

**Federal Communications Commission**

**§ 80.102**

automatically or when operating on 121.500 MHz for radiobeacon purposes.

(c) Emergency position indicating radiobeacon stations do not require identification.

**§ 80.100 Morse code requirement.**

The code employed for telegraphy must be the Morse code specified in the Telegraph Regulations annexed to the International Telecommunication Convention. Pertinent extracts from the Telegraph Regulations are contained in the "Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services" published by the International Telecommunication Union.

**§ 80.101 Radiotelephone testing procedures.**

This section is applicable to all stations using telephony except where otherwise specified.

(a) Station licensees must not cause harmful interference. When radiation is necessary or unavoidable, the testing procedure described below must be followed:

(1) The operator must not interfere with transmissions in progress.

(2) The testing station's call sign, followed by the word "test", must be announced on the radio-channel being used for the test.

(3) If any station responds "wait", the test must be suspended for a minimum of 30 seconds, then repeat the call sign followed by the word "test" and listen again for a response. To continue the test, the operator must use counts or phrases which do not conflict with normal operating signals, and must end with the station's call sign. Test signals must not exceed ten seconds, and must not be repeated until at least one minute has elapsed. On the frequency 2182 kHz or 156.800 MHz, the time between tests must be a minimum of five minutes.

(b) Testing of transmitters must be confined to single frequency channels on working frequencies. However, 2182 kHz and 156.800 MHz may be used to contact ship or coast stations as appropriate when signal reports are necessary. Short tests on 2182 kHz by vessels with DSB (A3) equipment for distress and safety purposes are permitted to evaluate the compatibility of that

equipment with an A3J emission system. U. S. Coast Guard stations may be contacted on 2182 kHz or 156.800 MHz for test purposes only when tests are being conducted by Commission employees, when FCC-licensed technicians are conducting inspections on behalf of the Commission, when qualified technicians are installing or repairing radiotelephone equipment, or when qualified ship's personnel conduct an operational check requested by the U.S. Coast Guard. In these cases the test must be identified as "FCC" or "technical".

(c) Survival craft transmitter tests must not be made within actuating range of automatic alarm receivers. Survival craft transmitters must not be tested on the frequency 500 kHz during the silence periods.

[51 FR 31213, Sept. 2, 1986, as amended at 63 FR 29659, June 1, 1998]

EFFECTIVE DATE NOTE: At 68 FR 46961, Aug. 7, 2003, § 80.101 was amended by revising paragraphs (b) and (c) effective October 6, 2003. For the convenience of the user the revised text is set forth as follows:

**§ 80.101 Radiotelephone testing procedures.**

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(b) Testing of transmitters must be confined to single frequency channels on working frequencies. However, 2182 kHz and 156.800 MHz may be used to contact ship or coast stations as appropriate when signal reports are necessary. Short tests on 4125 kHz are permitted by vessels equipped with MF/HF radios to evaluate the compatibility of the equipment for distress and safety purposes. U.S. Coast Guard stations may be contacted on 2182 kHz or 156.800 MHz for test purposes only when tests are being conducted by Commission employees, when FCC-licensed technicians are conducting inspections on behalf of the Commission, when qualified technicians are installing or repairing radiotelephone equipment, or when qualified ship's personnel conduct an operational check requested by the U.S. Coast Guard. In these cases the test must be identified as "FCC" or "technical."

(c) Survival craft transmitter tests must not be made within actuating range of automatic alarm receivers.

**§ 80.102 Radiotelephone station identification.**

This section applies to all stations using telephony which are subject to this part.

**§ 80.103**

(a) Except as provided in paragraphs (d) and (e) of this section, stations must give the call sign in English. Identification must be made:

(1) At the beginning and end of each communication with any other station.

(2) At 15 minute intervals when transmission is sustained for more than 15 minutes. When public correspondence is being exchanged with a ship or aircraft station, the identification may be deferred until the completion of the communications.

(b) Private coast stations located at drawbridges and transmitting on the navigation frequency 156.650 MHz may identify by use of the name of the bridge in lieu of the call sign.

(c) Ship stations transmitting on any authorized VHF bridge-to-bridge channel may be identified by the name of the ship in lieu of the call sign.

(d) Ship stations operating in a vessel traffic service system or on a waterway under the control of a U.S. Government agency or a foreign authority, when communicating with such an agency or authority may be identified by the name of the ship in lieu of the call sign, or as directed by the agency or foreign authority.

(e) VHF public coast station may identify by means of the approximate geographic location of the station or the area it serves when it is the only VHF public coast station serving the location or there will be no conflict with the identification of any other station.

[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, §80.102 was amended by redesignating paragraph (e) as paragraph (f) and adding a new paragraph (e) effective October 6, 2003. For the convenience of the user the added text is set forth as follows:

**§ 80.102 Radiotelephone station identification.**

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(e) Voice traffic in the INMARSAT system is closed to other parties except the two stations involved and the identification is done automatically with the establishment of the call. Therefore, it is not necessary for these stations to identify themselves periodically during the communication. For terrestrial systems using DSC to establish radio-

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telephone communications, the identification is made at the beginning of the call. In these cases, both parties must identify themselves by ship name, call sign or MMSI at least once every 15 minutes during radiotelephone communications.

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**§ 80.103 Digital selective calling (DSC) operating procedures.**

(a) Operating procedures for the use of DSC equipment in the maritime mobile service are as contained in CCIR Recommendation 541 as modified by paragraph (c) of this section.

(b) When using DSC techniques, coast and ship stations must use nine digit maritime mobile service identities.

(c) DSC acknowledgement of DSC distress and safety calls must be made by designated coast stations and such acknowledgement must be in accordance with procedures contained in CCIR Recommendation 541. Nondesignated public and private coast stations must follow the guidance provided for ship stations in CCIR Recommendation 541 with respect to DSC "Acknowledgement of distress calls" and "Distress relays".

EFFECTIVE DATE NOTE: At 68 FR 46961, Aug. 7, 2003, §80.103 was revised effective October 6, 2003. For the convenience of the user the revised text is set forth as follows:

**§ 80.103 Digital selective calling (DSC) operating procedures.**

(a) Operating procedures for the use of DSC equipment in the maritime mobile service are as contained in ITU-R M.541-8, "Operational Procedures for the Use of Digital Selective-Calling Equipment in the Maritime Mobile Service," with Annexes, 1997, and subpart W of this part.

(b) When using DSC techniques, coast stations and ship stations must use maritime mobile service identities (MMSI) assigned by the Commission or its designees.

(c) DSC acknowledgement of DSC distress and safety calls must be made by designated coast stations and such acknowledgement must be in accordance with procedures contained in ITU-R M.541-8, "Operational Procedures for the Use of Digital Selective-Calling Equipment in the Maritime Mobile Service," with Annexes, 1997. Nondesignated public and private coast stations must follow the guidance provided for ship stations in ITU-R M.541-8, "Operational Procedures for the Use of Digital Selective-Calling Equipment in