

FREQUENCIES FOR DISTRESS AND SAFETY, SEARCH AND RESCUE AND EMERGENCIES

Frequency kHz	Use
490	Transmission by coast stations or meteorological and navigational warnings and urgent information to ships by means of narrow-band direct-printing (NBDP) telegraphy.
500	International distress frequency for Morse telegraphy. Distress calls and traffic, urgency signal and urgency messages and the safety signal.
518	Transmission by coast stations of meteorological and navigational warnings and urgent information to ships by means of NBDP (international NAVTEX).
2 174.5	Global Maritime Distress and Safety System (GMDSS) distress and safety traffic by NBDP.
2 182	International distress carrier frequency for radiotelephony. Distress calls and traffic, signals of emergency position-indicating radio-beacons (EPIRBs), urgency signal and urgency messages and the safety signal. GMDSS distress and safety traffic by radiotelephony. Search and Rescue (SAR) operations concerning manned space vehicles.
2187.5	GMDSS distress and safety calls using digital selective calling (DSC).
2 596	Carrier frequency for radiotelephony. Used in the UK for SAR purposes by HM Coastguard (HMCG) and the Royal National Lifeboat Institution (RNLI).
3 023	Aeronautical carrier frequency for radio-telephony. Used in co-ordinated SAR operations. SAR operations concerning manned space vehicles.
3 500 – 3 800	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area.
4 125	Carrier frequency used to supplement 2 182 kHz for distress and safety. GMDSS distress and safety traffic by radiotelephony. May be used by aircraft to communicate with stations of the maritime mobile service for distress and safety purposes, including SAR.
4 177.5	GMDSS distress and safety traffic by NBDP.
4 207.5	GMDSS distress and safety calls using DSC.
4 209.5	NAVTEX-type transmissions by coast stations by means of NBDP.
4 210	Transmission by coast stations of maritime safety information (MSI) by means of NBDP.
5 680	Aeronautical carrier frequency for radiotelephony. Used in co-ordinated SAR operations. SAR operations concerning manned space vehicles.
6 215	Carrier frequency used to supplement 2 182 kHz for distress and safety. GMDSS distress and safety traffic by radiotelephony.
6 268	GMDSS distress and safety traffic by NBDP.
6 312	GMDSS distress and safety calls using DSC.
6 314	Transmission by coast stations of MSI by means of NBDP.
7 000 – 7 100	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area

8 291	Carrier frequency for GMDSS distress and safety traffic by radiotelephony.
8 364	Used by survival craft in SAR operations with stations of the maritime and aeronautical mobile services.
8 376.5	GMDSS distress and safety traffic by NBDP
8 414.5	GMDSS distress and safety calls using DSC.
8 416.5	Transmission by coast stations of MSI by means of NBDP.
10 003	SAR operations concerning manned space vehicles.
10 100 – 10 150	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area
12 290	Carrier frequency for GMDSS distress and safety traffic by radiotelephony.
12 520	GMDSS distress and safety traffic by NBDP.
12 577	GMDSS distress and safety calls using DSC.
12 579	Transmission by coast stations of MSI by means of NBDP.
14 000 – 14 350	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area.
14 993	SAR operations concerning manned space vehicles.
16 420	Carrier frequency for GMDSS distress and safety traffic by radiotelephony.
16 695	GMDSS distress and safety traffic by NBDP.
16 804.5	GMDSS distress and safety calls using DSC.
16 806.5	Transmission by coast stations of MSI by means of NBDP.
18 068 – 18 168	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area.
19 680.5	Transmission by coast stations of MSI by means of NBDP.
19 993	SAR operations concerning manned space vehicles.
21 000 – 21 450	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area.
22 376	Transmission by coast stations of MSI by means of NBDP.
24 890 – 24 990	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area.
26 100.5	Transmission by coast stations of MSI by means of NBDP.
86.3125	Land SAR – England, Wales and Ireland
121.5	Aeronautical emergency frequency for the purposes of distress and urgency for radiotelephony by stations of the aeronautical mobile service. May also be used for these purposes by survival craft stations. EPIRBs may also use this frequency. SAR operations concerning manned space vehicles.
123.1	Auxiliary to 121.5 MHz, for use by stations of the aeronautical mobile service and by other mobile and land stations engaged in co-ordinated SAR operations.
132.65	SAR helicopter co-ordination.
144 – 146	Amateur band; in the event of natural disasters, may be used by non-amateur stations to meet the needs of international communications in the disaster area.
156	HMCG SAR on the UK coast.

156·3	Communications between ship stations and aircraft stations engaged in co-ordinated SAR operations. May be used by aircraft stations to communicate with ship stations for other safety purposes.
156·375	Communication between ship stations, aircraft stations and participating land stations engaged in co-ordinated SAR and anti-pollution operations. HMCG Yacht safety channel (1st reserve).
156·5	Communication between ship stations, aircraft stations and participating land stations engaged in co-ordinated SAR and anti-pollution operations.
156·525	In the maritime mobile VHF service the frequency 156·525 MHz is to be used exclusively for digital selective calling for distress, safety and calling (see Resolution 323 (Mob-87)).
156·65	GMDSS ship-to-ship communications relating to the safety of navigation.
156·675	Communications between ship stations, aircraft stations and participating land stations engaged in co-ordinated SAR and anti-pollution operations. HMCG 2nd reserve channel for SAR.
156·8	International distress and safety frequency for radiotelephony. Used for the distress signal the distress call, distress traffic, the urgency signal urgency traffic and the safety signal. GMDSS distress and safety traffic by radiotelephony. May be used by aircraft stations for safety purposes only. SAR operations concerning manned space vehicles.
158·65	Land SAR – Scotland.
160·6	HMCG SAR on the UK coast.
243	Survival craft stations and equipment used for survival purposes. SAR operations concerning manned space vehicles.
282·8	Survival craft stations and equipment used for survival purposes. SAR operations concerning manned space vehicles.
406 – 406·1	Satellite EPIRBs in the Earth-to-space direction.
1 530 – 1 544	In addition to routine non-safety use, is used for distress and safety purposes in the space-to earth direction in the maritime mobile – Satellite service.
1 544 – 1 545	Distress and safety operations including feeder links of satellites need to relay the emissions of satellite EPIRBs to earth stations and narrow-band (space-to-earth) links from space stations to mobile stations.
1626·5 – 1645·5	In addition to routine non-safety use, is used for distress and safety purposes in the earth-to-space direction in the maritime mobile – Satellite service.
1645 – 1646·5	Distress and safety operations including transmissions from satellite EPIRBs and relay distress alerts received by satellites in low polar earth orbits to geostationary satellites.
9200 – 9500	Radar transponders to facilitate SAR.