

*****	*****	*****	*****
157.450	Base	13, 30, 45	PS
158.7225	Base or mobile	44	PP
*****	*****	*****	*****
158.745	do	81	PX
*****	*****	*****	*****
158.790	do	.....	PP
*****	*****	*****	*****
158.805	do	.....	PX
*****	*****	*****	*****
158.850	do	.....	PP
*****	*****	*****	*****
159.465	do	81	PO
159.4725	do	80	PO
163.250	Base	13, 30	PS
166.250	Base or mobile	47	PF
*****	*****	*****	*****
220 to 222	Base or mobile	55	
453.03125	Base or mobile	44, 49, 62, 84	PM
453.0375	do	27, 59, 62, 84	PX
453.04375	do	44, 49, 62, 84	PM
*****	*****	*****	*****
453.08125	Base or mobile	44, 59, 62, 84	PM
453.0875	do	27, 59, 62, 84	PX
453.09375	do	44, 59, 62, 84	PM

*****	*****	*****	*****
453.13125	Base or mobile	44, 59, 62, 84	PM
453.1375	do	27, 59, 62, 84	PX
453.14375	do	44, 59, 62, 84	PM
*****	*****	*****	*****
453.18125	Base or mobile	44, 59, 62	PM
453.1875	do	27, 59, 62	PX
453.19375	do	44, 59, 62	PM
*****	*****	*****	*****
460.050	do		PP
460.05625	do	44	PP
460.0625	do	27	PP
*****	*****	*****	*****
462.9375	do	57	PF
462.950	do	38, 65	PM
*****	*****	*****	*****

(d) *****

(42) This frequency may not be assigned within 161 km (100) miles of New Orleans, La. (coordinates 29°56'53" N and 90°04'10" W).

(62) This frequency is also authorized for use by biomedical telemetry stations. F1B, F1D, F2B, F2D, F3E, G1B, G1D, G2B, G2D, and G3E emissions may be authorized for biomedical transmissions.

(64) Use of this frequency is on a secondary basis, limited to 2 watts output power and subject to the provisions of 90.267(h)(1), (h)(2), (h)(3), and (h)(4).

(66) * * * * *

(i) * * * *

Frequencies base and mobile (megahertz)	Mobile only (MHz)	Channel name
* * * * *	* * * * *	* * * * *
463.06875	468.06875	MED-33
463.075	468.075	MED-4
463.08125	468.08125	MED-41
* * * * *	* * * * *	* * * * *

* * * * *

(79) This frequency will be secondary to marine port operations within 161 km (100 miles) of Los Angeles, Calif. (coordinates 34°03'15" N and 118°14'28" W).

* * * * *

(81) After December 7, 2000 new stations will only be licensed with an authorized bandwidth not to exceed 11.25 kHz. Licensees authorized prior to December 7, 2000 may continue to use bandwidths wider than 11.25 kHz on a co-primary basis until January 1, 2005. After January 1, 2005, all stations operating with an authorized bandwidth greater than 11.25 kHz will be secondary to adjacent channel interoperability operations.

* * * * *

(e) * * * * *

(3) The frequency bands 31.99-32.00 MHz, 33.00-33.01 MHz, 33.99-34.00 MHz, 37.93-38.00 MHz, 39.99-40.00 MHz, and 42.00-42.01 MHz, are available for assignment for developmental operation subject to the provisions of subpart Q of this part.

(4) Frequencies in the 421-430 MHz band are available in the Detroit, Mich., Cleveland, Ohio and Buffalo, N.Y. areas in accordance with the rules in §§ 90.273 through 90.281.

* * * * *

(g) * * * * *

(5) * * * * *

(iv) The following table, along with the antenna height (HAAT) and power (ERP), must be used to determine the minimum separation required between proposed base stations and co-channel public coast stations licensed prior to July 6, 1998 under Part 80 of this chapter. Applicants whose exact ERP or HAAT are not reflected in the table must use the next highest figure shown.

* * * * *

5. Section 90.35 is amended by renumbering the second paragraph (c)(82) as (c)(89), and revising the table in paragraph (b)(3), and paragraphs (c)(14), (20), (21), (89) [as renumbered], (d)(2), (e)(4), and (g), to read as follows:

§ 90.35 Industrial/Business Pool.

* * * * *

(b) * * * * *

(3) *Frequencies.* * * *

INDUSTRIAL/BUSINESS POOL FREQUENCY TABLE

Frequency or band	Class of station(s)	Limitations	Coordinator
* * * * *	* * * * *	* * * * *	* * * * *
27.555	Base or mobile	89.	
27.615	do	89.	
27.635	do	89.	
27.655	do	89.	
27.765	do	89.	
27.86	do	82.	
29.71	do		
* * * * *	* * * * *	* * * * *	* * * * *
33.12	Mobile	11.	
* * * * *	* * * * *	* * * * *	* * * * *
35.44	do		
35.48	do		
35.52	do		
* * * * *	* * * * *	* * * * *	* * * * *
151.895	do		
* * * * *	* * * * *	* * * * *	* * * * *

151.955	do		
*****	*****	*****	*****
158.1225	do	33.	IW
*****	*****	*****	*****
173.250	Base or mobile		IP, IW
*****	*****	*****	*****
173.300	Base or mobile		IP, IW
*****	*****	*****	*****
173.350	Base or mobile		
*****	*****	*****	*****
220 to 222	Base or mobile		
*****	*****	*****	*****
451.01875	Base or mobile	33.	IW
*****	*****	*****	*****
462.9375	Mobile	88.	
*****	*****	*****	*****
464.575	do	62.	
*****	*****	*****	*****

(c) *****

(14) Operation on this frequency is limited to a maximum output power of 1 watt and each station authorized will be classified and licensed as a mobile station. Any units of such a station, however, may provide the operational functions of a base or fixed station on a secondary basis to mobile service operations, provided that the separation between the control point and the center of the radiating portion of the antenna of any units so used does not exceed 8m (25 ft.).

(20) In the State of Alaska only, the frequency 44.10 MHz is available for assignment on a primary basis to stations in the Common Carrier Rural Radio Service utilizing meteor burst

communications. The frequency may be used by private radio stations for meteor burst communications on a secondary, non-interference basis. Usage shall be in accordance with parts 22 and 90 of this chapter. Stations utilizing meteor burst communications shall not cause harmful interference to stations of other radio services operating in accordance with the allocation table.

(21) In the State of Alaska only, the frequency 44.20 MHz is available for assignment on a primary basis to private land mobile radio stations utilizing meteor burst communications. The frequency may be used by common carrier stations for meteor burst communications on a secondary, non-interference basis. Usage shall be in accordance with parts 22 and 90 of this chapter. Stations utilizing meteor burst communications shall not cause harmful interference to stations of other radio services operating in accordance with the allocation table.

* * * * *

(89) This frequency may be assigned only to entities meeting the definition of a forest product licensee (see § 90.7). Operations are on a secondary basis to Federal Government operations including experimental stations, will not exceed 150 watts output power, and are limited to the states of Washington, Oregon, Maine, North Carolina, South Carolina, Tennessee, Georgia, Florida, Alabama, Mississippi, Louisiana, and Texas (eastern portion).

* * * * *

(d) * * * * *

(2) Frequencies in the band 73.0-74.6 MHz may be assigned to stations authorized on or before December 1, 1961, but no new stations will be authorized in this band, nor will expansion of existing systems be permitted. (See also § 90.257).

* * * * *

(e) * * * * *

(4) Authorizations for multiple frequencies for geophysical operations will be granted on the frequencies governed by the limitations in paragraphs (c)(3) and (c)(4) of this section. However, each geophysical exploration party may use a maximum of four frequencies at any one time.

* * * * *

(g) The frequencies 10-490 kHz are used to operate electric utility Power Line Carrier (PLC) systems on power transmission lines for communications essential to the reliability and security of electric service to the public, in accordance with part 15 of this chapter. Any electric utility that generates, transmits, or distributes electrical energy for use by the general public or by the members of a cooperative organization may operate PLC systems and shall supply to a Federal Communications Commission/National Telecommunications and Information Administration recognized industry-operated entity, information on all existing, changes to existing, and proposed systems for inclusion in a data base. Such information shall include the frequency, power, location of transmitter(s), location of receivers and other technical and operational parameters, which would characterize the system's potential both to interfere with authorized radio users, and to receive harmful interference from these users. In an agreed upon format, the industry-operated entity shall inform the FCC and the NTIA of these system characteristics prior to implementation of any proposed PLC system and shall provide monthly or periodic lists with supplements of PLC systems. The FCC and NTIA will supply appropriate application

and licensing information to the notification activity regarding authorized radio stations operating in the band. PLC systems in this band operate on a non-interference basis to radio systems assigned frequencies by the NTIA or licensed by the FCC and are not protected from interference due to these radio operations.

6. Section 90.103 is amended by revising the table in paragraph (b), and paragraphs (c)(2), (6), (7), and (21) to read as follows:

§ 90.103 Radiolocation Service.

* * * * *

(b) * * *

Frequency or band	Class of station(s)	Limitation
* * * * *	* * * * *	* * * * *
1750 to 1800	do	5, 6
* * * * *	* * * * *	* * * * *

(c) * * * * *

(2) This frequency band is shared with and stations operating in this frequency band in this service are on a secondary basis to the LORAN Navigation System; all operations are limited to radiolocation land stations in accordance with footnote US104, §2.106 of this chapter.

* * * * *

(6) Because of the operation of stations having priority on the same or adjacent frequencies in this or in other countries, frequency assignments in this band may either be unavailable or may be subject to certain technical or operational limitations. Therefore, applications for frequency assignments in this band shall include information concerning the transmitter output power, the type and directional characteristics of the antenna and the minimum hours of operation (GMT).

(7) [Reserved]

* * * * *

(21) Non-Government radiolocation stations in the band are secondary to the Government Radiolocation Service, the Amateur Radio Service and the Amateur-Satellite Service. Pulse-ranging radiolocation stations in this band may be authorized along the shorelines of Alaska and the contiguous 48 states. Radiolocation stations using spread spectrum techniques may be authorized in the band 420-435 MHz for operation within the contiguous 48 states and Alaska. Also, stations using spread spectrum techniques shall be limited to a maximum output power of 50 watts, shall be subject to the applicable technical standards in §90.209 until such time as more definitive standards are adopted by the Commission and shall identify in accordance with § 90.425(c)(2). Authorizations will be granted on a case-by-case basis; however, operations proposed to be located within the zones set forth in footnote US217, §2.106 of this chapter should not expect to be accommodated.

* * * * *

7. Section 90.129 is amended by revising paragraph (i) by to read as follows:

§ 90.129 Supplemental information to be routinely submitted with applications.

* * * * *

(i) Showings required in connection with the use of frequencies as specified in subpart S of this chapter.

* * * * *

8. Section 90.138 is revised to read as follows:

§ 90.138 Applications for itinerant frequencies.

An application for authority to conduct an itinerant operation in the Industrial/Business Pool must be restricted to use of itinerant frequencies or other frequencies not designated for permanent use and need not be accompanied by evidence of frequency coordination. Users should be aware that no interference protection is provided from other itinerant operations.

9. Section 90.157 is revised to read as follows:

§ 90.157 Discontinuance of station operation.

An authorization shall cancel automatically upon permanent discontinuance of operations. Unless stated otherwise in this part or in a station authorization, for the purposes of this section, any station which has not operated for one year or more is considered to have been permanently discontinued.

10. Section 90.203 is amended by revising paragraph (n) to read as follows:

§ 90.203 Certification required.

* * * * *

(n) Transmitters designed to operate in the voice mode on channels designated in §§90.531(b)(5) or 90.531(b)(6) that do not provide at least one voice path of 6.25 kHz of spectrum bandwidth shall not be manufactured in or imported into the United States after December 31, 2006. Marketing of these transmitters shall not be permitted after December 31, 2006.

11. Section 90.207 is amended by revising paragraph (b) to read as follows:

§ 90.207 Types of emissions.

* * * * *

(b) Authorizations to use A3E, F3E, or G3E emission also include the use of emissions for tone signals or signaling devices whose sole functions are to establish and to maintain communications, to provide automatic station identification, and for operations in the Public Safety Pool, to activate

emergency warning devices used solely for the purpose of advising the general public or emergency personnel of an impending emergency situation.

* * * * *

12. Section 90.209 is amended by revising the table in paragraph (b) to correct the entry for "216-2205" to read "216-220," correct the entry for "2450-2483.52²" to read "2450-2483.5²," and add note 5 to read as follows:

§ 90.209 Bandwidth limitations.

(b) * * * * *

(5) * * *

STANDARD CHANNEL SPACING/BANDWIDTH

Frequency band (MHz) Channel spacing (kHz) Authorized bandwidth (kHz)

* * * * *	* * * * *	* * * * *
150-174	¹ 7.5	^{1,3} 20/11.25/6
216-220 ⁵	6.25	20/11.25/6
220-222	5	4
* * * * *	* * * * *	* * * * *
1427-1432 ⁵	12.5	12.5
2450-2483.5 ²		

Above 2500²

¹ For stations authorized on or after August 18, 1995.

² Bandwidths for radiolocation stations in the 420-450 MHz band and for stations operating in bands subject to this footnote will be reviewed and authorized on a case-by-case basis.

³ Operations using equipment designed to operate with a 25 kHz channel bandwidth will be authorized a 20 kHz bandwidth. Operations using equipment designed to operate with a 12.5 kHz channel bandwidth will be authorized a 11.25 kHz bandwidth. Operations using equipment designed to operate with a 6.25 kHz channel bandwidth will be authorized a 6 kHz bandwidth.

⁴ * * * * *

⁵ See § 90.259.

* * * * *

13. Section 90.210 is amended by revising paragraph (1)(6) to read as follows:

§ 90.210 Emission masks.

* * * * *

(l) * * *

(6) On any frequency removed from the assigned frequency above 150% of the authorized bandwidth: 40 dB.

* * * * *

14. Section 90.212 is amended by revising paragraph (c) to read as follows:

§ 90.212 Provisions relating to the use of scrambling devices and digital voice modulation.

* * * * *

(c) The transmission of any non-voice information or data under the authorization of F1E or G1E emission is prohibited. However, stations authorized the use of F1E or G1E emission may also be authorized F1D, F2D, G1D or G2D emission for non-voice communication purposes, pursuant to §90.207(l).

* * * * *

15. Section 90.219 is amended by revising paragraph (c) to read as follows:

§ 90.219 Use of signal boosters.

* * * * *

(c) Class A narrowband boosters must meet the out-of-band emission limits of § 90.210 for each narrowband channel that the booster is designed to amplify. Class B broadband signal boosters must meet the emission limits of § 90.210 for frequencies outside of the booster's designed passband.

* * * * *

16. Section 90.233 is amended by revising paragraph (c) to read as follows:

§ 90.233 Base/mobile non-voice operations.

* * * * *

(c) Provisions of this section do not apply to authorizations for paging, telemetry, radiolocation, automatic vehicle monitoring systems (AVM), radioteleprinter, radio call box operations, or authorizations granted pursuant to subpart T of this part.

17. Section 90.235 is amended by revising paragraphs (e) and (l) to read as follows:

§ 90.235 Secondary fixed signaling operations.

* * * * *

(e) Until December 31, 1999, for systems in the Public Safety Pool authorized prior to June 20, 1975, and Power and Petroleum licensees as defined in §90.7 authorized prior to June 1, 1976, the maximum duration of any signaling transmission shall not exceed 6 seconds and shall not be repeated more than 5 times. Such systems include existing facilities and additional facilities which may be authorized as a clear and direct expansion of existing facilities. After December 31, 1999, all signaling systems shall be required to comply with the 2 second message duration and 3 message repetition requirements.

* * * * *

(l) Secondary fixed signaling operations conducted in accordance with the provisions of §§90.317(a) or 90.637 are exempt from the foregoing provisions of this section.

* * * * *

18. Section 90.237 is amended by revising paragraphs (a) and (g) to read as follows:

§ 90.237 Interim provisions for operation of radioteleprinter and radiofacsimile devices.

(a) Information must be submitted with an application to establish that the minimum separation between a proposed radioteleprinter or radiofacsimile base station and the nearest co-channel base station of another licensee operating a voice system is 120 km (75 mi) for a single frequency mode of operation, or 56 km (35 mi) for two frequency mode of operation. Where this minimum mileage separation cannot be achieved, either agreement to the use of F1B, F2B, F3C, G1B, G2B or G3C emission must be received from all existing co-channel licensees using voice emission within the applicable mileage limits, or if agreement was not received, the licensee of the radioteleprinter or radiofacsimile system is responsible for eliminating any interference with preexisting voice operations. New licensees of voice operations will be expected to share equally any frequency occupied by established radioteleprinter or radiofacsimile operations.

* * * * *

(g) For single sideband operations in accordance with § 90.266, transmitters certified under this part for use of J3E emission may also be used for A2B and F2B emissions for radioteleprinter transmissions. Transmitters certified under this part for use of J3E emission in accordance with §§ 90.35(c)(1)(A), 90.35(c)(1)(B), 90.35(c)(1)(C) and 90.257(a) may also be used for A1B, A2B, F1B, F2B, J2B, and A3C emissions to provide standby backup circuits for operational telecommunications circuits which have been disrupted, where so authorized in other sections of this part.

* * * * *

19. Section 90.241 is amended by revising paragraph (a) to read as follows:

§ 90.241 Radio call box operations.

(a) The frequencies in the 72-76 MHz band listed in § 90.257(a)(1) may be assigned in the Public Safety Pool for operation of radio call boxes to be used by the public to request fire, police, ambulance, road service, and other emergency assistance, subject to the following conditions and limitations:

* * * * *

20. Section 90.242 is amended by revising paragraphs (a)(2)(i), (a)(2)(ii), (a)(3), (a)(4), (a)(6), and (a)(7) to read as follows:

§ 90.242 Travelers' information stations.

(a) * * * * *

(2) * * * * *

(i) A statement certifying that the transmitting site of the Travelers' Information Station will be located at least 15 km (9.3 miles) measured orthogonally outside the measured 0.5 mV/m daytime contour (0.1 mV/m for Class A stations) of any AM broadcast station operating on a first adjacent channel or at least 130 km (80.6 miles) outside the measured 0.5 mV/m daytime contour (0.1 mV/m for Class A stations) of any AM broadcast station operating on the same channel, or, if nighttime operation is proposed, outside the theoretical 0.5 mV/m-50% nighttime skywave contour of a U.S. Class A station. If the measured contour is not available, then the calculated 0.5 mV/m field strength contour shall be acceptable. These contours are available at the concerned AM broadcast station and FCC offices in Washington, DC.

(ii) In consideration of possible cross-modulation and inter-modulation interference effects which may result from the operation of a Travelers' Information Station in the vicinity of an AM broadcast station on the second or third adjacent channel, the applicant shall certify that it has considered these possible effects and, to the best of its knowledge, does not foresee interference occurring to broadcast stations operating on second or third adjacent channels.

* * * * *

(3) Travelers' Information Stations will be authorized on a secondary basis to stations authorized on a primary basis in the band 510-1715 kHz.

(4) A Travelers' Information Station authorization may be suspended, modified, or withdrawn by the Commission without prior notice or right to hearing if necessary to resolve interference conflicts, to implement agreements with foreign governments, or in other circumstances warranting such action.

* * * * *

(6) A Travelers' Information Station shall normally be authorized to use a single transmitter. However, a system of stations, with each station in the system employing a separate transmitter, may be authorized for a specific area provided sufficient need is demonstrated by the applicant.

(7) Travelers' Information Stations shall transmit only noncommercial voice information pertaining to traffic and road conditions, traffic hazard and travel advisories, directions, availability of lodging, rest stops and service stations, and descriptions of local points of interest. It is not permissible to identify the commercial name of any business whose service may be available within or outside the coverage area of a Travelers' Information Station. However, to facilitate announcements concerning departures/arrivals and parking areas at air, train, and bus terminals, the trade name identification of carriers is permitted.

* * * * *

21. Section 90.250 is amended by revising paragraphs (f) and (i) to read as follows:

§ 90.250 Meteor burst communications.

* * * * *

(f) The maximum authorized bandwidth is 20 kHz.

* * * * *

(i) Stations employing meteor burst communications shall not cause interference to other stations operating in accordance with the allocation table. New authorizations will be issued subject to the Commission's developmental grant procedure as outlined in subpart Q of this part. Prior to expiration of the developmental authorization, application Form 601 should be filed for issuance of a permanent authorization.

22. Section 90.257 is amended by revising paragraph (a)(1) to read as follows:

§ 90.257 Assignment and use of frequencies in the band 72-76 MHz.

(a) * * * * *

(1) The following frequencies in the band 72-76 MHz may be used for fixed operations:

<i>MHz</i>	
72.02	72.80
72.04	72.82
72.06	72.84
72.08	72.86
72.10	72.88
72.12	72.90
72.14	72.92
72.16	72.94
72.18	72.96
72.20	72.98
72.22	75.42
72.24	75.46
72.26	75.50
72.28	75.54
72.30	75.58
72.32	75.62
72.34	75.64
72.36	75.66
72.38	75.68
72.40	75.70
72.42	75.72
72.46	75.74
72.50	75.76
72.54	75.78
72.58	75.80
72.62	75.82

72.64	75.84
72.66	75.86
72.68	75.88
72.70	75.90
72.72	75.92
72.74	75.94
72.76	75.96
72.78	75.98

* * * * *

23. Section 90.259 is amended by revising paragraph (a)(5) to read as follows:

§ 90.259 Assignment and use of frequencies in the bands 216-220 MHz and 1427-1432 MHz.

(a) * * * * *

(5) In the 217-220 MHz band, base, mobile, and operational fixed operations are permitted.

* * * * *

24. Section 90.261 is amended by revising paragraph (c) to read as follows:

§ 90.261 Assignment and use of frequencies in the band 450-470 MHz for fixed operations.

(c) All fixed systems are limited to one frequency pair with 5 MHz spacing and must employ directional antennas with a front-to-back ratio of 15dB, except that omnidirectional antennas having unity gain may be employed by stations communicating with a minimum of three receiving locations encompassed in a sector of at least 160° in azimuth. Stations authorized for secondary fixed operations prior to July 13, 1992, may continue to operate under the conditions of their initial authorization.

* * * * *

25. Section 90.263 is amended to read as follows:

§ 90.263 Substitution of frequencies below 25 MHz.

Frequencies below 25 MHz when shown in the radio pool frequency listings under this part will be assigned to base or mobile stations only upon a satisfactory showing that, from a safety of life standpoint, frequencies above 25 MHz will not meet the operational requirements of the applicant. These frequencies are available for assignment in many areas; however, in individual cases such assignment may be impracticable due to conflicting frequency use authorized to stations in other services by this and other countries. In such cases, a substitute frequency, if found available, may be assigned from the following bands: 1705-1750 kHz, 2107-2170 kHz, 2194-2495 kHz, 2506-2850 kHz, 3155-3400 kHz, or 4438-4650 kHz. Since such assignments are in certain instances subject to additional technical and operation limitations, it is necessary that each application also include precise information concerning transmitter output power, type and directional characteristics, if any, of the antenna, and the minimum necessary hours of operation. (This section is not applicable to the Radiolocation Service, subpart F of this part.)

26. Section 90.264 is amended by revising paragraph (h) to read as follows:

§ 90.266 Disaster communications between 2 and 10 MHz.

* * * * *

(h) Training exercises which require use of these frequencies for more than seven hours a week, cumulative, are not authorized without prior written approval from the Commission.

27. Section 90.303 is amended by revising the table in paragraph (b) to read as follows:

§ 90.303 Availability of frequencies.

(b) * * *

Urbanized area	Geographic center		Bands (MHz)	TV channels
	North Latitude	West Longitude		
Boston, MA	42° 21' 24.4"	71° 03' 23.2"	470-476, 482-488	14, 16
Chicago, IL ¹	41° 52' 28.1"	87° 38' 22.2"	470-476, 476-482	14, 15
Cleveland, OH ²	41° 29' 51.2"	81° 49' 49.5"	470-476, 476-482	14, 15
Dallas/Fort Worth, TX	32° 47' 09.5"	96° 47' 38.0"	482-488	16
Detroit, MI ³	42° 19' 48.1"	83° 02' 56.7"	476-482, 482-488	15, 16
Houston, TX	29° 45' 26.8"	95° 21' 37.8"	488-494	17
Los Angeles, CA ⁴	34° 03' 15.0"	118° 14' 31.3"	470-476, 482-488, 506-512	14, 16, 20
Miami, FL	25° 46' 38.4"	80° 11' 31.2"	470-476	14
New York, NY/NE NJ	40° 45' 06.4"	73° 59' 37.5"	470-476, 476-482, 482-488	14, 15, 16
Philadelphia, PA	39° 56' 58.4"	75° 09' 19.6"	500-506, 506-512	19, 20
Pittsburgh, PA	40° 26' 19.2"	79° 59' 59.2"	470-476, 494-500	14, 18
San Francisco/Oakland, CA	37° 46' 38.7"	122° 24' 43.9"	482-488, 488-494	16, 17
Washington, DC/MD/VA	38° 53' 51.4"	77° 00' 31.9"	488-494, 494-500	17, 18

¹ In the Chicago, IL, urbanized area, channel 15 frequencies may be used for paging operations in addition to low power base/mobile usages, where applicable protection requirements for ultrahigh frequency television stations are met.

² Channels 14 and 15 are not available in Cleveland, OH, until further order from the Commission.

³ Channels 15 and 16 are not available in Detroit, MI, until further order from the Commission.

⁴ Channel 16 is available in Los Angeles, CA, for use by eligibles in the Public Safety Radio Pool.

* * * * *

28. Section 90.307 is revised to read as follows:

§ 90.307 Protection criteria.

The tables and figures listed in § 90.309 shall be used to determine the effective radiated power (ERP) and antenna height of the proposed land mobile base station and the ERP for the associated control station (control station antenna height shall not exceed 31 meters (100 feet) above average terrain (AAT)).

(a) Base stations operating on the frequencies available for land mobile use in any urbanized area and having an antenna height (AAT) less than 152 meters (500 feet) shall afford protection to co-channel and adjacent channel television stations in accordance with the values set out in tables A and E of § 90.309, except for channel 15 in New York, NY, and Cleveland, OH, and channel 16 in Detroit, MI, where protection will be in accordance with the values set forth in tables B and E in 47 CFR § 90.309.

(b) For base stations having antenna heights between 152 and 914 meters (500-3000 feet) above average terrain, the effective radiated power must be reduced below 1 kilowatt in accordance with the values shown in the power reduction graph in Figure A in § 90.309, except for channel 15 in New York, NY, and Cleveland, OH, and channel 16 in Detroit, MI, where the effective radiated power must be reduced in accordance with Figure B in § 90.309. For heights of more than 152 meters (500 feet) above average terrain, the distance to the radio path horizon will be calculated assuming smooth earth. If the distance so determined equals or exceeds the distance to the Grade B contour of a co-channel TV station (Grade B contour defined in § 73.683(a)), an authorization will not be granted unless it can be shown that actual terrain considerations are such as to provide the desired protection at the Grade B contour, or that the effective radiated power will be further reduced so that, assuming free space attenuation, the desired protection at the Grade B contour will be achieved.

(c) Mobile units and control stations operating on the frequencies available for land mobile use in any given urbanized area shall afford protection to co-channel and adjacent channel television stations in accordance with the values set forth in table C in § 90.309 and paragraph (d) of this section except for channel 15 in New York, NY, and Cleveland, OH, and channel 16 in Detroit, MI, where protection will be in accordance with the values set forth in table D in § 90.309 and paragraph (d) of this section.

(d) The minimum distance between a land mobile base station which has associated mobile units and a protected adjacent channel television station is 145 km (90 miles).

(e) The television stations to be protected (co-channel, adjacent channel, IM, and IF) in any given urbanized area, in accordance with the provisions of paragraphs (a), (b), (c), and (d) of this section, are identified in the Commission's publication "TV stations to be considered in the preparation of Applications for Land Mobile Facilities in the Band 470-512 MHz." The publication is available at the offices of the Federal Communications Commission in Washington, D.C. or upon the request of interested persons.

29. Section 90.309 is modified by revising paragraph (a)(4) and the table in paragraph (a)(5) to read as follows:

§ 90.309 Table and figures.

(a) * * * * *

(4) In determining the average elevation of the terrain, the elevations between 3.2 kilometers (2 miles) and 16 kilometers (10 miles) from the antenna site are employed. Profile graphs shall be drawn for a minimum of eight radials beginning at the antenna site and extending 16 kilometers (10 miles). The radials should be drawn starting with true north. At least one radial should be constructed in the direction of the nearest co-channel and adjacent channel UHF television stations. The profile graph for each radial shall be plotted by contour intervals of from 12.2 meters (40 feet) to 30.5 meters (100 feet) and, where the data permits, at least 50 points of elevation (generally uniformly spaced) should be used for each radial. For very rugged terrain, 61 meters (200 feet) to 122 meters (400 foot) contour intervals may be used. Where the terrain is uniform or gently sloping, the smallest contour interval indicated on the topographic

chart may be used. The average elevation of the 12.8 kilometer (8 mile) distance between 3.2 kilometers (2 miles) and 16 kilometers (10 miles) from the antenna site should be determined from the profile graph for each radial. This may be obtained by averaging a large number of equally spaced points, by using a planimeter, or by obtaining the median elevation (that exceeded by 50 percent of the distance) in sectors and averaging those values. In the preparation of the profile graphs, the elevation or contour intervals may be taken from U.S. Geological Survey Topographic Maps, U.S. Army Corps of Engineers Maps, or Tennessee Valley Authority Maps. Maps with a scale of 1:250,000 or larger (such as 1:24,000) shall be used. Digital Terrain Data Tapes, provided by the National Cartographic Institute, U.S. Geologic Survey, may be utilized in lieu of maps, but the number of data points must be equal to or exceed that specified above. If such maps are not published for the area in question, the next best topographic information should be used.

(5) * * *

TABLE B--BASE STATION--COCHANNEL FREQUENCIES (40 dB PROTECTION) MAXIMUM EFFECTIVE RADIATED POWER (ERP)¹

Distance in kilometers (miles): ²	Antenna height in meters (feet) (AAT)									
	15 (50)	30.5 (100)	45 (150)	61 (200)	76 (250)	91.5 (300)	106 (350)	122 (400)	137 (450)	152.5 (500)
209 (130)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
201 (125)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	850	750	725
193 (120)	1,000	1,000	1,000	1,000	900	750	675	600	550	500
185 (115)	1,000	1,000	800	725	600	525	475	425	375	350
177 (110)	850	700	600	500	425	375	325	300	275	225
169 (105)	600	475	400	325	275	250	225	200	175	150
161 (100)	400	325	275	225	175	150	140	125	110	100
153 (95)	275	225	175	125	110	95	80	70	60	50
145 (90)	175	125	100	75	50	.....	.....	.....	.....	.....

¹ The effective radiated power (ERP) and antenna height above average terrain shall not exceed the values given in this table.

² At this distance from the transmitter site of protected UHF television station

* * * * *

30. Section 90.315 is amended by revising paragraphs (g) and (j) to read as follows:

§ 90.315 Special provisions governing use of frequencies in the 476-494 MHz band (TV Channels 15, 16, and 17) in the Southern Louisiana-Texas Offshore Zone.

* * * * *

(g) To provide adjacent channel protection to television stations, no shore or offshore station shall be allowed within 128 kilometers (80 miles) of the adjacent channel television station.

* * * * *

(j) The following frequency bands are available for assignment in all services for use in the Zones defined in paragraph (a) of this section.

PAIRED FREQUENCIES (MHz)

Zone	Transmit (or receive)	Receive (or transmit)
A.....	490.01875-490.98125	493.01875-493.98125
B.....	484.01875-484.98125	487.01875-487.98125
C.....	478.01875-478.98125	481.01875-481.98125

Only the first and last assignable frequencies are shown. Frequencies shall be assigned in pairs with 3 MHz spacing between transmit and receive frequencies. Assignable frequency pairs will occur in increments of 6.25 kHz. The following frequencies will be assigned for a maximum authorized bandwidth of 6 kHz: 478.01875, 478.98125, 484.01875, 484.98125, 490.01875, 490.98125, 481.01875, 481.98125, 487.01875, 487.98125, 493.01875, and 493.98125 MHz.

* * * * *

31. Section 90.353 is amended by revising paragraphs (e) and (f) to read as follows:

§ 90.353 LMS operations in the 902-928 MHz band.

(e) Multilateration EA-licensed systems and grandfathered automatic vehicle monitoring service (AVM) systems (see § 90.363) are authorized on a shared basis and must cooperate in the selection and use of frequencies in accordance with § 90.173(b).

(f) Multilateration EA licensees may be authorized to operate on both the 919.75-921.75 MHz and 921.75-927.25 MHz bands within a given EA (see § 90.210(b)(5)).

* * * * *

32. Section 90.357 is revised to read as follows:

§ 90.357 Frequencies for LMS systems in the 902-928 MHz band.

(a) Multilateration LMS systems will be authorized in the following LMS sub-bands:

LMS Sub-band	Forward Link ¹
904.000-909.750 MHz	927.750-928.000 MHz
919.750-921.750 MHz ²	927.500-927.750 MHz
921.750-927.250 MHz	927.250-927.500 MHz

¹ Forward links for the LMS systems may also be contained within the LMS sub-band. However, the maximum allowable power in these sub-bands is 30 watts ERP in accordance with § 90.205(k).

² The frequency band 919.750-921.750 MHz is shared co-equally between multilateration and non-multilateration LMS systems.

(b) Non-multilateration LMS systems will be authorized in the following frequency bands:

*LMS Sub-band*¹

902.000-904.000 MHz

909.750-921.750 MHz

¹ Applicants for non-multilateration LMS systems should request only the minimum amount of bandwidth necessary to meet their operational needs.

33. Section 90.377 is amended by revising paragraph (a) to read as follows:

§ 90.377 Frequencies available; maximum EIRP and antenna height, and priority communications.

(a) Licensees shall transmit only the power (EIRP) needed to communicate with an On-Board Unit (OBU) within the communications zone and must take steps to limit the Roadside Unit (RSU) signal within the zone to the maximum extent practicable.

* * * * *

34. Section 90.419 is amended by revising paragraph (f) to read as follows:

§ 90.419 Points of communication.

* * * * *

(f) CMRS licensees in the SMR categories of part 90, subpart S, CMRS providers authorized in the 220 MHz service of part 90, subpart T, CMRS paging operations as defined by part 90, subpart P and for-profit interconnected business radio services with eligibility defined by section 90.35 are permitted to utilize their assigned spectrum for fixed services on a co-primary basis with their mobile operations.

35. Section 90.425 is amended by revising paragraphs (a)(4)(iii), (a)(5), and (c)(2) to read as follows:

§ 90.425 Station identification.

* * * * *

(a) * * * * *

(4) * * * * *

(iii) In the Industrial/Business Pool, railroad licensees (as defined in § 90.7) may identify stations by the name of the railroad and the train number, caboose number, engine number, or the name of the fixed wayside station. If none of these forms is practicable, any similar name or number may be designated by the railroad concerned for use by its employees in the identification of fixed points or mobile units, provided that a list of such identifiers is maintained by the railroad. An abbreviated name or the initials of the railroad may be used where such are in general usage. In those areas where it is shown

that no difficulty would be encountered in identifying the transmission of a particular station (as, for example, where stations of one licensee are located in a yard isolated from other radio installations), approval may be given to a request from the licensee for permission to omit the station identification.

(5) Use of identifiers in addition to assigned call signs. Nothing in this section shall be construed as prohibiting the transmission of station or unit identifiers which may be necessary or desirable for system operation, provided that they are transmitted in addition to the assigned station call sign or other permissible form of identification.

* * * * *

(c) * * * * *

(2) Stations in the Radiolocation Service operating on frequencies above 3400 kHz that employ spread spectrum techniques shall transmit a two letter manufacturer's designator, authorized by the Commission on the station authorization, at the beginning and ending of each transmission and once every 15 minutes during periods of continuing operation. The designator shall be transmitted in International Morse Code at a speed not exceeding 25 words per minute, and the spread spectrum mode of operation shall be maintained while the designator is being transmitted. The identifying signal shall be clearly receivable in the demodulated audio of a narrow-band FM receiver.

* * * * *

36. Section 90.465 is amended by revising paragraphs (b) and (c) to read as follows:

§ 90.465 Control of systems of communication.

* * * * *

(b) In internal systems, as defined in § 90.7, control may be maintained by conforming the system to the requirements of §§ 90.471-90.475.

(c) In interconnected systems, as defined in § 90.7, control may be maintained by conforming operation and system design to that permitted in §§ 90.477-90.483.

37. Section 90.475 is amended by revising paragraph (a)(2) to read as follows:

§ 90.475 Operation of internal transmitter control systems in special equipped systems.

(a) * * * * *

(2) An internal transmitter control system may be used in conjunction with other approved methods of transmitter control and interconnection so long as the internal transmitter control system, itself, is neither accessed from telephone positions in the public switched telephone network (PSTN), nor uses dial-up circuits in the PSTN. Licensees with complex communications systems involving fixed systems whose base stations are controlled by such systems may automatically access these base stations through the microwave or operational fixed systems from positions in the PSTN, so long as the base stations and mobile units meet the requirements of § 90.483 and if a separate circuit is provided for each mode of transmitter operation (i.e., conventional, dial-up or internet).

* * * * *

38. Section 90.483 is amended by revising paragraphs (b)(1)(ii), (b)(2)(i), and (b)(2)(ii) to read as follows:

§ 90.483 Permissible methods and requirements of interconnecting private and public systems of communications.

* * * * *

(b) * * * * *

(1) * * * * *

(ii) When a frequency is shared by more than one system, automatic monitoring equipment must be installed at the base station to prevent activation of the transmitter when signals of co-channel stations are present and activation would interfere with communications in progress. Licensees may operate without the monitoring equipment if they have obtained the consent of all co-channel licensees located within a 120 kilometer (75 mile) radius of the interconnected base station transmitter. A statement must be submitted to the Commission indicating that all co-channel licensees have consented to operate without the monitoring equipment. If a licensee has agreed that the use of monitoring equipment is not necessary, but later decides that the monitoring equipment is necessary, the licensee may request that the co-channel licensees reconsider the use of monitoring equipment. If the licensee cannot reach an agreement with co-channel licensees, the licensee may request that the Commission consider the matter and assign it to another channel. If a new licensee is assigned to a frequency where all the co-channel licensees have agreed that the use of monitoring equipment is not necessary, and the new licensee does not agree, the new licensee may request the co-channel licensees to reconsider the use of monitoring equipment. If the new licensee cannot reach an agreement with co-channel licensees, it should request a new channel from the Commission. Systems on frequencies above 800 MHz are exempt from this requirement.

(2) * * * * *

(i) When a frequency is shared by more than one system, automatic monitoring equipment must be installed at the base station to prevent activation of the transmitter when signals of co-channel stations are present and activation would interfere with communications in progress. Licensees may operate without this equipment if they have obtained the consent of all co-channel licensees located within a 120 kilometer (75 mile) radius of the interconnected base station transmitter. A statement must be submitted to the Commission indicating that all co-channel licensees have consented to operate without the monitoring equipment. If a licensee has agreed that the use of monitoring equipment is not necessary, but later decides that the monitoring equipment is necessary, the licensee may request that the co-channel licensees reconsider the use of monitoring equipment. If the licensee cannot reach an agreement with co-channel licensees, the licensee may request that the Commission consider the matter and assign it to another channel. If a new licensee is assigned to a frequency where all the co-channel licensees have agreed that the use of monitoring equipment is not necessary, and the new licensee does not agree, the new licensee may request the co-channel licensees to reconsider the use of monitoring equipment. If the new licensee cannot reach an agreement with co-channel licensees, it should request a new channel from the Commission. Systems on frequencies above 800 MHz are exempt from this requirement.

(ii) Initial access points within the public switched telephone network must be limited to transmission of a 3-second tone, after which time the transmitter shall close down. No additional signals may be transmitted until acknowledgement from a mobile station of the licensee is received. Licensees

are exempt from this requirement if they have obtained the consent of all co-channel licensees located within a 120 kilometer (75 mile) radius of the interconnected base station transmitter. However, licensees may choose to set their own time limitations. A statement must be submitted to the Commission indicating that all co-channel licensees have consented to operate without the monitoring equipment. If a licensee has agreed that the use of monitoring equipment is not necessary, but later decides that the monitoring equipment is necessary, the licensee may request that the co-channel licensees reconsider the use of monitoring equipment. If the licensee cannot reach an agreement with co-channel licensees, the licensee may request that the Commission consider the matter and assign it to another channel. If a new licensee is assigned to a frequency where all the co-channel licensees have agreed that the use of monitoring equipment is not necessary, and the new licensee does not agree, the new licensee may request the co-channel licensees to reconsider the use of monitoring equipment. If the new licensee cannot reach an agreement with co-channel licensees, it should request a new channel from the Commission. Systems on frequencies above 800 MHz are exempt from this requirement.

39. Section 90.613 is amended by revising channel 139 of the Table of 896-901/935-940 MHz Channel Designations to read as follows:

§ 90.613 Frequencies available.

TABLE OF 896-901/935-940 MHZ CHANNEL DESIGNATIONS

Channel No.	Base frequency (MHz)
139 .....	.7375

* * * * *

APPENDIX C

PROPOSED RULES

Parts 2, 90 and 95 of Chapter 1 of Title 47 of the Code of Federal Regulations are amended as follows:

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 is amended by revising the table in note US350 to read as follows:

§ 2.106 Table of Frequency Allocations

* * * * *

US350 * * *

Location (see § 90.259(b)(4) of this chapter for a detailed description)	1427-1429 MHz 1431.5-1432 MHz	1429-1431.5 MHz
Austin/Georgetown, Texas	Non-Government land mobile service is limited to telemetry and telecommand operations. Government and non-Government medical telemetry and telecommand use is permitted on a secondary basis.	Government and non-Government land mobile service is limited to medical telemetry and telecommand operations. Non-Government telemetry and telecommand use is permitted on a secondary basis.
Battle Creek, Michigan		
Detroit, Michigan		
Pittsburgh, Pennsylvania		
Richmond/Norfolk, Virginia		
Spokane, Washington		
Washington, DC metropolitan area		
Rest of U.S.....	1427-1429.5 MHz	1429.5-1432 MHz
	Government and non-Government land mobile service is limited to medical telemetry and	Non-Government land mobile service is limited to telemetry and

telecommand
operations.
Non-Government
telemetry and
telecommand use
is permitted on a
secondary basis.

telecommand
operations.
Government and
non-
Government
medical
telemetry and
telecommand
use is permitted
on a secondary
basis.

3. The authority citation for Part 90 continues to read as follows:

Authority: Sections 4(i), 11, 303(g), 303(r), and 332(c)(7) of the Communications Act of 1934, as amended, 47 U.S.C. 154(i), 161, 303(g), 303(r), and 332(c)(7).

4. Section 90.20 is amended by adding paragraph (a)(2)(xiv) to read as follows:

§ 90.20 Public Safety Pool.

(a) * * * * *

(2) * * * * *

(xiv) Persons or organizations providing local or regional multiple-occupancy-vehicle passenger services over regular routes under contract or similar arrangement with a governmental entity for the transmission of messages pertaining to either the efficient operation of the service or the safety or general welfare of the passengers they are engaged in transporting. Each transit system operator may be authorized to operate one base station and a number of mobile units not in excess of the total of the number of passenger vehicles and maintenance vehicles regularly engaged in the operation. Additional base stations or mobile units will be authorized only in exceptional circumstances when the applicant can show a specific need.

* * * * *

5. Section 90.175 is amended by adding paragraph (j)(17) to read as follows:

§ 90.175 Frequency coordinator requirements.

* * * * *

(j) * * * * *

(17) Applications requesting to modify a license to authorize commercial operations pursuant to Section 90.621(e)(2), or to reverse such a modification, if there is no change in technical parameters.

6. Section 90.176 is amended by revising paragraph (d) to read as follows:

§ 90.176 Coordinator notification requirements on frequencies below 512 MHz, at 764-776/794-806 MHz, or at 1427-1432 MHz.

* * * * *

(d) Frequencies in the 1427-1432 MHz band. Within one business day of making a frequency recommendation, each frequency coordinator must notify and provide the information indicated in paragraph (g) of this section to the WMTS frequency coordinator designated in § 95.1112 and to all other frequency coordinators who are also certified to coordinate that frequency. In addition, the frequency coordinator must ensure compliance with all coordination requirements incorporated in the joint WMTS-Part 90 coordination plan filed in WT Docket No. 02-8 on August 18, 2004.

* * * * *

7. Section 90.243 is amended by revising paragraph (b)(1) to read as follows:

§ 90.243 Mobile relay stations.

* * * * *

(b) * * * * *

(1) In the Public Safety Pool, systems that operate in the 150 MHz band are permitted to be cross-banded for mobile and central stations operations with mobile relay stations authorized to operate in the 450 and 800 MHz bands.

* * * * *

8. Section 90.247 is amended by removing and reserving paragraph (b).

§ 90.247 Mobile repeater stations.

* * * * *

(b) [Reserved]

* * * * *

9. Section 90.259 is amended by revising paragraphs (b)(3) and (b)(4)(ii) to read as follows:

§ 90.259 Assignment and use of frequencies in the bands 216-220 MHz and 1427-1432 MHz.

* * * * *

(b) * * * * *

(3) All operations authorized under this section in the 1429.5-1432 MHz band are primary in status (and Wireless Medical Telemetry Service operations are secondary) except in the locations specified in paragraph (b)(4) of this section. At the locations specified in paragraph (b)(4) of this section, all operations authorized under this section are primary in status (and

Wireless Medical Telemetry Service operations are secondary) in the 1427-1429 MHz and 1431.5-1432 MHz bands.

(4) * * * * *

(ii) Washington, DC metropolitan area—Counties of Montgomery, Prince George's and Charles in Maryland; Arlington, Prince William, Fauquier, Loudon, and Fairfax, and Cities of Alexandria, Falls Church, Fairfax, Manassas and Manassas Park in Virginia; and District of Columbia.

* * * * *

10. Section 90.1215 is amended by revising paragraph (a) and adding paragraph (e) to read as follows:

§ 90.1215 Power Limits

* * * * *

(a) The maximum conducted output power should not exceed:

Channel Bandwidth (MHz)	Low power peak transmitter power (dBm)	High power peak transmitter power (dBm)
1	7	20
5	14	27
10	17	30
15	18.8	31.8
20	20	33

High power devices are also limited to a peak power spectral density of 20 dBm per one MHz. High power devices using channel bandwidths other than those listed above are permitted; however, they are limited to a maximum conducted power spectral density of 20 dBm/MHz. If transmitting antennas of directional gain greater than 9 dBi are used, both the maximum conducted output power and the peak power spectral density should be reduced by the amount in decibels that the directional gain of the antenna exceeds 9 dBi. However, high power point-to-point and point-to-multipoint operation (both fixed and temporary-fixed rapid deployment) may employ transmitting antennas with directional gain up to 26 dBi without any corresponding reduction in the maximum conducted output power or spectral density. Corresponding reduction in the transmit power and peak power spectral density should be the amount in decibels that the directional gain of the antenna exceeds 26 dBi.

(b) Low power devices are also limited to a peak power spectral density of 8 dBm per one MHz. Low power devices using channel bandwidths other than those listed above are permitted; however, they

are limited to a peak power spectral density of 8 dBm/MHz. If transmitting antennas of directional gain greater than 9 dBi are used, both the maximum conducted output power and the peak power spectral density should be reduced by the amount in decibels that the directional gain of the antenna exceeds 9 dBi.

(c) The maximum conducted power is measured as a conducted emission over any interval of continuous transmission calibrated in terms of an RMS-equivalent voltage. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true maximum conducted power measurement conforming to the definitions in this paragraph for the emission in question.

* * * * *

(e) The ratio of the peak excursion of the modulation envelope (measured using a peak hold function) to the maximum conducted output power shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

11. Section 90.XXX is added to read as follows:

§ 90.XXX Disturbance of AM broadcast station antenna patterns.

Public Safety Pool and Industrial/Business Pool licensees that construct or modify towers in the immediate vicinity of AM broadcast stations are responsible for measures necessary to correct disturbance of the AM station antenna pattern which causes operation outside of the radiation parameters specified by the FCC for the AM station, if the disturbance occurred as a result of such construction or modification.

(a) Non-directional AM stations. If tower construction or modification is planned within 1 kilometer (0.6 mile) of a non-directional AM broadcast station tower, the Public Safety Pool or Industrial/Business Pool licensee must notify the licensee of the AM broadcast station in advance of the planned construction or modification. Measurements must be made to determine whether the construction or modification would affect the AM station antenna pattern. The Public Safety Pool or Industrial/Business Pool licensee is responsible for the installation and continued maintenance of any detuning apparatus necessary to restore proper non-directional performance of the AM station tower.

(b) Directional AM stations. If tower construction or modification is planned within 3 kilometers (1.9 miles) of a directional AM broadcast station array, the Public Safety Pool or Industrial/Business Pool licensee must notify the licensee of the AM broadcast station in advance of the planned construction or modification. Measurements must be made to determine whether the construction or modification would affect the AM station antenna pattern. The Public Safety Pool or Industrial/Business Pool licensee is responsible for the installation and continued maintenance of any detuning apparatus necessary to restore proper performance of the AM station array.

12. The authority citation for Part 95 continues to read as follows:

Authority: Secs. 4, 303, 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 303.

13. Section 95.630 is amended to read as follows:

§ 95.630 WMTS transmitter frequencies.

WMTS transmitters may operate in the frequency bands specified as follows:

608-614 MHz

1395-1400 MHz

1427-1432 MHz (see § 90.259(b) of this part regarding where WMTS operations are primary in status, and where they are secondary to Part 90 operations)

14. Section 95.1101 is amended to read as follows:

§ 95.1101 Scope.

This subpart sets out the regulations governing the operation of Wireless Medical Telemetry Devices in the 608-614 MHz, 1395-1400 MHz, and 1427-1432 MHz frequency bands.

15. Section 95.1113 is amended by revising paragraphs (b)(1), (5), and (6) to read as follows:

§ 95.1113 Frequency coordinator.

* * * * *

(b) * * * * *

(1) Review and process registration requests submitted by authorized health care providers as required in § 95.1111;

* * * * *

(5) Upon receipt of a registration request for WMTS equipment operating in the 1427-1432 MHz band, notify all Part 90 frequency coordinators of the intended activation in accordance with the joint WMTS-Part 90 coordination plan filed in WT Docket No. 02-8 on August 18, 2004. The Part 90 frequency coordinators shall, in turn, determine potentially affected Part 90 licensees and notify those Part 90 licensees operating in the 1427-1432 MHz band in accordance with § 90.259 of their obligation to ensure compliance with the field strength limit of § 90.259(b)(11), as measured at the WMTS site.

(6) Upon receipt of a registration request for WMTS equipment operating in the 1395-1400 MHz band, notify each party licensed to operate in the 1392-1395 MHz band in the applicable geographic area pursuant to subpart I of part 27 of this chapter of the need to comply with the field strength limit set forth in § 27.804.