List of Required GMDSS Equipment

|  |  |  |  |
| --- | --- | --- | --- |
|  Equipment | A1 | A2 | A3 |
| VHF telephony installation with DSC capable of: | x | x | x |
|  | DSC watch on channel 70. | x | x | x |
|  | Radiotelephony watch on channel 16. | x | x | x |
|  | Watch on other appropriate frequency or frequencies for urgency and safety communications for the area in which the ship is navigating. | x | x | x |
| MF telephone1 installation with MF DSC capable of: |  | x | x |
|  | DSC watch on 2187.5 kHz. |  | x | x |
|  | Watch on other appropriate frequency or frequencies for urgency and safety communications for the area in which the ship is navigating. |  | x | x |
| SES providing RMSS. |  |  | x |
| MF/HF telephony installation with DSC capable of: |  |  |  |
|  | DSC watch on 2187.5 kHz and 8414.5 kHz. |  |  |  |
|  | Depending on time of day and geographical position, DSC watch on at least one of the frequencies 4207.5 kHz, 6312 kHz, 12577 kHz or 16804.5 kHz. |  |  |  |
|  | Watch on other appropriate frequency or frequencies for urgency and safety communications for the area in which the ship is navigating. |  |  |  |
| Duplicated VHF with DSC. | 2 | 2 | x |
| Duplicated MF1 with DSC. |  | 2 |  |
| Duplicated SES providing RMSS. |  |  | x3 |
| Duplicated MF/HF telephony with DSC. |  |  | x3 |
| Receiver(s) for MSI6 and SAR-related information7. | x | x | x |
| Float-free EPIRB. | x | x | x |
| Radar SART or AIS SART. | x4 | x4 | x4 |
| Portable GMDSS VHF transceivers. | x5 | x5 | x5 |
| Automatic updating of position to all relevant radiocommunication equipment. | x | x | x |

1 An MF/HF radio installation may be over and above an MF radio installation.

2 Nil, provided that a Shore-Based Maintenance Agreement is in place.

3 Ships in sea area A3 may choose duplication with either complete MF/HF transceiver or SES providing an RMSS with coverage equal to or broader than the primary RMSS.

4 Cargo ships between 300 and 500 gt: 1 set.

 Cargo ships of 500 gt and upwards and passenger ships: 2 sets.

5 Cargo ships between 300 and 500 gt: 2 sets.

 Cargo ships of 500 gt and upwards and passenger ships: 3 sets.

6 NAVTEX.

7 Enhanced Group Call (EGC) receiver.