

**Federal Communications Commission**

**§ 80.177**

(2) Where the station power exceeds 250 watts carrier power or 1500 watts peak envelope power, the radio operator must hold a general radiotelephone operator license or higher class license.

[51 FR 31213, Sept. 2, 1986, as amended at 54 FR 40058, Sept. 29, 1989; 68 FR 46962, Aug. 7, 2003]

**§ 80.161 Operator requirements of the Great Lakes Radio Agreement.**

Each ship subject to the Great Lakes Radio Agreement must have on board an officer or member of the crew who holds a marine radio operator permit or higher class license.

**§ 80.163 Operator requirements of the Bridge-to-Bridge Act.**

Each ship subject to the Bridge-to-Bridge Act must have on board a radio operator who holds a restricted radiotelephone operator permit or higher class license.

**§ 80.165 Operator requirements for voluntary stations.**

**MINIMUM OPERATOR LICENSE**

Ship Morse telegraph .....	T-2.
Ship direct-printing telegraph.	MP.
Ship telephone, with or without DSC, more than 250 watts carrier power or 1,000 watts peak envelope power.	G.
Ship telephone, with or without DSC, not more than 250 watts carrier power or 1,000 watts peak envelope power.	MP.
Ship telephone, with or without DSC, not more than 100 watts carrier power or 400 watts peak envelope power:	
Above 30 MHz .....	None. <sup>1</sup>
Below 30 MHz .....	RP.
Ship earth station .....	RP.

<sup>1</sup>RP required for compulsory ships and international voyages.

[68 FR 46962, Aug. 7, 2003]

**GENERAL OPERATOR REQUIREMENTS**

**§ 80.167 Limitations on operators.**

The operator of maritime radio equipment other than T-1, T-2, or G licensees, must not:

(a) Make equipment adjustments which may affect transmitter operation;

(b) Operate any transmitter which requires more than the use of simple external switches or manual frequency selection or transmitters whose frequency stability is not maintained by the transmitter itself.

**§ 80.169 Operators required to adjust transmitters or radar.**

(a) All adjustments of radio transmitters in any radiotelephone station or coincident with the installation, servicing, or maintenance of such equipment which may affect the proper operation of the station, must be performed by or under the immediate supervision and responsibility of a person holding a first or second class radiotelegraph operator's certificate or a general radiotelephone operator license.

(b) Only persons holding a first or second class radiotelegraph operator certificate must perform such functions at radiotelegraph stations transmitting Morse code.

(c) Only persons holding an operator certificate containing a ship radar endorsement must perform such functions on radar equipment.

[51 FR 31213, Sept. 2, 1986, as amended at 54 FR 40058, Sept. 29, 1989]

**§ 80.175 Availability of operator licenses.**

All operator licenses required by this subpart must be readily available for inspection.

**§ 80.177 When operator license is not required.**

(a) No radio operator authorization is required to operate:

(1) A shore radar, a shore radiolocation, maritime support or shore radionavigation station;

(2) A survival craft station or an emergency position indicating radio beacon;

(3) A ship radar station if:

(i) The radar frequency is determined by a nontunable, pulse type magnetron or other fixed tuned device, and

(ii) The radar is capable of being operated exclusively by external controls;

(4) An on board station; or