

(b) Applications for certification of coast and ship station transponders must include a description of the technical characteristics of the equipment including the scheme of interrogation and the characteristics of the transponder response. When a certification application is submitted to the Commission a copy of such application must be submitted concurrently to: Commandant (G-TTS-3), U.S. Coast Guard, Washington, DC 20593.

(c) Prior to submitting an application for a non-selectable transponder coast station license in the 2920–3100 MHz or 9320–9500 MHz band the applicant must submit a letter requesting written approval of the proposed station to the cognizant Coast Guard District Commander of the area in which the device will be located. The letter must include:

- (1) The necessity for the station;
- (2) The latitude and longitude of its position;
- (3) The transponder antenna height above sea level;
- (4) The antenna azimuth response (angle of directivity);
- (5) The manufacturer and model number of the transponder;
- (6) The identifying Morse character for transponders used as racons;
- (7) The name and address of the person responsible for the operation and maintenance of the station;
- (8) The time and date during which it is proposed to operate the station; and
- (9) The maximum station e.i.r.p. if it would exceed 5 watts.

A copy of the request and the U.S. Coast Guard approval must be submitted to the Commission with the station license application.

(d) Prior to submitting an application for a non-selectable transponder ship station license in the 2920–3100 MHz or 9320–9500 MHz band the applicant must submit a letter requesting approval of the proposed station to: Commandant (G-NSR), U.S. Coast Guard, Washington, DC 20593. The letter must include the name, address and telephone number of a person or a point of contact responsible for the operation of the device, the specific need for the station, the name of the associated ship, the area in which the transponder will be used, and the hours of

operation. A copy of the request and the U.S. Coast Guard approval must be submitted to the Commission with the station license application.

[52 FR 7419, Mar. 11, 1987, as amended at 63 FR 36607, July 27, 1998]

EFFECTIVE DATE NOTE: At 63 FR 36607, July 7, 1998, §80.605, paragraph (b) was amended by removing the term “type acceptance” each place it appears and adding in its place “certification”, effective Oct. 5, 1998.

Subpart N—Maritime Support Stations

§80.651 Supplemental eligibility requirements.

(a) An applicant for a maritime support station must demonstrate a requirement for training personnel associated with the maritime service or for the testing, demonstration or maintenance of ship or coast radio equipment.

(b) [Reserved]

§80.653 Scope of communications.

(a) Maritime support stations are land stations authorized to operate at permanent locations or temporary unspecified locations.

(b) Maritime support stations are authorized to conduct the following operations:

(1) Training of personnel in maritime telecommunications;

(2) Transmissions necessary for the test and maintenance of maritime radio equipment at repair shops and at temporary unspecified locations;

(3) Transmissions necessary to test the technical performance of the licensee’s public coast station(s) radio-telephone receiver(s); and

(4) Transmissions necessary for radar/racon equipment demonstration.

[51 FR 31213, Sept. 2, 1986, as amended at 62 FR 40308, July 28, 1997]

§80.655 Use of frequencies.

(a) The frequencies available for assignment to maritime support stations are described or listed in:

(1) Section 80.373 for scope of communications described in §80.653(b)(1);

(2) Sections 80.373 and 80.385 for scope of communications described in §80.653(b)(2); and

(3) Section 80.389 for scope of communications described in § 80.653 (b)(3) and (4).

(b) Frequencies must be used only on a secondary, non-interference basis to operational maritime communications.

(c) Use of frequencies assigned to services other than the maritime radiolocation service is limited to one hour per twenty four hour period.

[51 FR 31213, Sept. 2, 1986, as amended at 52 FR 35245, Sept. 18, 1987]

§ 80.659 Technical requirements.

The authorized frequency tolerance, class of emission, bandwidth, and transmitter power for maritime support stations are contained in subpart E of this part under the category associated with the intended use except for power limitations imposed upon stations operating within the scope of § 80.653(b)(3), which are further limited by the provisions of § 80.215(f).

Subpart O—Alaska Fixed Stations

§ 80.701 Scope of service.

There are two classes of Alaska Fixed stations. Alaska-public fixed stations are common carriers, open to public correspondence, which operate on the paired duplex channels listed in subpart H of this part. Alaska-private fixed stations may operate on simplex frequencies listed in subpart H of this part to communicate with other Alaska private fixed stations or with ship stations, and on duplex frequencies listed in subpart H of this part when communicating with the Alaska-public fixed stations. Alaska-private fixed stations must not charge for service, although third party traffic may be transmitted. Only Alaska-public fixed stations are authorized to charge for communication services.

§ 80.703 Priority of distress and other signals.

Alaska-public fixed stations, when operating on an authorized carrier frequency which is also used by the maritime mobile service, must give priority to distress, urgency or safety signals, or to any communication preceded by one of these signals.

§ 80.705 Hours of service of Alaska-public fixed stations.

Each Alaska-public fixed station whose hours of service are not continuous must not suspend operations before having concluded all communications of an emergency nature.

§ 80.707 Cooperative use of frequency assignments.

(a) Only one Alaska-public fixed station will be authorized to serve any area whose point-to-point communication needs can be adequately served by a single radio communication facility.

(b) Each radio channel authorized for use by an Alaska-private fixed station is available on a shared basis only. All station licensees must cooperate in the use of their respective frequency assignments to minimize interference.

§ 80.709 Frequencies available.

Frequencies assignable to Alaska fixed stations are listed in subpart H of this part.

§ 80.711 Use of U.S. Government frequencies.

Alaska-public fixed stations may be authorized to use frequencies assigned to U.S. Government radio stations for communications with Government stations or for coordination of Government activities.

Subpart P—Standards for Computing Public Coast Station VHF Coverage

§ 80.751 Scope.

This subpart specifies receiver antenna terminal requirements in terms of power, and relates the power available at the receiver antenna terminals to transmitter power and antenna height and gain. It also sets forth the co-channel interference protection that VHF public coast station geographic area licensees must provide to incumbents.

[63 FR 40065, July 27, 1998]

§ 80.753 Signal strength requirements at the service area contour.

(a) The requirements for reception by a marine VHF shipboard receiver are satisfied if the field strength from the