

**Federal Communications Commission**

**§ 90.22**

within 0.005 percent of the frequency of operation.

Use on assigned channel center frequencies is not required.

	(MHz)
31.17 to 31.19	31.85 to 31.87
31.21 to 31.23	31.89 to 31.91
31.25 to 31.27	31.93 to 31.95
31.29 to 31.31	31.97 to 31.99
31.33 to 31.35	44.63 to 44.65
31.37 to 31.39	44.67 to 44.69
31.41 to 31.43	44.71 to 44.73
31.45 to 31.47	44.75 to 44.77
31.49 to 31.51	44.79 to 44.81
31.53 to 31.55	44.83 to 44.85
31.57 to 31.59	44.87 to 44.89
31.61 to 31.63	44.91 to 44.93
31.65 to 31.67	44.95 to 44.97
31.69 to 31.71	44.99 to 45.01
31.73 to 31.75	45.03 to 45.05
31.77 to 31.79	151.145 to 151.475
31.81 to 31.83	159.225 to 159.465

(ii) The emitted signal shall be non-voice modulation (A1D, A2D, F1D, or F2D emission).

(iii) The maximum occupied bandwidth, containing 99 percent of the radiated power, shall not exceed 0.25 kHz.

(iv) The transmitter output power shall not exceed a mean power of 5 mW nor shall any peak exceed 100 mW peak power, as measured into a permanently attached antenna; or if the transmitter and antenna combination are contained in a sealed unit, the field strength of the fundamental signal of the transmitter and antenna combination shall not exceed 0.29 V/m mean or 1.28 V/m peak when measured at a distance of 3 meters.

(v) The requirements of §90.175 regarding frequency coordination apply.

(8) An additional frequency may be assigned for paging operations from those frequencies available under paragraph (d)(13) of this section.

(9) The frequency 155.340 MHz may be assigned as an additional frequency when it is designated as a mutual assistance frequency as provided in paragraph (d)(40) of this section.

(10) Additional frequencies may be assigned for fixed station operations.

(11) The assignment of an additional frequency or frequencies may be authorized notwithstanding this limitation for common, intra-county, intra-fire-district, or intrastate fire coordination operations. The frequency or

frequencies requested must be in accordance with a frequency utilization plan, for the area involved, on file with the Commission.

[62 FR 18845, Apr. 17, 1997, as amended at 63 FR 36608, July 7, 1998; 63 FR 58651, Nov. 2, 1998; 64 FR 10397, Mar. 4, 1999; 64 FR 36261, July 6, 1999; 65 FR 38326, June 20, 2000; 65 FR 43715, 43716, July 14, 2000]

**§ 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)(77). Paging operations on frequencies subject to §90.20(d)(77) 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

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Urbanized area	North latitude	West longitude
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]

**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.

(b) *Industrial/Business Pool frequencies.*

(1) The following table indicates frequencies available for assignment to 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 certified frequency coordinator in the Industrial/Business Pool may coordinate such frequency 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) 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