

**§ 90.22**

grandfathered public safety station licensed prior to July 6, 1998, or an international border, to reduce power, decrease antenna height, and/or install directional antennas.

Mobile stations must be operated only within radio range of their associated base station.

(vi) Applicants seeking to be licensed for stations exceeding the power/antenna height limits of the table in paragraph (g)(5)(iv) of this section must request a waiver of that paragraph and must submit with their application an interference analysis, based upon an appropriate, generally-accepted terrain-based propagation model, that shows that co-channel protected entities, described in paragraph (g)(5)(iii) of this section, would receive the same or greater interference protection than the relevant criteria outlined in paragraph (g)(5)(iii) of this section.

[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; 65 FR 60874, Oct. 13, 2000; 65 FR 66650, Nov. 7, 2000; 67 FR 41858, June 20, 2002; 67 FR 63284, Oct. 11, 2002; 67 FR 70705, Nov. 26, 2002; 68 FR 19446, Apr. 21, 2003; 68 FR 38639, June 30, 2003; 68 FR 42298, July 17, 2003]

**§ 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

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Urbanized area	North latitude	West longitude
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