Record No.:

Indian Register of Shipping

RECORD OF PASSENGER/CARGO SHIP SAFETY RADIO EQUIPMENT (GMDSS)

General Particulars	
Name of Ship: ……..…….	Flag/Port of Registry: …….
IMO-No.: ……..…….	Call Sign: ……..…….
Builder: …….	Date Keel laid: ……..…….
Gross Tonnage: …….	Type of ship[1)]: ……..…….

MMSI No. …….	Radiotelex (NBDP) No. …….	INMARSAT-C No. …….
		2nd INMARSAT-C No. …….

Note : ✔ as applicable

Sea area in which vessel is certified to operate:

☐ A1 ☐ A1+A2 ☐ A1+A2+A3 (INMARSAT) ☐ A1+A2+A3 (MF/HF) ☐ A1+A2+A3+A4

Maintenance requirements (check all that apply):

☐ Duplication of equipment ☐ Shore-based maintenance ☐ At-sea maintenance

1	**Sources of energy**			
1.1	Emergency source of electrical power available for (II-1/42, 43, IV/13): ☐ 36 hours (Passenger ships) ☐ 18 hours (Cargo ships)			
1.2	Reserve source of electrical power available for (IV/13): ☐ 1 hour ☐ 6 hours			
1.3	Battery (IV/13):			
	Type: ……	Voltage: ……	Capacity: ……	Location: ……
1.4	Automatic charger (IV/13):			
	Manufacturer and Type: ……		Full charge current: ……	

2.	**Radio installation - Basic equipment (IV/7 and 8, 9, 10 or 11)**			
		Manufacturer	**Type**	**Serial No.**
2.1	VHF - DSC controller	……..	……..	…….
	- DSC watch receiver	……..	……..	…….
	- Transmitter/receiver	……..	……..	…….

1. Additionally, ITU symbols designating classes of ships may be inserted.

2.2	MF - DSC controller	……..	……..	……
	- DSC watch receiver	……..	……..	……
	- Transmitter/receiver	……..	……..	……
2.3	MF/HF - DSC controller	……..	……..	……
	- DSC watch receiver	……..	……..	……
	- Transmitter/receiver	……..	……..	……
	- Direct-printing telegraphy	……..	……..	……
2.4	Ship Earth Station (SES) (see Note 1) ☐ Inmarsat-C ☐ Inmarsat-☐	……..	……..	……
2.5	**Secondary means of alerting (IV/8, 9, 10 or 11)**			
		Manufacturer	**Type**	**Serial No.**
2.5.1	VHF - DSC controller	……..	……..	……
	- Transmitter/receiver	……..	……..	……
2.5.2	MF - DSC controller	……..	……..	……
	- Transmitter/receiver	……..	……..	……
2.5.3	MF/HF - DSC controller	……..	……..	……
	- Transmitter/receiver	……..	……..	……
2.5.4	Ship Earth Station (SES) (see Note 1) ☐ Inmarsat-C ☐ Inmarsat-☐	……..	……..	……
2.5.5	Satellite EPIRB: ☐ Cospas/Sarsat	……..	……..	……
2.6.	**Radio installation – Duplicated equipment (IV/15, IMO Resolution A.702(17))**			
		Manufacturer	**Type**	**Serial No.**
2.6.1	VHF - DSC controller	……..	……..	……
	- Transmitter/receiver	……..	……..	……
2.6.2	MF - DSC controller	……..	……..	……
	- Transmitter/receiver	……..	……..	……
2.6.3	MF/HF - DSC controller	……..	……..	……
	- Transmitter/receiver	……..	……..	……
2.6.4	Ship Earth Station (SES) (see Note 1) ☐ Inmarsat-C ☐ Inmarsat-☐	……..	……..	……
2.7	**Facilities for reception of Maritime Safety Information, MSI (IV/7.1.4, 7.1.5)**			
		Manufacturer	**Type**	**Serial No.**
2.7.1	NAVTEX receiver (see Note 2)	……..	……..	……
2.7.2	EGC receiver (see Note 3)	……..	……..	……
2.7.3	HF direct-printing telegraphy receiver	……..	……..	……

2.8	**Satellite EPIRB**			
		Manufacturer	**Type**	**Serial No.**
2.8.1	Cospas/Sarsat			
	Number: ……..	……..	……..	…….
	Location: ……..	……..	……..	…….
2.8.2	Hydrostatic release unit	……..	……..	…….
2.8.3	☐ Satellite EPIRB described in 2.8.1 is used as secondary means of alerting, and has been installed close to, or by remote activation from, the position from which the ship is normally steered.			
2.8.4	When 2.8.3 is 'not selected' 2nd Satellite EPIRB:			
	☐ Cospas/Sarsat Location: ……..	……..	……..	…….
2.9	**Search and rescue locating devices (See Section 5)**			

3	**Additional requirements for passenger ships (IV/6.4, 6.5, 6.6, 7.2)**		
		Yes	**No**
3.1	Distress panel for initiating distress alert at conning position	☐	☐
3.2	Distress alarm panel for indicating received distress alert at conning position	☐	☐
3.3	3.1 and 3.2 substituted by location of all DSC encoder at conning position	☐	☐
3.4	Continuous and automatic provision of ship's position to relevant radio equipment	☐	☐
3.5	Satellite EPIRB of item 2.8 is used as secondary means of alerting	☐	☐
3.6	When 3.5 is 'YES' - Remote activation of satellite EPIRB of item 2.8	☐	☐

		Manufacturer:	Type:	Serial No.
3.7	When 3.6 is 'NO' - 2nd Satellite EPIRB: ☐ Cospas/Sarsat	……..	……..	…….
3.8	Two-way radiotelephone apparatus for aeronautical frequencies (121.5 MHz and 123.1 MHz)	……..	……..	…….

4	**Position updating (IV/18, V/19.2.1.6)**			
		Manufacturer	**Type**	**Serial No.**
4.1	Receiver (GNSS)	……..	……..	…….
4.2	Receiver (GNSS)	……..	……..	…….
4.3	Receiver (GNSS)	……..	……..	…….

5.	**Radio life-saving appliances (III/6.2.2 and 26.2.5)**			
5.1	Search and rescue locating devices			
		Manufacturer	**Type**	**Serial No.**
5.1.1	9 GHz radar transponder Number 1: Location: Number 2: Location:	 …….. ……..	 …….. ……..	 …… ……
5.1.2	AIS search and rescue transmitter Number 1: Location: Number 2: Location:	 …….. ……..	 …….. ……..	 …… ……
5.2	Two-way VHF radiotelephone Number 1: Location: Number 2: Location: Number 3: Location:	 …….. …….. ……..	 …….. …….. ……..	 …… …… ……

6.	**Additional radio equipment required by Flag State, if any**				
No.		**Manufacturer**	**Type**	**Serial no.**	**Reserve Source**
6.1	……..	……..	……..	……..	☐
6.2	……..	……..	……..	……..	☐
6.3	……..	……..	……..	……..	☐
6.4	……..	……..	……..	……..	☐
6.5	……..	……..	……..	……..	☐
6.6	……..	……..	……..	……..	☐
6.7	……..	……..	……..	……..	☐
6.8	……..	……..	……..	……..	☐
6.9	……..	……..	……..	……..	☐

7. Additional Requirement for the Vessels Operating in Polar Waters

7.1	**Sound Signal**			
		Manufacturer	**Type**	**Serial No.**
	Location: ……			
		……..	……..	……
		……..	……..	……

7.2	**Two Way Voice Data Communication for Aeronautical frequency and Telemedical Assistance Service (TMAS)**			
		Manufacturer	**Type**	**Serial No.**
	Location: ……			
		……..	……..	…….
		……..	……..	…….

7.3	**Equipment for each Rescue Boat and Life Boat Released for Evacuation in Low Air Temperature:**			
		Manufacturer	**Type**	**Serial No.**
7.3.1	EPIRB (for Ship to Shore Distress Alert) Location: ……			
		……..	……..	…….
		……..	……..	…….
7.3.2	Survival Craft Radar Transponder / AIS – SART (for Transmitting Location Position) Location: ……			
		……..	……..	…….
		……..	……..	…….
7.3.3	Two Way VHF Radio Telephone apparatus operating on Channel 16 & other Channels (for On Scene Communications) Location: ……			
		……..	……..	…….
		……..	……..	…….

7.4	**Vessel operating in Low Air Temperature; Each Survival Craft to be provided with:**			
		Manufacturer	**Type**	**Serial No.**
7.4.1	SART / AIS SART (for Transmitting Location Position) Location: ……			
		……..	……..	…….
		……..	……..	…….
7.4.2	Two Way Radio Telephone Apparatus (for On Scene Communications) Location: ……			
		……..	……..	…….
		……..	……..	…….

8	**Remarks**

The information contained in this record is a correct description of the Radio Equipment on board.

Name of Surveyor: _____ Name of Radio Inspector: _____

Signature of Surveyor: _____ Signature of Radio Inspector: _____

Radio Company: _____

Official Seal *Official Seal*

Date: _____

Port: _____

Note 1 - Ship earth station (other than Inmarsat-C) which forms part of the GMDSS must conform to the Performance Standard as follows:

1. If designed to operate in a mobile satellite service recognized on or after 1 January 2021, complies with the relevant requirements of resolution A.1001 (25) and conforms to performance standards not inferior to those specified in the Annex to Resolution MSC.434 (98).
2. If designed to operate in a mobile satellite service recognized before 1 January 2021:
   a. Conforms to the relevant requirements of resolution A.1001 (25) and conforms to performance standards not inferior to those specified in the Annex to Resolution MSC.434 (98).
      OR
   b. Conforms to the performance standards not inferior to those specified in the annex to:
      i. Resolution MSC.130 (75) on Performance standards for Inmarsat Ship Earth Stations capable of two-way communications, if installed after 1 February 1999.
      ii. Resolution A.808(19) on Performance standards for Ship Earth Stations capable of two-way communications, if installed on or after 23 November 1996 and before 1 February 1999;
      iii. Resolution A.698 (17) on Performance standards for Ship Earth Stations capable of two-way communications, if installed before 23 November 1996.

Note 2 - Navtex receiver equipment installed on or after 1 July 2019 must conforms to performance standards not inferior to those set out in the annex to resolution A.148 (77), as amended by the annex to resolution MSC.430 (98).

Note 3 - EGC equipment installed on or after 1 July 2019 must conforms to the performance standards not inferior to those set out in the annex to resolution MSC.306 (87), as amended by the annex to resolution MSC.431 (98).

9	**Equipment renewals, alterations and/or additions effected since the record was prepared**	
	Item Number	
9.1		Port …….. Date …….. **Signature** _____ (…….) **Official Seal** Name of Surveyor
9.2		Port …….. Date …….. **Signature** _____ (…….) **Official Seal** Name of Surveyor
9.3		Port …….. Date …….. **Signature** _____ (…….) **Official Seal** Name of Surveyor
9.4		Port …….. Date …….. **Signature** _____ (…….) **Official Seal** Name of Surveyor
9.5		Port …….. Date …….. **Signature** _____ (…….) **Official Seal** Name of Surveyor
9.6		Port …….. Date …….. **Signature** _____ (…….) **Official Seal** Name of Surveyor
9.7		Port …….. Date …….. **Signature** _____ (…….) **Official Seal** Name of Surveyor