

# Revised; Part 95 Personal Radio Service Rules that apply to MURS

This new service became effective November 13, 2000, thirty days after publication in the Federal Register (October 13, 2000). The Part 95 Rules have been amended as follows:

## 95.401 (CB Rule 1)

What are the Citizens Band Radio Services?

(f) The Multi-Use Radio Service (MURS) a private, two-way, short-distance voice, data, or image communications service for personal or business activities of the general public. The rules for this service are contained in subpart J of this part.

## 95.601 Basis and purpose.

Subpart J – Multi-Use Radio Service MURS)

## 95.603 Certification required.

(g) Each Multi-Use Radio Service transmitter (a transmitter that operates or is intended to operate in the MURS) must be certified in accordance with §90.203 of this chapter.

## 95.605 Certification procedures.

Any entity may request certification for its transmitter when the transmitter is used in the GMRS, FRS, R/C, CB, IVDS, LPRS, MURS, or MIGS following the procedures in part 2 of this chapter.

## 95.631 Emission types.

(i) A MURS station may transmit any emission type as specified in §90.207 of this Chapter.

## 95.632 MURS transmitter frequencies.

(a) The MURS transmitter channel frequencies are 151.820 MHz, 151.880 MHz, 151.940 MHz, 154.570 MHz, 154.600 MHz.

(b) The authorized bandwidth is 11.25 kHz on frequencies 151.820 MHz, 151.880 MHz, and 151.940 MHz. The authorized bandwidth is 12.5 kHz on frequencies 154.570 and 154.600 kHz.

(c) MURS transmitters must maintain a frequency stability of 5.0 ppm, or 2.0 ppm if designed to operate with a 6.25 kHz band-width.

## 95.633 Emission bandwidth.

(f) The authorized bandwidth for any emission type transmitted by a MURS transmitter is specified in §90.209 of this Chapter.

## 95.635 Unwanted radiation.

(e) For transmitters designed to operate in the MURS, transmitters shall comply with §90.210 of this chapter.

## 95.639 Maximum transmitter power.

(g) **No MURS unit, under any condition of modulation, shall exceed 2 watts effective radiated power (ERP).**

## 95.649 Power capability

**No CB, R/C, LPRS, FRS, MIGS, MURS, or WMTS unit shall incorporate provisions for increasing its transmitter power to any level in excess of the limits specified in §95.639.**

## 95.651 Crystal control required.

All transmitters used in the Personal Radio Services must be crystal controlled, **except** an R/C station that transmits in the 26 – 27 MHz frequency band, a FRS unit, a LPRS unit, **a MURS unit**, a MIGS transmitter, or a WMTS unit.  
(BUX Note: Crystal control is not required for a MURS transceiver – Buck.)

## 95.1301 Eligibility.

An entity is authorized by rule to operate a MURS transmitter if it is not a foreign government or a representative of a foreign government and if it uses the transmitter in accordance with 95.1309 and otherwise operates in accordance with the rules contained in this subpart. No license will be issued.

## 95.1303 Authorized locations.

(a) MURS operation is authorized:

(1) Anywhere CB station operation is permitted under §95.405; and

(2) Aboard any vessel of the United States, with the permission of the captain, while the vessel is traveling either domestically or in international waters.

(b) MURS operation is not authorized aboard aircraft in flight.

(c) Anyone intending to operate a MURS unit on the islands of Puerto Rico, Desecheo, Mona, Vieques, and Culebra in a manner that could pose an interference threat to the Arecibo Observatory...

## 95.1305 Station identification.

A MURS station is **not** required to transmit a station identification announcement.

## 95.1307 Permissible communications.

**(a) MURS stations may transmit voice, data, or image signals as permitted in this subpart.**

(b) A MURS station may transmit any emission type, subject to the limitations contained in §90.207 of this Chapter.

(c) MURS frequencies may be used for remote control and telemetering functions. Emission types A1D, A2D, F1D, F2D are authorized and stations used to control remote objects or devices may be operated on the continuous carrier transmit mode, **except on frequency 154.600 MHz.**

## §95.1309 Channel use policy.

(a) The channels authorized to MURS systems by this part are available on a shared basis only and will not be assigned for the exclusive use of any entity.

(b) Those using MURS transmitters must cooperate in the selection and use of channels in order to reduce interference and make the most effective use of authorized facilities. Channels must be selected in an effort to avoid interference to other MURS transmissions.

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For more information on the *Multi-Use Radio Service*; Go To:  
[www.PacketRadio.com/murs.htm](http://www.PacketRadio.com/murs.htm)