

**Federal Communications Commission**

**§ 80.1077**

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]]

**§ 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).
INMARSAT–E EPIRBs <sup>12</sup> .....	1626.5–1645.5 MHz (Earth-to-space).
INMARSAT Ship Earth Stations capable of voice and/or direct printing.	1626.5–1645.5 MHz (Earth-to-space).
VHF DSC Ch. 70 .....	156.525 MHz. <sup>1</sup>
MF/HF DSC <sup>2</sup> .....	2187.5 kHz <sup>3</sup> , 4207.5 kHz, 6312 kHz, 8414.5 kHz, 12577 kHz, and 16804.5 kHz.

**On-scene communications:**

VHF Ch.16 .....	156.8 MHz.
MF Radiotelephony .....	2182 kHz.
NBDP .....	2174.5 kHz.

**Communications involving aircraft:**

On-scene, including search and rescue.	156.8 MHz <sup>4</sup> , 121.5 MHz <sup>5</sup> , 123.1 MHz, 156.3 MHz, 2182 kHz, 3023 kHz, 4125 kHz, and 5680 kHz. <sup>6</sup>
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**Locating signals:**

406–406.1 EPIRB Beacons .....	121.5 MHz.
9 GHz radar transponders .....	9200–9500 MHz.

**Maritime safety information (MSI):**

International NAVTEX .....	518 kHz. <sup>7</sup>
Warnings .....	490 kHz, 4209.5 kHz.
NBDP .....	4210 kHz, 6314 kHz, 8416.5 kHz, 12579 kHz, 16806.5 kHz, 19680.5 kHz, 22376 kHz, 26100.5 kHz.
Satellite .....	1530–1545 MHz. <sup>10</sup>

**General distress and safety communications and calling:**

Satellite .....	1530–1544 MHz (space-to-Earth) and 1626.5–1645.5 MHz (Earth-to-space). <sup>10</sup>
Radiotelephony .....	2182 kHz, 4125 kHz, 6215 kHz, 8291 kHz, 12290 kHz, 16420 kHz, and 156.8 MHz.
NBDP .....	2174.5 kHz, 4177.5 kHz, 6268 kHz, 8376.5 kHz, 12520 kHz, and 16695 kHz.
DSC .....	2187.5 kHz, 4207.5 kHz, 6312 kHz, 8414.5 kHz, 12577 kHz, 16804.5 kHz, and 156.525 MHz.

**Survival craft:**

VHF radiotelephony .....	156.8 MHz and one other 156–174 MHz frequency
9 GHz radar transponders .....	9200–9500 MHz.

<sup>1</sup>Frequency 156.525 MHz can be used for ship-to-ship alerting and, if within sea area A1, for ship-to-shore alerting.

<sup>2</sup>For ships equipped with MF/HF equipment, there is a watch requirement on 2187.5 kHz, 8414.5 kHz, and one other frequency.