

§ 87.41 Frequencies.

(a) *Applicant responsibilities.* The applicant must propose frequencies to be used by the station consistent with the applicant's eligibility, the proposed operation and the frequencies available for assignment. Applicants must cooperate in the selection and use of frequencies in order to minimize interference and obtain the most effective use of stations. See subpart E and the appropriate subpart applicable to the class of station being considered.

(b) *Licensing limitations.* Frequencies are available for assignment to stations on a shared basis only and will not be assigned for the exclusive use of any licensee. The use of any assigned frequency may be restricted to one or more geographical areas.

(c) *Government frequencies.* Frequencies allocated exclusively to federal government radio stations may be licensed. The applicant for a government frequency must provide a satisfactory showing that such assignment is required for inter-communication with government stations or required for coordination with activities of the federal government. The Commission will coordinate with the appropriate government agency before a government frequency is assigned.

(d) *Assigned frequency.* The frequency coinciding with the center of an authorized bandwidth of emission must be specified as the assigned frequency. For single sideband emission, the carrier frequency must also be specified.

§ 87.43 Operation during emergency.

A station may be used for emergency communications in a manner other than that specified in the station license or in the operating rules when normal communication facilities are disrupted. The Commission may order the discontinuance of any such emergency service.

§ 87.45 Time in which station is placed in operation.

This section applies only to unicom stations and radionavigation land stations, excluding radionavigation land test stations. When a new license has been issued or additional operating frequencies have been authorized, the station or frequencies must be placed in

operation no later than one year from the date of the grant. The licensee must notify the Commission in accordance with § 1.946 of this chapter that the station or frequencies have been placed in operation.

[69 FR 32879, June 14, 2004]

§ 87.47 Application for a portable aircraft station license.

A person may apply for a portable aircraft radio station license if the need exists to operate the same station on more than one U.S. aircraft.

§ 87.51 Aircraft earth station commissioning.

(a) [Reserved]

(b) Aircraft earth stations authorized to operate in the Inmarsat space segment must display the Commission license together with the commissioning certificate issued by Inmarsat. Notwithstanding the requirements of this paragraph, aircraft earth stations may operate in the Inmarsat space segment without an Inmarsat-issued commissioning certificate if written approval is obtained from Inmarsat in addition to the license from the Commission.

[57 FR 45749, Oct. 5, 1992, as amended at 63 FR 68957, Dec. 14, 1998]

Subpart C—Operating Requirements and Procedures

OPERATING REQUIREMENTS

§ 87.69 Maintenance tests.

The licensee may make routine maintenance tests on equipment other than emergency locator transmitters if there is no interference with the communications of any other station. Procedures for conducting tests on emergency locator transmitters are contained in subpart F.

§ 87.71 Frequency measurements.

A licensed operator must measure the operating frequencies of all land-based transmitters at the following times:

- (a) When the transmitter is originally installed;
- (b) When any change or adjustment is made in the transmitter which may affect an operating frequency; or

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(c) When an operating frequency has shifted beyond tolerance.

§ 87.73 Transmitter adjustments and tests.

A general radiotelephone operator must directly supervise and be responsible for all transmitter adjustments or tests during installation, servicing or maintenance of a radio station. A general radiotelephone operator must be responsible for the proper functioning of the station equipment.

§ 87.75 Maintenance of antenna structure marking and control equipment.

The owner of each antenna structure required to be painted and/or illuminated under the provisions of Section 303(q) of the Communications Act of 1934, as amended, shall operate and maintain the antenna structure painting and lighting in accordance with part 17 of this chapter. In the event of default by the owner, each licensee or permittee shall be individually responsible for conforming to the requirements pertaining to antenna structure painting and lighting.

[61 FR 4368, Feb. 6, 1996]

§ 87.77 Availability for inspections.

The licensee must make the station and its records available for inspection upon request.

RADIO OPERATOR REQUIREMENTS

§ 87.87 Classification of operator licenses and endorsements.

(a) Commercial radio operator licenses issued by the Commission are classified in accordance with the Radio Regulations of the International Telecommunication Union.

(b) The following licenses are issued by the Commission. International classification, if different from the license name, is given in parentheses. The licenses and their alphanumeric designator are listed in descending order.

- (1) T-1 First Class Radiotelegraph Operator's Certificate
(2) T-2 Second Class Radiotelegraph Operator's Certificate
(3) G General Radiotelephone Operator Licenes (radiotelephone operator's general certificate)

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(4) T-3 Third Class Radiotelegraph Operator's Certificate (radiotelegraph operator's special certificate)

(5) MP Marine Radio Operator Permit (radiotelephone operator's restricted certificate)

(6) RP Restricted Radiotelephone Operator Permit (radiotelephone operator's restricted certificate)

§ 87.89 Minimum operator requirements.

(a) A station operator must hold a commercial radio operator license or permit, except as listed in paragraph (d).

(b) The minimum operator license or permit required for operation of each specific classification is:

MINIMUM OPERATOR LICENSE OR PERMIT

Land stations, all classes

—All frequencies except VHF telephony transmitters providing domestic serviceRP

Aircraft stations, all classes

—Frequencies below 30 MHz allocated exclusively to aeronautical mobile servicesRP

—Frequencies below 30 MHz not allocated exclusively to aeronautical mobile servicesMP or higher

—Frequencies above 30 MHz not allocated exclusively to aeronautical mobile services and assigned for international useMP or higher

—Frequencies above 30 MHz not assigned for international usenone

—Frequencies not used solely for telephony or exceeding 250 watts carrier power or 1000 watts peak envelope powerG or higher

(c) The operator of a telephony station must directly supervise and be responsible for any other person who transmits from the station, and must ensure that such communications are in accordance with the station license.

(d) No operator license is required to:

- (1) Operate an aircraft radar set, radio altimeter, transponder or other aircraft automatic radionavigation transmitter by flight personnel;
(2) Test an emergency locator transmitter or a survival craft station used solely for survival purposes;
(3) Operate an aeronautical enroute station which automatically transmits