

## Chapter IV

### Radio communications

<b>Reg. 6</b>	<b>Radio installations</b>
2.5	All portable equipment, such as portable two-way radio apparatuses and search and rescue locating devices should be marked with ships name and call sign ITU-RR art.19 and COMSAR/Circ.32-4.11/12
4	Trafi may exempt passenger ships from the requirement to connect all distress initiating radio communication installations to the distress alarm panel if required radio device is installed to the conning position next to the panel so that one person can operate distress panel and radio device at the same time. COMSAR/Circ.32-4.8.1, 4.8.2 & 4.8.3
<b>Reg. 7</b>	<b>Radio equipment: General</b>
1.6	Trafi interprets that requirements for location/installation of EPIRB are fulfilled when: 1. The EPIRB is, with greatest possible probability, float-free and avoid being caught in railings, superstructure, etc., if the ship sinks. 2. The EPIRB is located so that it may be easily released manually and brought to the survival craft by one person. It should therefore not be located in a radar mast or any other places which can only be reached by vertical ladder. COMSAR/Circ.32-4.10.1 & 4.10.2
2	Trafi accepts CE marked two-way aeronautical VHF radio equipment, complying with the performance standards COMSAR/Circ.32-4.14
<b>Reg. 13</b>	<b>Source of energy</b>
2	<ul style="list-style-type: none"> <li>- Switching between mains, emergency and reserve source of energy shall be automatic. Manual switching is not permitted. COMSAR/Circ.32-7.3</li> <li>- Every radio installation shall be supplied from at least two independent sources of power, where one of these power sources is the reserve source of energy.</li> </ul> <p>For guidance, the guidelines given in COMSAR/Circ.32-7.4 &amp; 7.5 should be used for determining the capacity and installation of the reserve source of energy.</p>
5	Electrical lightning shall be connected to the reserve source of energy
6	Battery charger or chargers is not permitted to supply the radio installations from mains and emergency source of power, during normal conditions, unless equipment is combination of power unit and charger, and approved to use in GMDSS system. COMSAR/Circ.32-7.1 An indication (meter or meters) of the battery voltage and charge/discharge current should be available on the navigation bridge. COMSAR/Circ.32-7.7.4
8	GNSS used to supply position information to the radio installations, shall be supplied from mains and emergency (if applicable) or reserve source of energy/batteries. COMSAR/Circ.32-4.15
<b>Reg. 15</b>	<b>Maintenance requirements</b>
	The guidelines given in COMSAR/Circ.32 shall normally be used when installing and maintaining radio installations.
3	Adequate information includes documentation and drawings of the radio installation, according to COMSAR/Circ.32-1.3.1/1.4,
4	Trafi does not permit At-sea electronic maintenance
9.1	<b>Annual test of EPIRB</b> Test report from the annual test shall be onboard Annual testing of the EPIRB has to be carried out in accordance with MSC.1/Circ.1576
<b>Reg. 16</b>	<b>Radio personnel</b>
	<p>All deck officers at sea areas A1-A4 shall be holders of valid Restricted Operators Certificate (ROC), and in the sea areas A2-A4 at least one deck officer shall be holder of valid General Operators Certificate (GOC).</p> <p>In passenger ships one deck officer shall be holder of Restricted Aeronautical Radio Operators Certificate (RT/E)</p> <p>Government Decree on the Manning of Ships and Certification of Seafarers 166/2013 10§</p>

<b>Reg. 17</b>	<p><b>Radio records</b></p> <p>Radio station shall be provided with a log in which the following are recorded as they occur, together with the time of the occurrence:</p> <ul style="list-style-type: none"> <li>a) a summary of communications relating to distress, urgency and safety traffic;</li> <li>b) a reference to important service incidents</li> </ul> <p>ITU-RR App.16</p> <p>All tests performed to the GMDSS radio installations (Inc. SART, AIS-SART and EPIRB), made by personnel onboard should be marked to the radio log.</p> <p><b>Note.</b></p> <p><b>Radio station publications on board</b></p> <p>Trafi interprets that radio publications onboard can be as follows:</p> <ul style="list-style-type: none"> <li>- ITU List of Ship Stations and Maritime Mobile Service Identity Assignments List V;</li> <li>- ITU the List of Coast Stations and Special Service Stations List IV or Admiralty List Of Radio Signals, Maritime Radio Stations NP281 part 1 and/or 2 depending on the area which the vessel is sailing;</li> <li>- ITU Manual for use by the Maritime Mobile and Maritime Mobile-Satellite Services or Admiralty List Of Radio Signals, Global Maritime Distress and Safety System(GMDSS) NP285.</li> </ul> <p>ITU-RR App.16</p>
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