

Federal Communications Commission

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be restricted as to specified geographical areas, maximum power, or other operating conditions.

[48 FR 35237, Aug. 3, 1983, as amended at 53 FR 47715, Nov. 25, 1988; 63 FR 68974, Dec. 14, 1998; 64 FR 53241, Oct. 1, 1999]

§ 95.21 GMRS system description.

A *GMRS system* is one or more transmitting units used by station operators to communicate messages. A GMRS system is comprised of:

- (a) One or more station operators;
- (b) One mobile station consisting of one or more mobile units (see § 95.23 of this part);
- (c) One or more land stations (optional);
- (d) Paging receivers (optional); and
- (e) Fixed stations (optional).

[63 FR 68974, Dec. 14, 1998]

§ 95.23 Mobile station description.

(a) A *mobile station* is one or more units which transmit while moving or during temporary stops at unspecified points.

(b) A mobile station unit may transmit from any point within or over any areas where radio services are regulated by the FCC *except* where additional considerations apply.

(c) A mobile station unit may transmit from an aircraft or ship, with the captain's permission, which is:

- (1) Within or over any area where radio services are regulated by the FCC *except* where additional restrictions apply; and
- (2) On or over international waters, if the unit is transmitting from an aircraft or ship of United States registry.

[48 FR 35237, Aug. 3, 1983, as amended at 49 FR 4003, Feb. 1, 1984; 63 FR 68974, Dec. 14, 1998]

§ 95.25 Land station description.

(a) A *land station* is a unit which transmits from a specific address as determined by the licensee.

- (1) An exact point as shown on the license; or
- (2) An unspecified point within an *operating area* (an area within a circle centered on a point chosen by the applicant) as shown on the license, for a *temporary period* (one year or less).

(b) The point from which every land station transmits must be within an area where radio services are regulated by the FCC.

(c) [Reserved]

(d) A *small control station* is any control station which:

(1) Has an antenna no more than 6.1 meters (20 feet) above the ground or above the building or tree on which it is mounted (see § 95.51); and

(2) *Is*: (i) South of Line A or west of Line C; or

(ii) North of Line A or east of Line C, and the station transmits with no more than 5 watts *ERP* (effective radiated power).

(e) A *small base station* is any base station that:

(1) Has an antenna no more than 6.1 meters (20 feet) above the ground or above the building or tree on which it is mounted (see § 95.51); and

(2) Transmits with no more than 5 watts *ERP*.

(f) Each base station and each control station with an antenna height greater than 6.1 meters (20 feet) must be separately identified on Form 605. See §§ 95.25 (d) and (e) and 95.51 of this part.

[48 FR 35237, Aug. 3, 1983, as amended at 53 FR 47715, Nov. 25, 1988; 53 FR 51625, Dec. 22, 1988; 63 FR 68974, Dec. 14, 1998]

§ 95.27 Paging receiver description.

A *paging receiver* is a unit capable of receiving the radio signals from a base station for the bearer to hear a *page* (someone's name or other identifier said in order to find, summon or notify him/her) spoken by the base station operator.

§ 95.29 Channels available.

(a) For a base station, fixed station, mobile station, or repeater station (a GMRS station that simultaneously retransmits the transmission of another GMRS station on a different channel or channels), the licensee of the GMRS system must select the transmitting channels or channel pairs (see § 95.7(a) of this part) for the stations in the GMRS system from the following 462 MHz channels:

462.5500, 462.5750, 462.6000, 462.6250, 462.6500, 462.6750, 462.7000 and 462.7250.

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(b) For a mobile station, control station, or fixed station operated in the duplex mode, the following 467 MHz channels may be used only to transmit communications through a repeater station and for remotely controlling a repeater station. The licensee of the GMRS system must select the transmitting channels or channel pairs (*see* § 95.7(a) of this part) for the stations operated in the duplex mode, from the following 467 MHz channels:

467.5500, 467.5750, 467.6000, 467.6250, 467.6500, 467.6750, 467.7000 and 467.7250.

(c)–(e) [Reserved]

(f) Except for a GMRS system licensed to a non-individual, a mobile station or a small base station operating in the simplex mode may transmit on the following 462 MHz interstitial channels:

462.5625, 462.5875, 462.6125, 462.6375, 462.6625, 462.6875 and 462.7125.

These channels may be used only under the following conditions:

(1) Only voice type emissions may be transmitted;

(2) The station does not transmit one-way pages; and

(3) The station transmits with no more than 5 watts ERP.

(g) Fixed stations in GMRS systems authorized before March 18, 1968, located 160 kilometers (100 miles) or more from the geographic center of urbanized areas of 200,000 or more population as defined in the U.S. Census of Population, 1960, Vol. 1, Table 23, page 50 that were authorized to transmit on channels other than those listed in this section may continue to transmit on their originally assigned channels provided that they cause no interference to the operation of stations in any of the part 90 private land mobile radio services.

[53 FR 47715, Nov. 25, 1988, as amended at 63 FR 68974, Dec. 14, 1998; 64 FR 53241, Oct. 1, 1999]

§ 95.33 Cooperative use of radio stations in the GMRS.

(a) *Licensees* (a licensee is the entity to which the license is issued) of radio stations in the GMRS may share the use of their stations with other entities

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eligible in the GMRS, subject to the following conditions and limitations.

(1) The station to be shared must be individually owned by the licensee, jointly owned by the participants and the licensee, leased individually by the licensee, or leased jointly by the participants and the licensee.

(2) The licensee must maintain access to and control over all stations authorized under its license.

(3) A station may be shared only:

(i) Without charge;

(ii) On a non-profit basis, with contributions to capital and operating expenses including the cost of mobile stations and paging receivers prorated equitably among all participants; or

(iii) On a reciprocal basis, i.e., use of one licensee's stations for the use of another licensee's stations without charge for either capital or operating expenses.

(4) All sharing arrangements must be conducted in accordance with a written agreement to be kept as part of the station records.

(b) [Reserved]

[48 FR 35237, Aug. 3, 1983, as amended at 63 FR 68975, Dec. 14, 1998]

§ 95.45 Considerations on Department of Defense land and in other circumstances.

(a) The Department of Defense may impose additional restrictions on a station transmitting on its land. (Before placing a station at such a point, a licensee should consult with the commanding officer in charge of the land.)

(b) Additional restrictions may apply when a land station in a GMRS system is located near FCC field offices, near United States borders, in quiet zones, or when it may have a significant impact upon the environment. *See* §§ 1.923 and 1.924 of this chapter.

[63 FR 68975, Dec. 14, 1998]

§ 95.51 Antenna height.

(a) Certain antenna structures used in a GMRS system and that are more than 60.96 m (200 ft) in height, or are located near or at a public-use airport must be notified to the FAA and registered with the Commission as required by part 17 of this chapter.

(b) The antenna for a small base station or for a small control station must