

Federal Communications Commission

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(2) With any land station to exchange safety communications to or from a ship or aircraft station;

(3) With Government and non-Government ship and aircraft stations to exchange public correspondence;

(4) With units on land in accordance with § 80.123.

(b) Public coast stations are authorized to communicate with a designated station at a remote fixed location where other communication facilities are not available.

(c) Public coast stations are authorized to transmit meteorological and navigational information of benefit to mariners.

(d) Each public coast telegraphy station is authorized to communicate with other public coast telegraphy stations to exchange message traffic destined to or originated at mobile stations:

(1) To exchange operating signals, brief service messages or safety communication;

(2) To exchange message traffic destined for a mobile station when the coast station initially concerned is unable to communicate directly with the mobile station;

(3) In the Great Lakes region, to exchange message traffic originated at a mobile station when the use of available point-to-point communication facilities would delay the delivery of such message traffic;

(4) Utilization of radiotelegraphy must not incur additional charges or replace available point-to-point communication facilities;

(5) Only authorized working frequencies within the band 415 kHz to 5000 kHz must be employed for communications between coast stations;

(6) Harmful interference must not be caused to communication between mobile stations and coast stations or between mobile stations.

[51 FR 31213, Sept. 2, 1986, as amended at 62 FR 40307, July 28, 1997]

USE OF TELEGRAPHY

§ 80.455 Assignment and use of frequencies for manual Morse code telegraphy.

(a) The frequencies designated in §§ 80.355 and 80.357 may be licensed for

use by coast stations employing telegraphy.

(b) [Reserved]

§ 80.459 Digital selective calling.

Subpart H of this part lists frequencies assignable for DSC.

§ 80.461 Narrow-band direct-printing.

Subpart H of this part lists the frequencies assignable to public coast stations for operations with ship stations. Operating procedures are listed in subpart C of this part.

USE OF TELEPHONY

§ 80.465 Assignment and use of frequencies for telephony.

Subpart H of this part lists the frequencies available for assignment to public coast stations for telephony operations.

§ 80.467 Duplication of VHF service.

No duplication of service areas as determined by subpart P of this part will be permitted by public coast stations operating on the same VHF public correspondence channel. Within the service area of a station, the ratio of desired to undesired co-channel signal strengths on public correspondence channels must be at least 12dB.

§ 80.469 Maritime mobile repeater stations in Alaska.

(a) Maritime mobile repeater stations are authorized to extend the range of communication between a VHF public coast station located in Alaska and ship stations.

(b) On a secondary basis, maritime mobile repeater stations may be authorized to extend the range of a private coast station:

(1) In an area where VHF common carrier service is not available;

(2) A maritime mobile repeater station license expires 60 days after a public coast station in the area begins service.

(c) Maritime mobile repeater stations may not be authorized in cases where operational fixed frequencies can be employed.

(d) The provisions relating to duplication of service described in subpart P

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apply to maritime mobile repeater stations.

(e) The frequencies 157.275 and 161.875 MHz are assignable to maritime mobile repeater stations.

(f) Each maritime mobile repeater station must:

(1) Deactivate automatically within 5 seconds after the signals controlling the station cease; and

(2) During periods when it is not controlled from a manned control point, deactivate automatically not more than 20 minutes after its activation by a mobile unit.

[51 FR 31213, Sept. 2, 1986, as amended at 63 FR 68956, Dec. 14, 1998]

§ 80.471 Discontinuance or impairment of service.

Except as specified in § 20.15(b)(3) of this chapter with respect to commercial mobile radio service providers, a public coast station must not discontinue or impair service unless authorized to do so by the Commission.

[69 FR 64676, Nov. 8, 2004]

AUTOMATED SYSTEMS

§ 80.475 Scope of service of the Automated Maritime Telecommunications System (AMTS).

(a) A separate Form 601 is not required for each coast station in a system. However, except as provided in § 80.385(b) and paragraph (b) of this section, the applicant must provide the technical characteristics for each proposed coast station, including transmitter type, operating frequencies, emissions, transmitter output power, antenna arrangement, and location.

(1) Applicants proposing to locate a coast station transmitter within 169 kilometers (105 miles) of a channel 13 TV station or within 129 kilometers (80 miles) of a channel 10 TV station or with an antenna height greater than 61 meters (200 feet), must submit an engineering study clearly showing the means of avoiding interference with television reception within the grade B contour, see § 80.215(h) of this chapter, unless the proposed station's predicted interference contour is fully encompassed by the composite interference contour of the applicant's existing system, or the proposed station's pre-

dicted interference contour extends the system's composite interference contour over water only (disregarding uninhabited islands).

(2) Additionally, applicants required to submit the above specified must give written notice of the filing of such applications(s) to the television stations which may be affected. A list of the notified television stations must be submitted with the subject applications.

(b) Coast stations for which the above specified need not be submitted because the proposed station's predicted interference contour is fully encompassed by the composite interference contour of the applicant's existing system or the proposed station's predicted interference contour extends the system's composite interference contour over water only (disregarding uninhabited islands) must, at least 15 days before the station is put into operation, give written notice to the television stations which may be affected of the proposed station's technical characteristics, the date it will be put into operation, and the licensee's representative (name and phone number) to contact in the event a television station experiences interference. No prior FCC authorization is required to construct and operate such a station, but, at the time the station is added, the AMTS licensee must make a record of the technical and administrative information concerning the station and, upon request, supply such information to the FCC. In addition, when the station is added, the AMTS licensee must send notification of the station's location to the American Radio Relay League, Inc., 225 Main Street, Newington, CT 06111-1494, and Interactive Systems, Inc., Suite 1103, 1601 North Kent Street, Arlington, VA 22209.

(c) An AMTS system may provide private mobile radio service in addition to or instead of public correspondence service. However, such communications may be provided only to stations whose licensees make cooperative arrangements with the AMTS coast station licensees. In emergency and distress situations, services must be provided to ship stations without prior arrangements.