Federal Communications Commission

§ 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
§ 80.471
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.

§ 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 existing system, or the proposed station’s predicted 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 application(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 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.