

**Federal Communications Commission**

**§ 95.407**

any applicable treaty to which the United States is a party.

(d) Anyone intending to operate a CB station on the islands of Puerto Rico, Desecheo, Mona, Vieques, and Culebra in a manner that could pose an interference threat to the Arecibo Observatory shall notify the Interference Office, Arecibo Observatory, HC3 Box 53995, Arecibo, Puerto Rico 00612, in writing or electronically, of the location of the unit. Operators may wish to consult interference guidelines, which will be provided by Cornell University. Operators who choose to transmit information electronically should e-mail to: *prcz@naic.edu*.

(1) The notification to the Interference Office, Arecibo Observatory shall be made 45 days prior to commencing operation of the unit. The notification shall state the geographical coordinates of the unit.

(2) After receipt of such notifications, the Commission will allow the Arecibo Observatory a period of 20 days for comments or objections. The operator will be required to make reasonable efforts in order to resolve or mitigate any potential interference problem with the Arecibo Observatory. If the Commission determines that an operator has satisfied its responsibility to make reasonable efforts to protect the Observatory from interference, the unit may be allowed to operate.

[48 FR 24894, June 3, 1983, as amended at 62 FR 55535, Oct. 27, 1997; 70 FR 31374, June 1, 2005]

**§ 95.406 (CB Rule 6) Are there any special restrictions on the location of my CB station?**

(a) If your CB station is located on premises controlled by the Department of Defense you may be required to comply with additional regulations imposed by the commanding officer of the installation.

(b) If your C/B station will be constructed on an environmentally sensitive site, or will be operated in such a manner as to raise environmental problems, under §1.1307 of this chapter, you must provide an environmental assessment, as set forth in §1.1311 of this chapter, and undergo the environ-

mental review, §1.1312 of this chapter, before commencement of construction.

[48 FR 24894, June 3, 1983, as amended at 55 FR 20398, May 16, 1990]

**HOW TO OPERATE A CB STATION**

**§ 95.407 (CB Rule 7) On what channels may I operate?**

(a) Your CB station may transmit only on the following channels (frequencies):

| Channel  | Frequency (megahertz—MHz) |
|----------|---------------------------|
| 1 .....  | 26.965                    |
| 2 .....  | 26.975                    |
| 3 .....  | 26.985                    |
| 4 .....  | 27.005                    |
| 5 .....  | 27.015                    |
| 6 .....  | 27.025                    |
| 7 .....  | 27.035                    |
| 8 .....  | 27.055                    |
| 9 .....  | <sup>1</sup> 27.065       |
| 10 ..... | 27.075                    |
| 11 ..... | 27.085                    |
| 12 ..... | 27.105                    |
| 13 ..... | 27.115                    |
| 14 ..... | 27.125                    |
| 15 ..... | 27.135                    |
| 16 ..... | 27.155                    |
| 17 ..... | 27.165                    |
| 18 ..... | 27.175                    |
| 19 ..... | 27.185                    |
| 20 ..... | 27.205                    |
| 21 ..... | 27.215                    |
| 22 ..... | 27.225                    |
| 23 ..... | 27.255                    |
| 24 ..... | 27.235                    |
| 25 ..... | 27.245                    |
| 26 ..... | 27.265                    |
| 27 ..... | 27.275                    |
| 28 ..... | 27.285                    |
| 29 ..... | 27.295                    |
| 30 ..... | 27.305                    |
| 31 ..... | 27.315                    |
| 32 ..... | 27.325                    |
| 33 ..... | 27.335                    |
| 34 ..... | 27.345                    |
| 35 ..... | 27.355                    |
| 36 ..... | 27.365                    |
| 37 ..... | 27.375                    |
| 38 ..... | 27.385                    |
| 39 ..... | 27.395                    |
| 40 ..... | 27.405                    |

<sup>1</sup> See paragraph (b) of this section.

(b) Channel 9 may be used only for emergency communications or for traveler assistance.

(c) You must, at all times and on all channels, give priority to emergency communication messages concerning the immediate safety of life or the immediate protection of property.

(d) You may use any channel for emergency communications or for traveler assistance.

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(e) You must share each channel with other users.

(f) The FCC will not assign any channel for the private or exclusive use of any particular CB station or group of stations.

(g) The FCC will not assign any channel for the private or exclusive use of CB stations transmitting single side-band or AM.

## § 95.408 (CB Rule 8) How high may I put my antenna?

(a) *Antenna* means the radiating system (for transmitting, receiving or both) and the structure holding it up (tower, pole or mast). It also means everything else attached to the radiating system and the structure.

(b) If your antenna is mounted on a hand-held portable unit, none of the following limitations apply.

(c) If your antenna is installed at a fixed location, it (whether receiving, transmitting or both) must comply with either one of the following:

(1) The highest point must not be more than 6.10 meters (20 feet) higher than the highest point of the building or tree on which it is mounted; or

(2) The highest point must not be more than 18.3 meters (60 feet) above the ground.

(d) If your CB station is located near an airport, and if you antenna structure is more than 6.1 meters (20 feet) high, you may have to obey additional restrictions. The highest point of your antenna must not exceed one meter above the airport elevation for every hundred meters of distance from the nearest point of the nearest airport runway. Differences in ground elevation between your antenna and the airport runway may complicate this formula. If your CB station is near an airport, you may contact the nearest FCC field office for a worksheet to help you figure the maximum allowable height of your antenna. Consult part 17 of the FCC's Rules for more information.

WARNING: Installation and removal of CB station antennas near powerlines is dangerous. For your safety, follow the installation directions included with your antenna.

[48 FR 24894, June 3, 1983, as amended at 48 FR 41416, Sept. 15, 1983]

## 47 CFR Ch. I (10-1-14 Edition)

## § 95.409 (CB Rule 9) What equipment may I use at my CB station?

(a) You must use an FCC certificated CB transmitter at your CB station. You can identify an FCC certificated transmitter by the certification label placed on it by the manufacturer. You may examine a list of certificated equipment at any FCC Field Office or at FCC Headquarters. Use of a transmitter which is not FCC certificated voids your authority to operate the station.

(b) You must not make, or have made, any internal modification to a certificated CB transmitter. (See CB Rule 25, §95.425). Any internal modification to a certificated CB transmitter cancels the certification, and use of such a transmitter voids your authority to operate the station.

[48 FR 24894, June 3, 1983, as amended at 63 FR 36610, July 7, 1998]

## § 95.410 (CB Rule 10) How much power may I use?

(a) Your CB station transmitter power output must not exceed the following values under any conditions:

AM (A3)—4 watts (carrier power) SSB—12 watts (peak envelope power)

(b) If you need more information about the power rule, see the technical rules in subpart E of part 95.

(c) Use of a transmitter which has carrier or peak envelope power in excess of that authorized voids your authority to operate the station.

## § 95.411 (CB Rule 11) May I use power amplifiers?

(a) You may not attach the following items (power amplifiers) to your certificated CB transmitter in any way:

(1) External radio frequency (RF) power amplifiers (sometimes called linears or linear amplifiers); or

(2) Any other devices which, when used with a radio transmitter as a signal source, are capable of amplifying the signal.

(b) There are no exceptions to this rule and use of a power amplifier voids your authority to operate the station.

(c) The FCC will presume you have used a linear or other external RF power amplifier if—