

Federal Communications Commission.  
**Marlene H. Dortch,**  
*Secretary.*

**Rule Changes**

For the reasons discussed in the preamble, the Federal Communications Commission amends 47 CFR part 0 as follows:

**PART 0—COMMISSION ORGANIZATION**

■ 1. The authority citation for part 0 continues to read as follows:

**Authority:** 47 U.S.C. 155, unless otherwise noted.

■ 2. Section 0.467 is amended by revising the last sentence, the table in paragraph (a)(1) and its note, and paragraph (a)(2) to read as follows:

**§ 0.467 Search and review fees.**

(a)(1) \* \* \* The fee is based on the grade level of the employee(s) who conduct(s) the search or review, as specified in the following schedule:

Grade	Hourly fee
GS-1 .....	11.66
GS-2 .....	12.71
GS-3 .....	14.32
GS-4 .....	16.07
GS-5 .....	17.99
GS-6 .....	20.05
GS-7 .....	22.27
GS-8 .....	24.67
GS-9 .....	27.25
GS-10 .....	30.01
GS-11 .....	32.96
GS-12 .....	39.52
GS-13 .....	46.99
GS-14 .....	55.52
GS-15 .....	65.32

**Note:** These fees will be modified periodically to correspond with modifications in the rate of pay approved by Congress.

(2) The fees in paragraph (a)(1) of this section were computed at Step 5 of each grade level based on the General Schedule effective January 2004 and include 20 percent for personnel benefits.

\* \* \* \* \*

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**FEDERAL COMMUNICATIONS COMMISSION**

**47 CFR Part 2**

[ET Docket No. 03-102; FCC 04-20]

**Above 76 GHz**

**AGENCY:** Federal Communications Commission.

**ACTION:** Final rule.

**SUMMARY:** In this document, the Commission reallocated spectrum in the 76-81 GHz frequency band and the frequency bands above 95 GHz to conform the United States Table of Frequency Allocations with recent changes to the International Table of Frequency Allocations maintained by the International Telecommunication Union. In order to protect passive services in the 55.78-56.26 GHz band, the Commission also adopted a limit on the maximum power spectral density that can be delivered to a fixed service transmitter antenna.

**DATES:** Effective April 23, 2004.

**FOR FURTHER INFORMATION CONTACT:** Shameeka Hunt, Office of Engineering and Technology, (202) 418-2062, email: *Shameeka.Hunt@fcc.gov*

**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission's *Report and Order*, ET Docket No. 03-102, FCC 04-20, adopted February 4, 2004, and released February 12, 2004. The full text of this Commission decision is available on the Commission's Internet site at *www.fcc.gov*. It is available for inspection and copying during normal business hours in the FCC Reference Information Center, Room CY-A257, 445 12th Street, SW., Washington, DC 20554. The complete text of this document also may be purchased from the Commission's copy contractor, Qualex International, Room CY-B402, 445 12th Street, SW., Washington, DC 20554. Alternate formats are available to persons with disabilities by contacting Brian Millin at (202) 418-7426 or TTY (202) 418-7365.

**Summary of the Report and Order**

1. In the *Report and Order*, the Commission amended part 2 of the Commission's rules to realign spectrum in the 76-81 GHz frequency band and the frequency bands above 95 GHz to conform the United States Table with international allocation changes made at WRC-2000. The Commission also set a maximum power spectral density limit in the 55.78-56.26 GHz band to protect passive services.

2. Above 76 GHz. The Commission found that implementing the allocation changes from WRC-2000 in these bands was necessary to provide EESS and RAS operations with the flexibility to operate in spectrum suited to meet their needs. This action also promoted consistency between the U.S. Table and the International Table.

3. Regarding the 76-77 GHz band, the Commission recognized that vehicular radar operations in this band may be

able to increase the level of safety on highways and benefit the public. The Commission agreed with commenters that sharing between RAS and SRS and vehicular radar operations was possible. Therefore, the 76-77 GHz band was allocated to the RAS on a primary basis and to the SRS on a secondary basis, as proposed.

4. In addition, the Commission found evidence of potential interference conflicts between the amateur-satellite service and vehicular radar systems. On this basis, it was anticipated that an amateur earth station could either receive interference to its operations or cause interference to a passing vehicular radar device. Therefore, the proposed secondary amateur-satellite allocation for the 76-77 GHz band as not implemented. However, the existing secondary amateur service allocation was retained, noting that the existing secondary amateur service allocation in this band was currently suspended and restricted until technical sharing criteria was developed to address potential sharing problems in this band. The Commission also found that not allowing amateur operations in the 76-77 GHz band was not a significant burden on this service because amateurs typically do not operate at these higher frequencies and they are permitted to operate in the adjacent 77-81 GHz band.

5. Regarding the 77-81 GHz segment, the Commission adopted domestically the RAS and SRS allocations as proposed in the *Notice of Proposed Rule Making* (NPRM), 68 FR 33043, June 3, 2003. Also, the Commission adopted the proposal set forth in the *NPRM* to realign spectrum in the bands above 95 GHz. This realignment would have little impact on the small number of systems that are currently implemented in these bands and no parties filed comments opposing these changes. It was found that potential interference conflicts between allocations or development of technical sharing criteria would be addressed, as appropriate, as future applications are developed or through the development of service rules.

6. Finally, the Commission deleted the seven United States footnotes that were adopted in the *Table Clean-up Order* in DA No. 02-1872, 67 FR 59601, September 23, 2002, for the purpose of maintaining the status quo for the U.S. Table, since the Report and Order adopted the realignment of WRC-2000, these footnotes no longer applied.

7. Maximum Power Density in the Band 55.78-56.26 GHz. The Commission found that the current state of the art output power for fixed systems operating in this spectrum was still several dB less than the power that

would be permitted under the output power limit of  $-28.5$  dB(W/MHz) that was recommended. It was noted that no licenses had been issued for operation in the fixed service in the 55.78–56.26 GHz band and that the Commission had only granted a few experimental licenses in this spectrum. Therefore, to protect EESS from unaccepted interference from fixed and mobile operations, footnote US379 was adopted, which limited the maximum power density delivered to fixed service transmitter antennas to  $-28.5$  dB(W/MHz)

### Final Regulatory Flexibility Analysis

8. As required by the Regulatory Flexibility Act (“RFA”),<sup>1</sup> the Commission incorporated an Initial Regulatory Flexibility Analysis (“IRFA”) in the Notice of Proposed Rulemaking and Order (“NPRM”), ET Docket No. 03–102.<sup>2</sup> The Commission sought written public comments on the proposals in the NPRM, including the IRFA. The Final Regulatory Flexibility Analysis (“FRFA”) in the *Report and Order* conforms to the RFA, as amended by the Contract With America Advancement Act of 1996 (“CWAAA”), Public Law 104–121, 110 Stat. 847 (1996).

9. The RFA directs agencies to provide a description of, and, where feasible, an estimate of the number of small entities that may be affected by the action taken.<sup>3</sup> The RFA generally defines the term “small entity” as

<sup>1</sup> See 5 U.S.C. 603. The RFA, see 5 U.S.C. 601 *et seq.*, has been amended by the Contract With America Advancement Act of 1996, Public Law 104–121, 110 Stat. 847 (1996) (CWAAA). Title II of the CWAAA is the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA).

<sup>2</sup> See *Notice of Proposed Rule Making and Order*, 18 FCC Rcd 8347 (2003).

<sup>3</sup> 5 U.S.C. 603(b)(3).

having the same meaning as the terms “small business,” “small organization,” and “small governmental jurisdiction.”<sup>4</sup> In addition, the term “small business” has the same meaning as the term “small business concern” under the Small Business Act.<sup>5</sup> A small business concern is one that: (1) Is independently owned and operated; (2) is not dominant in its field of operation; and (3) meets any additional criteria established by the Small Business Administration (“SBA”).<sup>6</sup> A small organization is generally “any not-for-profit enterprise which is independently owned and operated and is not dominant in its field.”<sup>7</sup> Nationwide, as of 1992, there were approximately 275,801 small organizations.<sup>8</sup> Finally, “small governmental jurisdiction” generally means “governments of cities, counties, towns, townships, villages, school districts, or special districts, with a population of less than 50,000.”<sup>9</sup>

10. The Commission will send a copy of this Final Regulatory Flexibility Analysis, along with this Report and Order, in a report to be sent to Congress pursuant to the Congressional Review Act, 5 U.S.C. 801(a)(1)(A). In addition, the Commission will send a copy of this

<sup>4</sup> *Id.* 601(6).

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

<sup>6</sup> Small Business Act, 15 U.S.C. 632.

<sup>7</sup> 5 U.S.C. 601(4).

<sup>8</sup> 1992 Economic Census, U.S. Bureau of the Census, Table 6 (special tabulation of data under contract to Office of Advocacy of the U.S. Small Business Administration).

<sup>9</sup> 5 U.S.C. 601(5).

Report and Order, including this FRFA, to the Chief Counsel for Advocacy of the Small Business Administration.

### List of Subjects in 47 CFR Part 2

Radio.

Federal Communications Commission.

**Marlene H. Dortch,**

*Secretary.*

### Rule Changes

■ For the reasons discussed in the preamble, the Federal Communications Commission amends 47 CFR part 2 as follows:

### PART 2—FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS

■ 1. The authority citation for part 2 continues to read as follows:

**Authority:** 47 U.S.C. 154, 302a, 303, and 336, unless otherwise noted.

■ 2. Section 2.106, the Table of Frequency Allocations, is amended as follows:

■ a. Revise pages 79 and 81 through 89 and remove page 90.

■ b. In the list of International Footnotes, remove footnotes 5.563 and 917; remove headings “I: New Numbering Scheme” and “II: Old Numbering Scheme”; and remove Note immediately following the heading “INTERNATIONAL FOOTNOTES.”

■ c. In the list of United States (US) Footnotes, revise footnotes US74, US211, US246, US263, and US342; remove footnotes US369, US371, US372, US373, US374, US375, and US376; and add footnote US379.

The revisions and addition read as follows:

### § 2.106 Table of Frequency Allocations.

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International Table		United States Table		FCC Rule Part(s)
Region 1	Region 2	Federal Government	Non-Federal Government	
50.2-50.4 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	5.340 5.555A 50.4-51.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	50.2-50.4 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	50.4-51.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space)	
51.4-52.6 FIXED MOBILE		G117		
5.547 5.556 52.6-54.25 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)		51.4-52.6 FIXED MOBILE		
5.340 5.556 54.25-55.78 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive)		52.6-54.25 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)		
5.556B 55.78-56.9 EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive)		US246 54.25-55.78 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive)		
5.547 5.557 56.9-57 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive)		55.78-56.9 EARTH EXPLORATION-SATELLITE (passive) FIXED US379 INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive)		
		US263 US353 56.9-57 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE G128 MOBILE 5.558	56.9-57 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE 5.558 SPACE RESEARCH	

International Table		United States Table		FCC Rule Part(s)
Region 1	Region 2	Federal Government	Non-Federal Government	
65-84 GHz (EHF)				
Region 3				
65-66 EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547		65-66 EARTH EXPLORATION-SATELLITE FIXED MOBILE except aeronautical mobile SPACE RESEARCH	65-66 EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH	
66-71 INTER-SATELLITE MOBILE 5.553 5.558 MOBILE-SATELLITE RADIO NAVIGATION RADIO NAVIGATION-SATELLITE		66-71 MOBILE 5.553 5.558 MOBILE-SATELLITE RADIO NAVIGATION RADIO NAVIGATION-SATELLITE	66-71 INTER-SATELLITE MOBILE 5.553 5.558 MOBILE-SATELLITE RADIO NAVIGATION RADIO NAVIGATION-SATELLITE	
5.554		5.554	5.554	
71-74 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)		71-74 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	71-74 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	Fixed Microwave (101)
74-76 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)		74-76 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Space research (space-to-Earth)	74-76 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)	
5.559A 5.561		US387 US389	US387 US389	
76-77.5 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)		76-77.5 RADIO ASTRONOMY RADIOLOCATION Space research (space-to-Earth)	76-77 RADIO ASTRONOMY RADIOLOCATION Amateur Space research (space-to-Earth) US342	RF Devices (15) Amateur (97)

<p>5.149</p>	<p>US342</p>	<p>77-77.5 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)</p>	<p>Amateur (97)</p>
<p>77-5-78 AMATEUR AMATEUR-SATELLITE Radio astronomy Space research (space-to-Earth)</p>	<p>77-5-78 Radio astronomy Space research (space-to-Earth)</p>	<p>US342 77-5-78 AMATEUR AMATEUR-SATELLITE Radio astronomy Space research (space-to-Earth)</p>	<p>Amateur (97)</p>
<p>5.149 78-79 RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth)</p>	<p>US342 78-79 RADIO ASTRONOMY RADIOLOCATION Space research (space-to-Earth)</p>	<p>US342 78-79 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)</p>	<p>Amateur (97)</p>
<p>5.149 5.560 79-81 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)</p>	<p>5.560 US342 79-81 RADIO ASTRONOMY RADIOLOCATION Space research (space-to-Earth)</p>	<p>5.560 US342 79-81 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)</p>	<p>Amateur (97)</p>
<p>5.149 81-84 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth)</p>	<p>US342 81-84 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) Space research (space-to-Earth)</p>	<p>US342 81-84 FIXED FIXED-SATELLITE (Earth-to-space) US297 MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth)</p>	<p>Fixed Microwave (101)</p>

84-116 GHz (EHF)

International Table		United States Table		FCC Rule Part(s)
Region 1	Region 2	Federal Government	Non-Federal Government	
5.149	FIXED FIXED-SATELLITE (Earth-to-space) 5.561B MOBILE RADIO ASTRONOMY	84-86 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY		Fixed Microwave (101)
86-92	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	US342 US388 US389 86-92 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive)		
5.340		US246		
92-94	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	92-94 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION		RF Devices (15) Fixed Microwave (101)
5.149		US342 US388		
94-94.1	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy	94-94.1 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy	94-94.1 RADIOLOCATION Radio astronomy	RF Devices (15)
5.562 5.562A		5.562 5.562A	5.562A	
94.1-95	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	94.1-95 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION		RF Devices (15) Fixed Microwave (101)
5.149		US342 US388		
95-100	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIO NAVIGATION RADIO NAVIGATION-SATELLITE	95-100 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIO NAVIGATION RADIO NAVIGATION-SATELLITE		
5.149 5.554		5.554 US342		

100-102 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	100-102 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) 5.341 US246
102-105 FIXED MOBILE RADIO ASTRONOMY 5.149 5.341	102-105 FIXED MOBILE RADIO ASTRONOMY 5.341 US342
105-109.5 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341	105-109.5 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.341 US342
109.5-111.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	109.5-111.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) 5.341 US246
111.8-114.25 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341	111.8-114.25 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.341 US342
114.25-116 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	114.25-116 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) 5.341 US246

International Table		United States Table		FCC Rule Part(s)
Region 1	Region 2	Federal Government	Non-Federal Government	
116-167 GHz (EHF)				
116-119.98 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive)		116-122.25 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive)		ISM Equipment (18)
5.341				
119.98-122.25 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive)		5.138 5.341 US211		
122.25-123 FIXED INTER-SATELLITE MOBILE 5.558 Amateur		122.25-123 FIXED INTER-SATELLITE MOBILE 5.558 Amateur	122.25-123 FIXED INTER-SATELLITE MOBILE 5.558 Amateur	ISM Equipment (18) Amateur (97)
5.138		5.138	5.138	
123-130 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.562D		123-130 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy		
5.149 5.554		5.554 US211 US342		
130-134 EARTH EXPLORATION-SATELLITE (active) 5.562E FIXED INTER-SATELLITE MOBILE 5.558 RADIO ASTRONOMY		130-134 EARTH EXPLORATION-SATELLITE (active) 5.562E FIXED INTER-SATELLITE MOBILE 5.558 RADIO ASTRONOMY		
5.149 5.562A		5.562A US342		
134-136 AMATEUR AMATEUR-SATELLITE Radio astronomy		134-136 Radio astronomy	134-136 AMATEUR AMATEUR-SATELLITE Radio astronomy	Amateur (97)
136-141 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite		136-141 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	136-141 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	
5.149		US342	US342	



141-148.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	141-148.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION		
5.149	US342		
148.5-151.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	148.5-151.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive)		
5.340	US246		
151.5-155.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	151.5-155.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION		
5.149	US342		
155.5-158.5 EARTH EXPLORATION-SATELLITE (passive) 5.562F FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B	155.5-158.5 EARTH EXPLORATION-SATELLITE (passive) 5.562F FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B		
5.149 5.562G	5.562G US342		
158.5-164 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	158.5-164 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)		
164-167 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	164-167 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive)		
5.340	US211 US246		

International Table		United States Table		FCC Rule Part(s)
Region 1	Region 2	Region 3	Non-Federal Government	
167-174.5 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE 5.558			167-174.5 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE 5.558	
5.149 5.562D			US211 US342	
174.5-174.8 FIXED INTER-SATELLITE MOBILE 5.558			174.5-174.8 FIXED INTER-SATELLITE MOBILE 5.558	
174.8-182 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)			174.8-182 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	
182-185 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)			182-185 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
5.340			US246	
185-190 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)			185-190 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	
190-191.8 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)			190-191.8 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	
5.340			US246	
191.8-200 FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE			191.8-200 FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	
5.149 5.341 5.554			5.341 5.554 US211 US342	
200-209 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)			200-209 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive)	
5.340 5.341 5.563A			5.341 5.563A US246	

209-217 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY	209-217 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY
5.149 5.341	5.341 US342
217-226 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B	217-226 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B
5.149 5.341	5.341 US342
226-231.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	226-231.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)
5.340	US246
231.5-232 FIXED MOBILE Radiolocation	231.5-232 FIXED MOBILE Radiolocation
232-235 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation	232-235 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation
235-238 EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) SPACE RESEARCH (passive)	235-238 EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) SPACE RESEARCH (passive)
5.563A 5.563B	5.563A 5.563B
238-240 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIO NAVIGATION RADIO NAVIGATION-SATELLITE	238-240 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIO NAVIGATION RADIO NAVIGATION-SATELLITE

International Table		United States Table		FCC Rule Part(s)
Region 1	Region 2	Federal Government	Non-Federal Government	
240-1000 GHz (EHF)				
Region 3				
240-241 FIXED MOBILE RADIOLOCATION		240-241 FIXED MOBILE RADIOLOCATION		
241-248 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite		241-248 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	241-248 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	ISM Equipment (18) Amateur (97)
5.138 5.149		5.138 US342	5.138 US342	
248-250 AMATEUR AMATEUR-SATELLITE Radio astronomy		248-250 Radio astronomy	248-250 AMATEUR AMATEUR-SATELLITE Radio astronomy	Amateur (97)
5.149		US342	US342	
250-252 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)		250-252 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive)		
5.340 5.563A		5.563A US246		
252-265 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE		252-265 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE		
5.149 5.554		5.554 US211 US342		
265-275 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY		265-275 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY		
5.149 5.563A		5.563A US342		
275-1000 (Not allocated) 5.565		275-1000 (Not allocated) 5.565		

\* \* \* \* \*  
**United States (US) Footnotes**

\* \* \* \* \*  
 US74 In the bands 25.55–25.67, 73.0–74.6, 406.1–410.0, 608–614, 1400–1427, 1660.5–1670.0, 2690–2700, and 4990–5000 MHz, and in the bands 10.68–10.7, 15.35–15.4, 23.6–24.0, 31.3–31.5, 86–92, 100–102, 109.5–111.8, 114.25–116, 148.5–151.5, 164–167, 200–209, and 250–252 GHz, the radio astronomy service shall be protected from extraband radiation only to the extent that such radiation exceeds the level which would be present if the offending station were operating in compliance with the technical standards or criteria applicable to the service in which it operates. Radio astronomy observations in these bands are

- 13360–13410 kHz
- 25550–25670 kHz
- 37.5–38.25 MHz
- 322–328.6 MHz
- 1330–1400 MHz
- 1610.6–1613.8 MHz
- 1660–1660.5 MHz
- 1668.4–1670 MHz
- 3260–3267 MHz
- 3332–3339 MHz
- 3345.8–3352.5 MHz
- 4825–4835 MHz
- 4950–4990 MHz
- 6650–6675.2 MHz

performed at the locations listed in US311.  
 \* \* \* \* \*  
 US211 In the bands 1670–1690, 5000–5250 MHz and 10.7–11.7, 15.1365–15.35, 15.4–15.7, 22.5–22.55, 24–24.05, 31.0–31.3, 31.8–32.0, 40.5–42.5, 116–122.25, 123–130, 158.5–164, 167–168, 191.8–200, and 252–265 GHz, applicants for airborne or space station assignments are urged to take all practicable steps to protect radio astronomy observations in the adjacent bands from harmful interference; however, US74 applies.  
 \* \* \* \* \*

US246 No station shall be authorized to transmit in the following bands: 73–74.6 MHz, 608–614 MHz, except for medical telemetry equipment,<sup>1</sup> 1400–1427 MHz, 1660.5–1668.4 MHz, 2690–2700 MHz, 4990–

- 14.47–14.5 GHz
- 22.01–22.21 GHz
- 22.21–22.5 GHz
- 22.81–22.86 GHz
- 23.07–23.12 GHz
- 31.2–31.3 GHz
- 36.43–36.5 GHz
- 42.5–43.5 GHz
- 48.94–49.04 GHz
- 76–86 GHz
- 92–94 GHz
- 94.1–100 GHz
- 102–109.5 GHz
- 111.8–114.25 GHz

5000 MHz, 10.68–10.7 GHz, 15.35–15.4 GHz, 23.6–24 GHz, 31.3–31.8 GHz, 50.2–50.4 GHz, 52.6–54.25 GHz, 86–92 GHz, 100–102 GHz, 109.5–111.8 GHz, 114.25–116 GHz, 148.5–151.5 GHz, 164–167 GHz, 182–185 GHz, 190–191.8 GHz, 200–209 GHz, 226–231.5 GHz, 250–252 GHz.  
 \* \* \* \* \*

US263 In the bands 21.2–21.4 GHz, 22.21–22.5 GHz, 36–37 GHz, and 56.26–58.2 GHz, the space research and Earth exploration-satellite services shall not receive protection from the fixed and mobile services operating in accordance with the Table of Frequency Allocations.  
 \* \* \* \* \*

US342 In making assignments to stations of other services to which the bands:

- 128.33–128.59 GHz
- 129.23–129.49 GHz
- 130–134 GHz
- 136–148.5 GHz
- 151.5–158.5 GHz
- 168.59–168.93 GHz
- 171.11–171.45 GHz
- 172.31–172.65 GHz
- 173.52–173.85 GHz
- 195.75–196.15 GHz
- 209–226 GHz
- 241–250 GHz
- 252–275 GHz

are allocated, all practicable steps shall be taken to protect the radio astronomy service from harmful interference. Emissions from spaceborne or airborne stations can be particularly serious sources of interference to the radio astronomy service (see Nos. 4.5 and 4.6 and Article 29 of the ITU Radio Regulations).

\* \* \* \* \*  
 US379 In the band 55.78–56.26 GHz, in order to protect stations in the Earth exploration-satellite service (passive), the maximum power density delivered by a transmitter to the antenna of a fixed service station is limited to –28.5 dB(W/MHz).

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**DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**

**50 CFR Part 679**

[Docket No. 031125292–4061–02; I.D. 031904A]

**Fisheries of the Exclusive Economic Zone Off Alaska; Pollock in Statistical Area 620 of the Gulf of Alaska**

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

**ACTION:** Closure.

**SUMMARY:** NMFS is prohibiting directed fishing for pollock in Statistical Area 620 of the Gulf of Alaska (GOA). This action is necessary to prevent exceeding the B season pollock total allowable catch (TAC) for Statistical Area 620 of the GOA.

in the band 608–614 MHz and shall be coordinated under the requirements found in 47 CFR 95.1119.

**DATES:** Effective 1200 hrs, Alaska local time (A.l.t.), March 21, 2004, through 1200 hrs, A.l.t., August 25, 2004.

**FOR FURTHER INFORMATION CONTACT:** Josh Keaton, 907–586–7228.

**SUPPLEMENTARY INFORMATION:** NMFS manages the groundfish fishery in the GOA exclusive economic zone according to the Fishery Management Plan for Groundfish of the Gulf of Alaska (FMP) prepared by the North Pacific Fishery Management Council under authority of the Magnuson-Stevens Fishery Conservation and Management Act. Regulations governing fishing by U.S. vessels in accordance with the FMP appear at subpart H of 50 CFR part 600 and 50 CFR part 679.

The B season allowance of the pollock TAC in Statistical Area 620 of the GOA is 10,704 metric tons (mt) as established by the final 2004 harvest specifications for groundfish of the GOA (69 FR 9261, February 27, 2004). In accordance with § 679.20(a)(5)(iii)(B) the Administrator, Alaska Region, NMFS (Regional Administrator), hereby increases the B

<sup>1</sup> Medical telemetry equipment shall not cause harmful interference to radio astronomy operations