

## § 27.5

*Mobile station.* A station in the mobile service intended to be used while in motion or during halts at unspecified points.

*National Geodetic Reference System (NGRS).* The name given to all geodetic control data contained in the National Geodetic Survey (NGS) data base. (Source: National Geodetic Survey, U.S. Department of Commerce)

*Portable device.* Transmitters designed to be used within 20 centimeters of the body of the user.

*Radiodetermination.* The determination of the position, velocity and/or other characteristics of an object, or the obtaining of information relating to these parameters, by means of the propagation properties of radio waves.

*Radiolocation.* Radiodetermination used for purposes other than those of radionavigation.

*Radiolocation land station.* A station in the radiolocation service not intended to be used while in motion.

*Radiolocation mobile station.* A station intended to be used while in motion or during halts at unspecified points.

*Radionavigation.* Radiodetermination used for the purpose of navigation, including obstruction warning.

*Satellite Digital Audio Radio Service (satellite DARS).* A radiocommunication service in which compact disc quality programming is digitally transmitted by one or more space stations.

*Time division multiple access (TDMA).* A multiple access technique whereby users share a transmission medium by being assigned and using (one-at-a-time) for a limited number of time division multiplexed channels; implies that several transmitters use one channel for sending several bit streams.

*Time division multiplexing (TDM).* A multiplexing technique whereby two or more channels are derived from a transmission medium by dividing access to the medium into sequential intervals. Each channel has access to the entire bandwidth of the medium during its interval. This implies that one transmitter uses one channel to send several bit streams of information.

*Universal Licensing System.* The Universal Licensing System (ULS) is the consolidated database, application filing system, and processing system for all Wireless Radio Services. ULS sup-

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ports electronic filing of all applications and related documents by applicants and licensees in the Wireless Radio Services, and provides public access to licensing information.

*Wireless communications service.* A radiocommunication service licensed pursuant to this part for the frequency bands specified in § 27.5.

[62 FR 9658, Mar. 3, 1997, as amended at 62 FR 16497, Apr. 7, 1997; 63 FR 68954, Dec. 14, 1998; 65 FR 3145, Jan. 20, 2000; 65 FR 17602, Apr. 4, 2000]

### § 27.5 Frequencies.

(a) *2305–2320 MHz and 2345–2360 MHz bands.* The following frequencies are available for WCS in the 2305–2320 MHz and 2345–2360 MHz bands:

(1) Two paired channel blocks are available for assignment on a Major Economic Area basis as follows:

Block A: 2305–2310 and 2350–2355 MHz; and  
Block B: 2310–2315 and 2355–2360 MHz.

(2) Two unpaired channel blocks are available for assignment on a Regional Economic Area Grouping basis as follows:

Block C: 2315–2320 MHz; and  
Block D: 2345–2350 MHz.

(b) *746–764 MHz and 776–794 MHz bands.* The following frequencies are available for licensing pursuant to this part in the 746–764 MHz and 776–794 MHz bands:

(1) Two paired channels of 1 megahertz each are available for assignment solely to Guard band managers. Block A: 746–747 MHz and 776–777 MHz.

(2) Two paired channels of 2 megahertz each are available for assignment solely to Guard band managers. Block B: 762–764 MHz and 792–794 MHz.

(3) Two paired channels of 5 megahertz each are available for assignment. Block C: 747–752 MHz and 777–782 MHz.

(4) Two paired channels of 10 megahertz each are available for assignment. Block D: 752–762 MHz and 782–792 MHz.

[62 FR 9658, Mar. 3, 1997, as amended at 65 FR 3145, Jan. 20, 2000; 65 FR 17602, Apr. 4, 2000]

### § 27.6 Service areas.

(a) *2305–2320 MHz and 2345–2360 MHz bands.* WCS service areas for the 2305–2320 MHz and 2345–2360 MHz bands are

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Major Economic Areas (MEAs) and Regional Economic Area Groupings (REAGs) as defined below. Both MEAs and REAGs are based on the U.S. Department of Commerce's 172 Economic Areas (EAs). See 60 FR 13114 (March 10, 1995). In addition, the Commission shall separately license Guam and the Northern Mariana Islands, Puerto Rico and the United States Virgin Islands, American Samoa, and the Gulf of Mexico, which have been assigned Commis-

sion-created EA numbers 173-176, respectively. Maps of the EAs, MEAs, and REAGs and the FEDERAL REGISTER Notice that established the 172 EAs are available for public inspection and copying at the FCC Public Reference Room, Room CY-A257, 445 12th Street SW, Washington, D.C. 20554.

(1) The 52 MEAs are composed of one or more EAs and the 12 REAGs are composed of one or more MEAs, as defined in the table below:

REAGs	MEAs	EAs
1 (Northeast) .....	1 (Boston) .....	1-3.
	2 (New York City) .....	4-7, 10.
	3 (Buffalo) .....	8.
	4 (Philadelphia) .....	11-12.
2 (Southeast) .....	5 (Washington) .....	13-14.
	6 (Richmond) .....	15-17, 20.
	7 (Charlotte-Greensboro-Greenville-Raleigh) .....	18-19, 21-26, 41-42, 46.
	8 (Atlanta) .....	27-28, 37-40, 43.
	9 (Jacksonville) .....	29, 35.
	10 (Tampa-St. Petersburg-Orlando) .....	30, 33-34.
	11 (Miami) .....	31-32.
3 (Great Lakes) .....	12 (Pittsburgh) .....	9, 52-53.
	13 (Cincinnati-Dayton) .....	48-50.
	14 (Columbus) .....	51.
	15 (Cleveland) .....	54-55.
	16 (Detroit) .....	56-58, 61-62.
	17 (Milwaukee) .....	59-60, 63, 104-105, 108.
	18 (Chicago) .....	64-66, 68, 97, 101.
	19 (Indianapolis) .....	67.
	20 (Minneapolis-St. Paul) .....	106-107, 109-114, 116.
	21 (Des Moines-Quad Cities) .....	100, 102-103, 117.
4 (Mississippi Valley) .....	22 (Knoxville) .....	44-45.
	23 (Louisville-Lexington-Evansville) .....	47, 69-70, 72.
	24 (Birmingham) .....	36, 74, 78-79.
	25 (Nashville) .....	71.
	26 (Memphis-Jackson) .....	73, 75-77.
	27 (New Orleans-Baton Rouge) .....	80-85.
	28 (Little Rock) .....	90-92, 95.
	29 (Kansas City) .....	93, 99, 123.
	30 (St. Louis) .....	94, 96, 98.
5 (Central) .....	31 (Houston) .....	86-87, 131.
	32 (Dallas-Fort Worth) .....	88-89, 127-130, 135, 137-138.
	33 (Denver) .....	115, 140-143.
	34 (Omaha) .....	118-121.
	35 (Wichita) .....	122.
	36 (Tulsa) .....	124.
	37 (Oklahoma City) .....	125-126.
	38 (San Antonio) .....	132-134.
	39 (El Paso-Albuquerque) .....	136, 139, 155-157.
	40 (Phoenix) .....	154, 158-159.
6 (West) .....	41 (Spokane-Billings) .....	144-147, 168.
	42 (Salt Lake City) .....	148-150, 152.
	43 (San Francisco-Oakland-San Jose) .....	151, 162-165.
	44 (Los Angeles-San Diego) .....	153, 160-161.
	45 (Portland) .....	166-167.
	46 (Seattle) .....	169-170.
7 (Alaska) .....	47 (Alaska) .....	171.
8 (Hawaii) .....	48 (Hawaii) .....	172.
9 (Guam and the Northern Mariana Islands) .....	49 (Guam and the Northern Mariana Islands) .....	173.
10 (Puerto Rico and U.S. Virgin Islands) ..	50 (Puerto Rico and U.S. Virgin Islands) ..	174.
11 (American Samoa) .....	51 (American Samoa) .....	175.
12 (Gulf of Mexico) .....	52 (Gulf of Mexico) .....	176.

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(2) The Gulf of Mexico EA extends from 12 nautical miles off the U.S. Gulf coast outward into the Gulf.

(b) *746–764 MHz and 776–794 MHz bands.* WCS service areas for the 746–764 MHz and 776–794 MHz bands are as follows.

(1) Service areas for Block A in the 746–747 and 776–777 MHz bands and Block B in the 762–764 and 792–794 MHz bands are based on Major Economic Areas (MEAs), as defined in paragraphs (a)(1) and (a)(2) of this section.

(2) Service areas for Blocks C and D in the 747–762 MHz and 777–792 MHz bands are based on Economic Area Groupings (EAGs) as defined by the Federal Communications Commission.

*See* 62 FR 15978 (April 3, 1997) extended with the Gulf of Mexico. *See also* paragraphs (a)(1) and (a)(2) of this section and 62 FR 9636 (March 3, 1997), in which the Commission created an additional four economic area-like areas for a total of 176. Maps of the EAGs and the FEDERAL REGISTER Notice that established the 172 Economic Areas (EAs) are available for public inspection and copying at the Reference Center, Room CY A-257, 445 12th St., S.W., Washington, DC 20554. These maps and data are also available on the FCC website at [www.fcc.gov/oet/info/maps/areas/](http://www.fcc.gov/oet/info/maps/areas/).

(i) There are 6 EAGs, which are composed of multiple EAs as defined in the table below:

Economic area groupings	Name	Economic areas
EAG001 .....	Northeast .....	1–11, 54
EAG002 .....	Mid-Atlantic .....	12–26, 41, 42, 44–53, 70
EAG003 .....	Southeast .....	27–40, 43, 69, 71–86, 88–90, 95, 96, 174, 176(part)
EAG004 .....	Great Lakes .....	55–68, 97, 100–109
EAG005 .....	Central/Mountain .....	87, 91–94, 98, 99, 110–146, 148, 149, 152, 154–159, 176(part)
EAG006 .....	Pacific .....	147, 150, 151, 153, 160–173, 175

NOTE 1 TO PARAGRAPH (B)(2)(i): Economic Area Groupings are defined by the Federal Communications Commission; *see* 62 FR 15978 (April 3, 1997) extended with the Gulf of Mexico.

NOTE 2 TO PARAGRAPH (B)(2)(i): Economic Areas are defined by the Regional Economic Analysis Division, Bureau of Economic Analysis, U.S. Department of Commerce February 1995 and extended by the Federal Communications Commission, *see* 62 FR 9636 (March 3, 1997).

(ii) For purposes of paragraph (b)(2)(i) of this section, EA 176 (the Gulf of Mexico) will be divided between EAG003 (the Southeast EAG) and EAG005 (the Central/Mountain EAG) in accordance with the configuration of the Eastern/Central and Western Planning Area established by the Mineral Management Services Bureau of the Department of the Interior (MMS). That portion of EA 176 contained in the Eastern and Central Planning Areas as defined by MMS will be included in EAG003; that portion of EA 176 contained in the Western Planning Area as defined by MMS will be included in EAG005. Maps of these areas may be found on the following

MMS website: [www.gomr.mms.gov/homepg/offshore/offshore.html](http://www.gomr.mms.gov/homepg/offshore/offshore.html).

[62 FR 9658, Mar. 3, 1997, as amended at 64 FR 60726, Nov. 8, 1999; 65 FR 3145, Jan. 20, 2000; 65 FR 17602, Apr. 4, 2000; 65 FR 60113, Oct. 10, 2000]

EFFECTIVE DATE NOTE: At 65 FR 60113, Oct. 10, 2000, §27.6 was corrected in paragraph (b)(1) by changing the words “paragraph (a)(1)” to read “paragraphs (a)(1) and (a)(2)” and in paragraph (b)(2) by adding the phrase “paragraphs (a)(1) and (a)(2) of this section and” after the words “*See also*”, effective Oct. 10, 2000.

**Subpart B—Applications and Licenses**

**§ 27.10 Regulatory status.**

Except with respect to Guard band manager licenses, which are subject to subpart G of this part, the following rules apply concerning the regulatory status of licensees in the frequency bands specified in §27.5.

(a) *Single authorization.* Authorization will be granted to provide any or a combination of the following services in a single license: common carrier, non-common carrier, and broadcast. A