidate, and harmonize rules governing earth stations in motion (ESIMs) used to provide satellite-based services on ships, airplanes and vehicles communicating with geostationary-satellite orbit (GSO), fixed-satellite service (FSS) satellite systems. In September 2018, the Commission adopted rules governing communications of ESIMs with GSO satellites. These rules addressed communications in the conventional C-, Ku-, and Ka-bands, as well as portions of the extended Ku-band. At the same time, the Commission also released a Further Notice of Proposed Rulemaking that sought comment on allowing ESIMs to operate in all of the frequency bands in which earth stations at fixed locations operating in GSO FSS satellite networks can be blanket-licensed. Specifically, comment was sought on expanding the frequencies available for communications of ESIMs with GSO FSS satellites to include the following frequency bands: 10.7-10.95 GHz, 11.2-11.45 GHz, 17.8-18.3 GHz, 18.8-19.3 GHz, 19.3-19.4 GHz, 19.6-19.7 GHz (space-to-Earth); and 28.6-29.1 GHz (Earth-to-space).

Timetable:

Action	Date	FR Cite
NPRM	06/16/17	82 FR 27652
NPRM Comment Period End.	08/30/17	
OMB-approval for Information Collection of R&O Comment Period End.	08/28/18	
FNPRM	02/22/19	84 FR 5654
R&O	03/25/19	84 FR 11090
FNPRM Comment Period End.	04/28/19	

Action	Date	FR Cite
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.
Agency Contact: Cindy Spiers, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-1593, *Email:* cindy.spiers@fcc.gov.
RIN: 3060-AK84

433. • Further Streamlining Part 25 Rules Governing Satellite Services: IB Docket No. 18-314

E.O. 13771 Designation: Independent agency.
Legal Authority: 47 U.S.C. secs. 154(i); 47 U.S.C. 161; 47 U.S.C. 303; 47 U.S.C. 316
Abstract: Under the Commission's rules, satellite operators must follow separate application and authorization processes for the satellites and earth stations that make up their networks and have no option for a single, unified network license. In this Notice of Proposed Rulemaking, the FCC proposes to create a new, optional, unified license to include both space stations and earth stations operating in a geostationary-satellite orbit, fixed-satellite service (GSO FSS) satellite network. In addition, the Commission proposes to repeal or modify unnecessarily burdensome rules in Part 25 governing satellite services, such as annual reporting requirements. These proposals would greatly simplify the Commission's licensing and regulation of satellite systems.

Timetable:

Action	Date	FR Cite
NPRM	01/31/19	84 FR 638
NPRM Comment Period End.	03/18/19	
NPRM Reply Comment Period End.	04/16/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.
Agency Contact: Clay Decell, Attorney Advisor, Federal Communications Commission, 445 12th Street, Washington, DC 20554, *Phone:* 202 418-0803, *Email:* clay.decell@fcc.gov.
RIN: 3060-AK87

434. • Streamlining Licensing Procedures for Small Satellites: IB Docket No. 18-86

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154(i); 47 U.S.C. 157; 47 U.S.C. 158; 47 U.S.C. 301; 47 U.S.C. 303; 47 U.S.C. 308; 47 U.S.C. 309

Abstract: On April 17, 2018, the Commission released a Notice of Proposed Rulemaking (NPRM) proposing to modify the Commission’s part 25 satellite licensing rules to create a new category of application specific to small satellites. The Commission sought comment on criteria that would define this new category and proposed that applicants meeting the criteria could take advantage of a simplified application, faster processing, and lower fees, among other things. The proposed streamlined licensing process was developed based on the features and characteristics that typically distinguish small satellite operations from other types of satellite operations, such as shorter orbital lifetime and less intensive frequency use. The NPRM detailed this small satellite procedure, which would serve as an optional alternative to existing procedures for authorization of small satellites. The NPRM also provided background information on the Commission’s other processes for licensing and authorizing small satellites, including under the experimental (part 5) and amateur (part 97) rules, although no changes were proposed to either of those parts. The NPRM also sought comment on topics related to spectrum use by small satellites. The Commission asked for comment on typical small satellite frequency use characteristics, how to facilitate compatibility with Federal operations, use of particular spectrum for inter-satellite links by small satellites, and other issues related to operations by small satellites in frequency bands. Finally, the NPRM sought comment on the appropriate application fee that would apply to the proposed optional part 25 streamlined process. The Commission proposed a \$30,000 application fee. It noted that any changes to the annual regulatory fees applicable to the small satellites authorized under the streamlined process would be addressed through the separate annual proceeding for review of regulatory fees.

Timetable:

Action	Date	FR Cite
NPRM	04/18/18	83 FR 24064
NPRM Comment Period End.	08/07/18	
R&O (adopted date).	08/01/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Merissa Velez, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–0751, *Email:* merissa.velez@fcc.gov. *RIN:* 3060–AK88

435. • Facilitating the Communications of Earth Stations in Motion With Non-Geostationary Orbit Space Stations: IB Docket No. 18–315

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154(i); 47 U.S.C. 157(a); 47 U.S.C. 303; 47 U.S.C. 308(b); 47 U.S.C. 316

Abstract: In November 2018, the Commission adopted a notice of proposed rulemaking that proposed to expand the scope of the Commission’s rules governing ESIMs operations to cover communications with NGSO FSS satellites. Comment was sought on establishing a regulatory framework for communications of ESIMs with NGSO FSS satellites that would be analogous to that which exists for ESIMs communicating with GSO FSS satellites. In this context, comment was sought on: (1) Allowing ESIMs to communicate in many of the same conventional Ku-band, extended Ku-band, and Ka-band frequencies that were allowed for communications of ESIMs with GSO FSS satellites (with the exception of the 18.6–18.8 GHz and 29.25–29.5 GHz frequency bands); (2) extending blanket licensing to ESIMs communicating with NGSO satellites; and (3) revisions to specific provisions in the Commission’s rules to implement these changes. The specific frequency bands for communications of ESIMs with NGOS FSS satellites on which comment was sought are as follows: 10.7–11.7 GHz; 11.7–12.2 GHz; 14.0–14.5 GHz; 17.8–18.3 GHz; 18.3–18.6 GHz; 18.8–19.3 GHz; 19.3–19.4 GHz; 19.6–19.7 GHz; 19.7–20.2 GHz; 28.35–28.6 GHz; 28.6–29.1 GHz; and 29.5–30.0 GHz.

Timetable:

Action	Date	FR Cite
NPRM	12/28/18	83 FR 67180
NPRM Comment Period End.	03/13/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Cindy Spiers, Attorney Advisor, Federal Communications Commission, 445 12th

Street SW, Washington, DC 20554, *Phone:* 202 418–1593, *Email:* cindy.spiers@fcc.gov.

RIN: 3060–AK89

436. • Mitigation of Orbital Debris in the New Space Age: IB Docket No. 18–313

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154; 47 U.S.C. 157; 47 U.S.C. 301; 47 U.S.C. 302; 47 U.S.C. 303; 47 U.S.C. 307; 47 U.S.C. 308; 47 U.S.C. 309; 47 U.S.C. 310; 47 U.S.C. 319; 47 U.S.C. 332; 47 U.S.C. 336; 47 U.S.C. 605; 47 U.S.C. 721

Abstract: The Commission’s current orbital debris rules were first adopted in 2004. Since then, significant changes have occurred in satellite technologies and market conditions, particularly in Low Earth Orbit, *i.e.*, below 2000 kilometers altitude. These changes include the increasing use of lower cost small satellites and proposals to deploy large constellations of non-geostationary satellite orbit (NGSO) systems, some involving thousands of satellites.

The NPRM proposes changes to improve disclosure of debris mitigation plans. The NPRM also makes proposals and seeks comment related to satellite disposal reliability and methodology, appropriate deployment altitudes in low-Earth-orbit, and on-orbit lifetime, with a particular focus on large NGSO satellite constellations. Other aspects of the NPRM include new rule proposals for geostationary orbit satellite (GSO) license term extension requests, and consideration of disclosure requirements related to several emerging technologies and new types of commercial operations, including rendezvous and proximity operations.

Timetable:

Action	Date	FR Cite
NPRM	02/19/19	84 FR 4742
NPRM Comment Period End.	05/06/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Merissa Velez, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–0751, *Email:* merissa.velez@fcc.gov.

RIN: 3060–AK90

FEDERAL COMMUNICATIONS COMMISSION (FCC)

Media Bureau

Long-Term Actions

437. Cable Television Rate Regulation

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154; 47 U.S.C. 543

Abstract: The Commission has adopted rate regulations to implement section 623 of the 1992 Cable Act to ensure that cable subscribers nationwide enjoy the rates that would be charged by cable systems operating in a competitive environment.

Timetable:

Action	Date	FR Cite
NPRM	01/04/93	58 FR 48
R&O and FNPRM	05/21/93	58 FR 29736
MO&O and FNPRM.	08/18/93	58 FR 43816
Third R&O	11/30/93	58 FR 63087
Order on Recon, Fourth R&O, and Fifth FNPRM.	04/15/94	59 FR 17943
Third Order on Recon.	04/15/94	59 FR 17961
Fifth Order on Recon and FNPRM.	10/13/94	59 FR 51869
Fourth Order on Recon.	10/21/94	59 FR 53113
Sixth Order on Recon, Fifth R&O, and Seventh FNPRM.	12/06/94	59 FR 62614
Seventh Order on Recon.	01/25/95	60 FR 4863
Ninth Order on Recon.	02/27/95	60 FR 10512
Eighth Order on Recon.	03/17/95	60 FR 14373
Sixth R&O and Eleventh Order on Recon.	07/12/95	60 FR 35854
Thirteenth Order on Recon.	10/05/95	60 FR 52106
Twelfth Order on Recon.	10/26/95	60 FR 54815
Tenth Order on Recon.	04/08/96	61 FR 15388
Order on Recon of the First R&O and FNPRM.	04/15/96	61 FR 16447
MO&O	02/12/97	62 FR 6491
Report on Cable Industry Prices.	02/24/97	62 FR 8245
R&O	03/31/97	62 FR 15118
Fourteenth Order on Recon.	10/15/97	62 FR 53572
NPRM and Order Inactive per Maura McGowan.	09/05/02 12/12/11	67 FR 56882
FNPRM and R&O Next Action Undetermined.	11/27/18	83 FR 60804

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Martha Heller, Chief, Policy, Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2120, *Email:* martha.heller@fcc.gov. *RIN:* 3060-AF41

438. Implementation of the Cable Communications Policy Act of 1984 as Amended by the Cable Television Consumer Protection and Competition Act of 1992 (MB Docket No. 05-311)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 541(a)(1); 47 U.S.C. 556(c)

Abstract: Section 621(a)(1) of the Communications Act of 1934, as amended, states in relevant part that “a franchising authority . . . may not unreasonably refuse to award an additional competitive franchise.” This proceeding sought to implement section 621(a)(1)’s directive by examining whether the franchising process unreasonably impedes the achievement of the interrelated Federal goals of enhanced cable competition and accelerated broadband deployment and, if so, how the Commission should act to address that problem. The subsequent Report and Order found that certain actions by local franchising authorities constitute an unreasonable refusal to award a competitive franchise within the meaning of section 621(a)(1). The item included a Further Notice of Proposed Rulemaking (FNPRM) seeking comment on how the findings should affect existing franchises. In the Second Report and Order, a number of the rules promulgated in this docket were extended to incumbent cable operators. The Second FNPRM addressed two issues raised by a remand from the U.S. Court of Appeals for the Sixth Circuit concerning how local franchising authorities may regulate cable operators and cable television services.

Timetable:

Action	Date	FR Cite
NPRM	12/19/05	70 FR 73973
NPRM Comment Period End.	02/13/06	
R&O and FNPRM FNPRM Comment Period End.	03/21/07 04/20/07	72 FR 13230
Second R&O	11/23/07	72 FR 65670
Second FNPRM ..	10/15/18	83 FR 51911
Third R&O (re-lease date). Next Action Undetermined.	08/02/19	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Holly Saurer, Deputy Chief, Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7283, *Fax:* 202 418-1069, *Email:* holly.saurer@fcc.gov. *RIN:* 3060-A169

439. Authorizing Permissive Use of the “Next Generation” Broadcast Television Standard (GN Docket No. 16-142)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 157; 47 U.S.C. 301; 47 U.S.C. 303; 47 U.S.C. 307 to 309; 47 U.S.C. 316; 47 U.S.C. 319; 47 U.S.C. 325(b); 47 U.S.C. 336; 47 U.S.C. 399(b); 47 U.S.C. 403; 47 U.S.C. 534; 47 U.S.C. 535

Abstract: In this proceeding, the Commission seeks to authorize television broadcasters to use the “Next Generation” ATSC 3.0 broadcast television transmission standard on a voluntary, market-driven basis, while they continue to deliver current-generation digital television broadcast service to their viewers. In the Report and Order, the Commission adopted rules to afford broadcasters flexibility to deploy ATSC 3.0-based transmissions, while minimizing the impact on, and costs to, consumers and other industry stakeholders.

The FNPRM sought comment on three topics: (1) Issues related to the local simulcasting requirement, (2) whether to let broadcasters use vacant channels in the broadcast band, and (3) the import of the Next Gen standard on simulcasting stations.

Timetable:

Action	Date	FR Cite
NPRM	03/10/17	82 FR 13285
NPRM Comment Period End.	05/09/17	
FNPRM	12/20/17	82 FR 60350
R&O	02/02/18	83 FR 4998
FNPRM Comment Period End.	02/20/18	
FNPRM Reply Comment Period End. Next Action Undetermined.	03/20/18	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Evan Baranoff, Attorney, Policy Division, Federal Communications Commission, Media Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7142, *Email:* evan.baranoff@fcc.gov.

RIN: 3060-AK56

440. Electronic Delivery of MVPD Communications (MB Docket No. 17-317)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C., sec. 151

Abstract: In this proceeding, the Commission addresses ways to modernize certain notice provisions in part 76 of the Commission's rules governing multichannel video and cable television service. The Commission considers allowing various types of written communications from cable operators to subscribers to be delivered electronically. Additionally, the Commission considers permitting cable operators to reply to consumer requests or complaints by email in certain circumstances. The Commission also evaluates updating the requirement in the Commission's rules that requires broadcast television stations to send carriage election notices via certified mail.

Timetable:

Action	Date	FR Cite
NPRM	01/16/18	83 FR 2119
NPRM Comment Period End.	02/15/18	
R&O and FNPRM (release date). Next Action Undetermined.	07/11/19	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Martha Heller, Chief, Policy, Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2120, *Email:* martha.heller@fcc.gov.

RIN: 3060-AK70

441. 2018 Quadrennial Regulatory Review of the Commission's Broadcast Ownership Rules (MB Docket 18-349)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 152(a); 47 U.S.C. 154(i); 47 U.S.C. 257; 47 U.S.C. 303; 47 U.S.C. 307; 47 U.S.C. 309 and 310; 47 U.S.C. 403; sec. 202(h) of the Telecommunications Act

Abstract: Section 202(h) of the Telecommunications Act of 1996 requires the Commission to review its broadcast ownership rules every 4 years and to determine whether any such rules are necessary in the public interest as the result of competition. The rules subject to review in the 2018 quadrennial review are the Local Radio Ownership Rule, the Local Television Ownership Rule, and the Dual Network

Rule. The Commission also sought comment on potential pro-diversity proposals including extending cable procurement requirements to broadcasters, adopting formulas aimed at creating media ownership limits that promote diversity, and developing a model for market-based, tradeable diversity credits to serve as an alternative method for setting ownership limits.

Timetable:

Action	Date	FR Cite
NPRM (release date). Next Action Undetermined.	12/13/18	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Brendan Holland, Chief, Industry Analysis Division, Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2486, *Email:* brendan.holland@fcc.gov.
RIN: 3060-AK77

442. Children's Television Programming Rules (MB Docket 18-202)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 303; 47 U.S.C. 303b; 47 U.S.C. 307; 47 U.S.C. 336

Abstract: The Children's Television Act (CTA) of 1990 requires that the Commission consider, in its review of television license renewals, the extent to which the licensee has served the educational and informational needs of children through its overall programming, including programming specifically designed to serve such needs. The Commission adopted rules implementing the CTA in 1991 and revised these rules in 1996, 2004, and 2006. In this proceeding, the Commission proposes to revise the children's television programming rules to modify outdated requirements and to give broadcasters greater flexibility in serving the educational and informational needs of children.

Timetable:

Action	Date	FR Cite
NPRM	07/25/18	83 FR 35158
NPRM Comment Period End.	09/28/18	
R&O and FNPRM (release date). Next Action Undetermined.	07/12/19	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Kathy Berthot, Attorney, Policy Division, Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7454, *Email:* kathy.berthot@fcc.gov.
RIN: 3060-AK78

443. Amendment of Part 74 of the Commission's Rules Regarding FM Translator Interference (MB Docket 18-119)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i) and 154(j); 47 U.S.C. 301; 47 U.S.C. 303; 47 U.S.C. 307 to 309; 47 U.S.C. 316; 47 U.S.C. 319

Abstract: In this proceeding, the Commission proposes to streamline the rules relating to interference caused by FM translators and expedite the translator complaint resolution process. The rule changes are intended to limit or avoid protracted and contentious interference resolution disputes, provide translator licensees both additional flexibility to remediate interference and additional investment certainty, and allow earlier and expedited resolution of interference complaints by affected stations.

Timetable:

Action	Date	FR Cite
NPRM	06/06/18	83 FR 26229
NPRM Comment Period End.	07/06/18	
R&O	06/14/19	84 FR 27734
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Christine Goepf, Attorney, Audio Div., Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7834, *Email:* christine.geopp@fcc.gov.
RIN: 3060-AK79

444. Channel Lineup Requirements—Sections 76.1705 and 76.1700(A)(4): Modernization of Media Regulation Initiative: MB Docket Nos. 18-92 and 17-105

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 154(j); 47 U.S.C. 303(r); 47 U.S.C. 521; 47 U.S.C. 544(e)

Abstract: In this proceeding, the Commission considers whether to eliminate rules pertaining to cable operators' channel lineups. The Commission evaluates whether the requirements are unnecessary as channel lineups are readily available to

consumers through a variety of other means. Through this proceeding, the Commission continues the effort to modernize its regulations and reduce unnecessary requirements that can impede competition and innovation in the media marketplace.

Timetable:

Action	Date	FR Cite
NPRM	05/01/18	83 FR 19033
R&O	05/01/19	84 FR 18406
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Kim Matthews, Attorney, Policy Division, Federal Communications Commission, Media Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2154, *Fax:* 202 418-2053, *Email:* kim.matthews@fcc.gov.

RIN: 3060-AK85

445. • Equal Employment Opportunity Enforcement (MB Docket 19-77)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 154(j); 47 U.S.C. 334; 47 U.S.C. 554

Abstract: In this proceeding, the Commission seeks comment on ways in which it can make improvements to equal employment opportunity (EEO) compliance and enforcement.

Timetable:

Action	Date	FR Cite
NPRM (release date). Next Action Undetermined.	06/21/19	

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Radhika Karmarker, Attorney Advisor, TAPD, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-1523, *Email:* radhika.karmarker@fcc.gov.

RIN: 3060-AK86

FEDERAL COMMUNICATIONS COMMISSION (FCC)

Media Bureau

Completed Actions

446. Digital Must-Carry (CS Docket No. 98-120)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 534

Abstract: Section 614(b)(4)(B) of the Communications Act requires that, at the time the Commission prescribes standards for advanced television, it should “initiate a proceeding to establish any changes in the signal carriage requirements of cable television systems necessary to ensure cable carriage of those broadcast signals of local commercial television stations which have been changed to conform with such modified standards.” In August of 1998, the FCC issued a Notice of Proposed Rulemaking seeking comments on the requirements of that section. In June 2000, based on responses to the Notice of Proposed Rulemaking, the Commission clarified that DTV-only television stations, in the context of auctioning analog channels 59-69, will ultimately have must-carry rights. In January of 2001, the Commission issued a First Report and Order and Further Notice of Proposed Rulemaking resolving a number of technical and legal issues, including clarification that digital-only TV stations are entitled to mandatory carriage. In the Second Report and Order and First Order on Reconsideration, adopted in February 2005, the Commission affirmed its tentative conclusion not to impose dual carriage and affirmed its prior determination that broadcasters were entitled to carriage of one digital programming stream. In the Third Report and Order and Third Further Notice of Proposed Rulemaking adopted in September 2007, the Commission addressed issues concerning the carriage of digital broadcast television signals after the conclusion of the digital television transition. The Commission adopted rules to ensure that cable subscribers will continue to be able to view broadcast stations after the transition. In the Fourth Report and Order, the carriage obligations of small cable systems were addressed. In the Fifth Report and Order, the Commission sunset some of the initial rules adopted to accommodate the broadcast DTV transition, based on changes in the marketplace and technology that have occurred since the transition.

The Sixth Report and Order granted certain small cable systems an exemption from the requirement to carry high-definition broadcast signals.

Timetable:

Action	Date	FR Cite
NPRM	08/07/98	63 FR 42330
MO&O and FNPRM.	07/12/00	65 FR 42879
FNPRM	03/26/01	66 FR 16523
First R&O	03/26/01	66 FR 16533

Action	Date	FR Cite
Second R&O and First Order on Recon.	03/22/05	70 FR 14412
Second FNPRM .. Second FNPRM Comment Period End.	06/06/07 07/16/07	72 FR 31244
Third R&O and Third FNPRM.	02/01/08	73 FR 6043
Fourth R&O	10/17/08	73 FR 61742
Declaratory Order	10/29/08	73 FR 64260
Fourth FNPRM FNPRM Comment Period End.	02/26/12 04/12/12	77 FR 9187
Fifth R&O	06/18/12	77 FR 36178
Withdrawn	07/29/19	

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Evan Baranoff, Attorney, Policy Division, Federal Communications Commission, Media Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7142, *Email:* evan.baranoff@fcc.gov.

RIN: 3060-AG91

447. Enhanced and Standardized Disclosure (MM Docket No. 00-168; MB Docket No. 11-189)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154(i); 47 U.S.C. 303; 47 U.S.C. 307; 47 U.S.C. 309; 47 U.S.C. 336

Abstract: This proceeding concerns rules and policies on how commercial television broadcast station licensees provide public interest information to the public. The 2000 NPRM proposed amendments to the public inspection file rules that would standardize the format used for providing public interest information to the public and make information contained in public inspection files available on the internet. The intended effect of this action is to propose rules that would make information regarding how television broadcast stations meet their fundamental public interest obligation to serve the needs and interests of their communities of license easier to understand or more accessible to the public. In the 2008 Report and Order, a standardized form was adopted and a requirement was imposed obligating stations to place a portion of its public inspection file on the internet. In 2011, on reconsideration, the Commission vacated the prior Report and Order and sought comment on proposals intended to make broadcaster information more accessible to the public. Comment was also sought on proposals to streamline the standardized disclosure form. The Second Report and Order modernized the procedures television broadcasters

use to inform the public about how they are serving their communities by establishing a requirement that stations post their public files online in a Commission-hosted database.

Timetable:

Action	Date	FR Cite
NPRM	10/19/00	65 FR 62683
R&O	03/13/08	73 FR 13452
Order on Recon ..	11/17/11	76 FR 71267
FNPRM	11/22/11	76 FR 72144
Notice of Inquiry (NOI).	12/15/11	76 FR 77999
2nd R&O	05/11/12	77 FR 27631
Withdrawn	07/29/19	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Mary Beth Murphy, Chief, Policy Division, Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2132, *Email:* marybeth.murphy@fcc.gov.

RIN: 3060-AH71

448. Digital Television Distributed Transmission System Technologies (MB Docket No. 05-312)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i) to (j); 47 U.S.C. 157; 47 U.S.C. 301; . . .

Abstract: A digital television transmission system (DTS) employs multiple synchronized transmitters spread around a station's service area. Such distributed transmitters fill in unserved areas in the parent station's coverage area. The Notice of Proposed Rulemaking (NPRM) examines issues related to the use of DTS and proposes rules for future DTS operation. The Report and Order adopts the technical and licensing rules necessary to implement DTS service.

Timetable:

Action	Date	FR Cite
NPRM	12/07/05	70 FR 72763
NPRM Comment Period End.	02/06/06	
R&O	12/05/08	73 FR 74047
Withdrawn	07/29/19	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Evan Baranoff, Attorney, Policy Division, Federal Communications Commission, Media Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7142, *Email:* evan.baranoff@fcc.gov.

RIN: 3060-AI68

449. An Inquiry Into the Commission's Policies and Rules Regarding AM Radio Service Directional Antenna Performance Verification (MM Docket No. 93-177)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 303; 47 U.S.C. 308

Abstract: This proceeding is part of a streamlining initiative to simplify the Media Bureau's licensing procedures. The Report and Order in this proceeding simplified traditional proof of performance requirements for directional AM stations. The Second Report and Order further reduces regulatory burdens on AM broadcasters by permitting the use of computer modeling. The Second Further Notice seeks comment on proposals to synchronize rules regarding tower construction near AM antennas.

Timetable:

Action	Date	FR Cite
NPRM	07/27/99	64 FR 40539
R&O	04/25/01	66 FR 20752
FNPRM	04/25/01	66 FR 20779
Second R&O	10/30/08	73 FR 64558
Second FNPRM ..	12/11/08	73 FR 75376
Second FNPRM Comment Period End.	01/12/09	
Withdrawn	07/29/19	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Ann Gallagher, Audio Division, Media Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2716, *Email:* ann.gallagher@fcc.gov.

RIN: 3060-AJ17

FEDERAL COMMUNICATIONS COMMISSION (FCC)

Office of Managing Director

Long-Term Actions

450. Assessment and Collection of Regulatory Fees

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 159
Abstract: Section 9 of the Communications Act of 1934, as amended (47 U.S.C. 159), requires the Federal Communications Commission to recover the cost of its activities by assessing and collecting annual regulatory fees from beneficiaries of the activities.

Timetable:

Action	Date	FR Cite
NPRM	06/06/17	82 FR 26019
R&O	09/22/17	82 FR 44322
NPRM	06/14/18	83 FR 27846
NPRM Comment Period End.	06/21/18	
R&O	09/18/18	83 FR 47079
NPRM	06/05/19	84 FR 26234
NPRM Comment Period End.	06/07/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Roland Helvajian, Office of the Managing Director, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554,

Phone: 202 418-0444, *Email:*

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RIN: 3060-AK64

FEDERAL COMMUNICATIONS COMMISSION (FCC)

Public Safety and Homeland Security Bureau

Long-Term Actions

451. Wireless E911 Location Accuracy Requirements: PS Docket No. 07-114

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 332

Abstract: This rulemaking is related to the proceedings in which the FCC previously acted to improve the quality of all emergency services. Wireless carriers must provide specific automatic location information in connection with 911 emergency calls to Public Safety Answering Points (PSAPs). Wireless licensees must satisfy enhanced 911 location accuracy standards at either a county-based or a PSAP-based geographic level.

Timetable:

Action	Date	FR Cite
NPRM	06/20/07	72 FR 33948
R&O	02/14/08	73 FR 8617
Public Notice	09/25/08	73 FR 55473
FNPRM; NOI	11/02/10	75 FR 67321
Public Notice	11/18/09	74 FR 59539
2nd R&O	11/18/10	75 FR 70604
Second NPRM	08/04/11	76 FR 47114
Second NPRM Comment Period End.	11/02/11	
Final Rule	04/28/11	76 FR 23713
NPRM, 3rd R&O, and 2nd FNPRM.	09/28/11	76 FR 59916
3rd FNPRM	03/28/14	79 FR 17820
Order Extending Comment Period.	06/10/14	79 FR 33163

Action	Date	FR Cite
3rd FNPRM Comment Period End.	07/14/14	
Public Notice (Release Date).	11/20/14	
Public Notice Comment Period End.	12/17/14	
4th R&O	03/04/15	80 FR 11806
Final Rule	08/03/15	80 FR 45897
Order Granting Waiver.	07/10/17	
NPRM	09/26/18	83 FR 54180
4th NPRM	03/18/19	84 FR 13211
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Brenda Boykin, Attorney Advisor, Public Safety and Homeland Security Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2062, *Email:* brenda.boykin@fcc.gov, *RIN:* 3060-AJ52

452. Proposed Amendments to Service Rules Governing Public Safety Narrowband Operations in the 769-775 and 799-805 MHz Bands; PS Docket No. 13-87

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 160; 47 U.S.C. 201; 47 U.S.C. 303; 47 U.S.C. 337(a); 47 U.S.C. 403

Abstract: This proceeding seeks to amend the Commission's rules to promote spectrum efficiency, interoperability, and flexibility in 700 MHz public safety narrowband operations (769-775 and 799-805 MHz).

Timetable:

Action	Date	FR Cite
NPRM	04/19/13	78 FR 23529
Final Rule	12/20/14	79 FR 71321
Final Rule Effective.	01/02/15	
FNPRM	09/29/16	81 FR 65984
Order on Recon ..	09/29/16	81 FR 66830
2nd R&O and Order on Recon.	07/30/18	83 FR 30364
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Brian Marenco, Electronics Engineer, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-0838, *Email:* brian.marenco@fcc.gov, *RIN:* 3060-AK19

453. Improving Outage Reporting for Submarine Cables and Enhancing Submarine Cable Outage Data; GN Docket No. 15-206

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 34 to 39; 47 U.S.C. 301

Abstract: This proceeding takes steps toward assuring the reliability and resiliency of submarine cables, a critical piece of the Nation's communications infrastructure, by proposing to require submarine cable licensees to report to the Commission when outages occur and communications are disrupted. The Commission's intent is to enhance national security and emergency preparedness by these actions.

Timetable:

Action	Date	FR Cite
NPRM (Release Date).	09/17/15	
R&O	06/24/16	81 FR 52354
Petitions for Recon.	09/08/16	
Petitions for Recon—Public Comment.	10/31/16	81 FR 75368
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Brenda Villanueva, Attorney Advisor, Public Safety and Homeland Security Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7005, *Email:* brenda.villanueva@fcc.gov, *RIN:* 3060-AK39

454. Amendments to Part 4 of the Commission's Rules Concerning Disruptions to Communications: PS Docket No. 15-80

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 CFR 0; 47 CFR 4; 47 CFR 63

Abstract: The 2004 Report and Order (R&O) extended the Commission's communication disruptions reporting rules to non-wireline carriers and streamlined reporting through a new electronic template (see docket ET Docket 04-35). In 2015, this proceeding, PS Docket 15-80, was opened to amend the original communications disruption reporting rules from 2004 in order to reflect technology transitions observed throughout the telecommunications sector. The Commission seeks to further study the possibility to share the reporting database information and access with State and other Federal

entities. In May 2016, the Commission released a Report and Order, FNPRM, and Order on Reconsideration (see also Dockets 11-82 and 04-35). The R&O adopted rules to update the part 4 requirements to reflect technology transitions. The FNPRM sought comment on sharing information in the reporting database. Comments and replies were received by the Commission in August and September 2016.

Timetable:

Action	Date	FR Cite
NPRM	06/16/15	80 FR 34321
NPRM Comment Period End.	07/31/15	
FNPRM	07/12/16	81 FR 45095
R&O	07/12/16	81 FR 45055
FNPRM Comment Period End.	09/12/16	
Order Denying Reply Comment Deadline Extension Request.	09/18/16	
Announcement of Effective Date for Rule Changes in R&O.	06/22/17	82 FR 28410
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Robert Finley, Attorney Advisor, Public Safety and Homeland Security Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7835, *Email:* robert.finley@fcc.gov, *RIN:* 3060-AK40

455. New Part 4 of the Commission's Rules Concerning Disruptions to Communications; ET Docket No. 04-35

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154 and 155; 47 U.S.C. 201; 47 U.S.C. 251; 47 U.S.C. 307; 47 U.S.C. 316

Abstract: The proceeding creates a new part 4 in title 47 and amends part 63.100. The proceeding updates the Commission's communication disruptions reporting rules for wireline providers formerly in 47 CFR 63.100 and extends these rules to other non-wireline providers. Through this proceeding, the Commission streamlines the reporting process through an electronic template. The Report and Order received several petitions for reconsideration, of which two were eventually withdrawn. In 2015, seven were addressed in an Order on Reconsideration and in 2016 another petition was addressed in an Order on

Reconsideration. One petition (CPUC Petition) remains pending regarding NORS database sharing with States, which is addressed in a separate proceeding, PS Docket 15–80. To the extent the communication disruption rules cover VoIP, the Commission studies and addresses these questions in a separate docket, PS Docket 11–82.

In May 2016, the Commission released a Report and Order, FNPRM, and Order on Reconsideration (see Dockets 11–82 and 15–80). The Order on Reconsideration addressed outage reporting for events at airports, and the FNPRM sought comment on database sharing. The Commission received comments and replies in August and September 2016.

Timetable:

Action	Date	FR Cite
NPRM	03/26/04	69 FR 15761
R&O	11/26/04	69 FR 68859
Denial for Petition for Partial Stay.	12/02/04	
Seek Comment on Petition for Recon.	02/02/10	
Reply Period End	03/19/10	
Seek Comment on Broadband and Interconnected VOIP Service Providers.	07/02/10	
Reply Period End	08/16/12	
R&O and Order on Recon.	06/16/15	80 FR 34321
FNPRM	07/12/16	81 FR 45095
R&O	07/12/16	81 FR 45055
Order Denying Extension of Time to File Reply Comments.	09/08/16	
Announcement of Effective Date for Rule Changes in R&O.	06/22/17	82 FR 28410
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Robert Finley, Attorney Advisor, Public Safety and Homeland Security Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–7835, *Email:* robert.finley@fcc.gov, *RIN:* 3060–AK41

456. Wireless Emergency Alerts (WEA): PS Docket No. 15–91

E.O. 13771 Designation: Independent agency.

Legal Authority: Pub. L. 109–347, title VI; 47 U.S.C. 151; 47 U.S.C. 154(i)

Abstract: This proceeding was initiated to improve Wireless Emergency Alerts (WEA) messaging, ensure that WEA alerts reach only those individuals to whom they are relevant, and establish an end-to-end testing program based on advancements in technology.

Timetable:

Action	Date	FR Cite
NPRM	11/19/15	80 FR 77289
NPRM Comment Period End.	01/13/16	
NPRM Reply Comment Period End.	02/12/16	
Order	11/01/16	81 FR 75710
FNPRM	11/08/16	81 FR 78539
Comment Period End.	12/08/16	
Petition for Recon	12/19/16	81 FR 91899
Order on Recon ..	12/04/17	82 FR 57158
2nd R&O and 2nd Order on Recon.	02/28/18	83 FR 8619
Public Notice	04/26/18	83 FR 18257
Public Notice Comment Period End.	05/29/18	
Public Notice Reply Comment Period End.	06/11/18	
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Elizabeth Cuttner, Attorney Advisor, Policy and Licensing Div, PSHSB, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–2145, *Email:* elizabeth.cuttner@fcc.gov, *RIN:* 3060–AK54

457. Blue Alert EAS Event Code

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 152; 47 U.S.C. 154(i) and 154(o); 47 U.S.C. 301; 47 U.S.C. 303(r) and (v); 47 U.S.C. 307; 47 U.S.C. 309; 47 U.S.C. 335; 47 U.S.C. 403; 47 U.S.C.544(g); 47 U.S.C. 606 and 615

Abstract: In 2015, Congress adopted the Blue Alert Act to help the States provide effective alerts to the public and law enforcement when police and other law enforcement officers are killed or are in danger. To ensure that these State plans are compatible and integrated throughout the United States as envisioned by the Blue Alert Act, the Blue Alert Coordinator made a series of recommendations in a 2016 Report to Congress. Among these recommendations, the Blue Alert Coordinator identified the need for a dedicated EAS event code for Blue Alerts, and noted the alignment of the

EAS with the implementation of the Blue Alert Act. On June 22, 2017, the FCC released an NPRM proposing to revise the EAS rules to adopt a new event code, which would allow transmission of Blue Alerts to the public over the EAS and thus satisfy the stated need for a dedicated EAS event code. On December 14, 2017, the Commission released an Order adopting a new Blue Alert EAS Code-BLU. EAS participants must be able to implement the BLU code by January 19, 2019. BLU alerts must be available to wireless emergency alerts by July, 2019.

Timetable:

Action	Date	FR Cite
NPRM	06/30/17	82 FR 29811
NPRM Comment Period End.	07/31/17	
NPRM Reply Comment Period End.	08/29/17	
Order	12/14/18	83 FR 2557
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Linda Pintro, Attorney Advisor, Policy and Licensing Division, PSHSB, Federal Communications Commission, 445 12th Street SW, Washington, DC 21043, *Phone:* 202 418–7490, *Email:* linda.pintro@fcc.gov, *RIN:* 3060–AK63

FEDERAL COMMUNICATIONS COMMISSION (FCC)

Wireless Telecommunications Bureau

Long-Term Actions

458. Universal Service Reform Mobility Fund (WT Docket No. 10–208)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 155; 47 U.S.C. 160; 47 U.S.C. 201; 47 U.S.C. 205; 47 U.S.C. 225; 47 U.S.C. 254; 47 U.S.C. 301; 47 U.S.C. 303; 47 U.S.C. 303(c); 47 U.S.C. 303(f); 47 U.S.C. 303(r); 47 U.S.C. 303(y); 47 U.S.C. 309; 47 U.S.C. 310

Abstract: This proceeding establishes the Mobility Fund, which the Commission is implementing in two phases. Mobility Fund Phase I consisted of two reverse auctions that provided initial infusions of funds toward solving persistent gaps in mobile services through targeted, one-time support for the build-out of current and next-generation wireless infrastructure in areas where these services are

unavailable. The Mobility Fund Phase II (MF–II) reverse auction aims to provide support funds over a 10-year term to support build-out of current and next-generation wireless infrastructure in areas where unsubsidized services are unavailable. MF–II began with a one-time collection of existing wireless broadband coverage data from current providers to determine the areas in which qualified service has been deployed, which data was used to create a map of areas presumptively eligible for MF–II support. Entities could challenge asserted unsubsidized 4G LTE coverage through the Mobility Fund Phase II challenge process, and providers may file response data countering challenges. The results of the challenge process will determine the final list of areas eligible for funding through the MF–II auction.

Timetable:

Action	Date	FR Cite
NPRM	10/14/10	75 FR 67060
NPRM Comment Period End.	01/18/11	
R&O	11/29/11	76 FR 73830
FNPRM	12/16/11	76 FR 78384
R&O	12/28/11	76 FR 81562
2nd R&O	07/03/12	77 FR 39435
4th Order on Recon.	08/14/12	77 FR 48453
FNPRM	07/09/14	79 FR 39196
R&O, Declaratory Ruling, Order, MO&O, and 7th Order on Recon.	07/09/14	79 FR 39163
FNPRM Comment Period End.	09/08/14	
R&O	10/07/16	81 FR 69696
FNPRM	10/07/16	81 FR 69772
FNPRM	03/13/17	82 FR 13413
R&O	03/28/17	82 FR 15422
R&O Correction ...	04/04/17	82 FR 16297
Order on Recon and 2nd R&O.	09/08/17	82 FR 42473
2nd Order on Recon.	04/25/18	83 FR 17934
Order and MO&O	08/30/18	83 FR 44241
NPRM	08/30/18	83 FR 44254
3rd R&O	03/06/19	84 FR 8003
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Audra Hale-Maddox, Attorney Advisor, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–2109, *Email:* audra.hale-maddox@fcc.gov.
RIN: 3060–AJ58

459. Improving Spectrum Efficiency Through Flexible Channel Spacing and Bandwidth Utilization for Economic Area-Based 800 MHz Specialized Mobile Radio Licensees (WT Docket Nos. 12–64 and 11–110)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 to 152; 47 U.S.C. 154; 47 U.S.C. 301; 47 U.S.C. 302(a); 47 U.S.C. 303; 47 U.S.C. 307 to 308

Abstract: This proceeding was initiated to allow Economic Area-based 800 MHz SMR licensees in 813.5–824/858.5–869 MHz to exceed the channel spacing and bandwidth limitation in section 90.209 of the Commission’s rules, subject to conditions.

Timetable:

Action	Date	FR Cite
NPRM	03/29/12	77 FR 18991
NPRM Comment Period End.	04/13/12	
R&O	05/24/12	77 FR 33972
Petition for Recon Public Notice.	08/16/12	77 FR 53163
Petition for Recon PN Comment Period End.	09/27/12	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Linda Chang, Associate Chief, Mobility Division, Federal Communications Commission, Wireless Telecommunications Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–1339, *Fax:* 202 418–7447, *Email:* linda.chang@fcc.gov.
RIN: 3060–AJ71

460. Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions (GN Docket No. 12–268)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 309(j)(8)(G); 47 U.S.C. 1452

Abstract: In February 2012, the Middle Class Tax Relief and Job Creation Act was enacted (Pub. L. 112–96, 126 Stat. 156 (2012)). Title VI of that statute, commonly known as the Spectrum Act, provides the Commission with the authority to conduct incentive auctions to meet the growing demand for wireless broadband. Pursuant to the Spectrum Act, the Commission may conduct incentive auctions that will offer new initial spectrum licenses subject to flexible-use service rules on spectrum made available by licensees that voluntarily relinquish some or all of their spectrum usage rights in exchange

for a portion, based on the value of the relinquished rights as determined by an auction, of the proceeds of bidding for the new licenses. In addition to granting the Commission general authority to conduct incentive auctions, the Spectrum Act requires the Commission to conduct an incentive auction of broadcast TV spectrum and sets forth special requirements for such an auction.

The Spectrum Act requires that the incentive auction consist of a reverse auction “to determine the amount of compensation that each broadcast television licensee would accept in return for voluntarily relinquishing some or all of its spectrum usage rights and a forward auction” that would allow mobile broadband providers to bid for licenses in the reallocated spectrum. Broadcast television licensees who elected to voluntarily participate in the auction had three basic options: Voluntarily go off the air, share spectrum, or move channels in exchange for receiving part of the proceeds from auctioning that spectrum to wireless providers.

In June 2014, the Commission adopted a Report and Order that laid out the general framework for the incentive auction. The incentive auction started on March 29, 2016, with the submission of initial commitments by eligible broadcast licensees that had submitted timely and complete applications. The incentive auction officially ended on April 13, 2017, with the release of the Auction Closing and Channel Reassignment Public Notice that also marked the start of the 39-month transition period during which full power and Class A television stations will transition their stations to their post-auction channel assignments in the reorganized television bands. Pursuant to Congress’ directive, the Commission will reimburse those stations for the reasonable costs associated with relocating to their post-auction channel assignments and will reimburse multichannel video programming distributors for their costs associated with continuing to carry the signals of those stations.

The March 2018 Consolidated Appropriations Act (Pub. L. 115–141, 132 Stat. 348 (2018)) authorizes the Commission to reimburse eligible entities for costs associated with the post-incentive auction transition through July 3, 2023, and also directed the Commission to reimburse costs reasonably incurred by low-power television stations, TV translator stations, and FM broadcast stations as a result of the post-auction reorganization of the television band. The Commission

will initiate a new rulemaking to establish eligibility requirements and develop procedures for reimbursing these additional entities, and to identify reasonable costs for reimbursement. The Notice of Proposed Rulemaking and Order was adopted at the Commission's August 2018 meeting. A Report and Order adopting rules for the reimbursement of eligible costs to those newly eligible entities was adopted by the Commission on March 15, 2019.

Timetable:

Action	Date	FR Cite
NPRM	11/21/12	77 FR 69933
R&O	08/15/14	79 FR 48441
Final Rule	10/11/17	82 FR 47155
NPRM	08/27/18	83 FR 43613
R&O	03/26/19	84 FR 11233
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Charles Eberle, Senior Counsel, Incentive Auctions Task Force, Federal Communications Commission, 445 12th Street, Washington, DC 20554, *Phone:* 202 418-2248, *Email:* charles.eberle@fcc.gov.
RIN: 3060-AJ82

461. Amendment of Parts 1, 2, 22, 24, 27, 90, and 95 of the Commission's Rules To Improve Wireless Coverage Through the Use of Signal Boosters (WT Docket No. 10-4)

E.O. 13771 Designation: Independent agency.

Legal Authority: 15 U.S.C. 79; 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 154(j); 47 U.S.C. 155; 47 U.S.C. 157; 47 U.S.C. 225; 47 U.S.C. 227; 47 U.S.C. 303(r)

Abstract: This action adopts new technical, operational, and registration requirements for signal boosters. It creates two classes of signal boosters—consumer and industrial—with distinct regulatory requirements for each, thereby establishing a two-step transition process for equipment certification for both consumer and industrial signal boosters sold and marketed in the United States.

Timetable:

Action	Date	FR Cite
NPRM	05/10/11	76 FR 26983
R&O	04/11/13	78 FR 21555
Petition for Reconsideration.	06/06/13	78 FR 34015
Order on Reconsideration.	11/08/14	79 FR 70790
FNPRM	11/28/14	79 FR 70837
2nd R&O and 2nd FNPRM.	03/23/18	83 FR 17131

Action	Date	FR Cite
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Amanda Huetinck, Attorney Advisor, WTB, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-7090, *Email:* amanda.huetinck@fcc.gov.
RIN: 3060-AJ87

462. Amendment of the Commission's Rules Governing Certain Aviation Ground Station Equipment (Squitter) (WT Docket Nos. 10-61 and 09-42)

E.O. 13771 Designation: Independent agency.

Legal Authority: 48 Stat. 1066, 1082 as amended; 47 U.S.C. 154; 47 U.S.C. 303; 47 U.S.C. 307(e); 47 U.S.C. 151 to 156; 47 U.S.C. 301

Abstract: This action amends part 87 rules to authorize new ground station technologies to promote safety and allow use of frequency 1090 MHz by aeronautical utility mobile stations for airport surface detection equipment (commonly referred to as "squitters") to help reduce collisions between aircraft and airport ground vehicles.

Timetable:

Action	Date	FR Cite
NPRM	04/28/10	75 FR 22352
R&O	03/01/13	78 FR 61023
NPRM (release date).	06/07/19	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Tim Maguire, Electronics Engineer, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2155, *Fax:* 202 418-7247, *Email:* tim.maguire@fcc.gov.
RIN: 3060-AJ88

463. Promoting Technological Solutions To Combat Wireless Contraband Device Use in Correctional Facilities; GN Docket No. 13-111

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 to 152; 47 U.S.C. 154(i); 47 U.S.C. 154(j); 47 U.S.C. 301; 47 U.S.C. 303(a); 47 U.S.C. 303(b); 47 U.S.C. 307 to 310; 47 U.S.C. 332; 47 U.S.C. 302(a)

Abstract: In the Report and Order, the Commission addresses the problem of illegal use of contraband wireless devices by inmates in correctional

facilities by streamlining the process of deploying contraband wireless device interdiction systems (CIS)—systems that use radio communications signals requiring Commission authorization—in correctional facilities. In particular, the Commission eliminates certain filing requirements and provides for immediate approval of the lease applications needed to operate these systems.

In the Further Notice, the Commission seeks comment on a process for wireless providers to disable contraband wireless devices once they have been identified. The Commission also seeks comment on additional methods and technologies that might prove successful in combating contraband device use in correctional facilities, and on various other proposals related to the authorization process for CISs and their deployment.

Timetable:

Action	Date	FR Cite
NPRM	06/18/13	78 FR 36469
NPRM Comment Period End.	08/08/13	
FNPRM	05/18/17	82 FR 22780
R&O	05/18/17	82 FR 22742
Final Rule Effective (Except for Rules Requiring OMB Approval).	06/19/17	
FNPRM Comment Period End.	07/17/17	
Final Rule Effective for 47 CFR 1.9020(n), 1.9030(m), 1.9035(o), and 20.23(a).	10/20/17	82 FR 48773
Final Rule Effective for 47 CFR 1.902(d)(8), 1.9035(d)(4), 20.18(a), and 20.18(r).	02/12/18	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Melissa Conway, Attorney Advisor, Mobility Div., Wireless Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2887, *Email:* melissa.conway@fcc.gov.
RIN: 3060-AK06

464. Promoting Investment in the 3550-3700 MHz Band; GN Docket No. 17-258

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 152; 47 U.S.C. 154(i); 47 U.S.C. 154(j); 47 U.S.C. 302(a); 47 U.S.C. 303 and 304; 47 U.S.C. 307(e); 47 U.S.C. 316

Abstract: The Report and Order and Second Further Notice of Proposed Rulemaking (NPRM) adopted by the Commission established a new Citizens Broadband Radio Service for shared wireless broadband use of the 3550 to 3700 MHz band. The Citizens Broadband Radio Service is governed by a three-tiered spectrum authorization framework to accommodate a variety of commercial uses on a shared basis with incumbent Federal and non-Federal users of the band. Access and operations will be managed by a dynamic spectrum access system. The three tiers are: Incumbent Access, Priority Access, and General Authorized Access. Rules governing the Citizens Broadband Radio Service are found in part 96 of the Commission's rules.

The Order on Reconsideration and Second Report and Order addressed several Petitions for Reconsideration submitted in response to the Report and Order and resolved the outstanding issues raised in the Second Further Notice of Proposed Rulemaking.

The 2017 NPRM sought comment on limited changes to the rules governing Priority Access Licenses in the band, adjacent channel emissions limits, and public release of base station registration information.

Timetable:

Action	Date	FR Cite
NPRM	01/08/13	78 FR 1188
NPRM Comment Period End.	03/19/13	
FNPRM	06/02/14	79 FR 31247
FNPRM Comment Period End.	08/15/14	
R&O and 2nd FNPRM.	06/15/15	80 FR 34119
2nd FNPRM Comment Period End.	08/14/15	
Order on Recon and 2nd R&O.	07/26/16	81 FR 49023
NPRM	11/28/17	82 FR 56193
NPRM Comment Period End.	01/29/18	
R&O	12/07/18	83 FR 6306
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Paul Powell, Assistant Chief, Mobility Division, WTB, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-1613, *Email:* paul.powell@fcc.gov.

RIN: 3060-AK12

465. 800 MHz Cellular Telecommunications Licensing Reform; Docket No. 12-40

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 to 152; 47 U.S.C. 154(i) to 154(j); 47 U.S.C. 301 to 303; 47 U.S.C. 307 to 309; 47 U.S.C. 332

Abstract: The proceeding was launched to revisit and update rules governing the 800 MHz Cellular Radiotelephone Service (Cellular Service). On November 10, 2014, the FCC released a Report and Order (R&O) and Further Notice of Proposed Rulemaking (FNPRM). In the R&O, the FCC eliminated or streamlined numerous regulatory requirements; in the FNPRM, the FCC sought comment on additional reforms of the Cellular rules, including radiated power and other technical rules, to promote flexibility and help foster deployment of new technologies such as LTE. On March 24, 2017, the FCC released a Second Report and Order (2d R&O) and Second Further Notice of Proposed Rulemaking (2d FNPRM). In the 2d R&O, the FCC revised the Cellular radiated power rules to permit compliance with limits based on power spectral density as an option for licensees deploying wideband technologies such as LTE, made conforming revisions to related technical rules, and adopted additional licensing reforms. In the 2d FNPRM, the FCC sought comment on other measures to give Cellular and other Part 22 commercial mobile radio service licensees more flexibility and administrative relief, and on ways to consolidate and simplify the rules for the Cellular Service and other geographically licensed wireless services. On July 13, 2018, the FCC released a Third Report and Order (3d R&O) in which it deleted certain Part 22 rules that imposed needless recordkeeping and reporting obligations; it also deleted certain Cellular Service-specific and Part 22 rules that are duplicative of other rules and are thus no longer necessary. These revisions reduce regulatory burdens for Cellular and other Part 22 licensees and provide them with enhanced flexibility, thereby freeing up more resources for investment in new technologies and greater spectrum efficiency to meet increasing consumer demand for advanced wireless services. On March 22, 2019, the FCC released an Order on Reconsideration addressing a petition for reconsideration of a rule deletion in the 3d R&O. The FCC denied the

petition, thus affirming its decision in the 3d R&O.

Timetable:

Action	Date	FR Cite
NPRM	03/16/12	77 FR 15665
NPRM Comment Period End.	05/15/12	
NPRM Reply Comment Period End.	06/14/12	
R&O	12/05/14	79 FR 72143
FNPRM	12/22/14	79 FR 76268
Final Rule Effective (With 3 Exceptions).	01/05/15	
FNPRM Comment Period End.	01/21/15	
FNPRM Reply Comment Period End.	02/20/15	
2nd R&O	04/12/17	82 FR 17570
2nd FNPRM	04/14/17	82 FR 17959
Final Rule Effective (With 9 Exceptions).	05/12/17	
2nd FNPRM Comment Period End.	05/15/17	
2nd FNPRM Reply Comment Period End.	06/14/17	
3rd R&O	08/02/18	83 FR 37760
Final Rule Effective (With 1 Exception).	09/04/18	
Order on Reconsideration.	04/09/19	84 FR 14080
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Nina Shafran, Attorney Advisor, Wireless Bureau, Mobility Div., Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-2781, *Email:* nina.shafran@fcc.gov. *RIN:* 3060-AK13

466. Updating Part 1 Competitive Bidding Rules (WT Docket No. 14-170)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 303(r); 47 U.S.C. 309(j); 47 U.S.C. 316

Abstract: This proceeding was initiated to revise some of the Commission's general part 1 rules governing competitive bidding for spectrum licenses to reflect changes in the marketplace, including the challenges faced by new entrants, as well as to advance the statutory directive to ensure that small businesses, rural telephone companies, and businesses owned by members of minority groups and women are given the opportunity to participate in the provision of spectrum-based services. In

July 2015, the Commission revised its competitive bidding rules, specifically adopting revised requirements for eligibility for bidding credits, a new rural service provider bidding credit, a prohibition on joint bidding agreements and other changes.

Timetable:

Action	Date	FR Cite
NPRM	11/14/14	79 FR 68172
Public Notice	03/16/15	80 FR 15715
Public Notice	04/23/15	80 FR 22690
R&O	09/18/15	80 FR 56764
Public Notice on Petitions for Re-consideration.	11/10/15	80 FR 69630
Order on Recon ..	To Be Determined	

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: Kelly Quinn, Assistant Chief, Auctions and Spectrum Access Division, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-0660, *Email:* kelly.quinn@fcc.gov, *RIN:* 3060-AK28

467. Use of Spectrum Bands Above 24 GHz for Mobile Services—Spectrum Frontiers: WT Docket 10-112

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 to 154; 47 U.S.C. 157; 47 U.S.C. 160; 47 U.S.C. 201; 47 U.S.C. 225; 47 U.S.C. 227; 47 U.S.C. 301 and 302; 47 U.S.C. 302(a); 47 U.S.C. 303 and 304; 47 U.S.C. 307; 47 U.S.C. 309 and 310; 47 U.S.C. 316; 47 U.S.C. 319; 47 U.S.C. 332; 47 U.S.C. 336; 47 U.S.C. 1302

Abstract: In this proceeding, the Commission adopted service rules for licensing of mobile and other uses for millimeter wave (mmW) bands. These high frequencies previously have been best suited for satellite or fixed microwave applications; however, recent technological breakthroughs have newly enabled advanced mobile services in these bands, notably including very high speed and low latency services. This action will help facilitate Fifth Generation mobile services and other mobile services. In developing service rules for mmW bands, the Commission will facilitate access to spectrum, develop a flexible spectrum policy, and encourage wireless innovation.

Timetable:

Action	Date	FR Cite
NPRM	01/13/16	81 FR 1802
NPRM Comment Period End.	02/26/16	

Action	Date	FR Cite
FNPRM	08/24/16	81 FR 58269
Comment Period End.	09/30/16	
FNPRM Reply Comment Period End.	10/31/16	
R&O	11/14/16	81 FR 79894
R&O	01/02/18	83 FR 37
FNPRM	01/02/18	83 FR 85
FNPRM Comment Period End.	01/23/18	
R&O	07/20/18	83 FR 34478
FNPRM	07/20/18	83 FR 34520
FNPRM Comment Period End.	09/28/18	
R&O	02/05/19	84 FR 1618
R&O	05/01/19	84 FR 18405
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

Agency Contact: John Schauble, Deputy Chief, Broadband Division, Federal Communications Commission, Wireless Telecommunications Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-0797, *Email:* john.schauble@fcc.gov, *RIN:* 3060-AK44

468. Transforming the 2.5 GHz Band

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 to 153; 47 U.S.C. 154(i); 47 U.S.C. 157; 47 U.S.C. 201; 47 U.S.C. 301 and 302; 47 U.S.C. 304; 47 U.S.C. 307 to 310; 47 U.S.C. 1302

Abstract: The 2.5 GHz band (2496–2690 MHz) constitutes the single largest band of contiguous spectrum below 3 GHz and has been identified as prime spectrum for next generation mobile operations, including 5G uses. Significant portions of this band, however, currently lie fallow across approximately one-half of the United States, primarily in rural areas. Moreover, access to the Educational Broadband Service (EBS) has been strictly limited since 1995, and current licensees are subject to a regulatory regime largely unchanged from the days when educational TV was the only use envisioned for this spectrum. The Commission proposes to allow more efficient and effective use of this spectrum band by providing greater flexibility to current EBS licensees as well as providing new opportunities for additional entities to obtain unused 2.5 GHz spectrum to facilitate improved access to next generation wireless broadband, including 5G. The Commission also seeks comment on additional approaches for transforming the 2.5 GHz band, including by moving

directly to an auction for some or all of the spectrum.

Timetable:

Action	Date	FR Cite
NPRM	06/07/18	83 FR 26396
NPRM Comment Period Extended.	06/21/18	83 FR 31515
NPRM Comment Period End.	09/07/18	
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

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469. Expanding Flexible Use of the 3.7 to 4.2 GHz Band: GN Docket No. 18-122

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 to 153; 47 U.S.C. 154(i); 47 U.S.C. 157; 47 U.S.C. 201; 47 U.S.C. 301 to 304; 47 U.S.C. 307 to 310; 47 U.S.C. 1302; . . .

Abstract: In this proceeding, the Commission is pursuing the joint goals of making spectrum available for new wireless uses, while balancing desired speed to the market, efficiency of use, and effectively accommodating incumbent Fixed Satellite Service (FSS) and Fixed Service (FS) operations in the band. To gain a clearer understanding of the operations of current users in the band, the Commission collects information on current FSS uses. The Commission then seeks comment on various proposals for transitioning all or part of the band for flexible use, terrestrial mobile spectrum, with clearing for flexible use beginning at 3.7 GHz and moving higher up in the band as more spectrum is cleared. The Commission also seeks comment on potential changes to the Commission's rules to promote more efficient and intensive fixed use of the band on a shared basis starting in the top segment of the band and moving down the band. To add a mobile, except aeronautical mobile, allocation and to develop rules that would enable the band to be transitioned for more intensive fixed and flexible uses, the Commission encourages commenters to discuss and quantify the costs and benefits associated with any proposed approach along with other helpful technical or procedural details.

Timetable:

Action	Date	FR Cite
NPRM NPRM Comment Period End.	08/29/18 11/27/18	83 FR 44128
Public Notice Certifications and Data Filing Deadline.	05/20/19 05/28/19	84 FR 22733
Public Notice Public Notice Comment Pe- riod End.	06/03/19 07/03/19	84 FR 22514
Public Notice Reply Comment Period End.	07/18/19	
Next Action Unde- termined.		

*Regulatory Flexibility Analysis
Required: Yes.*

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470. • Amendment of the Commission's Rules To Promote Aviation Safety: WT Docket No. 19-140

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154; 47 U.S.C. 303; 307(e)

Abstract: The Federal Communications Commission regulates the Aviation Radio Service, a family of services using dedicated spectrum to enhance the safety of aircraft in flight, facilitate the efficient movement of aircraft both in the air and on the ground, and otherwise ensure the reliability and effectiveness of aviation communications. Recent technological advances have prompted the Commission to open this new rulemaking proceeding to ensure the timely deployment and use of today's state-of-the-art safety-enhancing technologies. With this Notice of Proposed Rulemaking, the Commission proposes changes to its part 87 Aviation Radio Service rules to support the deployment of more advanced avionics technology, increase the efficient use of limited spectrum resources, and generally improve aviation safety.

Timetable:

Action	Date	FR Cite
NPRM NPRM Comment Period End.	07/02/19 09/03/19	84 FR 31542
NPRM Reply Comment Pe- riod End.	09/30/19	

Action	Date	FR Cite
Next Action Unde- termined.		

*Regulatory Flexibility Analysis
Required: Yes.*

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FEDERAL COMMUNICATIONS COMMISSION (FCC)

Wireless Telecommunications Bureau

Completed Actions

471. Review of Part 87 of the Commission's Rules Concerning Aviation (WT Docket No. 01-289)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154; 47 U.S.C. 303; 47 U.S.C. 307(e)

Abstract: This proceeding is intended to streamline, consolidate, and revise our part 87 rules governing the Aviation Radio Service. The rule changes are designed to ensure these rules reflect current technological advances.

Timetable:

Action	Date	FR Cite
NPRM NPRM Comment Period End.	10/16/01 03/14/02	66 FR 64785
R&O and FNPRM FNPRM FNPRM Comment Period End.	10/16/03 04/12/04 07/12/04	69 FR 19140
R&O NPRM NPRM Comment Period End.	06/14/04 12/06/06 03/06/07	69 FR 32577 71 FR 70710
Final Rule 3rd R&O Stay Order 3rd FNPRM R&O Withdrawn	12/06/06 03/29/11 03/29/11 01/30/13 12/12/18 07/29/19	71 FR 70671 76 FR 17347 76 FR 17353 78 FR 6276 83 FR 63806

*Regulatory Flexibility Analysis
Required: Yes.*

Agency Contact: Jeff Tobias, Attorney Advisor, Federal Communications Commission, Wireless Telecommunications Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-1617, *Email:* jeff.tobias@fcc.gov. *RIN:* 3060-AI35

472. Amendment of Part 101 of the Commission's Rules for Microwave Use and Broadcast Auxiliary Service Flexibility

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 152; 47 U.S.C. 154(i) and 157; 47 U.S.C. 160 and 201; 47 U.S.C. 214; 47 U.S.C. 301 to 303; 47 U.S.C. 307 to 310; 47 U.S.C. 319 and 324; 47 U.S.C. 332 and 333

Abstract: In this document, the Commission commences a proceeding to remove regulatory barriers to the use of spectrum for wireless backhaul and other point-to-point and point-to-multipoint communications.

Timetable:

Action	Date	FR Cite
NPRM NPRM Comment Period End.	08/05/10 11/22/10	75 FR 52185
R&O FNPRM FNPRM Comment Period End.	09/27/11 09/27/11 10/25/11	76 FR 59559 76 FR 59614
R&O FNPRM FNPRM Comment Period End.	09/05/12 09/05/12 10/22/12	77 FR 54421 77 FR 54511

*Regulatory Flexibility Analysis
Required: Yes.*

Agency Contact: John Schauble, Deputy Chief, Broadband Division, Federal Communications Commission, Wireless Telecommunications Bureau, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-0797, *Email:* john.schauble@fcc.gov. *RIN:* 3060-AJ47

473. Fixed and Mobile Services in the Mobile Satellite Service Bands at 1525-1559 MHz and 1626.5-1660.5 MHz, 1610-1626.5 MHz and 2483.5-2500 MHz, and 2000-2020 MHz and 2180-2200 MHz

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 154; 47 U.S.C. 303 and 310

Abstract: The Commission proposes steps making additional spectrum available for new investment in mobile broadband networks, while ensuring that the United States maintains robust mobile satellite service capabilities. Mobile broadband is emerging as one of America's most dynamic innovation and economic platforms. Yet tremendous demand growth soon will test the limits of spectrum availability. Some 90 megahertz of spectrum, allocated to the Mobile Satellite Service (MSS) in the 2 GHz band, Big LEO band, and L-band, are potentially available for terrestrial

mobile broadband use. The Commission seeks to remove regulatory barriers to terrestrial use and to promote additional investments, such as those recently made possible by a transaction between Harbinger Capital Partners and SkyTerra Communications, while retaining sufficient market-wide MSS capability. The Commission proposes to add co-primary Fixed and Mobile allocations to the 2 GHz band, consistent with the International Table of Allocations. This allocation modification is a precondition for more flexible licensing of terrestrial services within the band. Second, the Commission proposes to apply the Commission's secondary market policies and rules applicable to terrestrial services to all transactions involving the use of MSS bands for terrestrial services to create greater predictability and regulatory parity with bands licensed for terrestrial mobile broadband service. The Commission also requests comment on further steps we can take to increase the value, utilization, innovation, and investment in MSS spectrum generally.

Timetable:

Action	Date	FR Cite
NPRM	07/15/10	75 FR 49871
NPRM Comment Period End.	09/30/10	
R&O	04/06/11	76 FR 31252

Regulatory Flexibility Analysis

Required: Yes.

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FEDERAL COMMUNICATIONS COMMISSION (FCC)

Wireline Competition Bureau

Long-Term Actions

474. Telecommunications Carriers' Use of Customer Proprietary Network Information and Other Customer Information (CC Docket No. 96-115)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 222; 47 U.S.C. 272; 47 U.S.C. 303(r)

Abstract: The Commission adopted rules implementing the new statutory framework governing carrier use and disclosure of customer proprietary network information (CPNI) created by section 222 of the Communications Act

of 1934, as amended. CPNI includes, among other things, to whom, where, and when a customer places a call, as well as the types of service offerings to which the customer subscribes and the extent to which the service is used.

Timetable:

Action	Date	FR Cite
NPRM	05/28/96	61 FR 26483
Public Notice	02/25/97	62 FR 8414
Second R&O and FNPRM.	04/24/98	63 FR 20364
Order on Recon ..	10/01/99	64 FR 53242
Final Rule, Announcement of Effective Date.	01/26/01	66 FR 7865
Clarification Order and Second NPRM.	09/07/01	66 FR 50140
Third R&O and Third FNPRM.	09/20/02	67 FR 59205
NPRM	03/15/06	71 FR 13317
NPRM	06/08/07	72 FR 31782
Final Rule, Announcement of Effective Date.	06/08/07	72 FR 31948
Public Notice	07/13/12	77 FR 35336
Final Rule	09/21/17	82 FR 44188
Next Action Undetermined.		

Regulatory Flexibility Analysis

Required: Yes.

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475. Numbering Resource Optimization

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154; 47 U.S.C. 201 *et seq.*; 47 U.S.C. 251(e)

Abstract: In 1999, the Commission released the Numbering Resource Optimization Notice of Proposed Rulemaking (Notice) in CC Docket 99-200. The Notice examined and sought comment on several administrative and technical measures aimed at improving the efficiency with which telecommunications numbering resources are used and allocated. It incorporated input from the North American Numbering Council (NANC), a Federal advisory committee, which advises the Commission on issues related to number administration.

In the Numbering Resource Optimization First Report and Order and Further Notice of Proposed Rulemaking (NRO First Report and Order), released on March 31, 2000, the Commission adopted a mandatory

utilization data reporting requirement, a uniform set of categories of numbers for which carriers must report their utilization, and a utilization threshold framework to increase carrier accountability and incentives to use numbers efficiently. In addition, the Commission adopted a single system for allocating numbers in blocks of 1,000, rather than 10,000, wherever possible, and established a plan for national rollout of thousands-block number pooling. The Commission also adopted numbering resource reclamation requirements to ensure that unused numbers are returned to the North American Numbering Plan (NANP) inventory for assignment to other carriers. Also, to encourage better management of numbering resources, carriers are required, to the extent possible, to first assign numbering resources within thousands blocks (a form of sequential numbering).

In the NRO Second Report and Order, the Commission adopted a measure that requires all carriers to use at least 60 percent of their numbering resources before they may get additional numbers in a particular area. That 60 percent utilization threshold increases to 75 percent over the next three years. The Commission also established a 5-year term for the national pooling administrator and an auditing program to verify carrier compliance with the Commission's rules. Furthermore, the Commission declined to amend the existing Federal rules for area code relief or specify any new Federal guidelines for the implementation of area code relief. The Commission also declined to state a preference for either all-services overlays or geographic splits as a method of area code relief. Regarding mandatory nationwide 10-digit dialing, the Commission declined to adopt this measure at the present time. Furthermore, the Commission declined to mandate nationwide expansion of the "D digit" (the "N" of an NXX or central office code) to include zero or one, or to grant State commissions the authority to implement the expansion of the "D" digit as a numbering resource optimization measure presently.

In the NRO Third Report and Order, the Commission addressed national thousands-block number pooling administration issues, including declining to alter the implementation date for covered CMRS carriers to participate in pooling. The Commission also addressed Federal cost recovery for national thousands-block number pooling, and continued to require States to establish cost recovery mechanisms for costs incurred by carriers

participating in pooling trials. The Commission reaffirmed the Months-To-Exhaust (MTE) requirement for carriers. The Commission declined to lower the utilization threshold established in the Second Report and Order, and declined to exempt pooling carriers from the utilization threshold. The Commission also established a safety valve mechanism to allow carriers that do not meet the utilization threshold in a given rate center to obtain additional numbering resources. In the NRO Third Report and Order, the Commission lifted the ban on technology-specific overlays (TSOs) and delegated authority to the Common Carrier Bureau, in consultation with the Wireless Telecommunications Bureau, to resolve any such petitions. Furthermore, the Commission found that carriers who violate its numbering requirements, or fail to cooperate with an auditor conducting either a “for cause” or random audit, should be denied numbering resources in certain instances. The Commission also reaffirmed the 180-day reservation period, declined to impose fees to extend the reservation period, and found that State commissions should be allowed password-protected access to the NANP Administrator database for data pertaining to NPAs located within their State. The measures adopted in the NRO orders will allow the Commission to monitor more closely the way numbering resources are used within the NANP, and will promote more efficient allocation and use of NANP resources by tying a carrier’s ability to obtain numbering resources more closely to its actual need for numbers to serve its customers.

In NRO Third Order on Recon in CC Docket No. 99–200, Third Further Notice of Proposed Rulemaking in CC Docket No. 99–200, and Second Further Notice of Proposed Rulemaking in CC Docket No. 95–116, the Commission reversed its clarification that those requirements extend to all carriers in the largest 100 MSAs, regardless of whether they have received a request from another carrier to provide LNP. The Commission also sought comment on whether the Commission should again extend the LNP requirements to all carriers in the largest 100 MSAs, regardless of whether they receive a request to provide LNP. The Commission also sought comment on whether all carriers in the top 100 MSAs should be required to participate in thousands-block number pooling, regardless of whether they are required to be LNP capable. In addition, the Commission sought comment on

whether all MSAs included in Combined Metropolitan Statistical Areas (CMSAs) on the Census Bureau’s list of the largest 100 MSAs should be included on the Commission’s list of the top 100 MSAs.

In the NRO Fourth Report and Order and Further Notice of Proposed Rulemaking, the Commission reaffirmed that carriers must deploy LNP in switches within the 100 largest Metropolitan Statistical Areas (MSAs) for which another carrier has made a specific request for the provision of LNP. The Commission delegated the authority to State commissions to require carriers operating within the largest 100 MSAs that have not received a specific request for LNP from another carrier to provide LNP, under certain circumstances and on a case-by-case basis. The Commission concluded that all carriers, except those specifically exempted, are required to participate in thousands-block number pooling in accordance with the national rollout schedule, regardless of whether they are required to provide LNP, including commercial mobile radio service (CMRS) providers that were required to deploy LNP as of November 24, 2003. The Commission specifically exempted from the pooling requirement rural telephone companies and Tier III CMRS providers that have not received a request to provide LNP. The Commission also exempted from the pooling requirement carriers that are the only service provider receiving numbering resources in a given rate center. Additionally, the Commission sought further comment on whether these exemptions should be expanded to include carriers where there are only two service providers receiving numbering resources in the rate center. Finally, the Commission reaffirmed that the 100 largest MSAs are identified in the 1990 U.S. Census reports, as well as those areas included on any subsequent U.S. Census report of the 100 largest MSAs.

In the NRO Order and Fifth Further Notice of Proposed Rulemaking, the Commission granted petitions for delegated authority to implement mandatory thousands-block pooling filed by the Public Service Commission of West Virginia, the Nebraska Public Service Commission, the Oklahoma Corporation Commission, the Michigan Public Service Commission, and the Missouri Public Service Commission. In granting these petitions, the Commission permitted these States to optimize numbering resources and further extend the life of the specific numbering plan areas. In the Further Notice of Proposed Rulemaking, the

Commission sought comment on whether it should delegate authority to all States to implement mandatory thousands-block number pooling consistent with the parameters set forth in the NRO Order.

In its 2013 Notice of Proposed Rulemaking, the Commission proposed to allow interconnected Voice over internet Protocol (VOIP) providers to obtain telephone numbers directly from the North American Numbering Plan Administrator and the Pooling Administrator, subject to certain requirements. The Commission also sought comment on a forward-looking approach to numbers for other types of providers and uses, including telematics and public safety, and the benefits and number exhaust risks of granting providers other than interconnected VoIP providers direct access.

In its 2015 Report and Order, the Commission established an authorization process to enable interconnected VoIP providers that choose to obtain access to North American Numbering Plan telephone numbers directly from the North American Numbering Plan Administrator and/or the Pooling Administrator (Numbering Administrators), rather than through intermediaries. The Order also set forth several conditions designed to minimize number exhaust and preserve the integrity of the numbering system. Specifically, the Commission required interconnected VoIP providers obtaining numbers to comply with the same requirements applicable to carriers seeking to obtain numbers. The requirements included any State requirements pursuant to numbering authority delegated to the States by the Commission, as well as industry guidelines and practices, among others. The Commission also required interconnected VoIP providers to comply with facilities readiness requirements adapted to this context, and with numbering utilization and optimization requirements. In addition, as conditions to requesting and obtaining numbers directly from the Numbering Administrators, the Commission required interconnected VoIP providers to (1) provide the relevant State commissions with regulatory and numbering contacts when requesting numbers in those States, (2) request numbers from the Numbering Administrators under their own unique OCN, (3) file any requests for numbers with the relevant State commissions at least 30 days prior to requesting numbers from the Numbering Administrators, and (4) provide customers with the opportunity to

access all abbreviated dialing codes (N11 numbers) in use in a geographic area. Finally, the Order also modified Commission's rules in order to permit VoIP Positioning Center providers to obtain pseudo-Automatic Number Identification codes directly from the Numbering Administrators for purposes of providing E911 services.

Timetable:

Action	Date	FR Cite
NPRM	06/17/99	64 FR 32471
R&O and FNPRM	06/16/00	65 FR 37703
Second R&O and	02/08/01	66 FR 9528
Second FNPRM.		
Third R&O and	02/12/02	67 FR 643
Second Order		
on Recon.		
Third R&O on	04/05/02	67 FR 16347
Recon and		
Third FNPRM.		
Fourth R&O and	07/21/03	68 FR 43003
Fourth NPRM.		
Order and Fifth	03/15/06	71 FR 13393
FNPRM.		
Order	06/19/13	78 FR 36679
NPRM & NOI	06/19/13	78 FR 36725
R&O	10/29/15	80 FR 66454
Next Action Unde-		
termined.		

Regulatory Flexibility Analysis Required: Yes.

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476. Jurisdictional Separations

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i) and 154(j); 47 U.S.C. 205; 47 U.S.C. 221(c); 47 U.S.C. 254; 47 U.S.C. 403; 47 U.S.C. 410

Abstract: Jurisdictional separations is the process, pursuant to part 36 of the Commission's rules, by which incumbent local exchange carriers apportion regulated costs between the intrastate and interstate jurisdictions. In 1997, the Commission initiated a proceeding seeking comment on the extent to which legislative changes, technological changes, and marketplace changes warrant comprehensive reform of the separations process. In 2001, the Commission adopted the Federal-State Joint Board on Jurisdictional Separations' Joint Board's recommendation to impose an interim freeze on the part 36 category relationships and jurisdictional cost allocation factors for a period of 5 years, pending comprehensive reform of the

part 36 separations rules. In 2006, the Commission issued an Order and Further Notice of Proposed Rulemaking that extended the separations freeze for a period of 3 years and sought comment on comprehensive reform. In 2009, the Commission issued a Report and Order extending the separations freeze an additional year to June 2010. In 2010, the Commission issued a Report and Order extending the separations freeze for an additional year to June 2011. In 2011, the Commission adopted a Report and Order extending the separations freeze for an additional year to June 2012. In 2012, the Commission issued a Report and Order extending the separations freeze for an additional 2 years to June 2014. In 2014, the Commission issued a Report and Order extending the separations freeze for an additional 3 years to June 2017.

In 2016, the Commission issued a Report and Order extending the separations freeze for an additional 18 months until January 1, 2018. In 2017, the Joint Board issued a Recommended Decision recommending changes to the part 36 rules designed to harmonize them with the Commission's previous amendments to its part 32 accounting rules. In February 2018, the Commission issued a Notice of Proposed Rulemaking proposing amendments to part 36 consistent with the Joint Board's recommendations. In October 2018, the Commission issued a Report and Order adopting each of the Joint Board's recommendations and amending the Part 36 consistent with those recommendations. In July 2018, the Commission issued a Notice of Proposed Rulemaking proposing to extend the separations freeze for an additional 15 years and to provide rate-of-return carriers that had elected to freeze their category relationships a time limited opportunity to opt out of that freeze. In December 2018, the Commission issued a Report and Order extending the freeze for up to 6 years until December 31, 2024, and granting rate-of-return carriers that had elected to freeze their category relationships a one-time opportunity to opt out of that freeze.

Timetable:

Action	Date	FR Cite
NPRM	11/05/97	62 FR 59842
NPRM Comment	12/10/97	
Period End.		
Order	06/21/01	66 FR 33202
Order and	05/26/06	71 FR 29882
FNPRM.		
Order and	08/22/06	
FNPRM Com-		
ment Period		
End.		

Action	Date	FR Cite
R&O	05/15/09	74 FR 23955
R&O	05/25/10	75 FR 30301
R&O	05/27/11	76 FR 30840
R&O	05/23/12	77 FR 30410
R&O	06/13/14	79 FR 36232
R&O	06/02/17	82 FR 25535
Recommended	10/27/17	
Decision.		
NPRM	03/13/18	83 FR 10817
NPRM Comment	04/27/18	
Period End.		
NPRM	07/27/18	83 FR 35589
NPRM Comment	09/10/18	
Period End.		
R&O	12/11/18	83 FR 63581
R&O	02/15/19	84 FR 4351
Announcement of	03/01/19	84 FR 6977
OMB Approval.		
Next Action Unde-		
termined.		

Regulatory Flexibility Analysis

Required: Yes.

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RIN: 3060-AJ06

477. Service Quality Measurement Plan for Interstate Special Access (WC Docket No. 02-112; CC Docket No. 00-175; WC Docket No. 06-120)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 152; 47 U.S.C. 154(i) and (j); 47 U.S.C. 201 to 204; 47 U.S.C. 214; 47 U.S.C. 220(a); 47 U.S.C. 251 and 252; 47 U.S.C. 272; 47 U.S.C. 303(r)

Abstract: Pursuant to the Communications Act of 1934, as amended, the Commission imposed two information collections as conditions of substantial regulatory relief granted to the Bell Operating Companies (BOCs), including their independent incumbent local exchange carrier affiliates. The first information collection requires the BOCs, including their independent incumbent local exchange carrier (LEC) affiliates, to report special access performance metrics on a quarterly basis. The second information collection required the BOCs, and their independent incumbent LEC affiliates, to provide their residential customers with the total number of long distance telecommunications service minutes they use each month. The second information collection expired in 2011.

On May 4, 2018, USTelecom filed a forbearance petition in which it sought forbearance from, among other things, obligations under section 272 of the Communications Act, including special

access performance metrics reporting requirements for all carriers. See Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. 160(c) to Accelerate Investment in Broadband and Next-Generation Networks, WC Docket No. 18–141 (filed May 4, 2018).

The Commission has sought comment on the USTelecom petition—Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. 160(c) to Accelerate Investment in Broadband and Next-Generation Networks, WC Docket No. 18–141, Order, DA 18–574 (June 1, 2018).

Comments and oppositions were due June 7, 2018, and replies by June 22, 2018 (DA18–475). These dates were extended until August 6, 2018, and September 5, 2018 (DA–18–574). The Commission extended the date by which the petition would be deemed granted in the absence of a Commission decision that the petition fails to meet the standards for forbearance under section 10(a) of the Act by 90 days until August 2, 2019. (DA 19–75).

The Commission terminated these two information collections. See Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. 160(c) to Accelerate Investment in Broadband and Next-Generation Networks, Memorandum Opinion and Order, WC Docket No. 18–141, FCC 19–31 (April 15, 2019).

Timetable:

Action	Date	FR Cite
NPRM	10/02/01	66 FR 50139
NPRM Comment Period End.	11/01/01	
NPRM	05/29/03	68 FR 32007
NPRM Comment Period End.	06/30/03	
R&O	10/12/07	72 FR 58021
NPRM	01/22/13	78 FR 4369
R&O	11/13/13	78 FR 67956
FNPRM	11/13/13	78 FR 68005
FNPRM Comment Period End.	12/20/13	
FNPRM Reply Comment Period End.	01/13/14	
OMB Approval	06/12/14	79 FR 33709
Inactive per Maura McGowan.	03/31/16	
Notice and Request for Comment.	05/16/17	82 FR 22545
Comment Period End.	07/17/17	
OMB Approval	09/06/17	
US Telecom Petition for Forbearance Comment Period End.	08/06/18	

Action	Date	FR Cite
US Telecom Petition for Forbearance Reply Comment Period End. Next Action Undetermined.	09/05/18	

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Heather Hendrickson, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–7295, *Email:* heather.hendrickson@fcc.gov.

RIN: 3060–AJ08

478. Development of Nationwide Broadband Data To Evaluate Reasonable and Timely Deployment of Advanced Services to All Americans

E.O. 13771 Designation: Independent agency.

Legal Authority: 15 U.S.C. 251; 47 U.S.C. 252; 47 U.S.C. 257; 47 U.S.C. 271; 47 U.S.C. 1302; 47 U.S.C. 160(b); 47 U.S.C. 161(a)(2)

Abstract: The Report and Order streamlined and reformed the Commission’s Form 477 Data Program, which is the Commission’s primary tool to collect data on broadband and telephone services.

Timetable:

Action	Date	FR Cite
NPRM	05/16/07	72 FR 27519
Order	07/02/08	73 FR 37861
Order	10/15/08	73 FR 60997
NPRM	02/08/11	76 FR 10827
Order	06/27/13	78 FR 49126
NPRM	08/24/17	82 FR 40118
NPRM Comment Period End.	09/25/17	
NPRM Reply Comment Period End.	10/10/17	
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Suzanne Mendez, Program Analyst, OEA, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–0941, *Email:* suzanne.mendez@fcc.gov.

RIN: 3060–AJ15

479. Local Number Portability Porting Interval and Validation Requirements (WC Docket No. 07–244)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 154(j); 47 U.S.C. 251; 47 U.S.C. 303(r)

Abstract: In 2007, the Commission released a Notice of Proposed Rulemaking in WC Docket No. 07–244. The Notice sought comment on whether the Commission should adopt rules specifying the length of the porting intervals or other details of the porting process. It also tentatively concluded that the Commission should adopt rules reducing the porting interval for wireline-to-wireline and intermodal simple port requests, specifically, to a 48-hour porting interval.

In the Local Number Portability Porting Interval and Validation Requirements First Report and Order and a further Notice of Proposed Rulemaking, released on May 13, 2009, the Commission reduced the porting interval for simple wireline and simple intermodal port requests, requiring all entities subject to its local number portability (LNP) rules to complete simple wireline-to-wireline and simple intermodal port requests within one business day. In a related further Notice of Proposed Rulemaking (NPRM), the Commission sought comment on what further steps, if any, the Commission should take to improve the process of changing providers.

In the LNP Standard Fields Order, released on May 20, 2010, the Commission adopted standardized data fields for simple wireline and intermodal ports. The Order also adopts the NANC’s recommendations for porting process provisioning flows and for counting a business day in the context of number porting.

Timetable:

Action	Date	FR Cite
NPRM	02/21/08	73 FR 9507
R&O and NPRM	07/02/09	74 FR 31630
R&O	06/22/10	75 FR 35305
Public Notice	12/21/11	76 FR 79607
Public Notice	06/06/13	78 FR 34015
R&O	05/26/15	80 FR 29978
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Michelle Sclater, Attorney, Wireline Competition Bureau, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–0388, *Email:* michelle.sclater@fcc.gov.

RIN: 3060–AJ32

480. Rural Call Completion; WC Docket No. 13–39

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 154; 47 U.S.C. 217; 47 U.S.C. 201; 47 U.S.C. 202; 47 U.S.C. 218; 47 U.S.C. 220; 47 U.S.C.

262; 47 U.S.C. 403(b)(2)(B); 47 U.S.C. 251(a); 47 U.S.C. 225; 47 U.S.C. 620; 47 U.S.C. 251; 47 U.S.C. 251(e); 47 U.S.C. 254(k); 47 U.S.C. 616; 47 U.S.C. 226; 47 U.S.C. 227; 47 U.S.C. 228; 47 U.S.C. 1401–1473

Abstract: The Third RCC Order began implementation of the Improving Rural Call Quality and Reliability Act of 2017 (RCC Act), by adopting rules designed to ensure the integrity of our nation’s telephone network and prevent unjust or unreasonable discrimination among areas of the United States in the delivery of telephone service. In particular, the Third RCC Order adopted rules to establish a registry for intermediate providers entities that transmit, but do not originate or terminate, voice calls. The Order requires intermediate providers to register with the Commission before offering to transmit covered voice communications, and requires covered providers entities that select the initial long-distance route for a large number of lines to use only registered intermediate providers to transmit covered voice communications.

The Fourth RCC Order completed the Commission’s implementation of the RCC Act by adopting service quality standards for intermediate providers, as well as an exception to those standards for intermediate providers that qualify for the covered provider safe harbor in our existing rules. The Order also set forth procedures to enforce our intermediate provider requirements. Finally, the Fourth RCC Order adopted provisions to sunset the rural call completion data recording and retention requirements adopted in the First RCC Order one year after the effective date of the new intermediate provider service quality standards.

Timetable:

Action	Date	FR Cite
NPRM	04/12/13	78 FR 21891
Public Notice	05/07/13	78 FR 26572
NPRM Comment Period End.	05/28/13	
R&O and FNPRM PRA 60 Day Notice.	12/17/13	78 FR 76218
	12/30/13	78 FR 79448
FNPRM Comment Period End.	02/18/14	
PRA Comments Due.	03/11/14	
Public Notice	05/06/14	79 FR 25682
Order on Reconsideration.	12/10/14	79 FR 73227
Erratum	01/08/15	80 FR 1007
Public Notice	03/04/15	80 FR 11593
2nd FNPRM	07/27/17	82 FR 34911
2nd FNPRM Comment Period End.	08/28/17	
Reply Comment Period End.	09/25/17	

Action	Date	FR Cite
2nd Order	04/17/18	83 FR 21723
3rd FNPRM	04/17/18	83 FR 21983
3rd FNPRM Comment Period End.	06/04/18	
3rd FNPRM Reply Comment Period End.	06/19/18	
3rd Order	08/13/18	83 FR 47296
4th Order	03/15/19	84 FR 25692
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Zachary Ross, Attorney Advisor, Competition Policy Division, WCB, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418–1033, *Email:* zachary.ross@fcc.gov, *RIN:* 3060–AJ89

481. Rates for Inmate Calling Services; WC Docket No. 12–375

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 and 152; 47 U.S.C. 154(i) and (j); 47 U.S.C. 225; 47 U.S.C. 276; 47 U.S.C. 303(r); 47 CFR 64

Abstract: In the Second Report and Order, the Federal Communications Commission adopted rule changes to ensure that rates for both interstate and intrastate inmate calling services (ICS) are fair, just, and reasonable limits on ancillary service charges imposed by ICS providers. In the Second Report and Order, the Commission set caps on all interstate and intrastate calling rates for ICS, established a tiered rate structure based on the size and type of facility being served, limited the types of ancillary services that ICS providers may charge for and capped the charges for permitted fees, banned flat-rate calling, facilitated access to ICS by people with disabilities by requiring providers to offer free or steeply discounted rates for calls using TTY, and imposed reporting and certification requirements to facilitate continued oversight of the ICS market. In the Third Further Notice portion of the item, the Commission sought comment on ways to promote competition for ICS, video visitation, and rates for international calls, and considered an array of solutions to further address areas of concern in the ICS industry. In an Order on Reconsideration, the Commission amended its rate caps and the definition of “mandatory tax or mandatory fee.”

On June 13, 2017, the D.C. Circuit vacated the rate caps adopted in the Second Report and Order, as well as

reporting requirements related to video visitation. The court held that the Commission lacked jurisdiction over intrastate ICS calls and that the rate caps the Commission adopted for interstate calls were arbitrary and capricious. The court also remanded the Commission’s caps on ancillary fees. On September 26, 2017, the court denied a petition for rehearing en banc. On December 21, 2017, the court issued two separate orders: One vacating the 2016 Order on Reconsideration insofar as it purports to set rate caps on inmate calling services, and one dismissing as moot challenges to the Commission’s First Report and Order on ICS.

Timetable:

Action	Date	FR Cite
NPRM	01/22/13	78 FR 4369
FNPRM	11/13/13	78 FR 68005
R&O	11/13/13	78 FR 67956
FNPRM Comment Period End.	12/20/13	
Announcement of Effective Date.	06/20/14	79 FR 33709
2nd FNPRM	11/21/14	79 FR 69682
2nd FNPRM Comment Period End.	01/15/15	
2nd FNPRM Reply Comment Period End.	01/20/15	
3rd FNPRM	12/18/15	80 FR 79020
2nd R&O	12/18/15	80 FR 79136
3rd FNPRM Comment Period End.	01/19/16	
3rd FNPRM Reply Comment Period End.	02/08/16	
Order on Reconsideration.	09/12/16	81 FR 62818
Announcement of OMB Approval.	03/01/17	82 FR 12182
Correction to Announcement of OMB Approval.	03/08/17	82 FR 12922
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

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482. Comprehensive Review of the Part 32 Uniform System of Accounts (WC Docket No. 14–130)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 201(b); 47 U.S.C. 219 and 220

Abstract: The Commission initiates a rulemaking proceeding to review the Uniform System of Accounts (USOA) to consider ways to minimize the compliance burdens on incumbent local exchange carriers while ensuring that the Agency retains access to the information it needs to fulfill its regulatory duties. In light of the Commission's actions in areas of price cap regulation, universal service reform, and intercarrier compensation reform, the Commission stated that it is likely appropriate to streamline the existing rules even though those reforms may not have eliminated the need for accounting data for some purposes. The Commission's analysis and proposals are divided into three parts. First, the Commission proposes to streamline the USOA accounting rules while preserving their existing structure. Second, the Commission seeks more focused comment on the accounting requirements needed for price cap carriers to address our statutory and regulatory obligations. Third, the Commission seeks comment on several related issues, including state requirements, rate effects, implementation, continuing property records, and legal authority.

On February 23, 2017, the Commission adopted a Report and Order that revised the part 32 USOA to substantially reduce accounting burdens for both price cap and rate-of-return carriers. First, the Order streamlines the USOA for all carriers. In addition, the USOA will be aligned more closely with generally accepted accounting principles, or GAAP. Second, the Order allows price cap carriers to use GAAP for all regulatory accounting purposes as long as they comply with targeted accounting rules, which are designed to mitigate any impact on pole attachment rates. Alternatively, price cap carriers can elect to use GAAP accounting for all purposes other than those associated with pole attachment rates and continue to use the part 32 accounts for pole attachment rates for up to 12 years. Third, the Order addresses several miscellaneous issues, including referral to the Federal-State Joint Board on Separations the issue of examining jurisdictional separations rules in light of the reforms adopted to part 32.

Timetable:

Action	Date	FR Cite
NPRM	09/15/14	79 FR 54942
NPRM Comment Period End.	11/14/14	
NPRM Reply Comment Period End.	12/15/14	

Action	Date	FR Cite
R&O	04/04/17	82 FR 20833
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

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RIN: 3060-AK20

483. Restoring Internet Freedom (WC Docket No. 17-108); Protecting and Promoting the Open Internet (GN Docket No. 14-28)

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i) and (j); 47 U.S.C. 201(b)

Abstract: In December 2017, the Commission adopted the Restoring Internet Freedom Declaratory Ruling, Report and Order, and Order (Restoring Internet Freedom Order), which restored the light-touch regulatory framework under which the internet had grown and thrived for decades by classifying broadband internet access service as an information service. The Restoring Internet Freedom Order ends title II regulation of the internet and returns broadband internet access service to its long-standing classification as an information service; reinstates the determination that mobile broadband internet access service is not a commercial mobile service and returns it to its original classification as a private mobile service; finds that transparency, Internet Service Providers (ISPs) economic incentives, and antitrust and consumer protection laws will protect the openness of the internet, and that title II regulation is unnecessary to do so; and adopts a transparency rule similar to that in the 2010 Open Internet Order, requiring disclosure of network management practices, performance characteristics, and commercial terms of service. Additionally, the transparency rule requires ISPs to disclose any blocking, throttling, paid prioritization, or affiliate prioritization, and eliminates the internet conduct standard and the bright-line conduct rules set forth in the 2015 title II Order.

Timetable:

Action	Date	FR Cite
NPRM	07/01/14	79 FR 37448
NPRM Comment Period End.	07/18/14	

Action	Date	FR Cite
NPRM Reply Comment Period End.	09/15/14	
R&O on Remand, Declaratory Ruling, and Order.	04/13/15	80 FR 19737
NPRM	06/02/17	82 FR 25568
NPRM Comment Period End.	07/03/17	
Declaratory Ruling, R&O, and Order.	02/22/18	83 FR 7852
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

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RIN: 3060-AK21

484. Technology Transitions; GN Docket No. 13-5, WC Docket No. 05-25; Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment; WC Docket No. 17-84

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 214; 47 U.S.C. 251

Abstract: On April 20, 2017, the Commission adopted a Notice of Proposed Rulemaking, Notice of Inquiry, and Request for Comment (Wireline Infrastructure NPRM, NOI, and RFC) seeking input on a number of actions designed to accelerate: (1) The deployment of next-generation networks and services by removing barriers to infrastructure investment at the Federal, State, and local level; (2) the transition from legacy copper networks and services to next-generation fiber-based networks and services; and (3) the reduction of Commission regulations that raise costs and slow, rather than facilitate, broadband deployment.

On November 16, 2017, the Commission adopted a Report and Order (R&O), Declaratory Ruling, and Further Notice of Proposed Rulemaking (Wireline Infrastructure Order) that takes a number of actions and seeks comment on further actions designed to accelerate the deployment of next-generation networks and services through removing barriers to infrastructure investment.

The Wireline Infrastructure Order took a number of actions. First, the Report and Order revised the pole attachment rules to reduce costs for

attachers, reforms the pole access complaint procedures to settle access disputes more swiftly, and increases access to infrastructure for certain types of broadband providers. Second, the Report and Order revised the section 214(a) discontinuance rules and the network change notification rules, including those applicable to copper retirements, to expedite the process for carriers seeking to replace legacy network infrastructure and legacy services with advanced broadband networks and innovative new services. Third, the Report and Order reversed a 2015 ruling that discontinuance authority is required for solely wholesale services to carrier-customers. Fourth, the Declaratory Ruling abandoned the 2014 “functional test” interpretation of when section 214 discontinuance applications are required, bringing added clarity to the section 214(a) discontinuance process for carriers and consumers alike. Finally, the Further Notice of Proposed Rulemaking sought comment on additional potential pole attachment reforms, reforms to the network change disclosure and section 214(a) discontinuance processes, and ways to facilitate rebuilding networks impacted by natural disasters.

On June 7, 2018, the Commission adopted a Second Report and Order (Wireline Infrastructure Second Report and Order) taking further actions designed to expedite the transition from legacy networks and services to next generation networks and advanced services that benefit the American public and to promote broadband deployment by further streamlining the section 214(a) discontinuance rules, network change disclosure processes, and part 68 customer notification process.

The Wireline Infrastructure NPRM, NOI, and RFC sought comment on additional issues not addressed in the November Wireline Infrastructure Order or the June Wireline Infrastructure Second Report and Order. It sought comment on changes to the Commission’s pole attachment rules to: (1) Streamline the timeframe for gaining access to utility poles; (2) reduce charges paid by attachers for work done to make a pole ready for new attachments; and (3) establish a formula for computing the maximum pole attachment rate that may be imposed on an incumbent LEC.

The Wireline Infrastructure NPRM, NOI, and RFC also sought comment on whether the Commission should enact rules, consistent with its authority under section 253 of the Act, to promote the deployment of broadband

infrastructure by preempting State and local laws that inhibit broadband deployment. It also sought comment on whether there are State laws governing the maintenance or retirement of copper facilities that serve as a barrier to deploying next-generation technologies and services that the Commission might seek to preempt.

Previously, in November 2014, the Commission adopted a Notice of Proposed Rulemaking and Declaratory Ruling that: (1) Proposed new backup power rules; (2) proposed new or revised rules for copper retirements and service discontinuances; and (3) adopted a functional test in determining what constitutes a service for purposes of section 214(a) discontinuance review. In August 2015, the Commission adopted a Report and Order, Order on Reconsideration, and Further Notice of Proposed Rulemaking that: (i) Lengthened and revised the copper retirement process; (ii) determined that a carrier must obtain Commission approval before discontinuing a service used as a wholesale input if the carrier’s actions will discontinue service to a carrier-customer’s retail end users; (iii) adopted an interim rule requiring incumbent LECs that seek to discontinue certain TDM-based wholesale services to commit to certain rates, terms, and conditions; (iv) proposed further revisions to the copper retirement discontinuance process; and (v) upheld the November 2014 Declaratory Ruling. In July 2016, the Commission adopted a Second Report and Order, Declaratory Ruling, and Order on Reconsideration that: (i) Adopted a new test for obtaining streamlined treatment when carriers seek Commission authorization to discontinue legacy services in favor of services based on newer technologies; (ii) set forth consumer education requirements for carriers seeking to discontinue legacy services in favor of services based on newer technologies; (iii) allowed notice to customers of discontinuance applications by email; (iv) required carriers to provide notice of discontinuance applications to Tribal entities; (v) made a technical rule change to create a new title for copper retirement notices and certifications; and (vi) harmonized the timeline for competitive LEC discontinuances caused by incumbent LEC network changes.

On August 2, 2018, the Commission adopted a Third Report and Order and Declaratory Ruling (Wireline Infrastructure Third Report and Order) establishing a new framework for the vast majority of pole attachments governed by Federal law by instituting

a one-touch make-ready regime, in which a new attacher may elect to perform all simple work to prepare a pole for new wireline attachments in the communications space. This new framework includes safeguards to promote coordination among parties and ensures that new attachers perform work safely and reliably. The Commission retained its multi-party pole attachment process for attachments that are complex or above the communications space of a pole, but made significant modifications to speed deployment, promote accurate billing, expand the use of self-help for new attachers when attachment deadlines are missed, and reduce the likelihood of coordination failures that lead to unwarranted delays. The Commission also improved its pole attachment rules by codifying and redefining Commission precedent that requires utilities to allow attachers to overlash existing wires, thus maximizing the usable space on the pole; eliminating outdated disparities between the pole attachment rates that incumbent carriers must pay compared to other similarly-situated cable and telecommunications attachers; and clarifying that the Commission will preempt, on an expedited case-by-case basis, State and local laws that inhibit the rebuilding or restoration of broadband infrastructure after a disaster. The Commission also adopted a Declaratory Ruling that interpreted section 253(a) of the Communications Act to prohibit State and local express and *de facto* moratoria on the deployment of telecommunications services or facilities and directed the Wireline Competition and Wireless Telecommunications Bureaus to act promptly on petitions challenging specific alleged moratoria.

Timetable:

Action	Date	FR Cite
NPRM	01/06/15	80 FR 450
NPRM Comment Period End.	02/05/15	
NPRM Reply Comment Period End.	03/09/15	
FNPRM	09/25/15	80 FR 57768
R&O	09/25/15	80 FR 57768
FNPRM Comment Period End.	10/26/15	
FNPRM Reply Comment Period End.	11/24/15	
2nd R&O	09/12/16	81 FR 62632
NPRM	05/16/17	82 FR 224533
NPRM Comment Period End.	06/15/17	

Action	Date	FR Cite
NPRM Reply Comment Period End.	07/17/17	
R&O	12/28/17	82 FR 61520
FNPRM Comment Period End.	01/17/18	
FNPRM Reply Comment Period End.	02/16/18	
2nd R&O	07/09/18	83 FR 31659
3rd R&O	09/14/18	83 FR 46812
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

Agency Contact: Michele Levy Berlove, Special Counsel, Federal Communications Commission, 445 12th Street SW, Washington, DC 20554, *Phone:* 202 418-1477, *Email:* michele.berlove@fcc.gov, *RIN:* 3060-AK32

485. Numbering Policies for Modern Communications, WC Docket No. 13-97

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 153 to 154; 47 U.S.C. 201 to 205; 47 U.S.C. 251; 47 U.S.C. 303(r)

Abstract: This Order establishes a process to authorize interconnected VoIP providers to obtain North American Numbering Plan (NANP) telephone numbers directly from the numbering administrators, rather than through intermediaries. Section 52.15(g)(2)(i) of the Commission’s rules limits access to telephone numbers to entities that demonstrate they are authorized to provide service in the area for which the numbers are being requested. The Commission has interpreted this rule as requiring evidence of either a State certificate of public convenience and necessity (CPCN) or a Commission license. Neither authorization is typically available in practice to interconnected VoIP providers. Thus, as a practical matter, generally only telecommunications carriers are able to provide the proof of authorization required under our rules, and thus able to obtain numbers directly from the numbering administrators. This Order establishes an authorization process to enable interconnected VoIP providers that choose direct access to request numbers directly from the numbering administrators. Next, the Order sets forth several conditions designed to minimize number exhaust and preserve the integrity of the numbering system.

The Order requires interconnected VoIP providers obtaining numbers to comply with the same requirements

applicable to carriers seeking to obtain numbers. These requirements include any State requirements pursuant to numbering authority delegated to the States by the Commission, as well as industry guidelines and practices, among others. The Order also requires interconnected VoIP providers to comply with facilities readiness requirements adapted to this context, and with numbering utilization and optimization requirements. As conditions to requesting and obtaining numbers directly from the numbering administrators, interconnected VoIP providers are also required to: (1) Provide the relevant State commissions with regulatory and numbering contacts when requesting numbers in those states; (2) request numbers from the numbering administrators under their own unique OCN; (3) file any requests for numbers with the relevant State commissions at least 30 days prior to requesting numbers from the numbering administrators; and (4) provide customers with the opportunity to access all abbreviated dialing codes (N11 numbers) in use in a geographic area.

Finally, the Order also modifies Commission’s rules in order to permit VoIP Positioning Center (VPC) providers to obtain pseudo-Automatic Number Identification (p-ANI) codes directly from the numbering administrators for purposes of providing E911 services.

Timetable:

Action	Date	FR Cite
NPRM	06/19/13	78 FR 36725
NPRM Comment Period End.	07/19/13	
R&O	10/29/15	80 FR 66454
Next Action Undetermined.		

Regulatory Flexibility Analysis Required: Yes.

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486. Implementation of the Universal Service Portions of the 1996 Telecommunications Act

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151 *et seq.*

Abstract: The Telecommunications Act of 1996 expanded the traditional goal of universal service to include increased access to both telecommunications and advanced services such as high-speed internet for

all consumers at just, reasonable and affordable rates. The Act established principles for universal service that specifically focused on increasing access to evolving services for consumers living in rural and insular areas, and for consumers with low-incomes. Additional principles called for increased access to high-speed internet in the nation’s schools, libraries, and rural healthcare facilities. The FCC established four programs within the Universal Service Fund to implement the statute: Connect America Fund (formally known as High-Cost Support) for rural areas; Lifeline (for low-income consumers), including initiatives to expand phone service for Native Americans; Schools and Libraries (E-rate); and Rural Healthcare.

The Universal Service Fund is paid for by contributions from telecommunications carriers, including wireline and wireless companies, and interconnected Voice over Internet Protocol (VoIP) providers, including cable companies that provide voice service, based on an assessment on their interstate and international end-user revenues. The Universal Service Administrative Company, or USAC, administers the four programs and collects monies for the Universal Service Fund under the direction of the FCC.

On April 19, 2018, the Commission decided the legacy support issue arising from the ongoing reform and modernization of the universal service fund and intercarrier compensation systems.

On May 29, 2018, the Commission approved additional funding to restore communications networks in Puerto Rico and the Virgin Islands and sought comment on almost \$900 million in long-term funding for network expansion.

On June 25, 2018, the Commission addressed the current funding shortfall in the Rural Healthcare Program by raising the annual program budget cap to \$571 million.

On January 31, 2019, the Commission temporarily waived the E-Rate amortization requirement and proposed to eliminate the requirement.

Timetable:

Action	Date	FR Cite
R&O and FNPRM NPRM Comment Period End.	01/13/17	82 FR 4275
NPRM Reply Comment Period End.	02/13/17	
R&O and Order on Recon.	02/27/17	
Order on Recon ..	03/21/17	82 FR 14466
	05/19/17	82 FR 22901

Action	Date	FR Cite
Order on Recon .. Memorandum, Opinion & Order. Next Action Unde- termined.	06/08/17 06/21/17	82 FR 26653 82 FR 228224

Regulatory Flexibility Analysis Required: Yes.

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RIN: 3060-AK57

487. • Toll Free Assignment Modernization and Toll Free Service Access Codes: WC Docket No. 17-192, CC Docket No. 95-155

E.O. 13771 Designation: Independent agency.

Legal Authority: 47 U.S.C. 151; 47 U.S.C. 154(i); 47 U.S.C. 201(b); 47 U.S.C. 251(e)(1)

Abstract: In this Report and Order (Order), the Federal Communications Commission (FCC) initiates an auction to distribute certain toll free numbers. The numbers to be auctioned will be in the new 833 toll free code for which

there have been multiple, competing requests.

By using an auction, the FCC will ensure that sought-after numbers are awarded to the parties that value them most. In addition, the FCC will reserve certain 833 numbers for distribution to government and non-profit entities that request them for public health and safety purposes. The FCC will study the results of the auction to determine how to best use the mechanism to distribute toll-free numbers equitably and efficiently in the future as well. Revenues from the auction will be used to defray the cost of toll-free numbering administration, reducing the cost of numbering for all users. The Order establishing the toll-free number auction will also authorize and accommodate the use of a secondary market for numbers awarded at auction to further distribute these numbers to the entities that value them most. The Order also adopted several definitional and technical updates to improve clarity and flexibility in toll-free number assignment.

Timetable:

Action	Date	FR Cite
NPRM	10/13/17	82 FR 47669

Action	Date	FR Cite
NPRM Comment Period End.	11/13/17	
Final Rule	10/23/18	83 FR 53377
Next Action Unde- termined.		

Regulatory Flexibility Analysis Required: Yes.

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RIN: 3060-AK91

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