

an external power source or a ship antenna must be equipped with an automatic timing device that deactivates the transmitter and reverts the transmitter to the receive mode after an uninterrupted transmission period of five minutes, plus or minus 10 percent. Additionally, such transmitters must have a device that indicates when the automatic timer has deactivated the transmitter. See also §80.203(c).

[51 FR 31213, Sept. 2, 1986, as amended at 56 FR 57988, Nov. 15, 1991]

EFFECTIVE DATE NOTE: At 68 FR 46961, Aug. 7, 2003, §80.141 was amended by revising paragraph (c) effective October 6, 2003. For the convenience of the user, the revised text is set forth as follows:

§80.141 General provisions for ship stations.

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(c) Service requirements for vessels. Each ship station provided for compliance with Part II of Title III of the Communications Act must provide a public correspondence service on voyages of more than 24 hours for any person who requests the service. Compulsory radiotelephone ships must provide this service for at least four hours daily. The hours must be prominently posted at the principal operating location of the station.

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§80.142 Ships using radiotelegraphy.

(a) Calling by narrow-band direct-printing. (1) NB-DP ship stations must call United States public coast stations on frequencies designated for NB-DP operation.

(2) Where it is known that the coast station maintains a watch on working frequencies for ship station NB-DP calls the ship station must make its initial NB-DP call on those frequencies.

(3) Calls to a coast station or other ship station must employ the following format: Coast station identification number, repeated twice; "DE", sent once; and ship station selective call number, repeated twice. When the coast station does not reply to a call sent three times at intervals of two minutes, the calling must cease for fifteen minutes.

(b) NB-DP operating procedure. The operation of NB-DP equipment in the

maritime mobile service must be in accordance with the operating procedures contained in the latest version of CCIR Recommendation 492 that does not prevent the use of existing equipment.

(c) Required channels for radiotelegraphy. (1) Each ship station using telegraphy on frequencies within the band 405-525 kHz must be capable of:

(i) Transmit and receive on 500 kHz using the authorized emissions, and

(ii) Transmit on at least two working frequencies and receive on all other frequencies necessary for their service using authorized emissions, and

(iii) When a radiotelegraph installation is compulsory, a fourth frequency within this band which is authorized specifically for direction finding must also be provided.

(2) Each ship station using telegraphy on frequencies within the band 90-160 kHz must be capable of transmitting and receiving Class A1A emission on the frequency 143 kHz, and on at least two additional working frequencies within this band except that portion between 140 kHz and 146 kHz.

(3) Each ship station using telegraphy and operating in the bands between 4000-27500 kHz must be capable of transmitting and receiving Class A1A or J2A emission on at least one frequency authorized for calling and at least two frequencies authorized for working in each of the bands for which facilities are provided to carry on its service.

(4) Each ship station using telegraphy in Region 2 on frequencies within the band 2065-2107 kHz must be capable of transmitting and receiving Class A1A or J2A emission on at least one frequency in this band authorized for working in addition to a frequency in this hand authorized for calling.

[51 FR 31213, Sept. 2, 1986, as amended at 54 FR 49993, Dec. 4, 1989]

EFFECTIVE DATE NOTE: At 68 FR 46961, Aug. 7, 2003, §80.142 was amended by revising paragraph (b) effective October 6, 2003. For the convenience of the user, the revised text is set forth as follows:

§80.142 Ships using radiotelegraphy.

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(b) NB-DP operating procedure. The operation of NB-DP equipment in the

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mobile service must be in accordance with the operating procedures contained in the latest version of ITU-R Recommendation M.492-6, "Operational Procedures for the use of Direct-Printing Telegraph Equipment in the Maritime Mobile Service," with Annex, 1995, that does not prevent the use of existing equipment. ITU-R Recommendation M.492-6 with Annex is incorporated by reference. The Director of the Federal Register approves this incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR Part 51. Copies of this standard can be inspected at the Federal Communications Commission, 445 12th Street, SW, Washington, DC (Reference Information Center) or at the Office of the Federal Register, 800 North Capitol Street, NW, Suite 700, Washington, DC. The ITU-R Recommendation can be purchased from the International Telecommunication Union (ITU), Place des Nations, CH-1211 Geneva 20, Switzerland.

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§ 80.143 Required frequencies for radiotelephony.

(a) Except for compulsory vessels, each ship radiotelephone station licensed to operate in the band 1605-3500 kHz must be able to receive and transmit J3E emission on the frequency 2182 kHz. Ship stations are additionally authorized to receive and transmit H3E emission for communications with foreign coast stations and with vessels of foreign registry. If the station is used for other than safety communications, it must be capable also of receiving and transmitting the J3E emission on at least two other frequencies in that band. However, ship stations which operate exclusively on the Mississippi River and its connecting waterways, and on high frequency bands above 3500 kHz, need be equipped with 2182 kHz and one other frequency within the band 1605-3500 kHz. Additionally, use of A3E emission is permitted for distress and safety purposes on 2182 kHz for portable survival craft equipment also having the capability to operate on 500 kHz and for transmitters authorized for use prior to January 1, 1972.

(b) Except as provided in paragraph (c) of this section, at least one VHF radiotelephone transmitter/receiver must be able to transmit and receive on the following frequencies:

- (1) The distress, safety and calling frequency 156.800 MHz;

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- (2) The primary intership safety frequency 156.300 MHz;

- (3) One or more working frequencies; and

- (4) All other frequencies necessary for its service.

(c) Where a ship ordinarily has no requirement for VHF communications, handheld VHF equipment may be used solely to comply with the bridge-to-bridge navigational communication requirements contained in subpart U of this part.

[51 FR 31213, Sept. 2, 1986, as amended at 52 FR 35244, Sept. 18, 1987]

EFFECTIVE DATE NOTE: At 68 FR 46961, Aug. 7, 2003, § 80.143 was amended by revising paragraph (a) effective October 6, 2003. For the convenience of the user the revised text is set forth as follows:

§ 80.143 Required frequencies for radiotelephony.

(a) Except for compulsory vessels, each ship radiotelephone station licensed to operate in the band 1605-3500 kHz must be able to receive and transmit J3E emission on the frequency 2182 kHz. Ship stations are additionally authorized to receive and transmit H3E emission for communications with foreign coast stations and with vessels of foreign registry. If the station is used for other than safety communications, it must be capable also of receiving and transmitting the J3E emission on at least two other frequencies in that band. However, ship stations which operate exclusively on the Mississippi River and its connecting waterways, and on high frequency bands above 3500 kHz, need be equipped with 2182 kHz and one other frequency within the band 1605-3500 kHz.

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§ 80.145 Class C EPIRB operational procedures.

Class C EPIRBs must be used for distress purposes only after use of the VHF/FM radiotelephone installation, in accordance with § 80.320, has proved unsuccessful or when a VHF/FM radiotelephone installation is not fitted, or when specifically requested to do so by a station engaged in search and rescue operations.

EFFECTIVE DATE NOTE: At 68 FR 46962, Aug. 7, 2003 § 80.145 was removed effective October 6, 2003.