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§ 90.22 Paging operations.

Unless specified elsewhere in this part, paging operations may be authorized in the Public Safety Pool on any frequency except those assigned under the provisions of § 90.20(d)(78). Paging operations on frequencies subject to § 90.20(d)(78) authorized before August 17, 1974, may be continued only if they do not cause harmful interference to regular operations on the same frequencies. Such paging operations may be renewed indefinitely on a secondary basis to regular operations, except within 125 km (75 mi) of the following urbanized areas:

Urbanized area	North latitude	West longitude
New York, NY-Northeastern NJ	40-45-06.4	73-59-37.5
Los Angeles-Long Beach, CA	34-03-15.0	118-14-31.3
Chicago, IL	41-52-28.1	87-38-22.2
Philadelphia, PA-NJ	39-56-58.4	75-09-19.6
Detroit, MI	42-19-48.1	83-02-56.7
San Francisco-Oakland, CA	37-46-38.7	122-24-43.9
Boston, MA	42-21-24.4	71-03-23.2
Washington, DC-MD-VA	38-53-51.4	77-00-31.9
Cleveland, OH	41-29-51.2	81-41-49.5
St Louis, MO-IL	38-37-45.2	90-12-22.4
Pittsburgh, PA	40-26-19.2	79-59-59.2
Minneapolis-St Paul, MN	44-58-56.9	93-15-43.8
Houston, TX	29-45-26.8	95-21-37.8
Baltimore, MD	39-17-26.4	76-36-43.9
Dallas, TX	32-47-09.5	96-47-38.0
Milwaukee, WI	43-02-19.0	87-54-15.3
Seattle-Everett, WA	47-36-31.4	122-20-16.5
Miami, FL	25-46-38.4	80-11-31.2
San Diego, CA	32-42-53.2	117-09-24.1
Atlanta, GA	33-45-10.4	84-23-36.7
Cincinnati, OH-KY	39-06-7.2	84-30-34.8
Kansas City, MO-KS	39-04-56.0	94-35-20.8
Buffalo, NY	42-52-52.2	78-52-20.1
Denver, CO	39-44-58.0	104-59-23.9

[63 FR 68959, Dec. 14, 1998, as amended at 64 FR 36262, July 6, 1999; 65 FR 60874, Oct. 13, 2000]

Subpart C—Industrial/Business Radio Pool

SOURCE: 62 FR 18874, Apr. 17, 1997, unless otherwise noted.

§ 90.31 Scope.

The Industrial/Business Radio Pool covers the licensing of the radio communications of entities engaged in commercial activities, engaged in clergy activities, operating educational,

philanthropic, or ecclesiastical institutions, or operating hospitals, clinics, or medical associations. Rules as to eligibility for licensing, frequencies available, permissible communications and classes and number of stations, and any special requirements are set forth in the following sections.

§ 90.33 General eligibility.

(a) In addition to the eligibility shown in the Industrial/Business Pool, eligibility is also provided for any corporation proposing to furnish nonprofit radiocommunication service to its parent corporation, to another subsidiary of the same parent, or to its own subsidiary. This corporate eligibility is not subject to the cooperative use provision of § 90.179.

(b) Eligibility is also provided for a nonprofit corporation or association that is organized for the purpose of furnishing a radiocommunications service to persons who meet the eligibility requirements of the Industrial/Business Pool. Such use is subject to the cooperative use provisions of § 90.179.

§ 90.35 Industrial/Business Pool.

(a) *Eligibility.* Persons primarily engaged in any of the following activities are eligible to hold authorizations in the Industrial/Business Pool to provide commercial mobile radio service as defined in part 20 of this chapter or to operate stations for transmission of communications necessary to such activities of the licensee:

- (1) The operation of a commercial activity;
- (2) The operation of educational, philanthropic, or ecclesiastical institutions;
- (3) Clergy activities; or
- (4) The operation of hospitals, clinics, or medical associations.

(5) Public Safety Pool eligibles are eligible for Industrial/Business Pool spectrum only to the extent that they are engaged in activities listed in paragraphs (a)(1) through (4) of this section. Industrial/Business Pool spectrum may not be utilized for the purposes set forth in § 90.20(a).

(b) *Industrial/Business Pool frequencies.* (1) The following table indicates frequencies available for assignment to

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Industrial/Business Pool stations, together with the class of station(s) to which they are normally assigned, the specific assignment limitations which are explained in paragraph (b) of this section, and the certified frequency coordinator for each frequency:

(2) Unless otherwise specified, coordination of frequencies in the Industrial/Business pool must be done in accordance with the following:

(i) Unless specified elsewhere in this part, frequencies without any coordinator specified in the Coordinator column of paragraph (b)(3) of this section may be coordinated by any frequency coordinator certified in the Industrial/Business Pool.

(ii) A letter symbol in the Coordinator column of the frequency table in paragraph (b)(3) of this section designates the mandatory certified frequency coordinator for the associated frequency in the table. However, any coordinator certified in the Industrial/Business Pool may coordinate applications on such frequencies provided the prior written consent of the designated coordinator is obtained. Frequencies for which two coordinators are listed may be coordinated by either of the listed coordinators.

(iii) For frequencies above 150 MHz, applications for new or modified facilities on frequencies shared prior to radio service consolidation by the former Manufacturers Radio Service, the Forest Products Radio Service, the Power Radio Service, the Petroleum Radio Service, the Motor Carrier Radio Service, the Railroad Radio Service, the Telephone Maintenance Radio Service and the Automobile Emergency Radio Service may be coordinated by any certified Industrial/Business Pool coordinator. However, in the event that the interference contour of a proposed station would overlap the service contour of an existing station licensed on one of these previously shared frequencies, the written concurrence of the coordinator associated with the industry for which the existing station license was issued, or the written concurrence of the licensee of the existing station, shall be obtained. For the purposes of this § 90.35, the service contour for UHF stations is the 39 dBu contour; and the interference

contour for UHF stations is the 21 dBu contour; the service contour for VHF stations is the 37 dBu contour; and the interference contour for VHF stations is the 19 dBu contour.

(iv) The letter symbols listed in the Coordinator column of the frequency table in paragraph (b)(3) of this section refer to specific frequency coordinators as follows:

IP—Petroleum Coordinator
IW—Power Coordinator
LR—Railroad Coordinator
LA—Automobile Emergency Coordinator

(3) Frequencies.

INDUSTRIAL/BUSINESS POOL FREQUENCY TABLE

Frequency or band	Class of station(s)	Limitations	Coordinator
Kilohertz			
2000 to 25,000	Fixed, base or mobile.	1, 90	
2292	Base or mobile	4, 5, 7.	
2398	do	5, 7.	
4637.5	do	5, 7.	
Megahertz			
25.02	do	3, 4	IP
25.04	do	8	IP
25.06	do	3, 4	IP
25.08	do	8, 9	IP
25.10	do	3, 4, 9	IP
25.12	do	9	IP
25.14	do	3, 4, 9	IP
25.16	do	9	IP
25.18	do	3, 4, 9	IP
25.20	do	9	IP
25.22	do	4, 7	IP
25.24	do .....	.....	IP
25.26	do	4, 7	IP
25.28	do .....	.....	IP
25.30	do	4, 7	IP
25.32	do .....	.....	IP
27.43	do .....	.....	
27.45	do .....	.....	
27.47	do .....	.....	
27.49	do	10.	
27.51	Mobile	11.	
27.53	do	11.	
27.555	Base or mobile	89	
27.615	do	89	
27.635	do	89	
27.655	do	89	
27.765	do	89	
27.86	Base or mobile	89	
29.71	do .....	.....	
29.73	do .....	.....	
29.75	do .....	.....	
29.77	do .....	.....	
29.79	do .....	.....	
30.58	do .....	.....	
30.60	do .....	.....	
30.62	do .....	.....	
30.64	do .....	.....	
30.66	do	4, 7.	
30.68	do .....	.....	
30.70	do	4, 7	IP

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
30.72	do.		
30.74	do	4, 7.	
30.76	do.		
30.78	do	4, 7	IP
30.80	do.		
30.82	do	4, 7.	
30.84	Mobile	11, 12.	
30.86	Base or mobile	13	
30.88	do.		
30.90	do	13.	
30.92	do.		
30.94	do	13.	
30.96	do.		
30.98	do	13.	
31.00	do.		
31.02	do	13.	
31.04	do.		
31.06	do	13.	
31.08	do.		
31.10	do	13.	
31.12	do.		
31.14	do	13.	
31.16	do.		
31.20	do.		
31.24	do.		
31.28	do.		
31.32	do.		
31.36	do.		
31.40	do.		
31.44	do.		
31.48	do.		
31.52	do.		
31.56	do.		
31.60	do.		
31.64	do.		
31.68	do.		
31.72	do.		
31.76	do.		
31.80	do.		
31.84	do.		
31.88	do.		
31.92	do.		
31.96	do.		
33.12	Mobile	11	
33.14	Mobile	11, 12.	
33.16	Base or mobile		
33.18	do		IP
33.20	do		IP
33.22	do		IP
33.24	do		IP
33.26	do		IP
33.28	do		IP
33.30	do		IP
33.32	do		IP
33.34	do		IP
33.36	do		IP
33.38	do		IP
33.40	Mobile	12, 14.	
35.02	do	11, 12, 13.	
35.04	Base or Mobile	10.	
35.06	do.		
35.08	do.		
35.10	do.		
35.12	do.		
35.14	do.		
35.16	do.		
35.18	do.		
35.28	do.		
35.32	do.		
35.36	do.		

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
35.40	do.		
35.44	do		
35.48	do		
35.52	do		
35.70	do.		
35.72	do.		
35.74	do.		
35.76	do.		
35.78	do.		
35.80	do.		
35.82	do.		
35.84	do.		
35.86	do.		
35.88	do.		
35.90	do.		
35.92	do.		
35.94	do.		
35.96	do.		
35.98	do.		
36.25	do	15	IP
37.44	do.		
37.46	do		IW
37.48	do		IW
37.50	do		IW
37.52	do		IW
37.54	do		IW
37.56	do		IW
37.58	do		IW
37.60	Base, mobile, or operational fixed.	16	IW
37.62	Base or mobile		IW
37.64	do		IW
37.66	do		IW
37.68	do		IW
37.70	do		IW
37.72	do		IW
37.74	do		IW
37.76	do		IW
37.78	do		IW
37.80	do		IW
37.82	do		IW
37.84	Base, mobile, or operational fixed.	16	IW
37.86	Base or mobile		IW
37.88	do.		
41.71	do	15	IP
42.96	do.		
42.98	Mobile	11, 12.	
43.00	Base or mobile		
43.02	do.		
43.04	do	17.	
43.06	do.		
43.08	do.		
43.10	do.		
43.12	do.		
43.14	do.		
43.16	Mobile.		
43.18	Base or mobile.		
43.28	do.		
43.32	do.		
43.36	do.		
43.40	do.		
43.44	do.		
43.48	do.		
43.52	do.		
43.70	do.		
43.72	do	18.	
43.74	do	18.	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
43.76	do.		
43.78	do.		
43.80	do.		
43.82	do	18.	
43.84	do	18.	
43.86	do	19.	
43.88	do	19.	
43.90	do	19.	
43.92	do	18, 19.	
43.94	do	19.	
43.96	do	18.	
43.98	do.		
44.00	do.		
44.02	do.		
44.04	do.		
44.06	do.		
44.08	do.		
44.10	do	20.	
44.12	do	18.	
44.14	do.		
44.16	do	18.	
44.18	do	18.	
44.20	do	18, 21.	
44.22	do.		
44.24	do.		
44.26	do.		
44.28	do.		
44.30	do.		
44.32	do	18.	
44.34	do.		
44.36	do	18, 19.	
44.38	do	19.	
44.40	do	18, 19.	
44.42	do	19.	
44.44	do	19.	
44.46	do	18.	
44.48	do	18.	
44.50	do.		
44.52	do.		
44.54	do.		
44.56	do.		
44.58	do.		
44.60	do.		
47.44	do.		
47.48	do.		
47.52	do.		
47.56	do.		
47.60	do.		
47.64	do.		
47.68	do.		
47.70	do		IW
47.72	do		IW
47.74	do		IW
47.76	do		IW
47.78	do		IW
47.80	do		IW
47.82	do		IW
47.84	do		IW
47.86	do		IW
47.88	do		IW
47.90	do		IW
47.92	do		IW
47.94	do		IW
47.96	do		IW
47.98	do		IW
48.00	do		IW
48.02	do		IW
48.04	do		IW
48.06	do		IW
48.08	do		IW

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
48.10	do		IW
48.12	do		IW
48.14	do		IW
48.16	do		IW
48.18	do		IW
48.20	do		IW
48.22	do		IW
48.24	do		IW
48.26	do		IW
48.28	do		IW
48.30	do		IW
48.32	do		IW
48.34	do		IW
48.36	do		IW
48.38	do		IW
48.40	do		IW
48.42	do		IW
48.44	do		IW
48.46	do		IW
48.48	do		IW
48.50	do		IW
48.52	do		IW
48.54	do		IW
48.56	do.		
48.58	do.		
48.60	do.		
48.62	do.		
48.64	do.		
48.66	do.		
48.68	do.		
48.70	do.		
48.72	do.		
48.74	do.		
48.76	do	18.	
48.78	do.		
48.80	do.		
48.82	do.		
48.84	do	18.	
48.86	do	18.	
48.88	do.		
48.90	do.		
48.92	do	18.	
48.94	do.		
48.96	do.		
48.98	do.		
49.00	do.		
49.02	do	18.	
49.04	do.		
49.06	do.		
49.08	do	18.	
49.10	do	18.	
49.12	do.		
49.14	do.		
49.16	do	18.	
49.18	do.		
49.20	do	18.	
49.22	do.		
49.24	do	18.	
49.26	do	18.	
49.28	do	18.	
49.30	do.		
49.32	do.		
49.34	do.		
49.36	do	18.	
49.38	do.		
49.40	do	18.	
49.42	do.		
49.44	do.		
49.46	do	18.	
49.48	do.		

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
49.50	do	18.	
49.52	do.		
49.54	do.		
49.56	do.		
49.58	do.		
72 to 76	Operational fixed.	22.	
72.02	Mobile	23, 24.	
72.04	do	23, 24.	
72.06	do	23, 24.	
72.08	do	23, 24, 25.	
72.10	do	23, 24.	
72.12	do	23, 24.	
72.14	do	23, 24.	
72.16	do	23, 24, 25.	
72.18	do	23, 24.	
72.20	do	23, 24.	
72.22	do	23, 24.	
72.24	do	23, 24, 25.	
72.26	do	23, 24.	
72.28	do	23, 24.	
72.30	do	23, 24.	
72.32	do	23, 24, 25.	
72.34	do	23, 24.	
72.36	do	23, 24.	
72.38	do	23, 24.	
72.40	do	23, 24, 25.	
72.44	do	13, 24, 77.	
72.48	do	13, 24, 77.	
72.52	do	13, 24, 77.	
72.56	do	13, 24, 77.	
72.60	do	13, 24, 77.	
74.61	do	26, 77.	
74.63	do	26, 77.	
74.65	do	26, 77.	
74.67	do	26, 77.	
74.69	do	26, 77.	
74.71	do	26, 77.	
74.73	do	26, 77.	
74.75	do	26, 77.	
74.77	do	26, 77.	
74.79	do	26, 77.	
75.21	do	26, 77.	
75.23	do	26, 77.	
75.25	do	26, 77.	
75.27	do	26, 77.	
75.29	do	26, 77.	
75.31	do	26, 77.	
75.33	do	26, 77.	
75.35	do	26, 77.	
75.37	do	26, 77.	
75.39	do	26, 77.	
75.44	do	13, 24, 77.	
75.48	do	13, 24, 77.	
75.52	do	13, 24, 77.	
75.56	do	13, 24, 77.	
75.60	do	13, 24, 77.	
150 to 170	Base or mobile	27.	
150.815	do		LA
150.830	do	28, 29	LA
150.845	do		LA
150.8525	do	30	LA
150.860	do		LA
150.8675	do	30	LA
150.875	do		LA
150.8825	do	30	LA
150.890	do		LA
150.8975	do	30	LA
150.905	do		LA
150.920	do	28, 29	LA

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
150.935	do		LA
150.9425	do	30	LA
150.950	do		LA
150.9575	do	30	LA
150.965	do		LA
150.9725	do	30	LA
150.980	do	8	IP
150.9875	do	8, 30	IP
150.995	do	31.	
151.0025	do	30, 31	
151.010	do	31.	
151.0175	do	30, 31	
151.025	do	31.	
151.0325	do	30, 31	
151.040	do	31.	
151.0475	do	3031	
151.055	do	31.	
151.070	Base	28, 29, 31.	
151.085	Base or mobile	31.	
151.0925	do	30, 31	
151.100	do	31.	
151.1075	do	30, 31	
151.115	do	31.	
151.1225	do	30, 31	
151.130	do	31.	
151.1375	do	30, 31	
151.145	do	31.	
151.1525	do	30, 31	
151.160	do	31.	
151.1675	do	30, 31	
151.175	do	31.	
151.190	Base	28, 29, 31.	
151.205	Base or mobile	31.	
151.2125	do	30, 31	
151.220	do	31.	
151.2275	do	30, 31	
151.235	do	31.	
151.2425	do	30, 31	
151.250	do	31.	
151.2575	do	30, 31	
151.265	do	31.	
151.2725	do	30, 31	
151.280	do	31.	
151.2875	do	30, 31	
151.295	do	31.	
151.310	Base	28, 29, 31.	
151.325	Base or mobile	31.	
151.3325	do	30, 31	
151.340	do	31.	
151.3475	do	30, 31	
151.355	do	31.	
151.3625	do	30, 31	
151.370	do	31.	
151.3775	do	30, 31	
151.385	do	31.	
151.3925	do	30, 31	
151.400	do	31.	
151.4075	do	30, 31	
151.415	do	31.	
151.4225	do	30, 31	
151.430	do	31.	
151.4375	do	30, 31	
151.445	do	31.	
151.4525	do	30, 31	
151.460	do	31.	
151.4675	do	30, 31	
151.475	do	31.	
151.4825	do	30, 31	
151.490	do	13, 32.	
151.4975	do	30, 32	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
151.505	do	17.	
151.5125	do	30, 17	
151.520	do		
151.5275	do	30	
151.535	do		
151.5425	do	30	
151.550	do		
151.5575	do	30	
151.565	do		
151.5725	do	30	
151.580	do		
151.5875	do	30	
151.595	do		
151.6025	do	30	
151.625	do	10.	
151.640	do	10, 33.	
151.6475	do	30	
151.655	do		
151.6625	do	30	
151.670	do	30	
151.6775	do	30	
151.685	do		
151.700	do	10, 30, 34.	
151.715	do		
151.7225	do	30	
151.730	do	30	
151.7375	do	30	
151.745	do		
151.760	do	10, 30, 34.	
151.775	do		
151.7825	do	30	
151.790	do	30	
151.7975	do	30	
151.805	do		
151.835	Base or mobile.		
151.8425	do	30	
151.850	do	30	
151.8575	do	30	
151.865	do		
151.895	do		
151.9025	do	30	
151.910	do	30	
151.9175	do	30	
151.925	do		
151.955	do		
151.9625	do	30	
151.970	do	30	
151.9775	do	30	
151.985	do		
152.2625	do	33.	
152.270	do	6.	
152.2775	do	6, 30	
152.285	do	6.	
152.2925	do	6, 30	
152.300	do	6.	
152.3075	do	6, 30	
152.315	do	6.	
152.3225	do	6, 30	
152.330	do	6.	
152.3375	do	6, 30	
152.345	do	6.	
152.3525	do	6, 30	
152.360	do	6.	
152.3675	do	6, 30	
152.375	do	6.	
152.3825	do	6, 30	
152.390	do	6.	
152.3975	do	6, 30	
152.405	do	6.	
152.4125	do	6, 30	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
152.420	do	6.	
152.4275	do	6, 30	
152.435	do	6.	
152.4425	do	6, 30	
152.450	do	6.	
152.4575	do	6, 30	
152.465	do	79.	
152.480	do	29, 36, 37, 38.	
152.8625	do	33.	
152.870	do		
152.8775	do	30	
152.885	do		
152.8925	do	30	
152.900	do		
152.9075	do	30	
152.915	do		
152.9225	do	30	
152.930	do		
152.9375	do	30	
152.945	do		
152.9525	do	30	
152.960	do		
152.9675	do	30	
152.975	do		
152.9825	do	30	
152.990	do		
152.9975	do	30	
153.005	do		
153.0125	do	30	
153.020	do		
153.0275	do	30	
153.035	do		IP
153.0425	do	30.	
153.050	do	4, 7	IP
153.0575	do	4, 7, 30.	
153.065	do		IP
153.0725	do	30.	
153.080	do	4, 7	IP
153.0875	do	4, 7, 30.	
153.095	do		IP
153.1025	do	30, 80.	
153.110	do	4, 7	IP
153.1175	do	4, 7, 30.	
153.125	do		IP
153.1325	do	30.	
153.140	do	4, 7	IP
153.1475	do	4, 7, 30.	
153.155	do		IP
153.1625	do	30.	
153.170	do	4, 7	IP
153.1775	do	4, 7, 30.	
153.185	do		IP
153.1925	do	30.	
153.200	do	4, 7	IP
153.2075	do	4, 7, 30.	
153.215	do		IP
153.2225	do	30.	
153.230	do	4, 7	IP
153.2375	do	4, 7, 30.	
153.245	do		IP
153.2525	do	30.	
153.260	do	4, 7	IP
153.2675	do	4, 7, 30.	
153.275	do		IP
153.2825	do	30.	
153.290	do	4, 7	IP
153.2975	do	4, 7, 30.	
153.305	do		IP
153.3125	do	30.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
153.320	do	4, 7	IP
153.3275	do	4, 7, 30.	
153.335	do .....	.....	IP
153.3425	do	30.	
153.350	do	4, 7	IP
153.3575	do	4, 7, 30.	
153.365	do .....	.....	IP
153.3725	do	30.	
153.380	do .....	.....	IP
153.3875	do	30.	
153.395	do .....	.....	IP
153.4025	do	30.	
153.410	do .....	.....	IW
153.4175	do	30	IW
153.425	do	80	IP, IW
153.4325	do	30, 80	IP, IW
153.440	do	80	IP, IW
153.4475	do	30, 80	IP, IW
153.455	do	80	IP, IW
153.4625	do	30, 80	IP, IW
153.470	do .....	.....	IW
153.4775	do	30	IW
153.485	do	80	IP, IW
153.4925	do	30, 80	IP, IW
153.500	do	80	IP, IW
153.5075	do	30, 80	IP, IW
153.515	do	80	IP, IW
153.5225	do	30, 80	IP, IW
153.530	do .....	.....	IW
153.5375	do	30	IW
153.545	do	80	IP, IW
153.5525	do	30, 80	IP, IW
153.560	do	30, 80	IP, IW
153.5675	do	30, 80	IP, IW
153.575	do	80	IP, IW
153.5825	do	30, 80	IP, IW
153.590	do .....	.....	IW
153.5975	do	30	IW
153.605	do	80	IP, IW
153.6125	do	30, 80	IP, IW
153.620	do	80	IP, IW
153.6275	do	30, 80	IP, IW
153.635	do	80	IP, IW
153.6425	do	30, 80	IP, IW
153.650	do .....	.....	IW
153.6575	do	30	IW
153.665	do	80	IP, IW
153.6725	do	30, 80	IP, IW
153.680	do	80	IP, IW
153.6875	do	30, 80	IP, IW
153.695	do .....	.....	IW
153.7025	do	30	IW
153.710	do .....	.....	IW
153.7175	do	30	IW
153.725	do .....	.....	IW
153.7325	do	30	IW
154.45625	Fixed or mobile	39, 40, 41, 42.	
154.46375	do	39, 40, 43.	
154.47125	do	39, 40, 41, 44.	
154.47875	do	39, 40, 41, 42.	
154.4825	Base or mobile	30	
154.490	do .....	.....	
154.4975	do	30	
154.505	do	30	
154.515	do .....	.....	
154.5275	Mobile	10, 30, 34	
154.540	Base or mobile.	.....	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
154.5475	do	30	
154.555	do	33.	
154.585	Mobile	8, 46	IP
154.610	Base or mobile	33.	
154.625	do	36, 37, 48.	
154.640	Base	36, 37, 48.	
157.470	Base or mobile	12	LA
157.4775	do	12, 30	LA
157.485	do	12	LA
157.4925	do	12, 30	LA
157.500	do	12	LA
157.5075	do	12, 30	LA
157.515	do	12	LA
157.5225	do	12, 30	LA
157.530	Mobile	6.	
157.5375	do	6, 30	
157.545	do	6.	
157.5525	do	6, 30	
157.560	Base or mobile	6.	
157.5675	do	6, 30	
157.575	Mobile	6.	
157.5825	do	6, 30	
157.590	do	6.	
157.5975	do	6, 30	
157.605	do	6.	
157.6125	do	6, 30	
157.620	Base or mobile	6.	
157.6275	do	6, 30	
157.635	Mobile	6.	
157.6425	do	6, 30	
157.650	do	6.	
157.6575	do	6, 30	
157.665	do	6.	
157.6725	do	6, 30	
157.680	do	6.	
157.6875	do	6, 30	
157.695	do	6.	
157.7025	do	6, 30	
157.710	do	6.	
157.7175	do	6, 30	
157.725	Base or mobile	79.	
157.740	do	29, 36, 37, 38.	
158.1225	do	33	IW
158.130	do .....	.....	IW
158.1375	do	6, 30	IW
158.145	do .....	.....	IP, IW
158.1525	do	6, 30	IP, IW
158.160	do .....	.....	IP, IW
158.1675	do	6, 30	IP, IW
158.175	do	81	IP, IW
158.1825	do	30, 81	IP, IW
158.190	do .....	.....	IW
158.1975	do	30	IW
158.205	do	81	IP, IW
158.2125	do	30, 81	IP, IW
158.220	do	81	IP, IW
158.2275	do	30, 81	IP, IW
158.235	do	81	IP, IW
158.2425	do	30, 81	IP, IW
158.250	do .....	.....	IW
158.2575	do	30	IW
158.265	do	81	IP, IW
158.2725	do	30, 81	IP, IW
158.280	do .....	.....	IP
158.2875	do	30	IP
158.295	do		IP
158.3025	do	30	IP
158.310	do	4, 7	IP
158.3175	do	4, 7, 30	IP

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
158.325	do .....	.....	IP
158.3325	do	30	IP
158.340	Mobile.		
158.3475	do	30	
158.355	Base or mobile	.....	IP
158.3625	do	30	IP
158.370	do	4, 7	IP
158.3775	do	4, 7, 30	IP
158.385	do		
158.3925	do	30	
158.400	do	17	
158.4075	do	17, 30	
158.415	do		IP
158.4225	do	30	IP
158.430	do	4, 7	IP
158.4375	do	4, 7, 30	IP
158.445	Mobile	8, 49	IP
158.460	Base or mobile	29, 36, 37, 38, 48, 8, 82	IP
159.480	do	8, 30	IP
159.4875	do		
159.495	do		
159.5025	do	30	
159.510	do		
159.5175	do	30	
159.525	do		
159.5325	do	30	
159.540	do		
159.5475	do	30	
159.555	do		
159.5625	do	30	
159.570	do		
159.5775	do	30	
159.585	do		
159.5925	do	30	
159.600	do		
159.6075	do	30	
159.615	do		
159.6225	do	30	
159.630	do		
159.6375	do	30	
159.645	do		
159.6525	do	30	
159.660	do		
159.6675	do	30	
159.675	do		
159.6825	do	30	
159.690	do		
159.6975	do	30	
159.705	do		
159.7125	do	30	
159.720	do		
159.7275	do	30	
159.735	do		
159.7425	do	30	
159.750	do		
159.7575	do	30	
159.765	do		
159.7725	do	30	
159.780	do		
159.7875	do	30	
159.795	do		
159.8025	do	30	
159.810	do		
159.8175	do	30	
159.825	do		
159.8325	do	30	
159.840	do		
159.8475	do	30	
159.855	do		

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
159.8625	do	30	
159.870	do		
159.8775	do	30	
159.885	do		
159.8925	do	30	
159.900	do		
159.9075	do	30	
159.915	do		
159.9225	do	30	
159.930	do		
159.9375	do	30	
159.945	do		
159.9525	do	30	
159.960	do		
159.9675	do	30	
159.975	do		
159.9825	do	30	
159.990	do		
159.9975	do	30	
160.005	do		
160.0125	do	30	
160.020	do		
160.0275	do	30	
160.035	do		
160.0425	do	30	
160.050	do		
160.0575	do	30	
160.065	do		
160.0725	do	30	
160.080	do		
160.0875	do	30	
160.095	do		
160.1025	do	30	
160.110	do		
160.1175	do	30	
160.125	do		
160.1325	do	30	
160.140	do		
160.1475	do	30	
160.155	do		
160.1625	do	30	
160.170	do		
160.1775	do	30	
160.185	do		
160.1925	do	30	
160.200	do		
160.2075	do	30	
160.215	do	50	LR
160.2225	do	30, 50	LR
160.230	do	50	LR
160.2375	do	30, 50	LR
160.245	do	50	LR
160.2525	do	30, 50	LR
160.260	do	50	LR
160.2675	do	30, 50	LR
160.275	do	50	LR
160.2825	do	30, 50	LR
160.290	do	50	LR
160.2975	do	30, 50	LR
160.305	do	50	LR
160.3125	do	30, 50	LR
160.320	do	50	LR
160.3275	do	30, 50	LR
160.335	do	50	LR
160.3425	do	30, 50	LR
160.350	do	50	LR
160.3575	do	30, 50	LR
160.365	do	50	LR
160.3725	do	30, 50	LR
160.380	do	50	LR

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
160.3875	do	30, 50	LR
160.395	do	50	LR
160.4025	do	30, 50	LR
160.410	do	50, 52	LR
160.4175	do	30, 50, 52	LR
160.425	do	50, 52	LR
160.4325	do	30, 50, 52	LR
160.440	do	50, 52	LR
160.4475	do	30, 50, 52	LR
160.455	do	50, 52	LR
160.4625	do	30, 50, 52	LR
160.470	do	50, 52	LR
160.4775	do	30, 50, 52	LR
160.485	do	50, 52	LR
160.4925	do	30, 50, 52	LR
160.500	do	50, 52	LR
160.5075	do	30, 50, 52	LR
160.515	do	50, 52	LR
160.5225	do	30, 50, 52	LR
160.530	do	50, 52	LR
160.5375	do	30, 50, 52	LR
160.545	do	50, 52	LR
160.5525	do	30, 50, 52	LR
160.560	do	50, 52	LR
160.5675	do	30, 50, 52	LR
160.575	do	50, 52	LR
160.5825	do	30, 50, 52	LR
160.590	do	50, 52	LR
160.5975	do	30, 50, 52	LR
160.605	do	50, 52	LR
160.6125	do	30, 50, 52	LR
160.620	do	50	LR
160.6275	do	30, 50	LR
160.635	do	50	LR
160.6425	do	30, 50	LR
160.650	do	50	LR
160.6575	do	30, 50	LR
160.665	do	50	LR
160.6725	do	30, 50	LR
160.680	do	50	LR
160.6875	do	30, 50	LR
160.695	do	50	LR
160.7025	do	30, 50	LR
160.710	do	50	LR
160.7175	do	30, 50	LR
160.725	do	50	LR
160.7325	do	30, 50	LR
160.740	do	50	LR
160.7475	do	30, 50	LR
160.755	do	50	LR
160.7625	do	30, 50	LR
160.770	do	50	LR
160.7775	do	30, 50	LR
160.785	do	50	LR
160.7925	do	30, 50	LR
160.800	do	50	LR
160.8075	do	30, 50	LR
160.815	do	50	LR
160.8225	do	30, 50	LR
160.830	do	50	LR
160.8375	do	30, 50	LR
160.845	do	50	LR
160.8525	do	30, 50	LR
160.860	do	50, 51	LR
160.8675	do	30, 50, 51	LR
160.875	do	50, 51	LR
160.8825	do	30, 50, 51	LR
160.890	do	50, 51	LR
160.8975	do	30, 50, 51	LR
160.905	do	50, 51	LR

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
160.9125	do	30, 50, 51	LR
160.920	do	50, 51	LR
160.9275	do	30, 50, 51	LR
160.935	do	50, 51	LR
160.9425	do	30, 50, 51	LR
160.950	do	50, 51	LR
160.9575	do	30, 50, 51	LR
160.965	do	50, 51	LR
160.9725	do	30, 50, 51	LR
160.980	do	50, 51	LR
160.9875	do	30, 50, 51	LR
160.995	do	50, 51	LR
161.0025	do	30, 50, 51	LR
161.010	do	50, 51	LR
161.0175	do	30, 50, 51	LR
161.025	do	50, 51	LR
161.0325	do	30, 50, 51	LR
161.040	do	50, 51	LR
161.0475	do	30, 50, 51	LR
161.055	do	50, 51	LR
161.0625	do	30, 50, 51	LR
161.070	do	50, 51	LR
161.0775	do	30, 50, 51	LR
161.085	do	50, 51	LR
161.0925	do	30, 50, 51	LR
161.100	do	50, 51	LR
161.1075	do	30, 50, 51	LR
161.115	do	50, 51	LR
161.1225	do	30, 50, 51	LR
161.130	do	50, 51	LR
161.1375	do	30, 50, 51	LR
161.145	do	50, 51	LR
161.1525	do	30, 50, 51	LR
161.160	do	50, 51	LR
161.1675	do	30, 50, 51	LR
161.175	do	50, 51	LR
161.1825	do	30, 50, 51	LR
161.190	do	50, 51	LR
161.1975	do	30, 50, 51	LR
161.205	do	50, 51	LR
161.2125	do	30, 50, 51	LR
161.220	do	50, 51	LR
161.2275	do	30, 50, 51	LR
161.235	do	50, 51	LR
161.2425	do	30, 50, 51	LR
161.250	do	50, 51	LR
161.2575	do	30, 50, 51	LR
161.265	do	50, 51	LR
161.2725	do	30, 50, 51	LR
161.280	do	50, 51	LR
161.2875	do	30, 50, 51	LR
161.295	do	50, 51	LR
161.3025	do	30, 50, 51	LR
161.310	do	50, 51	LR
161.3175	do	30, 50, 51	LR
161.325	do	50, 51	LR
161.3325	do	30, 50, 51	LR
161.340	do	50, 51	LR
161.3475	do	30, 50, 51	LR
161.355	do	50, 51	LR
161.3625	do	30, 50, 51	LR
161.370	do	50, 51	LR
161.3775	do	30, 50, 51	LR
161.385	do	50, 52	LR
161.3925	do	30, 50, 52	LR
161.400	do	50, 52	LR
161.4075	do	30, 50, 52	LR
161.415	do	50, 52	LR
161.4225	do	30, 50, 52	LR
161.430	do	50, 52	LR

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
161.4375	do	30, 50, 52	LR
161.445	do	50, 52	LR
161.4525	do	30, 50, 52	LR
161.460	do	50, 52	LR
161.4675	do	30, 50, 52	LR
161.475	do	50, 52	LR
161.4825	do	30, 50, 52	LR
161.490	do	50, 52	LR
161.4975	do	30, 50, 52	LR
161.505	do	50, 52	LR
161.5125	do	30, 50, 52	LR
161.520	do	50, 52	LR
161.5275	do	30, 50, 52	LR
161.535	do	50, 52	LR
161.5425	do	30, 50, 52	LR
161.550	do	50, 52	LR
161.5575	do	30, 50, 52	LR
161.565	do	50, 52	LR
161.610	do	78	LR
169 to 172	Mobile, operational fixed.	53.	
173.20375	Fixed or mobile	39, 40, 41, 44,	
173.210	do	40, 41, 44, 54.	
173.225	Base or mobile.		
173.2375	Fixed or mobile	92, 93, 94, 95.	
173.250	Base or mobile		IP, IW
173.2625	Fixed or mobile	92, 93, 94, 95.	
173.275	Base or mobile.		
173.2875	Fixed or mobile	92, 93, 94, 95.	
173.300	Base or mobile		IP, IW
173.3125	Fixed or mobile	92, 93, 94, 95.	
173.325	Base or mobile.		
173.3375	Fixed or mobile	92, 93, 94, 95.	
173.350	Base or mobile		
173.3625	Fixed or mobile	92, 93, 94, 95.	
173.375	Base or mobile.		
173.390	Fixed or mobile	40, 41, 44, 54.	
173.39625	do	39, 40, 41, 44.	
216 to 217	Base or mobile	55	
217 to 220	Base, mobile, or operational fixed.	55	
220 to 222	Base or mobile		
406 to 416	Operational fixed.	53.	
450 to 470	Fixed, base, or mobile.	27, 57.	
451.01875	Base or mobile	33	IW
451.025	do		IW
451.03125	do	33	IW
451.0375	do	30	IW
451.04375	do	33	IW
451.050	do		IW
451.05625	do	33	IW
451.0625	do	30	IW
451.06875	do	33	IW
451.075	do		IW
451.08125	do	33	IW
451.0875	do	30	IW
451.09375	do	33	IW

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
451.100	do		IW
451.10625	do	33	IW
451.1125	do	30	IW
451.11875	do	33	IW
451.125	do		IW
451.13125	do	33	IW
451.1375	do	30	IW
451.14375	do	33	IW
451.150	do		IW
451.15625	do	33	IW
451.1625	do	30	IW
451.16875	do	33	IW
451.175	do		IP, IW
451.18125	do	33, 84.	
451.1875	do	30, 84.	
451.19375	do	33, 84.	
451.200	do		IW
451.20625	do	33	IW
451.2125	do	30	IW
451.21875	do	33	IW
451.225	do		IP, IW
451.23125	do	33, 84.	
451.2375	do	30, 84.	
451.24375	do	33, 84.	
451.250	do		IW
451.25625	do	33	IW
451.2625	do	30	IW
451.26875	do	33	IW
451.275	do		IP, IW
451.28125	do	33, 84.	
451.2875	do	30, 84.	
451.29375	do	33, 84.	
451.300	do		
451.30625	do	33, 84.	
451.3125	do	30, 84.	
451.31875	do	33, 84.	
451.325	do		
451.33125	do	33, 84.	
451.3375	do	30, 84.	
451.34375	do	33, 84.	
451.350	do		
451.35625	do	33, 84.	
451.3625	do	30, 84.	
451.36875	do	33, 84.	
451.375	do		IP, IW
451.38125	do	33, 84.	
451.3875	do	30, 84.	
451.39375	do	33, 84.	
451.400	do		
451.40625	do	33, 84.	
451.4125	do	30, 84.	
451.41875	do	33, 84.	
451.425	do		IP, IW
451.43125	do	33, 84.	
451.4375	do	30, 84.	
451.44375	do	33, 84.	
451.450	do		
451.45625	do	33, 84.	
451.4625	do	30, 84.	
451.46875	do	33, 84.	
451.475	do		IP, IW
451.48125	do	33, 84.	
451.4875	do	30, 84.	
451.49375	do	33, 84.	
451.500	do		
451.50625	do	33, 84.	
451.5125	do	30, 84.	
451.51875	do	33, 84.	
451.525	do		IP, IW
451.53125	do	33, 84.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
451.5375	do	30, 84.	IP
451.54375	do	33, 84.	
451.550	do	4, 7	
451.55625	do	4, 7, 33, 84.	
451.5625	do	4, 7, 30, 84.	IP, IW
451.56875	do	4, 7, 33, 84.	
451.575	do .....	.....	
451.58125	do	33, 84.	
451.5875	do	30, 84.	IP
451.59375	do	33, 84.	
451.600	do	4, 7	
451.60625	do	4, 7, 33, 84.	
451.6125	do	4, 7, 30, 84.	IP, IW
451.61875	do	4, 7, 33, 84.	
451.625	do .....	.....	
451.63125	do	33, 84.	
451.6375	do	30, 84.	IP
451.64375	do	33, 84.	
451.650	do	4, 7	
451.65625	do	4, 7, 33, 84.	
451.6625	do	4, 7, 30, 84.	IP, IW
451.66875	do	4, 7, 33, 84.	
451.675	do .....	.....	
451.68125	do	33, 84.	
451.6875	do	30, 84.	IP
451.69375	do	33, 84.	
451.700	do	4, 7	
451.70625	do	4, 7, 33, 84.	
451.7125	do	4, 7, 30, 84.	IP
451.71875	do	4, 7, 33, 84.	
451.725	do .....	.....	
451.73125	do	33, 84.	
451.7375	do	30, 84.	IP
451.74375	do	33, 84.	
451.750	do	4, 7	
451.75625	do	4, 7, 33, 84.	
451.7625	do	4, 7, 30, 84.	IP
451.76875	do	4, 7, 33, 84.	
451.775	do .....	.....	
451.78125	do	33.	
451.7875	do	30.	Base or mobile.
451.79375	do	33.	
451.800	Base, mobile, or operational fixed.	17, 58.	
451.80625	do	17, 33, 58.	
451.8125	do	17, 30, 58.	Base or mobile.
451.81875	do	17, 33, 58.	
451.825	do .....	.....	
451.83125	do	33.	
451.8375	do	30.	Base or mobile.
451.84375	do	33.	
451.850	do .....	.....	
451.85625	do	33.	
451.8625	do	30.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
451.86875	do	33.	IP
451.875	do .....	.....	
451.88125	do	33.	
451.8875	do	30.	
451.89375	do	33.	IP, IW
451.900	do .....	.....	
451.90625	do	33.	
451.9125	do	30.	
451.91875	do	33.	IP
451.925	do .....	.....	
451.93125	do	33.	
451.9375	do	30.	
451.94375	do	33.	IP
451.950	do .....	.....	
451.95625	do	33.	
451.9625	do	30.	
451.96875	do	33.	IP, IW
451.975	do .....	.....	
451.98125	do	33.	
451.9875	do	30.	
451.99375	do	33.	IP
452.000	do .....	.....	
452.00625	do	33.	
452.0125	do	30.	
452.01875	do	33.	IP
452.025	do .....	.....	
452.03125	do	33, 84.	
452.0375	do	30, 84.	
452.04375	do	33, 84.	IP, IW
452.050	do .....	.....	
452.05625	do	33, 84.	
452.0625	do	30, 84.	
452.06875	do	33, 84.	IP
452.075	do .....	.....	
452.08125	do	33, 84.	
452.0875	do	30, 84.	
452.09375	do	33, 84.	IP
452.100	do .....	.....	
452.10625	do	33, 84.	
452.1125	do	30, 84.	
452.11875	do	33, 84.	IP
452.125	do .....	.....	
452.13125	do	33, 84.	
452.1375	do	30, 84.	
452.14375	do	33, 84.	IP
452.150	do .....	.....	
452.15625	do	33, 84.	
452.1625	do	30, 84.	
452.16875	do	33, 84.	IP
452.175	do .....	.....	
452.18125	do	33, 84.	
452.1875	do	30, 84.	
452.19375	do	33, 84.	IP
452.200	do .....	.....	
452.20625	do	33.	
452.2125	do	30.	
452.21875	do	33.	Base or mobile.
452.225	do .....	.....	
452.23125	do	33.	
452.2375	do	30.	
452.24375	do	33.	Base or mobile.
452.250	do .....	.....	
452.25625	do	33.	
452.2625	do	30.	
452.26875	do	33.	Base or mobile.
452.275	do .....	.....	
452.28125	do	33, 84.	
452.2875	do	30, 84.	
452.29375	do	33, 84.	Base or mobile.
452.300	do		

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
452.30625	do	33, 84.	LR
452.3125	do	30, 84.	
452.31875	do	33, 84.	
452.325	do .....	.....	
452.33125	do	33.	
452.3375	do	30.	
452.34375	do	33.	
452.350	do .....	.....	
452.35625	do	33.	
452.3625	do	30.	
452.36875	do	33.	LR
452.375	do .....	.....	
452.38125	do	33.	
452.3875	do	30.	
452.39375	do	33.	
452.400	do .....	.....	
452.40625	do	33, 84.	
452.4125	do	30, 84.	
452.41875	do	33, 84.	
452.425	do		LR
452.43125	do	33.	
452.4375	do	30.	
452.44375	do	33.	
452.450	do .....	.....	
452.45625	do	33.	
452.4625	do	30.	
452.46875	do	33.	
452.475	do .....	.....	
452.48125	do	33, 84.	LR
452.4875	do	30, 84.	
452.49375	do	33, 84.	
452.500	do .....	.....	
452.50625	do	33, 84.	
452.5125	do	30, 84.	
452.51875	do	33, 84.	
452.525	do .....	.....	
452.53125	do	33, 84	
452.5375	do	30, 84	
452.54375	do	33, 84	LA
452.550	do .....	.....	
452.55625	do	33	
452.5625	do	30	
452.56875	do	33	
452.575	do .....	.....	
452.58125	do	33	
452.5875	do	30	
452.59375	do	33	
452.600	do .....	.....	
452.60625	do	33	LA
452.6125	do	30	
452.61875	do	33	
452.625	do .....	.....	
452.63125	do	33, 84.	
452.6375	do	30, 84.	
452.64375	do	33, 84.	
452.650	do .....	.....	
452.65625	do	33, 84.	
452.6625	do	30, 84.	
452.66875	do	33, 84.	LA
452.675	do .....	.....	
452.68125	do	33, 84.	
452.6875	do	30, 84.	
452.69375	do	33, 84.	
452.700	do .....	.....	
452.70625	do	33, 84.	
452.7125	do	30, 84.	
452.71875	do	33, 84.	
452.725	do .....	.....	
452.73125	do	33.	30.
452.7375	do	30.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
452.74375	do	33.	LR
452.750	do .....	.....	
452.75625	do	33, 84.	
452.7625	do	30, 84.	
452.76875	do	33, 84.	
452.775	do .....	.....	
452.78125	do	33, 84.	
452.7875	do	30, 84.	
452.79375	do	33, 84.	
452.800	do .....	.....	
452.80625	do	33, 84.	LR
452.8125	do	30, 84.	
452.81875	do	33, 84.	
452.825	do .....	.....	
452.83125	do	33, 84.	
452.8375	do	30, 84.	
452.84375	do	33, 84.	
452.850	do .....	.....	
452.85625	do	33, 84.	
452.8625	do	30, 84.	LR
452.86875	do	33, 84.	
452.875	do .....	.....	
452.88125	do	33, 84.	
452.8875	do	30, 84.	
452.89375	do	33, 84.	
452.900	do .....	.....	
452.90625	do	33	
452.9125	do	30	
452.91875	do	33	
452.925	do	59	LR
452.93125	do	33, 59	
452.9375	do	30, 59	
452.94375	do	33, 59	
452.950	do	59	
452.95625	do	33, 59	
452.9625	do	30, 59	
452.96875	do	33, 59	
452.975	do .....	.....	
452.98125	do	33, 84.	
452.9875	do	30, 84.	IP
452.99375	do	33, 84.	
453.000	do .....	.....	
453.00625	do	33.	
453.0125	do	30.	
453.01875	do	33.	
454.000	do	8	
456.01875	do	33	
456.025	Mobile	.....	
456.03125	do	33	
456.0375	do	30	IW
456.04375	do	33	
456.050	do .....	.....	
456.05625	do	33	
456.0625	do	30	
456.06875	do	33	
456.075	do .....	.....	
456.08125	do	33	
456.0875	do	30	
456.09375	do	33	
456.100	do		IW
456.10625	do	33	
456.1125	do	30	
456.11875	do	33	
456.125	do .....	.....	
456.13125	do	33	
456.1375	do	30	
456.14375	do	33	
456.150	do .....	.....	
456.15625	do	33	
456.1625	do	30	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
456.16875	do	33	IW
456.175	do		IP, IW
456.18125	do	33, 84.	
456.1875	do	30, 84.	
456.19375	do	33, 84.	
456.200	do		IW
456.20625	do	33	IW
456.2125	do	30	IW
456.21875	do	33	IW
456.225	do		IP, IW
456.23125	do	33, 84.	
456.2375	do	30, 84.	
456.24375	do	33, 84.	
456.250	do		IW
456.25625	do	33	IW
456.2625	do	30	IW
456.26875	do	33	IW
456.275	do		IP, IW
456.28125	do	33, 84.	
456.2875	do	30, 84.	
456.29375	do	33, 84.	
456.300	do		
456.30625	do	33, 84.	
456.3125	do	30, 84.	
456.31875	do	33, 84.	
456.325	do		
456.33125	do	33, 84.	
456.3375	do	30, 84.	
456.34375	do	33, 84.	
456.350	do		
456.35625	do	33, 84.	
456.3625	do	30, 84.	
456.36875	do	33, 84.	
456.375	do		IP, IW
456.38125	do	33, 84.	
456.3875	do	30, 84.	
456.39375	do	33, 84.	
456.400	do		
456.40625	do	33, 84.	
456.4125	do	30, 84.	
456.41875	do	33, 84.	
456.425	do		IP, IW
456.43125	do	33, 84.	
456.4375	do	30, 84.	
456.44375	do	33, 84.	
456.450	do		
456.45625	do	33, 84.	
456.4625	do	30, 84.	
456.46875	do	33, 84.	
456.475	do		IP, IW
456.48125	do	33, 84.	
456.4875	do	30, 84.	
456.49375	do	33, 84.	
456.500	do		
456.50625	do	33, 84.	
456.5125	do	30, 84.	
456.51875	do	33, 84.	
456.525	do		IP, IW
456.53125	do	33, 84.	
456.5375	do	30, 84.	
456.54375	do	33, 84.	
456.550	do		IP
456.55625	do	33, 84.	
456.5625	do	30, 84.	
456.56875	do	33, 84.	
456.575	do		IP, IW
456.58125	do	33, 84.	
456.5875	do	30, 84.	
456.59375	do	33, 84.	
456.600	do		IP

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
456.60625	do	33, 84.	
456.6125	do	30, 84.	
456.61875	do	33, 84.	
456.625	do		IP, IW
456.63125	do	33, 84.	
456.6375	do	30, 84.	
456.64375	do	33, 84.	
456.650	do		IP
456.65625	do	33, 84.	
456.6625	do	30, 84.	
456.66875	do	33, 84.	
456.675	do		IP, IW
456.68125	do	33, 84.	
456.6875	do	30, 84.	
456.69375	do	33, 84.	
456.700	do		IP
456.70625	do	33, 84.	
456.7125	do	30, 84.	
456.71875	do	33, 84.	
456.725	do		
456.73125	do	33, 84.	
456.7375	do	30, 84.	
456.74375	do	33, 84.	
456.750	do		IP
456.75625	do	33, 84.	
456.7625	do	30, 84.	
456.76875	do	33, 84.	
456.775	do		
456.78125	do	33.	
456.7875	do	30.	
456.79375	do	33.	
456.800	Base, mobile, or operational fixed.	17, 58.	
456.80625	do	17, 33, 58.	
456.8125	do	17, 30, 58.	
456.81875	do	17, 33, 58.	
456.825	Mobile.		
456.83125	do	33.	
456.8375	do	30.	
456.84375	do	33.	
456.850	do		
456.85625	do	33.	
456.8625	do	30.	
456.86875	do	33.	
456.875	do		
456.88125	do	33.	
456.8875	do	30.	
456.89375	do	33.	
456.900	do		
456.90625	do	33.	
456.9125	do	30.	
456.91875	do	33.	
456.925	do		
456.93125	do	33.	
456.9375	do	30.	
456.94375	do	33.	
456.950	do		
456.95625	do	33.	
456.9625	do	30.	
456.96875	do	33.	
456.975	do		
456.98125	do	33.	
456.9875	do	30.	
456.99375	do	33.	
457.000	do		
457.00625	do	33.	
457.0125	do	30.	
457.01875	do	33.	
457.025	do		

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
457.03125	do	33, 84.	
457.0375	do	30, 84.	
457.04375	do	33, 84.	
457.050	do		
457.05625	do	33, 84.	
457.0625	do	30, 84.	
457.06875	do	33, 84.	
457.075	do		
457.08125	do	33, 84.	
457.0875	do	30, 84.	
457.09375	do	33, 84.	
457.100	do		
457.10625	do	33, 84.	
457.1125	do	30, 84.	
457.11875	do	33, 84.	
457.125	do		
457.13125	do	33, 84.	
457.1375	do	30, 84.	
457.14375	do	33, 84.	
457.150	do		
457.15625	do	33, 84.	
457.1625	do	30, 84.	
457.16875	do	33, 84.	
457.175	do		
457.18125	do	33, 84.	
457.1875	do	30, 84.	
457.19375	do	33, 84.	
457.200	do		
457.20625	do	33.	
457.2125	do	30.	
457.21875	do	33.	
457.225	do		
457.23125	do	33.	
457.2375	do	30.	
457.24375	do	33.	
457.250	do		
457.25625	do	33.	
457.2625	do	30.	
457.26875	do	33.	
457.275	do		
457.28125	do	33, 84.	
457.2875	do	30, 84.	
457.29375	do	33, 84.	
457.300	do		
457.30625	do	33, 84.	
457.3125	do	30, 84.	
457.31875	do	33, 84.	
457.325	do		LR
457.33125	do	33.	
457.3375	do	30.	
457.34375	do	33.	
457.350	do		
457.35625	do	33.	
457.3625	do	30.	
457.36875	do	33.	
457.375	do		LR
457.38125	do	33.	
457.3875	do	30.	
457.39375	do	33.	
457.400	do		
457.40625	do	33, 84.	
457.4125	do	30, 84.	
457.41875	do	33, 84.	
457.425	do		LR
457.43125	do	33.	
457.4375	do	30.	
457.44375	do	33.	
457.450	do		
457.45625	do	33.	
457.4625	do	30.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
457.46875	do	33.	
457.475	do		LR
457.48125	do	33, 84.	
457.4875	do	30, 84.	
457.49375	do	33, 84.	
457.500	do		
457.50625	do	33, 84.	
457.5125	do	30, 84.	
457.51875	do	33, 84.	
457.525	do	12, 47, 60.	
457.53125	do	11, 12, 33,	
		47, 60.	
457.5375	do	11, 12, 30,	
		47, 60.	
457.54375	do	11, 12, 33,	
		47, 60.	
457.550	do	12, 47, 60.	
457.55625	do	11, 12, 33,	
		47, 60.	
457.5625	do	12, 30, 47,	
		60.	
457.56875	do	11, 12, 33,	
		47, 60.	
457.575	do	12, 47, 60.	
457.58125	do	11, 12, 33,	
		47, 60.	
457.5875	do	12, 30, 47,	
		60.	
457.59375	do	11, 12, 33,	
		47, 60.	
457.600	do	12, 47, 60.	
457.60625	do	11, 12, 33,	
		47, 60.	
457.6125	do	12, 30, 47,	
		60.	
457.61875	do	11, 12, 33,	
		47, 60.	
457.625	do		
457.63125	do	33, 84.	
457.6375	do	30, 84.	
457.64375	do	33, 84.	
457.650	do		
457.65625	do	33, 84.	
457.6625	do	30, 84.	
457.66875	do	33, 84.	
457.675	do		
457.68125	do	33, 84.	
457.6875	do	30, 84.	
457.69375	do	33, 84.	
457.700	do		
457.70625	do	33, 84.	
457.7125	do	30, 84.	
457.71875	do	33, 84.	
457.725	do		
457.73125	do	33.	
457.7375	do	30.	
457.74375	do	33.	
457.750	do		
457.75625	do	33.	
457.7625	do	30.	
457.76875	do	33.	
457.775	do		LR
457.78125	do	33, 84.	
457.7875	do	30, 84.	
457.79375	do	33, 84.	
457.800	do		
457.80625	do	33, 84.	
457.8125	do	30, 84.	
457.81875	do	33, 84.	
457.825	do		LR

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
457.83125	do	33, 84.	LR
457.8375	do	30, 84.	
457.84375	do	33, 84.	
457.850	do		
457.85625	do	33, 84.	
457.8625	do	30, 84.	
457.86875	do	33, 84.	
457.875	do		
457.88125	do	33, 84.	
457.8875	do	30, 84.	
457.89375	do	33, 84.	
457.900	do		
457.90625	do	33	
457.9125	do	30	
457.91875	do	33	
457.925	do	59	
457.93125	do	33, 59	
457.9375	do	30, 59	
457.94375	do	33, 59	
457.950	do	59	
457.95625	do	33, 59	
457.9625	do	30, 59	IP
457.96875	do	33, 59	
457.975	do		
457.98125	do	33, 84.	
457.9875	do	30, 84.	
457.99375	do	33, 84.	
458.000	do		
458.00625	do	33.	
458.0125	do	30.	
458.01875	do	33.	
459.000	Base or mobile	8	
460.650	do	61, 62.	
460.65625	do	33, 61, 62.	
460.6625	do	30, 61, 62, 69.	
460.66875	do	33, 61, 62.	
460.675	do	61, 62.	
460.68125	do	33, 61, 62.	
460.6875	do	30, 61, 62, 69.	
460.69375	do	33, 61, 62.	
460.700	do	61, 62.	
460.70625	do	33, 61, 62.	
460.7125	do	30, 61, 62, 69.	
460.71875	do	33, 61, 62.	
460.725	do	61, 62.	
460.73125	do	33, 61, 62.	
460.7375	do	30, 61, 62, 69.	
460.74375	do	33, 61, 62.	
460.750	do	61, 62.	
460.75625	do	33, 61, 62.	
460.7625	do	30, 61, 62, 69.	
460.76875	do	33, 61, 62.	
460.775	do	61, 62.	
460.78125	do	33, 61, 62.	
460.7875	do	30, 61, 62, 69.	
460.79375	do	33, 61, 62.	
460.800	do	61, 62.	
460.80625	do	33, 61, 62.	
460.8125	do	30, 61, 62, 69.	
460.81875	do	33, 61, 62.	
460.825	do	61, 62.	
460.83125	do	33, 61, 62.	
460.8375	do	30, 61, 62, 69.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
460.84375	do	33, 61, 62.	
460.850	do	61, 62.	
460.85625	do	33, 61, 62.	
460.8625	do	30, 61, 62, 69.	
460.86875	do	33, 61, 62.	
460.875	do	61, 62.	
460.88125	do	33, 61, 62.	
460.8875	do	30, 61, 62, 69.	
460.89375	do	33, 61, 62.	
460.900	do	63, 64, 65.	
460.90625	do	33, 63, 65, 87.	
460.9125	do	63, 65, 83	
460.91875	do	87.	
460.925	do	33, 63, 65, 87.	
460.93125	do	63, 64, 65.	
460.9375	do	33, 63, 65, 87.	
460.94375	do	63, 65, 83, 87.	
460.950	do	33, 63, 65, 87.	
460.95625	do	63, 64, 65.	
460.9625	do	33, 63, 65, 87.	
460.96875	do	63, 65, 83, 87.	
460.975	do	33, 63, 65, 87.	
460.98125	do	64, 65, 66	
460.9875	do	33, 65, 66, 87.	
460.99375	do	65, 66, 83, 87.	
461.000	do	33, 65, 66, 87.	
461.00625	do	65, 66, 83, 87.	
461.0125	do	33, 65, 66, 87.	
461.01875	do	62.	
461.025	do	33, 86.	
461.03125	do	83, 86.	
461.0375	do	33, 86.	
461.04375	do	62.	
461.050	do	33, 86.	
461.05625	do	83, 86.	
461.0625	do	33, 86.	
461.06875	do	62.	
461.075	do	33, 86.	
461.08125	do	83, 86.	
461.0875	do	33, 86.	
461.09375	do	62.	
461.100	do	33, 86.	
461.10625	do	83, 86.	
461.1125	do	62.	
461.11875	do	33, 86.	
461.125	do	33, 86.	
461.13125	do	62.	
461.1375	do	33, 86.	
461.14375	do	33, 86.	
461.150	do	33, 86.	
461.15625	do	33, 86.	
461.1625	do	33, 86.	
461.16875	do	33, 86.	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
461.175	do	62.	
461.18125	do	33, 86.	
461.1875	do	83, 86.	
461.19375	do	33, 86.	
461.200	do	62.	
461.20625	do	33, 86.	
461.2125	do	83, 86.	
461.21875	do	33, 86.	
461.225	do	62.	
461.23125	do	33, 86.	
461.2375	do	83, 86.	
461.24375	do	33, 86.	
461.250	do	62.	
461.25625	do	33, 86.	
461.2625	do	83, 86.	
461.26875	do	33, 86.	
461.275	do	62.	
461.28125	do	33, 86.	
461.2875	do	83, 86.	
461.29375	do	33, 86.	
461.300	do	62.	
461.30625	do	33, 86.	
461.3125	do	83, 86.	
461.31875	do	33, 86.	
461.325	do	62.	
461.33125	do	33, 86.	
461.3375	do	83, 86.	
461.34375	do	33, 86.	
461.350	do	62.	
461.35625	do	33, 86.	
461.3625	do	83, 86.	
461.36875	do	33, 86.	
461.375	do	62.	
461.38125	do	33, 62.	
461.3875	do	30, 62.	
461.39375	do	33, 62.	
461.400	do	62.	
461.40625	do	33, 62.	
461.4125	do	30, 62.	
461.41875	do	33, 62.	
461.425	do	62.	
461.43125	do	33, 62.	
461.4375	do	30, 62.	
461.44375	do	33, 62.	
461.450	do	62.	
461.45625	do	33, 62.	
461.4625	do	30, 62.	
461.46875	do	33, 62.	
461.475	do	62.	
461.48125	do	33, 62.	
461.4875	do	30, 62.	
461.49375	do	33, 62.	
461.500	do	62.	
461.50625	do	33, 62.	
461.5125	do	30, 62.	
461.51875	do	33, 62.	
461.525	do	62.	
461.53125	do	33, 62.	
461.5375	do	30, 62.	
461.54375	do	33, 62.	
461.550	do	62.	
461.55625	do	33, 62.	
461.5625	do	30, 62.	
461.56875	do	33, 62.	
461.575	do	62.	
461.58125	do	33, 62.	
461.5875	do	30, 62.	
461.59375	do	33, 62.	
461.600	do	62.	
461.60625	do	33, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
461.6125	do	30, 62.	
461.61875	do	33, 62.	
461.625	do	62.	
461.63125	do	33, 62.	
461.6375	do	30, 62.	
461.64375	do	33, 62.	
461.650	do	62.	
461.65625	do	33, 62.	
461.6625	do	30, 62.	
461.66875	do	33, 62.	
461.675	do	62.	
461.68125	do	33, 62.	
461.6875	do	30, 62.	
461.69375	do	33, 62.	
461.700	do	62.	
461.70625	do	33, 62.	
461.7125	do	30, 62.	
461.71875	do	33, 62.	
461.725	do	62.	
461.73125	do	33, 62.	
461.7375	do	30, 62.	
461.74375	do	33, 62.	
461.750	do	62.	
461.75625	do	33, 62.	
461.7625	do	30, 62.	
461.76875	do	33, 62.	
461.775	do	62.	
461.78125	do	33, 62.	
461.7875	do	30, 62.	
461.79375	do	33, 62.	
461.800	do	62.	
461.80625	do	33, 62.	
461.8125	do	30, 62.	
461.81875	do	33, 62.	
461.825	do	62.	
461.83125	do	33, 62.	
461.8375	do	30, 62.	
461.84375	do	33, 62.	
461.850	do	62.	
461.85625	do	33, 62.	
461.8625	do	30, 62.	
461.86875	do	33, 62.	
461.875	do	62.	
461.88125	do	33, 62.	
461.8875	do	30, 62.	
461.89375	do	33, 62.	
461.900	do	62.	
461.90625	do	33, 62.	
461.9125	do	30, 62.	
461.91875	do	33, 62.	
461.925	do	62.	
461.93125	do	33, 62.	
461.9375	do	30, 62.	
461.94375	do	33, 62.	
461.950	do	62.	
461.95625	do	33, 62.	
461.9625	do	30, 62.	
461.96875	do	33, 62.	
461.975	do	62.	
461.98125	do	33, 62.	
461.9875	do	30, 62.	
461.99375	do	33, 62.	
462.000	do	62.	
462.00625	do	33, 62.	
462.0125	do	30, 62.	
462.01875	do	33, 62.	
462.025	do	62.	
462.03125	do	33, 62.	
462.0375	do	30, 62.	
462.04375	do	33, 62.	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
462.050	do	62.	
462.05625	do	33, 62.	
462.0625	do	30, 62.	
462.06875	do	33, 62.	
462.075	do	62.	
462.08125	do	33, 62.	
462.0875	do	30, 62.	
462.09375	do	33, 62.	
462.100	do	62.	
462.10625	do	33, 62.	
462.1125	do	30, 62.	
462.11875	do	33, 62.	
462.125	do	62.	
462.13125	do	33, 62.	
462.1375	do	30, 62.	
462.14375	do	33, 62.	
462.150	do	62.	
462.15625	do	33, 62.	
462.1625	do	30, 62.	
462.16875	do	33, 62.	
462.175	do	62.	
462.18125	do	33, 84.	
462.1875	do	83, 84.	
462.19375	do	33, 84.	
462.200	do		
462.20625	do	33, 85.	
462.2125	do	83, 85.	
462.21875	do	33, 85.	
462.225	do		
462.23125	do	33, 85.	
462.2375	do	83, 85.	
462.24375	do	33, 85.	
462.250	do		
462.25625	do	33, 85.	
462.2625	do	83, 85.	
462.26875	do	33, 85.	
462.275	do		
462.28125	do	33, 85.	
462.2875	do	83, 85.	
462.29375	do	33, 85.	
462.300	do		
462.30625	do	33, 85.	
462.3125	do	83, 85.	
462.31875	do	33, 85.	
462.325	do		
462.33125	do	33, 85.	
462.3375	do	83, 85.	
462.34375	do	33, 85.	
462.350	do		
462.35625	do	33, 85.	
462.3625	do	83, 85.	
462.36875	do	33, 85.	
462.375	do		
462.38125	do	33, 85.	
462.3875	do	83, 85.	
462.39375	do	33, 85.	
462.400	do		
462.40625	do	33, 85.	
462.4125	do	83, 85.	
462.41875	do	33, 85.	
462.425	do		
462.43125	do	33, 85.	
462.4375	do	83, 85.	
462.44375	do	33, 85.	
462.450	do		
462.45625	do	33, 84.	
462.4625	do	83, 84.	
462.46875	do	33, 84.	
462.475	do		IP, IW
462.48125	do	33, 84.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
462.4875	do	83, 84.	
462.49375	do	84.	
462.500	do		
462.50625	do	33, 84.	
462.5125	do	83, 84.	
462.51875	do	33, 84.	
462.525	do		IP, IW
462.53125	do	33.	
462.750	Base	29, 36.	
462.7625	Mobile	67, 86.	
462.775	Base	29, 36.	
462.7875	Mobile	67, 86.	
462.800	Base	29, 36.	
462.8125	Mobile	67, 86.	
462.825	Base	29, 36.	
462.8375	Mobile	67, 86.	
462.850	Base	29, 36.	
462.8625	Mobile	67, 86.	
462.875	Base	29, 36.	
462.8875	Mobile	67, 86.	
462.900	Base	29, 36.	
462.9125	Mobile	67, 86.	
462.925	Base	29, 36.	
462.9375	Mobile	88.	
462.94375	Base or mobile	33.	
463.200	do	62.	
463.20625	do	33, 62.	
463.2125	do	30, 62.	
463.21875	do	33, 62.	
463.225	do	62.	
463.23125	do	33, 62.	
463.2375	do	30, 62.	
463.24375	do	33, 62.	
463.250	do	62.	
463.25625	do	33, 62.	
463.2625	do	30, 62.	
463.26875	do	33, 62.	
463.275	do	62.	
463.28125	do	33, 62.	
463.2875	do	30, 62.	
463.29375	do	33, 62.	
463.300	do	62.	
463.30625	do	33, 62.	
463.3125	do	30, 62.	
463.31875	do	33, 62.	
463.325	do	62.	
463.33125	do	33, 62.	
463.3375	do	30, 62.	
463.34375	do	33, 62.	
463.350	do	62.	
463.35625	do	33, 62.	
463.3625	do	30, 62.	
463.36875	do	33, 62.	
463.375	do	62.	
463.38125	do	33, 62.	
463.3875	do	30, 62.	
463.39375	do	33, 62.	
463.400	do	62.	
463.40625	do	33, 62.	
463.4125	do	30, 62.	
463.41875	do	33, 62.	
463.425	do	62.	
463.43125	do	33, 62.	
463.4375	do	30, 62.	
463.44375	do	33, 62.	
463.450	do	62.	
463.45625	do	33, 62.	
463.4625	do	30, 62.	
463.46875	do	33, 62.	
463.475	do	62.	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
463.48125	do	33, 62.	
463.4875	do	30, 62.	
463.49375	do	33, 62.	
463.500	do	62.	
463.50625	do	33, 62.	
463.5125	do	30, 62.	
463.51875	do	33, 62.	
463.525	do	62.	
463.53125	do	33, 62.	
463.5375	do	30, 62.	
463.54375	do	33, 62.	
463.550	do	62.	
463.55625	do	33, 62.	
463.5625	do	30, 62.	
463.56875	do	33, 62.	
463.575	do	62.	
463.58125	do	33, 62.	
463.5875	do	30, 62.	
463.59375	do	33, 62.	
463.600	do	62.	
463.60625	do	33, 62.	
463.6125	do	30, 62.	
463.61875	do	33, 62.	
463.625	do	62.	
463.63125	do	33, 62.	
463.6375	do	30, 62.	
463.64375	do	33, 62.	
463.650	do	62.	
463.65625	do	33, 62.	
463.6625	do	30, 62.	
463.66875	do	33, 62.	
463.675	do	62.	
463.68125	do	33, 62.	
463.6875	do	30, 62.	
463.69375	do	33, 62.	
463.700	do	62.	
463.70625	do	33, 62.	
463.7125	do	30, 62.	
463.71875	do	33, 62.	
463.725	do	62.	
463.73125	do	33, 62.	
463.7375	do	30, 62.	
463.74375	do	33, 62.	
463.750	do	62.	
463.75625	do	33, 62.	
463.7625	do	30, 62.	
463.76875	do	33, 62.	
463.775	do	62.	
463.78125	do	33, 62.	
463.7875	do	30, 62.	
463.79375	do	33, 62.	
463.800	do	62.	
463.80625	do	33, 62.	
463.8125	do	30, 62.	
463.81875	do	33, 62.	
463.825	do	62.	
463.83125	do	33, 62.	
463.8375	do	30, 62.	
463.84375	do	33, 62.	
463.850	do	62.	
463.85625	do	33, 62.	
463.8625	do	30, 62.	
463.86875	do	33, 62.	
463.875	do	62.	
463.88125	do	33, 62.	
463.8875	do	30, 62.	
463.89375	do	33, 62.	
463.900	do	62.	
463.90625	do	33, 62.	
463.9125	do	30, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
463.91875	do	33, 62.	
463.925	do	62.	
463.93125	do	33, 62.	
463.9375	do	30, 62.	
463.94375	do	33, 62.	
463.950	do	62.	
463.95625	do	33, 62.	
463.9625	do	30, 62.	
463.96875	do	33, 62.	
463.975	do	62.	
463.98125	do	33, 62.	
463.9875	do	30, 62.	
463.99375	do	33, 62.	
464.000	do	62.	
464.00625	do	33, 62.	
464.0125	do	30, 62.	
464.01875	do	33, 62.	
464.025	do	62.	
464.03125	do	33, 62.	
464.0375	do	30, 62.	
464.04375	do	33, 62.	
464.050	do	62.	
464.05625	do	33, 62.	
464.0625	do	30, 62.	
464.06875	do	33, 62.	
464.075	do	62.	
464.08125	do	33, 62.	
464.0875	do	30, 62.	
464.09375	do	33, 62.	
464.100	do	62.	
464.10625	do	33, 62.	
464.1125	do	30, 62.	
464.11875	do	33, 62.	
464.125	do	62.	
464.13125	do	33, 62.	
464.1375	do	30, 62.	
464.14375	do	33, 62.	
464.150	do	62.	
464.15625	do	33, 62.	
464.1625	do	30, 62.	
464.16875	do	33, 62.	
464.175	do	62.	
464.18125	do	33, 62.	
464.1875	do	30, 62.	
464.19375	do	33, 62.	
464.200	do	62.	
464.20625	do	33, 62.	
464.2125	do	30, 62.	
464.21875	do	33, 62.	
464.225	do	62.	
464.23125	do	33, 62.	
464.2375	do	30, 62.	
464.24375	do	33, 62.	
464.250	do	62.	
464.25625	do	33, 62.	
464.2625	do	30, 62.	
464.26875	do	33, 62.	
464.275	do	62.	
464.28125	do	33, 62.	
464.2875	do	30, 62.	
464.29375	do	33, 62.	
464.300	do	62.	
464.30625	do	33, 62.	
464.3125	do	30, 62.	
464.31875	do	33, 62.	
464.325	do	62.	
464.33125	do	33, 62.	
464.3375	do	30, 62.	
464.34375	do	33, 62.	
464.350	do	62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
464.35625	do	33, 62.	
464.3625	do	30, 62.	
464.36875	do	33, 62.	
464.375	do	62.	
464.38125	do	33, 62.	
464.3875	do	30, 62.	
464.39375	do	33, 62.	
464.400	do	62.	
464.40625	do	33, 62.	
464.4125	do	30, 62.	
464.41875	do	33, 62.	
464.425	do	62.	
464.43125	do	33, 62.	
464.4375	do	30, 62.	
464.44375	do	33, 62.	
464.450	do	62.	
464.45625	do	33, 62.	
464.4625	do	30, 62.	
464.46875	do	33, 62.	
464.475	do	62.	
464.48125	do	33, 86.	
464.4875	do	83, 86.	
464.500	do	10, 34.	
464.5125	do	83, 86.	
464.51875	do	33, 86.	
464.525	do	62.	
464.53125	do	33, 86.	
464.5375	do	83, 86.	
464.550	do	10, 34.	
464.5625	do	83, 86.	
464.56875	do	33, .	
464.575	do	62.	
464.58125	do	33, 62.	
464.5875	do	30, 62.	
464.59375	do	33, 62.	
464.600	do	62.	
464.60625	do	33, 62.	
464.6125	do	30, 62.	
464.61875	do	33, 62.	
464.625	do	62.	
464.63125	do	33, 62.	
464.6375	do	30, 62.	
464.64375	do	33, 62.	
464.650	do	62.	
464.65625	do	33, 62.	
464.6625	do	30, 62.	
464.66875	do	33, 62.	
464.675	do	62.	
464.68125	do	33, 62.	
464.6875	do	30, 62.	
464.69375	do	33, 62.	
464.700	do	62.	
464.70625	do	33, 62.	
464.7125	do	30, 62.	
464.71875	do	33, 62.	
464.725	do	62.	
464.73125	do	33, 62.	
464.7375	do	30, 62.	
464.74375	do	33, 62.	
464.750	do	62.	
464.75625	do	33, 62.	
464.7625	do	30, 62.	
464.76875	do	33, 62.	
464.775	do	62.	
464.78125	do	33, 62.	
464.7875	do	30, 62.	
464.79375	do	33, 62.	
464.800	do	62.	
464.80625	do	33, 62.	
464.8125	do	30, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
464.81875	do	33, 62.	
464.825	do	62.	
464.83125	do	33, 62.	
464.8375	do	30, 62.	
464.84375	do	33, 62.	
464.850	do	62.	
464.85625	do	33, 62.	
464.8625	do	30, 62.	
464.86875	do	33, 62.	
464.875	do	62.	
464.88125	do	33, 62.	
464.8875	do	30, 62.	
464.89375	do	33, 62.	
464.900	do	62.	
464.90625	do	33, 62.	
464.9125	do	30, 62.	
464.91875	do	33, 62.	
464.925	do	62.	
464.93125	do	33, 62.	
464.9375	do	30, 62.	
464.94375	do	33, 62.	
464.950	do	62.	
464.95625	do	33, 62.	
464.9625	do	30, 62.	
464.96875	do	33, 62.	
464.975	do	62.	
464.98125	do	33, 62.	
464.9875	Mobile	67.	
465.000	Base	29, 34, 36.	
465.0125	Mobile	88.	
465.01875	do	33, 34.	
465.650	do	62, 68.	
465.65625	do	33, 62, 68.	
465.6625	do	30, 62, 68, 69.	
465.66875	do	33, 62, 68.	
465.675	do	62, 68.	
465.68125	do	33, 62, 68.	
465.6875	do	30, 62, 68, 69.	
465.69375	do	33, 62, 68.	
465.700	do	62, 68.	
465.70625	do	33, 62, 68.	
465.7125	do	30, 62, 68, 69.	
465.71875	do	33, 62, 68.	
465.725	do	62, 68.	
465.73125	do	33, 62, 68.	
465.7375	do	30, 62, 68, 69.	
465.74375	do	33, 62, 68.	
465.750	do	62, 68.	
465.75625	do	33, 62, 68.	
465.7625	do	30, 62, 68, 69.	
465.76875	do	33, 62, 68.	
465.775	do	62, 68.	
465.78125	do	33, 62, 68.	
465.7875	do	30, 62, 68, 69.	
465.79375	do	33, 62, 68.	
465.800	do	62, 68.	
465.80625	do	33, 62, 68.	
465.8125	do	30, 62, 68, 69.	
465.81875	do	33, 62, 68.	
465.825	do	62, 68.	
465.83125	do	33, 62, 68.	
465.8375	do	30, 62, 68, 69.	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
465.84375	do	33, 62, 68.	
465.850	do	62, 68.	
465.85625	do	33, 62, 68.	
465.8625	do	30, 62, 68, 69.	
465.86875	do	33, 62, 68.	
465.875	do	62, 68.	
465.88125	do	33, 62, 68.	
465.8875	do	30, 62, 68, 69.	
465.89375	do	33, 62, 68.	
465.900	do	63, 64.	
465.90625	do	33, 63, 87.	
465.9125	do	63, 83, 87.	
465.91875	do	33, 63, 87.	
465.925	do	63, 64.	
465.93125	do	33, 63, 87.	
465.9375	do	63, 83, 87.	
465.94375	do	33, 63, 87.	
465.950	do	63, 64.	
465.95625	do	33, 63, 87.	
465.9625	do	63, 83, 87.	
465.96875	do	33, 63, 64.	
465.975	do	64, 66.	
465.98125	do	33, 66, 87.	
465.9875	do	66, 83, 87.	
465.99375	do	33, 66, 87.	
466.000	do	64, 66.	
466.00625	do	33, 66, 87.	
466.0125	do	66, 69, 83, 87.	
466.01875	do	33, 66, 87.	
466.025	do	62.	
466.03125	do	33, 86.	
466.0375	do	83, 86.	
466.04375	do	33, 86.	
466.050	do	62.	
466.05625	do	33, 86.	
466.0625	do	83, 86.	
466.06875	do	33, 86.	
466.075	do	62.	
466.08125	do	33, 86.	
466.0875	do	83, 86.	
466.09375	do	33, 86.	
466.100	do	62.	
466.10625	do	33, 86.	
466.1125	do	83, 86.	
466.11875	do	33, 86.	
466.125	do	62.	
466.13125	do	33, 86.	
466.1375	do	83, 86.	
466.14375	do	33, 86.	
466.150	do	62.	
466.15625	do	33, 86.	
466.1625	do	83, 86.	
466.16875	do	33, 86.	
466.175	do	62.	
466.18125	do	33, 84.	
466.1875	do	83, 84.	
466.19375	do	33, 84.	
466.200	do	62.	
466.20625	do	33, 85.	
466.2125	do	83, 85.	
466.21875	do	33, 85.	
466.225	do	62.	
466.23125	do	33, 85.	
466.2375	do	83, 85.	
466.24375	do	33, 85.	
466.250	do	62.	
466.25625	do	33, 85.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
466.2625	do	83, 85.	
466.26875	do	33, 85.	
466.275	do	62.	
466.28125	do	33, 85.	
466.2875	do	83, 85.	
466.29375	do	33, 85.	
466.300	do	62.	
466.30625	do	33, 85.	
466.3125	do	83, 85.	
466.31875	do	33, 85.	
466.325	do	62.	
466.33125	do	33, 85.	
466.3375	do	83, 85.	
466.34375	do	33, 85.	
466.350	do	62.	
466.35625	do	33, 85.	
466.3625	do	83, 85.	
466.36875	do	33, 85.	
466.375	do	62.	
466.38125	do	33, 85.	
466.3875	do	83, 85.	
466.39375	do	33, 85.	
466.400	do	62.	
466.40625	do	33, 85.	
466.4125	do	83, 85.	
466.41875	do	33, 85.	
466.425	do	62.	
466.43125	do	33, 85.	
466.4375	do	83, 85.	
466.44375	do	33, 85.	
466.450	do	62.	
466.45625	do	33, 84.	
466.4625	do	83, 84.	
466.46875	do	33, 84.	
466.475	do	62.	
466.48125	do	33, 84.	
466.4875	do	83, 84.	
466.49375	do	33, 84.	
466.500	do	62.	
466.50625	do	33, 84.	
466.5125	do	83, 84.	
466.51875	do	33, 84.	
466.525	do	62.	
466.53125	do	33, 62.	
466.5375	do	30, 62.	
466.54375	do	33, 62.	
466.550	do	62.	
466.55625	do	33, 62.	
466.5625	do	30, 62.	
466.56875	do	33, 62.	
466.575	do	62.	
466.58125	do	33, 62.	
466.5875	do	30, 62.	
466.59375	do	33, 62.	
466.600	do	62.	
466.60625	do	33, 62.	
466.6125	do	30, 62.	
466.61875	do	33, 62.	
466.625	do	62.	
466.63125	do	33, 62.	
466.6375	do	30, 62.	
466.64375	do	33, 62.	
466.650	do	62.	
466.65625	do	33, 62.	
466.6625	do	30, 62.	
466.66875	do	33, 62.	
466.675	do	62.	
466.68125	do	33, 62.	
466.6875	do	30, 62.	
466.69375	do	33, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
466.700	do	62.	
466.70625	do	33, 62.	
466.7125	do	30, 62.	
466.71875	do	33, 62.	
466.725	do	62.	
466.73125	do	33, 62.	
466.7375	do	30, 62.	
466.74375	do	33, 62.	
466.750	do	62.	
466.75625	do	33, 62.	
466.7625	do	30, 62.	
466.76875	do	33, 62.	
466.775	do	62.	
466.78125	do	33, 62.	
466.7875	do	30, 62.	
466.79375	do	33, 62.	
466.800	do	62.	
466.80625	do	33, 62.	
466.8125	do	30, 62.	
466.81875	do	33, 62.	
466.825	do	62.	
466.83125	do	33, 62.	
466.8375	do	30, 62.	
466.84375	do	33, 62.	
466.850	do	62.	
466.85625	do	33, 62.	
466.8625	do	67, 86.	
466.86875	do	33, 62.	
466.875	do	62.	
466.88125	do	33, 62.	
466.8875	do	67, 86.	
466.89375	do	33, 62.	
466.900	do	62.	
466.90625	do	33, 62.	
466.9125	do	67, 86.	
466.91875	do	33, 62.	
466.925	do	62.	
466.93125	do	33, 62.	
466.9375	do	88.	
466.94375	do	33, 62.	
466.950	do	62.	
466.95625	do	33, 62.	
466.9625	do	30, 62.	
466.96875	do	33, 62.	
466.975	do	62.	
466.98125	do	33, 62.	
466.9875	do	30, 62.	
466.99375	do	33, 62.	
467.000	do	62.	
467.00625	do	33, 62.	
467.0125	do	30, 62.	
467.01875	do	33, 62.	
467.025	do	62.	
467.03125	do	33, 62.	
467.0375	do	30, 62.	
467.04375	do	33, 62.	
467.050	do	62.	
467.05625	do	33, 62.	
467.0625	do	30, 62.	
467.06875	do	33, 62.	
467.075	do	62.	
467.08125	do	33, 62.	
467.0875	do	30, 62.	
467.09375	do	33, 62.	
467.100	do	62.	
467.10625	do	33, 62.	
467.1125	do	30, 62.	
467.11875	do	33, 62.	
467.125	do	62.	
467.13125	do	33, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
467.1375	do	30, 62.	
467.14375	do	33, 62.	
467.150	do	62.	
467.15625	do	33, 62.	
467.1625	do	30, 62.	
467.16875	do	33, 62.	
467.175	do	62.	
467.18125	do	33, 62.	
467.1875	do	30, 62.	
467.19375	do	33, 62.	
467.200	do		
467.20625	do	33.	
467.2125	do	30.	
467.21875	do	33.	
467.225	do		
467.23125	do	33.	
467.2375	do	30.	
467.24375	do	33.	
467.250	do		
467.25625	do	33.	
467.2625	do	30.	
467.26875	do	33.	
467.275	do		
467.28125	do	33.	
467.2875	do	30.	
467.29375	do	33.	
467.300	do		
467.30625	do	33.	
467.3125	do	30.	
467.31875	do	33.	
467.325	do		
467.33125	do	33.	
467.3375	do	30.	
467.34375	do	33.	
467.350	do		
467.35625	do	33.	
467.3625	do	30.	
467.36875	do	33.	
467.375	do		
467.38125	do	33.	
467.3875	do	30.	
467.39375	do	33.	
467.400	do		
467.40625	do	33.	
467.4125	do	30.	
467.41875	do	33.	
467.425	do		
467.43125	do	33.	
467.4375	do	30.	
467.44375	do	33.	
467.450	do		
467.45625	do	33.	
467.4625	do	30.	
467.46875	do	33.	
467.475	do		IP, IW
467.48125	do	33.	
467.4875	do	30.	
467.49375	do	33.	
467.500	do		
467.50625	do	33.	
467.5125	do	30.	
467.51875	do	33.	
467.525	do		IP, IW
467.53125	do	33.	
467.74375	do	33, 62.	
467.750	do	11, 12, 35, 60.	
467.75625	do	11, 12, 33, 35, 60.	
467.7625	do	11, 12, 30, 35, 60.	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
467.76875	do	11, 12, 33, 35, 60.	
467.775	do	11, 12, 35, 60.	
467.78125	do	11, 12, 33, 35, 60.	
467.7875	do	11, 12, 30, 35, 60.	
467.79375	do	11, 12, 33, 35, 60.	
467.800	do	11, 12, 35, 60.	
467.80625	do	11, 12, 33, 35, 60.	
467.8125	do	11, 12, 30, 35, 60.	
467.81875	do	11, 12, 33, 35, 60.	
467.825	do	11, 12, 35, 60.	
467.83125	do	11, 12, 33, 35, 60.	
467.8375	do	11, 12, 30, 35, 60.	
467.850	do	11, 12, 35, 67.	
467.8625	do	67.	
467.875	do	11, 12, 35, 67.	
467.8875	do	67.	
467.900	do	11, 12, 35, 67.	
467.9125	do	67.	
467.925	do	11, 12, 35, 33.	
467.93125	do	33.	
467.9375	do	30, 67.	
467.94375	do	33.	
468.200	do	62.	
468.20625	do	33, 62.	
468.2125	do	30, 62.	
468.21875	do	33, 62.	
468.225	do	62.	
468.23125	do	33, 62.	
468.2375	do	30, 62.	
468.24375	do	33, 62.	
468.250	do	62.	
468.25625	do	33, 62.	
468.2625	do	30, 62.	
468.26875	do	33, 62.	
468.275	do	62.	
468.28125	do	33, 62.	
468.2875	do	30, 62.	
468.29375	do	33, 62.	
468.300	do	62.	
468.30625	do	33, 62.	
468.3125	do	30, 62.	
468.31875	do	33, 62.	
468.325	do	62.	
468.33125	do	33, 62.	
468.3375	do	30, 62.	
468.34375	do	33, 62.	
468.350	do	62.	
468.35625	do	33, 62.	
468.3625	do	30, 62.	
468.36875	do	33, 62.	
468.375	do	62.	
468.38125	do	33, 62.	
468.3875	do	30, 62.	
468.39375	do	33, 62.	
468.400	do	62.	
468.40625	do	33, 62.	
468.4125	do	30, 62.	
468.41875	do	33, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
468.425	do	62.	
468.43125	do	33, 62.	
468.4375	do	30, 62.	
468.44375	do	33, 62.	
468.450	do	62.	
468.45625	do	33, 62.	
468.4625	do	30, 62.	
468.46875	do	33, 62.	
468.475	do	62.	
468.48125	do	33, 62.	
468.4875	do	30, 62.	
468.49375	do	33, 62.	
468.500	do	62.	
468.50625	do	33, 62.	
468.5125	do	30, 62.	
468.51875	do	33, 62.	
468.525	do	62.	
468.53125	do	33, 62.	
468.5375	do	30, 62.	
468.54375	do	33, 62.	
468.550	do	62.	
468.55625	do	33, 62.	
468.5625	do	30, 62.	
468.56875	do	33, 62.	
468.575	do	62.	
468.58125	do	33, 62.	
468.5875	do	30, 62.	
468.59375	do	33, 62.	
468.600	do	62.	
468.60625	do	33, 62.	
468.6125	do	30, 62.	
468.61875	do	33, 62.	
468.625	do	62.	
468.63125	do	33, 62.	
468.6375	do	30, 62.	
468.64375	do	33, 62.	
468.650	do	62.	
468.65625	do	33, 62.	
468.6625	do	30, 62.	
468.66875	do	33, 62.	
468.675	do	62.	
468.68125	do	33, 62.	
468.6875	do	30, 62.	
468.69375	do	33, 62.	
468.700	do	62.	
468.70625	do	33, 62.	
468.7125	do	30, 62.	
468.71875	do	33, 62.	
468.725	do	62.	
468.73125	do	33, 62.	
468.7375	do	30, 62.	
468.74375	do	33, 62.	
468.750	do	62.	
468.75625	do	33, 62.	
468.7625	do	30, 62.	
468.76875	do	33, 62.	
468.775	do	62.	
468.78125	do	33, 62.	
468.7875	do	30, 62.	
468.79375	do	33, 62.	
468.800	do	62.	
468.80625	do	33, 62.	
468.8125	do	30, 62.	
468.81875	do	33, 62.	
468.825	do	62.	
468.83125	do	33, 62.	
468.8375	do	30, 62.	
468.84375	do	33, 62.	
468.850	do	62.	
468.85625	do	33, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
468.8625	do	30, 62.	
468.86875	do	33, 62.	
468.875	do	62.	
468.88125	do	33, 62.	
468.8875	do	30, 62.	
468.89375	do	33, 62.	
468.900	do	62.	
468.90625	do	33, 62.	
468.9125	do	30, 62.	
468.91875	do	33, 62.	
468.925	do	62.	
468.93125	do	33, 62.	
468.9375	do	30, 62.	
468.94375	do	33, 62.	
468.950	do	62.	
468.95625	do	33, 62.	
468.9625	do	30, 62.	
468.96875	do	33, 62.	
468.975	do	62.	
468.98125	do	33, 62.	
468.9875	do	30, 62.	
468.99375	do	33, 62.	
469.000	do	62.	
469.00625	do	33, 62.	
469.0125	do	30, 62.	
469.01875	do	33, 62.	
469.025	do	62.	
469.03125	do	33, 62.	
469.0375	do	30, 62.	
469.04375	do	33, 62.	
469.050	do	62.	
469.05625	do	33, 62.	
469.0625	do	30, 62.	
469.06875	do	33, 62.	
469.075	do	62.	
469.08125	do	33, 62.	
469.0875	do	30, 62.	
469.09375	do	33, 62.	
469.100	do	62.	
469.10625	do	33, 62.	
469.1125	do	30, 62.	
469.11875	do	33, 62.	
469.125	do	62.	
469.13125	do	33, 62.	
469.1375	do	30, 62.	
469.14375	do	33, 62.	
469.150	do	62.	
469.15625	do	33, 62.	
469.1625	do	30, 62.	
469.16875	do	33, 62.	
469.175	do	62.	
469.18125	do	33, 62.	
469.1875	do	30, 62.	
469.19375	do	33, 62.	
469.200	do	62.	
469.20625	do	33, 62.	
469.2125	do	30, 62.	
469.21875	do	33, 62.	
469.225	do	62.	
469.23125	do	33, 62.	
469.2375	do	30, 62.	
469.24375	do	33, 62.	
469.250	do	62.	
469.25625	do	33, 62.	
469.2625	do	30, 62.	
469.26875	do	33, 62.	
469.275	do	62.	
469.28125	do	33, 62.	
469.2875	do	30, 62.	
469.29375	do	33, 62.	

INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
469.300	do	62.	
469.30625	do	33, 62.	
469.3125	do	30, 62.	
469.31875	do	33, 62.	
469.325	do	62.	
469.33125	do	33, 62.	
469.3375	do	30, 62.	
469.34375	do	33, 62.	
469.350	do	62.	
469.35625	do	33, 62.	
469.3625	do	30, 62.	
469.36875	do	33, 62.	
469.375	do	62.	
469.38125	do	33, 62.	
469.3875	do	30, 62.	
469.39375	do	33, 62.	
469.400	do	62.	
469.40625	do	33, 62.	
469.4125	do	30, 62.	
469.41875	do	33, 62.	
469.425	do	62.	
469.43125	do	33, 62.	
469.4375	do	30, 62.	
469.44375	do	33, 62.	
469.450	do	62.	
469.45625	do	33, 62.	
469.4625	do	30, 62.	
469.46875	do	33, 62.	
469.475	do	62.	
469.48125	do	33, 86.	
469.4875	do	83, 86.	
469.500	do	10, 34.	
469.5125	do	83, 86.	
469.51875	do	33, 86.	
469.525	do	62.	
469.53125	do	33, 86.	
469.5375	do	83, 86.	
469.550	do	10, 34.	
469.5625	do	83, 86.	
469.56875	do	33, 86.	
469.575	do	62.	
469.58125	do	33, 62.	
469.5875	do	30, 62.	
469.59375	do	33, 62.	
469.600	do	62.	
469.60625	do	33, 62.	
469.6125	do	30, 62.	
469.61875	do	33, 62.	
469.625	do	62.	
469.63125	do	33, 62.	
469.6375	do	30, 62.	
469.64375	do	33, 62.	
469.650	do	62.	
469.65625	do	33, 62.	
469.6625	do	30, 62.	
469.66875	do	33, 62.	
469.675	do	62.	
469.68125	do	33, 62.	
469.6875	do	30, 62.	
469.69375	do	33, 62.	
469.700	do	62.	
469.70625	do	33, 62.	
469.7125	do	30, 62.	
469.71875	do	33, 62.	
469.725	do	62.	
469.73125	do	33, 62.	
469.7375	do	30, 62.	
469.74375	do	33, 62.	
469.750	do	62.	
469.75625	do	33, 62.	

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INDUSTRIAL/BUSINESS POOL FREQUENCY
TABLE—Continued

Frequency or band	Class of station(s)	Limitations	Coordinator
469.7625	do	30, 62.	
469.76875	do	33, 62.	
469.775	do	62.	
469.78125	do	33, 62.	
469.7875	do	30, 62.	
469.79375	do	33, 62.	
469.800	do	62.	
469.80625	do	33, 62.	
469.8125	do	30, 62.	
469.81875	do	33, 62.	
469.825	do	62.	
469.83125	do	33, 62.	
469.8375	do	30, 62.	
469.84375	do	33, 62.	
469.850	do	62.	
469.85625	do	33, 62.	
469.8625	do	30, 62.	
469.86875	do	33, 62.	
469.875	do	62.	
469.88125	do	33, 62.	
469.8875	do	30, 62.	
469.89375	do	33, 62.	
469.900	do	62.	
469.90625	do	33, 62.	
469.9125	do	30, 62.	
469.91875	do	33, 62.	
469.925	do	62.	
469.93125	do	33, 62.	
469.9375	do	30, 62.	
469.94375	do	33, 62.	
469.950	do	62.	
469.95625	do	33, 62.	
469.9625	do	30, 62.	
469.96875	do	33, 62.	
469.975	do	62.	
469.98125	do	33, 62.	
470 to 512	Base or mobile	70.	
809 to 824	Mobile	71	
854 to 869	Base or mobile	71	
896 to 901	Mobile	71.	
928 and above	Operational fixed.	72.	
929 to 930	Base only	73.	
935 to 940	Base or mobile	71.	
1427 to 1432 ...	Base, mobile or operational fixed..	55	
2,450 to 2,500	Base or mobile	74.	
5850–5925	do	90, 91	Not applicable.
10,550 to 10,680.	do	76.	

(c) Explanation of assignment limitations appearing in the frequency table of paragraph (b)(3) of this section:

(1) Use of this frequency is permitted as follows:

(i) Only entities engaged in the following activities are eligible to use this spectrum, and then only in accordance with § 90.266:

(A) Prospecting for petroleum, natural gas or petroleum products;

(B) Distribution of electric power or the distribution by pipeline of fuels or water;

(C) Exploration, its support services, and the repair of pipelines; or

(D) The repair of telecommunications circuits.

(ii) Except as provided in this part, licensees may not use these frequencies in the place of other operational circuits permitted by the Commission's rules. Circuits operating on these frequencies may be used only for the following purposes:

(A) Providing standby backup communications for circuits which have been disrupted and which directly affect the safety of life, property, or the national interest or are used for coordinating inter-utility, intra-utility, and power pool distribution of electric power;

(B) Providing operational circuits during exploration;

(C) Coordinating the repair of inter-utility, intra-utility, and power pool electric power distribution networks, or the repair of pipelines;

(D) Exploratory efforts in mining for solid fuels, minerals, and metals important to the national interest;

(E) Repair of pipelines used for the transmission of fuel or water;

(F) Services supporting the exploration for energy or mineral resources important to the national interest, without which such exploration cannot be conducted; or

(G) Coordinating the repair of wireline or point-to-point microwave circuits.

(2) [Reserved]

(3) This frequency is available for assignment only to stations utilized for geophysical purposes.

(4) Geophysical operations may use tone or impulse signaling for purposes other than indicating failure of equipment or abnormal conditions on this frequency. All such tone or impulse signaling shall be on a secondary basis and subject to the following limitations:

(i) Maximum duration of a single non-voice transmission may not exceed 3 minutes;

(ii) The bandwidth utilized for secondary tone or impulse signaling shall

not exceed that authorized to the licensee for voice emission on the frequency concerned;

(iii) Frequency loading resulting from the use of secondary tone or impulse signaling will not be considered in whole or in part, as a justification for authorizing additional frequencies in the licensee's mobile service system; and

(iv) The maximum transmitter output power for tone or impulse transmissions shall not exceed 50 watts.

(5) Frequencies below 25 MHz 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.

(6) Frequencies may be assigned in pairs with the separation between base and mobile transmit frequencies being 5.26 MHz. A mobile station may be assigned the frequency which would normally be assigned to a base station for single frequency operation. However, this single-frequency operation may be subject to interference that would not occur to a two-frequency system. Base or mobile stations operating wholly within Standard Metropolitan Areas having 50,000 or more population (1950 Census) must be operated in the half-duplex mode.

(7) This frequency is available for assignment to geophysical stations on a secondary basis to other licensees. Geophysical stations must cease operations on this frequency immediately upon receiving notice that interference is being caused to mobile service stations.

(8) This frequency is primarily available for oil spill containment and cleanup operations and for training and drills essential in the preparations for the containment and cleanup of oil spills. It is secondarily available for general base-mobile operations on a noninterference basis. Secondary users of this frequency are required to forego its use should oil spill containment and cleanup activities be present in their area of operation or upon notice by the Commission or a primary user that harmful interference is being caused to oil spill containment or cleanup activities in other areas.

(9) Operation on this frequency is secondary to stations in the maritime mobile service operating in accordance with the International table of frequency allocations.

(10) This frequency will be assigned only to stations used in itinerant operations, except within 56 km (35 miles) of Detroit, Mich., where it may be assigned for either itinerant or permanent area operations (*i.e.*, general use).

(11) Operation on this frequency is limited to a maximum output power of 2 watts; 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 8 m (25 ft.).

(12) This frequency may not be used aboard aircraft in flight.

(13) This frequency is shared with the Public Safety Pool.

(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.).

(15) This Government frequency is available for shared Government/non-Government use by stations engaged in oil spill containment and cleanup operations and for training and drills essential in the preparation for containment and cleanup of oil spills. Such use will be confined to inland and coastal waterways.

(16) This frequency may be assigned only to stations operating in an interconnected or coordinated utility system in accordance with an operational communications plan which sets forth all points of communications. Authorizations at variance with an established operational communications

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plan will be made only on a secondary basis.

(17) This frequency will be assigned only to stations used in itinerant operations.

(18) This frequency is also used on a secondary basis for cordless telephones under part 15 of this chapter.

(19) In addition to single frequency operation, this frequency is available to base and mobile stations for the paired frequency mode of operation. For two frequency systems, the separation between base and mobile transmit frequencies is 500 kHz with the base stations transmitting on the higher of the two frequencies.

(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.

(22) The frequencies available for use at operational fixed stations in the band 72-76 MHz are listed in § 90.257(a)(1). These frequencies are shared with other services and are available only in accordance with the provisions of § 90.257. Seismic telemetry transmitters certificated with 1 watt or less power and a frequency tolerance not exceeding $\pm 0.005\%$ may be used as temporary operational fixed stations.

(23) This frequency is shared with fixed stations in other services and is subject to no protection from interference.

(24) All operations on this frequency are subject to the provisions of § 90.257(b).

(25) This frequency is shared with the Radio Control (R/C) Service, of the part 95 Personal Radio Services, where it is used solely for the radio control of models.

(26) Pulsed modulations will not be authorized on this frequency.

(27) Assignment of frequencies in this band are subject to the provisions of § 90.173. In the 150-170 MHz band, licensees as of August 18, 1995 who operate systems that are 2.5 kHz removed from regularly assignable frequencies may continue to operate on a secondary, non-interference basis after August 1, 2003.

(28) In Puerto Rico and the Virgin Islands this frequency is subject to the following:

(i) This frequency is assigned only for one-way paging communications to mobile receivers. Only A1D, A2D, A3E, F1D, F2D, F3E, or G3E emissions may be authorized. Licensees may provide one-way paging communications on this frequency to individuals, persons eligible for licensing under subparts B or C of this part, to representatives of Federal Government agencies, and foreign governments and their representatives; and

(ii) This frequency will not be assigned to stations for use at temporary locations.

(29) This frequency will be authorized a channel bandwidth of 25 kHz. Except when limited elsewhere, one-way paging transmitters on this frequency may operate with an output power of 350 watts.

(30) This frequency will be assigned with an authorized bandwidth not to exceed 11.25 kHz. In the 450-470 MHz band, secondary telemetry operations pursuant to § 90.238(e) will be authorized on this frequency.

(31) Use of this frequency is limited to stations located in Puerto Rico and the Virgin Islands.

(32) This frequency is not available to stations located in Puerto Rico and the Virgin Islands.

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(33) This frequency will be assigned with an authorized bandwidth not to exceed 6 kHz.

(34) Operation on this frequency is limited to a maximum output power of 35 watts.

(35) This frequency may be used for mobile operation for radio remote control and telemetering functions. A1D, A2D, F1D, or F2D emission may be authorized and mobile stations used to control remote objects or devices may be operated on the continuous carrier transmit mode.

(36) This frequency is assigned only for one-way paging communications to mobile receivers. Only A1D, A2D, A3E, F1D, F2D, F3E, or G3E emissions may be authorized. Licensees may provide one-way paging communications on this frequency to individuals, persons eligible for licensing under subparts B or C of this part, to representatives of Federal Government agencies, and foreign governments and their representatives.

(37) This frequency is available on a secondary basis to one-way paging communications.

(38) This frequency will not be assigned to stations for use at temporary locations.

(39) For FM transmitters the sum of the highest modulating frequency and the amount of frequency deviation may not exceed 2.8 kHz and the maximum frequency deviation may not exceed 2.5 kHz. For AM transmitters the highest modulating frequency may not exceed 2.0 kHz. The carrier frequency must be maintained within 0.0005 percent, and the authorized bandwidth may not exceed 6 kHz.

(40) This frequency is shared with the Public Safety Pool for remote control and telemetry operations.

(41) Operational fixed stations must employ directional antennas having a front-to-back ratio of at least 20 dB. Omnidirectional antennas having unity gain may be employed for stations communicating with at least three receiving locations separated by 160 deg. of azimuth.

(42) The maximum effective radiated power (ERP) may not exceed 20 watts for fixed stations and 2 watts for mobile stations. The height of the antenna system may not exceed 15.24 me-

ters (50 ft.) above the ground. All such operation is on a secondary basis to adjacent channel land mobile operations.

(43) This frequency is available for the following:

(i) Assignment to multiple address fixed stations employing omnidirectional antennas used for power utility peak load shaving and shedding and to mobile stations used for the remote control of objects and devices. The maximum power that may be authorized to fixed stations is 300 watts output, and the maximum power that may be authorized for mobile stations is 1 watt output. This frequency may also be assigned to operational fixed stations employing directional antenna systems (front-to-back ratio of 20 dB) when such stations are located at least 120 km. (75 mi.) from the boundaries of any urbanized area of 200,000 or more population. (U.S. Census of Population, 1960). The maximum power output of the transmitter for such fixed stations may not exceed 50 watts. A1A, A1D, A2B, A2D, F1B, F1D, F2B, F2D, G1B, G1D, G2B, or G2D emission may be authorized; or

(ii) On a secondary basis for remote control and telemetry operations, subject to paragraphs (c)(41), (42), (43), (46), and (47) of this section.

(44) The maximum output power of the transmitter may not exceed 50 watts for fixed stations and 1 watt for mobile stations. A1A, A1D, A2B, A2D, F1B, F1D, F2B, F2D, G1B, G1D, G2B, or G2D emission may be authorized, and mobile stations used to control remote objects and devices may be operated in the continuous transmit mode.

(45) [Reserved]

(46) This frequency is limited to a maximum power of 20 watts.

(47) This frequency may be used for mobile operation for remote control and telemetering functions. A1D, A2D, F1D, or F2D emission may be authorized. The use of the continuous carrier transmit mode for these purposes is permitted only for stations authorized and continuously licensed since before May 21, 1971.

(48) Operation on this frequency is limited to a maximum output power of 20 watts.

(49) Operation on this frequency is limited to a maximum output power of 75 watts.

(50) This frequency may also be used for the transmission of tone or voice communications, including such communications when prerecorded, for purposes of automatically indicating abnormal conditions of trackage and railroad rolling stock when in motion, on a secondary basis to other stations on this frequency. All such operations shall be subject to the following:

(i) The output power shall not exceed 30 watts;

(ii) The bandwidth used shall not exceed that authorized to the licensee for voice transmissions on the frequency concerned;

(iii) The station shall be so designed and installed that it can normally be activated only by its associated automatic control equipment and, in addition, it shall be equipped with a time delay or clock device which will deactivate the station within three (3) minutes following activation by the last car in the train; and

(iv) Stations authorized pursuant to the provisions of this paragraph are exempt from the station identification requirements of § 90.425.

(51) In Puerto Rico and the Virgin Islands only, this frequency is available on a shared basis with remote pickup broadcast stations.

(52) In Puerto Rico and the Virgin Islands only, this frequency is available to all stations operating in the Industrial/Business Pool and may be coordinated by any frequency coordinator certified in the Industrial/Business Pool.

(53) Frequencies in this band will be assigned only for transmitting hydrological or meteorological data or for low power wireless microphones in accordance with the provisions of § 90.265.

(54) For FM transmitters the sum of the highest modulating frequency and the amount of frequency deviation may not exceed 1.7 kHz and the maximum deviation may not exceed 1.2 kHz. For AM transmitters the highest modulating frequency may not exceed 1.2 kHz. The carrier frequency must be maintained within 0.0005 percent and

the authorized bandwidth may not exceed 3 kHz.

(55) This band is available to stations operating in this service subject to the provisions of § 90.259.

(56) Subpart T of this part contains rules for assignment of frequencies in the 220-222 MHz band.

(57) The requirements for secondary fixed use of frequencies in this band are set forth in § 90.261.

(58) Operational fixed assignments on this frequency will only be made to an itinerant fixed control or relay station on a secondary basis to land-mobile stations in the Industrial/Business Pool, provided that the fixed relay or control station is to be associated with base and mobile facilities authorized to use other frequencies available for itinerant operation in the Industrial/Business Pool. All such use of these frequencies for fixed systems is limited to locations 161 or more km. (100 mi.) from the center of any urbanized area of 200,000 or more population, except that the distance may be 120 km. (75 mi.) if the output power does not exceed 20 watts. All such fixed systems are limited to a maximum of two frequencies and must employ directional antennas with a front-to-back ratio of at least 15 dB. The centers of urbanized areas of 200,000 or more population are determined from the appendix, page 226, of the U.S. Commerce publication, "Air Line Distance Between Cities in the United States." Urbanized areas of 200,000 or more population are defined in the U.S. Census of Population, 1960, volume 1, table 23, page 1-50.

(59) This frequency may be assigned primarily for stations used for the purpose of controlling slave locomotives that are placed within a train to assist the lead locomotive by providing, among other functions, auxiliary starting, pulling, and braking actions. Additionally, on a secondary basis this frequency may be assigned for remote control of all types of locomotives and, within a railroad yard or terminal area, for remote control of cab indicator devices placed with a locomotive to give visual signals to the operator of the locomotive. (A1, A2, F1 or F2 emissions may be authorized.)

(60)(i) This frequency is available for voice or non-voice communications

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concerned with cargo handling from a dock or cargo handling facility, a vessel alongside the dock, or cargo handling facility. The effective radiated power (ERP) shall not exceed 2 watts. Mobile relay stations may be temporarily installed on vessels located at or in the vicinity of a dock or cargo handling facility. The center of the radiating system of the mobile relay shall be located no more than 3 meters (10 feet) above the vessel's highest working dock.

(ii) This frequency is also available for low power non-cargo handling operations, both voice and non-voice, on a secondary basis to cargo handling communications. Such operations are not subject to the power limitations in paragraph (c)(60)(i) of this section on the following frequencies: 457.525 MHz, 457.550 MHz, 457.5625 MHz, 457.575 MHz, 457.5875 MHz, 457.600 MHz, and 457.6125 MHz. This frequency will not be assigned for non-cargo handling operations at temporary locations.

(iii) For mobile relay operations under paragraph (c)(60)(i) of this section, frequency pairing is as follows:

Mobile relay (MHz) ¹	Mobile (MHz)
457.525	467.750
457.53125	467.75625
457.5375	467.7625
457.54375	467.76875
457.550	467.775
457.55625	467.78125
457.5625	467.7875
457.56875	467.79375
457.575	467.800
457.58125	467.80625
457.5875	467.8125
457.59375	467.81875
457.600	467.825
457.60625	467.83125
457.6125	
457.61875	

¹The mobile relay frequencies may also be used for single frequency simplex.

(61) This frequency is available for assignment as follows:

(i) To persons furnishing commercial air transportation service or, pursuant to § 90.179, to an entity furnishing radio communications service to persons so engaged, for stations located on or near the airports listed in paragraph (c)(61)(iv) of this section. Stations will be authorized on a primary basis and may be used only in connection with servicing and supplying of aircraft. Operation on this frequency is limited to a maximum effective radiated power (ERP) of 100 watts at locations within 16 km (10 miles) of the coordinates of the listed airports.

(ii) To stations in the Industrial/Business Pool for secondary use at locations 80 km (approximately 50 miles) or more from the coordinates of the listed airports. Operation will be limited to a maximum ERP of 300 watts.

(iii) To stations in the Industrial/Business Pool for secondary use at locations greater than 16 km (approximately 10 miles) but less than 80 km (approximately 50 miles) from the coordinates of the listed airports. Operation will be limited to a maximum ERP of 10 watts. Use of this frequency is restricted to the confines of an industrial complex or manufacturing yard area. Stations licensed prior to April 25, 2005, may continue to operate with facilities authorized as of that date.

(iv) The airports and their respective reference coordinates are (coordinates are referenced to North American Datum 1983 (NAD83)):

City and airport	Reference coordinates	
	N. Latitude	W. Longitude
Aberdeen, SD: Aberdeen Regional (ABR)	45°26'56.6"	98°25'18.6"
Agana, GU: Guam International (GUM)	13°29'00.4"	144°47'45.5" E
Akron, OH: Akron-Canton Regional (CAK)	40°54'58.7"	81°26'32.9"
Alamosa, CO: San Luis Valley Regional/Bergman Field (ALS)	37°26'05.7"	105°51'59.6"
Albany, NY: Albany Int'l (ALB)	42°44'53.2"	73°48'10.7"
Albuquerque, NM: Albuquerque International Sunport (ABQ)	35°02'24.8"	106°36'33.1"
Allentown-Bethlehem, PA: Lehigh Valley Int'l (ABE)	40°39'08.5"	75°26'25.5"
Amarillo, TX: Amarillo International (AMA)	35°13'09.7"	101°42'21.3"
Anchorage, AK: Ted Stevens Anchorage International (ANC)	61°10'27.6"	149°59'46.3"
Appleton, WI: Outagamie County Regional (ATW)	44°15'26.7"	88°31'10.1"
Aspen, CO: Aspen-Pitkin County/Sardy Field (ASE)	39°13'23.4"	106°52'07.9"

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City and airport	Reference coordinates	
	N. Latitude	W. Longitude
Atlanta, GA:		
Atlanta International (ATL)	33°38'25.6"	84°25'37.0"
Dekalb-Peachtree (PDK)	33°52'32.2"	84°18'07.1"
Fulton County (FTY)	33°46'44.9"	84°31'16.9"
Austin, TX: Austin Bergstrom International (AUS)	30°11'40.3"	97°40'11.5"
Bakersfield, CA: Meadows Field (BFL)	35°26'00.9"	119°03'24.4"
Baltimore, MD: Baltimore-Washington Int'l (BWI)	39°10'31.5"	76°40'05.5"
Baton Rouge, LA: Baton Rouge Metropolitan (BTR)	30°31'59.4"	91°08'58.7"
Billings, MT: Billings Logan International (BIL)	45°48'27.6"	108°32'34.3"
Birmingham, AL: Birmingham Int'l (BHM)	33°33'46.6"	86°45'12.8"
Bismarck, ND: Bismarck Municipal (BIS)	46°46'21.8"	100°44'44.7"
Boise, ID: Boise Air Terminal (BOI)	43°33'52.0"	116°13'22.0"
Boston, MA: Logan International (BOS)	42°21'51.7"	71°00'18.7"
Bozeman, MT: Gallatin Field (BZN)	45°46'36.8"	111°09'10.8"
Bridgeport, CT: Sikorsky Memorial (BDR)	41°09'48.5"	73°07'34.2"
Buffalo, NY: Buffalo Niagara Int'l (BUF)	42°56'25.9"	78°43'55.8"
Burlington, VT: Burlington Int'l (BTV)	44°28'18.7"	73°09'11.8"
Cedar Rapids, IA: The Eastern Iowa (CID)	41°53'04.5"	91°42'39.1"
Charleston, SC: Charleston AFB/International (CHS)	32°53'55.1"	80°02'25.8"
Charlotte, NC: Charlotte-Douglas Int'l (CLT)	35°12'50.4"	80°56'35.3"
Chattanooga, TN: Lovell (CHA)	35°02'06.9"	85°12'13.6"
Chicago, IL-Northwest, IN:		
Chicago-Wheeling-Palwaukee (PWK)	42°06'51.1"	87°54'05.3"
Meigs (CGX)	41°51'31.8"	87°36'28.5"
South Bend Regional (SBN)	41°42'32.2"	86°19'06.5"
Midway (MDW)	41°47'09.5"	87°45'08.7"
O'Hare International (ORD)	41°58'46.5"	87°54'16.1"
West Chicago-Dupage (DPE)	41°54'24.8"	88°14'54.3"
Cincinnati, OH:		
Cincinnati-Blue Ash (ISZ)	39°14'48.1"	84°23'20.3"
Lunken (LUK)	39°06'12.0"	84°25'07.0"
Cleveland, OH:		
Burke Lakefront (BKL)	41°31'03.0"	81°41'00.0"
Cuyahoga County (CGF)	41°33'54.5"	81°29'10.9"
Hopkins International (CLE)	41°24'39.2"	81°50'57.8"
Columbia, SC: Columbia Metropolitan (CAE)	33°56'19.8"	81°07'10.3"
Columbus, GA: Columbus Metropolitan (CSG)	32°30'58.8"	84°56'19.9"
Columbus, OH:		
Port Columbus Int'l (CMH)	39°59'52.8"	82°53'30.8"
Rickenbacker International (LCK)	39°48'49.5"	82°55'40.3"
Corpus Christi, TX: Corpus Christi International (CRP)	27°46'13.3"	97°30'04.4"
Covington/Cincinnati, KY: Cincinnati/Northern Kentucky Int'l (CVG)	39°02'46.1"	84°39'43.8"
Crescent City, CA: Jack McNamara Field (CEC)	41°46'48.6"	124°14'11.5"
Dallas, TX:		
Addison (ADS)	32°58'06.8"	96°50'11.2"
Dallas-Ft. Worth Int'l (DFW)	32°53'45.4"	97°02'13.9"
Dallas-Love Field (DAL)	32°50'49.6"	96°51'06.4"
Red Bird (RBD)	32°40'51.1"	96°52'05.5"
Davenport, IA (Rock Island, Moline, IL):		
Davenport Municipal (DVN)	41°36'37.0"	90°35'18.0"
Quad City (MLI)	41°26'54.7"	90°30'27.1"
Dayton, OH: Dayton International (DAY)	39°54'08.6"	84°13'09.8"
Denver, CO:		
Centennial (APA)	39°34'12.5"	104°50'57.5"
Colorado Springs Municipal (COS)	38°48'20.9"	104°42'00.9"
Jeffco (BJC)	39°54'31.6"	105°07'01.9"
Denver International (DEN)	39°51'30.3"	104°40'01.2"
Des Moines, IA: Des Moines Int'l (DSM)	41°32'05.8"	93°39'38.5"
Detroit, MI:		
Detroit City (DET)	42°24'33.1"	83°00'35.5"
Detroit Metro-Wayne County (DTW)	42°12'43.4"	83°20'55.8"
Oakland-Pontiac (PTK)	42°39'54.7"	83°25'07.4"
Willow Run (YIP)	42°14'16.5"	83°31'49.5"
Duluth, MN: Duluth International (DLH)	46°50'31.5"	92°11'37.1"
Durango, CO: Durango-La Plata County (DRO)	37°09'05.5"	107°45'13.6"
Eagle, CO: Eagle County Regional (EGE)	39°38'33.2"	106°55'03.7"
El Paso, TX: El Paso International (ELP)	31°48'24.0"	106°22'40.1"
Eugene, OR: Mahlon Sweet Field (EUG)	44°07'23.7"	123°13'07.3"
Eureka, CA: Eureka Municipal (033)	40°46'51.4"	124°12'44.2"
Fargo, ND: Hector International (FAR)	46°55'09.7"	96°48'53.9"
Flint, MI: Bishop (FNT)	42°57'55.8"	83°44'36.4"
Ft. Lauderdale-Hollywood, FL:		
Ft. Lauderdale Executive (FXE)	26°11'50.2"	80°10'14.6"

City and airport	Reference coordinates	
	N. Latitude	W. Longitude
Ft. Lauderdale-Hollywd Int'l (FLL)	26°04'21.3"	80°09'09.9"
Ft. Meyers, FL: Page Field (FMY)	26°35'11.8"	81°51'47.7"
Ft. Meyers, FL: Southwest Florida International (RSW)	26°32'10.2"	81°45'18.6"
Ft. Wayne, IN: Fort Wayne International (FWA)	40°58'42.5"	85°11'42.5"
Ft. Worth, TX:		
Fort Worth Alliance (AFW)	32°59'12.5"	97°19'07.7"
Meacham (FTW)	32°49'11.2"	97°21'44.8"
Fresno, CA:		
Fresno-Chandler Downtown (FCH)	36°43'56.5"	119°49'11.6"
Fresno Yosemite Int'l (FAT)	36°46'34.3"	119°43'05.3"
Gainesville, FL: Gainesville Regional (GNV)	29°41'24.2"	82°16'18.4"
Grand Forks, ND: Grand Forks International (GFK)	47°56'57.3"	97°10'34.0"
Grand Rapids, MI: Gerald R. Ford Int'l (GRR)	42°52'51.0"	85°31'22.1"
Great Falls, MT: Great Falls International (GTF)	47°28'55.2"	111°22'14.5"
Green Bay, WI: Austin Straubel Int'l (GRB)	44°29'06.3"	88°07'46.5"
Greensboro, NC: Piedmont Triad International (GSO)	36°05'51.9"	79°56'14.3"
Greer, SC: Greenville-Spartanburg Int'l (GSP)	34°53'44.4"	82°13'07.9"
Gunnison, CO: Gunnison County (GUC)	38°32'02.2"	106°55'58.9"
Hana, HI: Hana (HNM)	20°47'44.3"	156°00'52.0"
Harlingen, TX: Valley International (HRL)	26°13'42.6"	97°39'15.8"
Harrisburg, PA:		
Capital City (CXY)	40°13'01.7"	76°51'05.3"
Harrisburg Int'l (MDT)	40°11'36.6"	76°45'48.3"
Hartford, CT (Windsor Locks):		
Bradley Int'l (BDL)	41°56'20.0"	72°40'59.6"
Hartford-Brainard (HFD)	41°44'10.6"	72°39'00.8"
Hayden, CO: Yampa Valley (HDN)	40°28'52.2"	107°13'03.6"
Hilo, HI: Hilo Int'l (ITO)	19°43'12.9"	155°02'54.5"
Honolulu, HI: Honolulu International (HNL)	21°19'07.3"	157°55'20.7"
Houston, TX:		
W.P. Hobby (HOU)	29°38'43.5"	95°16'44.0"
D.W. Hooks Memorial (DWH)	30°03'42.7"	95°33'10.0"
George Bush Intercontinental (IAH)	29°58'49.7"	95°20'23.0"
Indianapolis, IN: Indianapolis Int'l (IND)	39°43'02.4"	86°17'39.8"
Jackson Hole, WY: Jackson Hole (JAC)	43°36'26.4"	110°44'15.9"
Jacksonville, FL:		
Craig Municipal (CRG)	30°20'10.8"	81°30'52.0"
Jacksonville Int'l (JAX)	30°29'38.6"	81°41'16.3"
Kalamazoo, MI: Kalamazoo/Battle Creek International (AZO)	42°14'05.5"	85°33'07.4"
Kalispell, MT: Glacier Park International (FCA)	48°18'41.1"	114°15'18.2"
Kansas City, MO-KS:		
Kansas City Int'l (MCI)	39°17'51.4"	94°42'50.1"
Kansas City Municipal Dntn (MKC)	39°07'23.7"	94°35'33.9"
Kauna Kakai, HI: Molokai (MKK)	21°09'10.4"	157°05'46.5"
Knoxville, TN: McGhee Tyson (TYS)	35°48'44.9"	83°59'34.3"
Lacrosse, WI: Lacrosse Municipal (LSE)	43°52'46.5"	91°15'24.6"
Lansing, MI: Capital City (LAN)	42°46'43.3"	84°35'14.5"
Las Vegas, NV: McCarran Int'l (LAS)	36°04'49.3"	115°09'08.4"
Lihue, HI: Lihue (LIH)	21°58'33.5"	159°20'20.3"
Lincoln, NE: Lincoln Municipal (LNK)	40°51'03.5"	96°45'33.3"
Little Rock, AR: Adams Field (LIT)	34°43'48.8"	92°13'27.3"
Los Angeles, CA:		
Burbank-Glendale-Pasadena (BUR)	34°12'02.2"	118°21'30.6"
Catalina (AVX)	33°24'17.8"	118°24'57.1"
Long Beach-Daugherty Field (LGB)	33°49'03.8"	118°09'05.8"
Los Angeles Int'l (LAX)	33°56'33.1"	118°24'29.1"
Ontario Int'l (ONT)	34°03'21.6"	117°36'04.3"
Santa Ana-John Wayne-Orange City (SNA)	33°40'32.4"	117°52'05.6"
Louisville, KY: Louisville Int'l-Standford Field (SDF)	38°10'27.8"	85°44'09.6"
Lubbock, TX: Lubbock International (LBB)	33°39'49.1"	101°49'22.0"
Lynchburg, VA: Lynchburg Regional-Preston Glen Field (LYH)	37°19'36.1"	79°12'01.6"
Madison, WI: Dane County Regional-Truax Field (MSN)	43°08'23.5"	89°20'15.1"
Manchester, NH: Manchester (MHT)	42°56'04.3"	71°26'13.4"
Memphis, TN: Memphis Int'l (MEM)	35°02'32.7"	89°58'36.0"
Miami, FL:		
Miami Int'l (MIA)	25°47'35.7"	80°17'26.0"
Opa Locka (OPF)	25°54'25.2"	80°16'42.2"
Kendall-Tamiami Executive (TMB)	25°38'52.4"	80°25'58.0"
Milwaukee, WI: General Mitchell Int'l (MKE)	42°56'50.0"	87°53'47.7"
Minneapolis-St. Paul, MN: Minneapolis-St. Paul Int'l (MSP)	44°52'49.9"	93°13'00.9"
Minot, ND: Minot International (MOT)	48°15'33.8"	101°16'49.2"
Missoula, MT: Missoula International (MSO)	46°54'58.7"	114°05'26.0"

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City and airport	Reference coordinates	
	N. Latitude	W. Longitude
Mobile, AL: Mobile Regional (MOB)	30°41'29.1"	88°14'34.2"
Modesto, CA: Modesto City-County (MOD)	37°37'32.9"	120°57'15.9"
Monterey, CA: Monterey Peninsula (MRV)	36°35'13.1"	121°50'34.6"
Montrose, CO: Montrose Regional (MTJ)	38°30'31.9"	107°53'37.8"
Nashville, TN: Nashville Int'l (BNA)	36°07'28.1"	86°40'41.5"
New Haven, CT: Tweed-New Haven Municipal (HVN)	41°15'50.0"	72°53'13.6"
New Orleans, LA:		
Lakefront (NEW)	30°02'32.7"	90°01'41.7"
New Orleans Int'l (MYS)	29°59'36.2"	90°15'28.9"
Newburgh, NY: Stewart International (SWF)	41°30'14.7"	74°06'17.4"
Newport News-Hampton, VA: Newport News/Williamsburg (PHF)	37°07'54.8"	76°29'34.8"
New York-Northeast, NJ:		
Republic (FRG)	40°43'43.6"	73°24'48.3"
JFK International (JFK)	40°38'23.1"	73°46'44.1"
LaGuardia (LGA)	40°46'38.1"	73°52'21.4"
Long Island-McArthur (ISP)	40°47'42.8"	73°06'00.8"
Morristown Municipal (NJ) (MMU)	40°47'57.7"	74°24'53.5"
Newark Int'l (FWR)	40°41'32.9"	74°10'07.2"
Teterboro (NJ) (TEB)	40°51'00.4"	74°03'39.0"
Norfolk, VA: Norfolk Int'l (ORF)	36°53'40.6"	76°12'04.4"
Oklahoma City, OK:		
Wiley Post (PWA)	35°32'04.4"	97°38'49.9"
Will Rogers World (OKC)	35°23'35.1"	97°36'02.6"
Omaha, NE: Eppley Airfield (OMA)	41°18'09.1"	95°53'39.0"
Orlando, FL:		
Orlando Executive (ORL)	28°32'43.7"	81°19'58.6"
Orlando Int'l (MCO)	28°25'44.0"	81°18'57.7"
Palm Springs, CA: Palm Springs International (PSP)	33°49'46.8"	116°30'24.1"
Peoria, IL: Greater Peoria Regional (PIA)	40°39'51.3"	89°41'35.9"
Philadelphia, PA-NJ:		
Northeast Philadelphia (PNE)	40°04'55.0"	75°00'38.1"
Philadelphia Int'l (PHL)	39°52'19.0"	75°14'28.1"
Phoenix, AZ:		
Phoenix-Sky Harbor Int'l (PHX)	33°26'03.0"	112°00'29.0"
Scottsdale (SDL)	33°37'22.3"	111°54'37.9"
Pittsburgh, PA:		
Allegheny County (AGC)	40°21'15.9"	79°55'48.9"
Pittsburgh Int'l (PIT)	40°29'29.3"	80°13'58.3"
Portland, ME: Portland International Jetport (PWM)	43°38'46.2"	70°18'31.5"
Portland, OR:		
Portland-Hillsboro (HIO)	45°32'25.4"	122°56'59.4"
Portland International (PDX)	45°35'19.4"	122°35'51.0"
Portland-Troutdale (TTD)	45°32'57.7"	122°24'04.5"
Providence-Pawtucket, RI-MA:		
North Central State (SFZ)	41°55'14.7"	71°29'29.0"
T.F. Green State (PVD)	41°43'26.4"	71°25'41.6"
Pueblo, CO: Pueblo Memorial (PUB)	38°17'20.7"	104°29'47.7"
Raleigh/Durham, NC: Raleigh-Durham International (RDU)	35°52'39.5"	78°47'14.9"
Rapid City, SD: Rapid City Regional (RAP)	44°02'43.2"	103°03'26.5"
Reno, NV: Reno/Tahoe International (RNO)	39°29'54.8"	119°46'05.0"
Richmond, VA: Richmond International (RIC)	37°30'18.6"	77°19'10.8"
Roanoke, VA: Roanoke Regional/Woodrum Field (ROA)	37°19'31.7"	79°58'31.5"
Rochester, MN: Rochester International (RST)	43°54'26.0"	92°29'56.4"
Rochester, NY: Greater Rochester Int'l (ROC)	43°07'07.9"	77°40'20.6"
Sacramento, CA:		
Sacramento Executive (SAC)	38°30'45.1"	121°29'36.5"
Sacramento Int'l (SMF)	38°41'43.5"	121°35'26.8"
Saginaw, MI: MBS International (MBS)	43°31'58.5"	84°04'46.7"
Saipan Isl., CQ: Saipan International (GSN)	15°07'08.4"	145°43'45.7" E
St. Louis, MO-IL:		
Spirit of St. Louis (SUS)	38°39'42.7"	90°39'04.4"
St. Louis-Lambert Int'l (STC)	38°44'51.7"	90°21'35.9"
St. Petersburg, FL:		
Albert Whitted Municipal (SPG)	27°45'54.4"	82°37'37.1"
St. Petersburg Clearwater Int'l (PIE)	27°54'38.8"	82°41'14.9"
Salt Lake City, UT: Salt Lake City Int'l (SLC)	40°47'18.2"	111°58'39.9"
San Antonio, TX: San Antonio Int'l (SAT)	29°32'01.3"	98°28'11.2"
San Diego, CA: San Diego Lindbergh Int'l (SAN)	32°44'00.8"	117°11'22.8"
San Francisco-Oakland, CA:		
Metropolitan Oakland Int'l (OAK)	37°43'16.7"	122°13'14.6"
San Francisco Int'l (SFO)	37°37'08.4"	122°22'29.4"
San Jose, CA: San Jose Int'l (SJC)	37°21'42.7"	121°55'44.4"

City and airport	Reference coordinates	
	N. Latitude	W. Longitude
San Juan, PR: Luis Munoz (SJU)	18°26'21.9"	66°00'06.6"
Santa Barbara, CA: Santa Barbara Municipal (SBA)	34°25'34.4"	119°50'25.3"
Santa Fe, NM: Santa Fe Municipal (SAF)	35°37'00.4"	106°05'17.3"
Sarasota, FL: Sarasota/Bradenton International (SRQ)	27°23'43.2"	82°33'14.8"
Savannah, GA: Savannah International (SAV)	32°07'39.3"	81°12'07.7"
Seattle, WA:		
Boeing/King County Int'l (BFI)	47°26'47.9"	122°18'33.5"
Seattle-Tacoma Int'l (SEA)	47°26'56.3"	122°18'33.5"
Shreveport, LA:		
Shreveport Downtown (DTN)	32°32'24.8"	93°44'42.1"
Shreveport Regional (SHV)	32°26'47.9"	93°49'32.2"
Sioux City, IA: Sioux Gateway (SUX)	42°24'09.4"	96°23'03.7"
Sioux Falls, SD: Joe Foss Field (FSD)	43°34'52.9"	96°44'30.1"
South Bend, IN: South Bend Regional (SBN)	41°42'32.2"	86°19'06.5"
Spokane, WA:		
Grant County Int'l (MWH)	47°12'27.5"	119°19'12.7"
Spokane Int'l (GEG)	47°37'11.5"	117°32'01.8"
Springfield, MA:		
Barnes Municipal (BAF)	42°09'27.8"	72°42'56.2"
Westover ARB/Metropolitan (CEF)	42°11'53.8"	72°32'03.3"
Springfield, MO: Springfield-Branson Regional (SGF)	37°14'39.6"	93°23'12.7"
Syracuse, NY: Syracuse-Hancock Int'l (SYR)	43°06'40.3"	76°06'22.7"
Tacoma, WA: Tacoma Narrows (TIV)	47°16'04.6"	122°34'41.2"
Tallahassee, FL: Tallahassee Regional (TLH)	30°23'47.5"	84°21'01.2"
Tampa, FL: Tampa Int'l (TPA)	27°58'31.7"	82°31'59.7"
Telluride, CO: Telluride Regional (TEX)	37°57'13.5"	107°54'30.5"
Toledo, OH: Toledo Express (TOL)	41°35'12.5"	83°48'28.2"
Trenton, NJ-PA: Trenton Mercer (TTN)	40°16'36.1"	74°48'48.5"
Tucson, AZ: Tucson Int'l (TUS)	32°06'57.9"	110°56'27.7"
Tulsa, OK:		
R.L. Jones, Jr. (RVS)	36°02'22.7"	95°59'04.7"
Tulsa Int'l (TUL)	36°11'54.1"	95°53'17.7"
Washington, DC:		
Dulles International (IAD)	38°56'40.3"	77°27'20.9"
Ronald Reagan National (DCA)	38°51'07.5"	77°02'15.8"
Waterloo, IA: Waterloo Municipal (ALO)	42°33'25.5"	92°24'01.2"
West Palm Beach, FL: Palm Beach International (PBI)	26°40'59.4"	80°05'44.1"
White Plains, NY: Westchester County (HPN)	41°04'01.1"	73°42'27.3"
Wichita, KS: Mid-Continent (ICT)	37°38'59.9"	97°25'58.9"
Scranton, PA: Wilkes-Barre/Scranton Int'l (AVP)	41°20'17.3"	75°43'27.4"
Wilmington, DE: New Castle County (ILG)	39°40'43.4"	75°36'23.5"
Worcester, MA: Worcester Regional (ORH)	42°16'02.4"	71°52'32.6"
Youngstown-Warren, OH-PA: Youngstown-Warren Regional (YNG)	41°15'38.7"	80°40'44.8"

¹ Coordinates followed by an "E" are east longitude.

(62) This frequency may be assigned to fixed stations in the Industrial/Business Pool in accordance with the provisions of § 90.261.

(63) Within the boundaries of urbanized areas of 200,000 or more population, defined in the United States Census of Population, 1960, vol. 1, table 23, page 1-50, this frequency may be used only by persons rendering a central station commercial protection service within the service area of the radio station utilizing the frequency and may be used only for communications pertaining to safety of life and property, and for maintenance or testing of the protection facilities. Central Station commercial protection service is defined as an electrical protection

and supervisory service rendered to the public from and by a central station accepted and certified by one or more of the recognized rating agencies, or the Underwriters Laboratories' (UL), or Factory Mutual System. Other stations in the Industrial/Business Pool may be licensed on this frequency only when all base, mobile relay and control stations are located at least 120 km (75 miles) from the city center or centers of the specified urbanized areas of 200,000 or more population. With respect to combination urbanized areas containing more than one city, 120 km (75 mile) separation shall be maintained from each city center which is

included in the urbanized area. The locations of centers of cities are determined from appendix, page 226, of the U.S. Commerce publication "Air Line Distance Between Cities in the United States."

(64) Persons who render a central station commercial protection service are authorized to operate fixed stations on this frequency for the transmission of tone or impulse signals on a secondary, noninterference base-to-base/mobile operations subject to the following conditions and limitations:

(i) Secondary fixed operations may be used only for the following purposes:

(A) Indication of equipment malfunction;

(B) Actuation of a device to indicate the presence of an intruder, fire, or other hazardous condition on the property under the protection of the licensee;

(C) Indication of an abnormal condition in facilities under the protection of the licensee that, if not promptly reported, would result in danger to human life;

(D) Transmission, as may be necessary, to verify status of equipment; adjust operating conditions; or correct any abnormal condition; or

(E) Confirmation of status, or that an operation or correction has been accomplished.

(ii) The maximum duration of any one non-voice signal may not exceed 2 seconds and shall not be transmitted more than three times.

(iii) Systems employing automatic interrogation shall be limited to non-voice techniques and shall not be activated for this purpose more than 10 seconds out of any 60-second period. This 10-second frame includes both transmit and response times.

(iv) The bandwidth shall not exceed that authorized to the licensee for the primary operation on the frequency concerned.

(v) Frequency loading resulting from the use of secondary signaling will not be considered in whole or in part as a justification for authorizing additional frequencies in the licensee's mobile system.

(vi) A mobile service frequency may not be used exclusively for secondary signaling.

(vii) The output power shall not exceed 30 watts (at the remote site).

(viii) A1D, A2D, F1D, or F2D emission may be authorized.

(ix) The transmitter shall be designed to deactivate automatically after 3 minutes of continuous carrier radiation.

(x) Operational fixed stations authorized under this paragraph are exempt from the requirements of §§ 90.137(b), 90.429(d), 90.425 and 90.433.

(xi) On these frequencies, base, mobile relay or mobile stations may transmit secondary tone or impulse signals to receivers, as provided in this section.

(65) Licensees providing a central station commercial protection service may communicate with police or fire stations, or vehicles, on this frequency, and may install licensed transmitting units which operate on this frequency at police or fire stations, or in police or fire vehicles, if the frequency's primary use is in a base/mobile system for a central station commercial protection service.

(66) This frequency may be assigned only to persons rendering a central station commercial protection service, which is defined in paragraph (c)(63) of this section, within the service area of the radio station utilizing the frequency.

(67) Medical telemetry operations are authorized on this frequency on a secondary basis. Medical telemetry operations are subject to the provisions of § 90.267(h)(2).

(68) Each station authorized on this frequency will be classified and licensed as a mobile station. Any units of such a station, however, may provide the operational functions of a base station on a secondary basis to mobile service operations provided that the vertical separation between control point or ground level and the center of the radiating portion of the antenna of any units so used does not exceed 8 meters (approximately 25 feet). This frequency is available for assignment as follows:

(i) To persons furnishing commercial air transportation service or, pursuant to § 90.179, to an entity furnishing radio communications service to persons so engaged, for stations located on or near

the airports listed in paragraph (c)(61)(iv) of this section. Stations will be authorized on a primary basis and may be used only in connection with servicing and supplying of aircraft. Operation on this frequency is limited to a maximum effective radiated power (ERP) of 40 watts at locations within 16 km (approximately 10 miles) of the coordinates of the listed airports.

(ii) To stations in the Industrial/Business Pool for secondary use at locations 80 km (approximately 50 miles) or more from the coordinates of the listed airports. Operation will be limited to a maximum ERP of 120 watts. Wide area operation will not be permitted. The area of normal, day-to-day operations will be described in the application.

(iii) To stations in the Industrial/Business Pool for secondary use at locations greater than 16 km (approximately 10 miles) but less than 80 km (approximately 50 miles) from the coordinates of the listed airports. Operation will be limited to a maximum ERP of 6 watts. Use of this frequency is restricted to the confines of an industrial complex or manufacturing yard area. Stations licensed prior to April 25, 2005, may continue to operate with facilities authorized as of that date.

(69) This frequency may be used on a secondary, non-interference basis by a hospital or health care institution holding a license to operate a radio station under this part to operate a medical radio telemetry device with an output power not to exceed 20 milliwatts without specific authorization from the Commission.

(70) Subpart L of this part contains rules for assignment of frequencies in the 470–512 MHz band.

(71) Subpart S of this part contains rules for assignment of frequencies in the 806–821/851–866 and 896–901/935–940 MHz bands.

(72) Assignment of frequencies above 928 MHz for operational-fixed stations is governed by part 101 of this chapter.

(73) Frequencies in this band are available only for one-way paging operations in accordance with § 90.494.

(74) Available only on a shared basis with stations in other services, and subject to no protection from interference due to the operation of indus-

trial, scientific, or medical (ISM) devices. In the band 2483.5–2500 MHz, no applications for new stations or modification to existing stations to increase the number of transmitters will be accepted. Existing licensees as of July 25, 1985, and licensees whose initial applications were filed on or before July 25, 1985, are grandfathered and their operations are on a co-primary basis with the mobile-satellite and radiodetermination-satellite services, and in the segment 2495–2500 MHz, their operations are also on a co-primary basis with part 27 fixed and mobile except aeronautical mobile service operations.

(75) [Reserved]

(76) The frequencies in the band 10.55–10.68 GHz are available for Digital Termination Systems and for associated intermodal links in the Point-to-Point Microwave Service. No new licenses will be issued under this subpart but current licenses will be renewed.

(77) All communications on this frequency must be conducted within the boundaries or confines of the licensee's business premises.

(78) Base and mobile stations authorized as of April 1, 1968, may continue to be authorized for such operation on a secondary basis to the Maritime Mobile Service. The licensees of such stations may renew, modify, reinstate, or assign their licenses in those cases where such assignment accompanies a change of ownership of the licensee's business to the assignee, and may expand existing systems when using that frequency; however, they will not be authorized to establish any new systems.

(79) Frequencies may be assigned in pairs with the separation between base and mobile transmit frequencies being 5.26 MHz. A mobile station may be assigned the frequency which would normally be assigned to a base station for single frequency operation. However, this single-frequency operation may be subject to interference that would not occur to a two-frequency system. Base or mobile stations located 80.5 km (50 miles) or less from the center or any urbanized area of 600,000 or more population (U.S. Census of Population, 1970) must be operated in the half-duplex mode.

(80) Concurrence from the Petroleum Coordinator is required only for applications for this frequency that request authorization for transmitters in Arkansas, Louisiana, Oklahoma, or Texas.

(81) Concurrence from the Petroleum Coordinator is required only for applications for this frequency that request authorization for transmitters in Arkansas, Louisiana, Oklahoma, Oregon, Texas, or Washington.

(82) 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 public safety interoperability operations. (*See* §90.20(c)(3)).

(83) Telemetry operations on this frequency will be authorized pursuant to §90.267.

(84) Operation on this frequency is subject to the low power provisions of §90.267. This frequency is assigned to Group A in the low power pool.

(85) Operation on this frequency is subject to the low power provisions of §90.267. This frequency is assigned to Group B in the low power pool.

(86) Operation on this frequency is subject to the low power provisions of §90.267. This frequency is assigned to Group C in the low power pool.

(87) Operation on this frequency is subject to the low power provisions of §90.267. This frequency is assigned to Group D in the low power pool.

(88) 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).

(89) The 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).

(90) As of March 25, 2007, the FCC will cease to issue licenses for new stations in the fixed and mobile services in the following bands: 5900–5950 kHz, 7300–7350 kHz, 9400–9500 kHz, 11600–11650 kHz, 12050–12100 kHz, 13800–13870 kHz, and 15600–15800 kHz. As of March 29, 2009, the FCC will cease to issue licenses for new stations in the fixed and mobile services in the band 7350–7400 kHz and, in the U.S. Pacific insular areas in Region 3, the band 7400–7450 kHz. Stations licensed as of March 25, 2007 in the bands 5900–5950 kHz, 7300–7350 kHz, 9400–9500 kHz, 11600–11650 kHz, 12050–12100 kHz, 13800–13870 kHz, and 15600–15800 kHz and as of March 29, 2009 for the band 7350–7400 kHz in Region 2 and the band 7350–7450 kHz in Region 3 shall:

(1) Be limited to communications only within the United States and its insular areas;

(2) Not cause harmful interference to the broadcasting service;

(3) Be limited to the minimum power needed to achieve communications; and

(4) Take account of the seasonal use of frequencies by the broadcasting service published in accordance with Article 12 of the ITU Radio Regulations.

(91) Subpart M of this part contains rules for assignment of frequencies in the 5850–5925 MHz band.

(92) This frequency is available on a shared basis both for remote control and telemetry operations and for mobile repeater operations. The authorized bandwidth may not exceed 11.25 kHz.

(93) This frequency is available on a shared basis with the Public Safety Pool for remote control and telemetry operations. In cases where §90.35(c)(95) applies to this frequency, licensees seeking primary status for the use of this frequency for mobile repeater stations and hand-carried transmitters that communicate directly with mobile repeater stations must describe the area of normal day-to-day operations either in terms of operation in a specific county or in the terms of maximum distance from a geographic center (latitude and longitude) and shall be subject to the frequency coordination requirements of §90.175.

(94) Mobile repeaters operating on this frequency are subject to a channel

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loading requirement of 50 transmitter-receivers. Loading standards will be applied in terms of the number of units actually in use or to be placed in use within 8 months following authorization. A licensee will be required to show that an assigned frequency pair is at full capacity before it may be assigned a second or additional frequency. Channel capacity may be reached either by the requirements of a single licensee or by several users sharing a channel. Until a channel is loaded to capacity it will be available for assignment to other users in the same area.

(95) The maximum effective radiated power (ERP) may not exceed 2 watts for mobile stations, and 5 watts for mobile repeater stations and hand-carried transmitters that communicate directly with mobile repeater stations.

(d) *Additional frequencies available.* In addition to the frequencies shown in the frequency table of this section, the following frequencies are available in this service. (See also § 90.253.)

(1) Frequencies may be substituted for those available below 25 MHz in accordance with the provisions of § 90.263.

(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).

(3) Frequencies in the 421–430 MHz band are available in the Detroit, Cleveland, and Buffalo areas in accordance with the rules in §§ 90.273 through 90.281.

(4) The following frequencies are available only in Puerto Rico and the Virgin Islands. These “Base and Mobile” and “Mobile only” frequencies are available on a shared basis with the Public Safety Pool. These “Mobile only” frequencies may be assigned to a control station associated with a mobile relay system if it is also assigned to the associated mobile station.

Base and mobile	Mobile only
159.240	160.410
159.2475	160.4175
159.255	160.425
159.2625	160.4325
159.270	160.440
159.2775	160.4475

Base and mobile	Mobile only
159.285	160.455
159.2925	160.4625
159.300	160.470
159.3075	160.4775
159.315	160.485
159.3225	160.4925
159.330	160.500
159.3375	160.5075
159.345	160.515
159.3525	160.5225
159.360	160.530
159.3675	160.5375
159.375	160.545
159.3825	160.5525
159.390	160.560
159.3975	160.5675
159.405	160.575
159.4125	160.5825
159.420	160.590
159.4275	160.5975
159.435	160.605
159.4425	160.6125

(5) Low power mobile stations of 100 mw or less output power used for one-way, non-voice medical telemetry operations in hospitals or in medical convalescent centers are subject to the provisions of § 90.238.

(6) [Reserved]

(7) A railroad licensee, i.e., a licensee eligible for frequencies listed in § 90.35(b)(3) of this section that are coordinated by the railroad coordinator (LR), may operate radio units at fixed locations and in moving railroad locomotives/cars that transmit on the frequency 24.10 GHz, both unmodulated continuous wave radio signals and modulated FM digital signals for the purpose of alerting motorists to the presence of an approaching train. Unattended and continuous operation of such transmitters will be permitted without additional authorization from the Commission, provided type accepted equipment or equipment authorized pursuant to §§ 90.203(b)(4) and (b)(5) of this part is used, and all other rule provisions are satisfied.

(e) *Limitation on number of frequencies assignable.* Normally only one frequency, or pair of frequencies in the paired frequency mode of operation, will be assigned for mobile service operations by a single applicant in a given area. The assignment of an additional frequency or pair of frequencies will be made only upon a satisfactory showing of need, except that:

(1) Additional frequencies above 25 MHz may be assigned in connection

with operation of mobile repeaters in accordance with § 90.247 notwithstanding this limitation.

(2) [Reserved]

(3) Frequencies in the 25–50 MHz, 150–170 MHz, 450–512 MHz and 902–928 MHz bands may be assigned for the operation of Location and Monitoring Service (LMS) systems in accordance with the provisions of subpart M of this part, notwithstanding this limitation.

(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.

(5) Authorization for more than one mobile frequency in the band 72–76 MHz will be issued notwithstanding this limitation.

(6) This limitation shall not apply to paragraph (c)(1) of this section.

(7) Frequencies in the 457 and 467 MHz bands may be assigned collectively as provided by paragraph (c)(60) of this section notwithstanding this limitation.

(f) *Limitation on itinerant operation.* Base or mobile stations being utilized in itinerant operation will be authorized only on base or mobile frequencies designated for itinerant operation under paragraphs (c)(10) or (c)(17) of this section, or on other frequencies not designated for permanent use.

(g) The frequencies 9–490 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 trans-

mitter(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.

[62 FR 18874, Apr. 17, 1997]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 90.35, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

EFFECTIVE DATE NOTE: At 64 FR 36262, July 6, 1999, § 90.35 was amended by revising entries in the table in paragraph (b)(3) and by adding paragraphs (c)(80) and (c)(81), effective Aug. 5, 1999. At 64 FR 50467, Sept. 17, 1999, paragraphs (c)(80), (c)(81), and the following entries in the table in paragraph (b)(3) were stayed:

153.035 MHz through 153.4025 MHz, 153.4025 MHz through 153.4625 MHz, 153.485 MHz through 153.5225 MHz, 153.545 MHz through 153.5825 MHz, 153.605 MHz through 153.6425 MHz, 153.665 MHz through 153.6675 MHz, 158.145 MHz through 158.1825 MHz, 158.205 MHz through 158.2425 MHz, 158.265 MHz through 158.3325 MHz, 158.355 MHz through 158.3775 MHz, 158.415 MHz through 158.4375 MHz, 173.250 MHz, 173.300 MHz, 173.350 MHz, 451.175 MHz, 451.225 MHz, 451.275 MHz, 451.375 MHz, 451.425 MHz, 451.475 MHz, 451.525 MHz, 451.550 MHz, 451.575 MHz, 451.600 MHz, 451.625 MHz, 451.650 MHz, 451.675 MHz, 451.700 MHz, 451.750 MHz, 452.325 MHz, 452.375 MHz, 452.425 MHz, 452.475 MHz, 452.775 MHz, 452.825 MHz, 452.875 MHz, 456.175 MHz, 456.225 MHz, 456.275 MHz, 456.375 MHz, 456.425 MHz, 456.475 MHz, 456.525 MHz, 456.550 MHz, 456.575 MHz, 456.600 MHz, 456.625 MHz, 456.650 MHz, 456.675 MHz, 456.700 MHz, 456.750 MHz, 457.325 MHz, 457.375 MHz, 457.425 MHz, 457.475 MHz, 457.775 MHz, 457.825 MHz, 457.875 MHz, 462.475 MHz, 462.525 MHz, 467.475 MHz, and 467.525 MHz