

**Federal Communications Commission**

**§ 80.1077**

which case a qualified restricted radio operator may be so designated.

(2) A second qualified GMDSS radio operator must be designated as backup for distress and safety radiocommunications, except if the vessel operates exclusively within twenty nautical miles of shore, in which case a qualified restricted GMDSS radio operator may be so designated.

(b) A qualified GMDSS radio operator, and a qualified backup, as specified in paragraph (a) of this section must be:

(1) Available to act as the dedicated radio operator in cases of distress as described in §80.1109(a);

(2) Designated to perform as part of normal routine each of the applicable communications described in §80.1109(b);

(3) Responsible for selecting HF DSC guard channels and receiving scheduled maritime safety information broadcasts;

(4) Designated to perform communications described in §80.1109(c);

(5) Responsible for ensuring that the watches required by §80.1123 are properly maintained; and

(6) Responsible for ensuring that the ship's navigation position is entered into all installed DSC equipment, either automatically through a connected or integral navigation receiver, or manually at least every four hours when the ship is underway.

[57 FR 9065, Mar. 16, 1992, as amended at 68 FR 46975, Aug. 7, 2003; 73 FR 4489, Jan. 25, 2008]

**§80.1074 Radio maintenance personnel for at-sea maintenance.**

(a) Ships that elect the at-sea option for maintenance of GMDSS equipment (see §80.1105) must carry at least one person who qualifies as a GMDSS radio

maintainer, as specified in paragraph (b) of this section, for the maintenance and repair of equipment specified in this subpart. This person may be, but need not be, the person designated as GMDSS radio operator as specified in §80.1073.

(b) The following licenses qualify personnel as GMDSS radio maintainers to perform at-sea maintenance of equipment specified in this subpart. For the purposes of this subpart, no order is intended by this listing or the alpha-numeric designator.

(1) DM: GMDSS Maintainer's License;

(2) DB: GMDSS Operator's/Maintainer's License.

(c) While at sea, all adjustments of radio installations, servicing, or maintenance of such installations that may affect the proper operation of the GMDSS station must be performed by, or under the immediate supervision and responsibility of, a qualified GMDSS radio maintainer as specified in paragraph (b) of this section.

(d) The GMDSS radio maintainer must possess the knowledge covering the requirements set forth in IMO Assembly on Training for Radio Personnel (GMDSS), Annex 5 and IMO Assembly on Radio Maintenance Guidelines for the Global Maritime Distress and Safety System related to Sea Areas A3 and A4.

[57 FR 9065, Mar. 16, 1992, as amended at 63 FR 49872, Sept. 18, 1998; 68 FR 46976, Aug. 7, 2003; 76 FR 67616, Nov. 2, 2011]

**§ 80.1075 Radio records.**

A record must be kept, as required by the Radio Regulations and §80.409 (a), (b) and (e), of all incidents connected with the radiocommunication service which appear to be of importance to safety of life at sea.

**§ 80.1077 Frequencies.**

The following table describes the frequencies used in the Global Maritime Distress and Safety System:

|           |                          |                                   |
|-----------|--------------------------|-----------------------------------|
| Alerting: |                          |                                   |
|           | 406.0–406.1 EPIRBs ..... | 406.0–406.1 MHz (Earth-to-space). |
|           |                          | 1544–1545 MHz (space-to-Earth).   |