

# Survey of GMDSS A1 radio installations

Ref.: Notices from the DMA B/D/E/F and various technical regulations (specific references to regulations are found on page 2)

File: Survey of GMDSS A1 radio installations.doc



Made by: OSJ

Controlled by: MMO

Version: 14-06-2013 08:03(MMO)

<b>Ship particulars:</b>	Case number:	Keel-laying date:	Survey date:
	Name of ship:		MMSI no.:
IMO no.:	Port of registry:		GT/GRT:
Official kW:	Type:	Distinctive number or letters:	
Type of survey: Survey of radio installations (GMDSS A1)			
Shipowner:			
Remarks:			

## Explanation of abbreviations

**N/A:** Not applicable – Meaning that this item is not applicable to the ship concerned.

**OK:** means that no requirements have been made. **REQ:** means that requirements have been made.

Kap IX Radiokommunikation						INIT	
Item	To be surveyed (applicable to new and existing ships)	OK	REQ	N/A	Remarks	Survey code	
1	Sufficient light at the radio installation connected to the radio battery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1611	
2	Sign at the radio installation giving the name, call sign and MMSI no. of the radio installation and placards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1699	
3	VHF-DSC (is the MMSI no. and position shown?), channels 16 and 70.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1651	
4	Float-free EPIRB tested – also annual testing? <sup>a</sup> Hydrostatic release located so that it can easily float free.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1671	
5	SART (located so that it can easily be used).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1699	
6	NAVTEX.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1699	
7	Aircraft radio (not applicable to existing pax below 24 m).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		0699	
8	Portable radio.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		0699	
9	Emergency alarm panel (not applicable to existing pax below 24 m).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1099	
10	Radio battery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1677	
11	Low current alarm (guidance no. 5 of 1 July 1999).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1099	
12	Radio certificate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		0199	
13	Radio log.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1680	
14	Maintenance (doubling, shore-based or on-board maintenance). <sup>b</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1635	
15	Dedicated person for operating the radio (passenger ships).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1635	

## Specification of radio equipment

Designation	Actual equipment
VHF radio system	
Float-free EPIRB	
Radar transponder (SART)	
Navtex receiver	
Portable VHF	
GPS	
Battery capacity	

Place

Date

Signature

<sup>a</sup> Guidance on annual testing of EPIRB, no. 4 of 17 September 2007.

<sup>b</sup> Not new ships < 24 m and existing ships < 45 m or cargo ships < 300 grt in int. trade or domestic trade.

<b>DMA</b>	Survey of A1 radio installation	
------------	---------------------------------	--

## References to regulations

Item	Notice B Ch IV	Notice D Ch IV	Notice E Ch IX	Notice F Ch IX	V and S ships	P vessels	Coastal rescue	LRB	RIB
1 (emergency light)	6,2,4	6,2,4	5,2,d	4,6	4,5,3	11,4	Ch 2 12,2	Ch 1 5,11	NA
2 (sign)	6,2,5	6,2,5	5,2,e	4,7	4,5,4	11,5	Ch 2 12,4	NA	NA
3 (VHF)	8	8	7	5	4,6	11,2	Ch 2 12,1	Ch 15,1	9
4 (EPIRB)	8	8	7	NA	4,5	NA	Ch 2 12,1	NA	NA
5 (SART)	7	Ch III 2	6	NA	4,5	NA	Ch 2 12,1	NA	NA
6 (NAVTEX)	8	8	7	NA	4,5	NA	NA	NA	NA
7 (aircraft radio)	NA	7,5	NA	NA	NA	NA	NA	NA	NA
8 (portable radio)	Ch III 6,2,1	Ch III 2	Ch VII 13	NA	4,5	NA	Ch 2 12,1	NA	NA
9 (emergency alarm)	NA	6,6	NA	NA	NA	NA	NA	NA	NA
10 (radio battery)	13	13	12	6,4	4,10	11,8	Chy 1 5,9	Ch 1 5,9	NA
11 (low current)	Tech reg	Tech reg	Tech reg	6,3	4,11	11,9	Ch 1 5,1	Ch 1 5,1	NA
12 (certificate)	16	16	15	8	4,17	NA	Ch 1 5,16	Ch 1 5,16	NA
13 (radio log)	17	17	16	NA	4,18	NA	NA	NA	NA
14 (maintenance)	15,6 <sup>1</sup>	15,6 <sup>2</sup>	14,6	NA	NA	NA	NA	NA	NA
15 (dedicated)	16,2	16,2 <sup>3</sup>	NA	NA	NA	NA	NA	NA	NA

## 1. RADIO EQUIPMENT A1

Type of ship	VHF-DSC	EPIRB	SART	Portable VHF	NAVTEX	Secondary alarm
Notice B	1	1	1	1	1	Cargo ship in domestic trade exempted
Notice D	1	1 <sup>4</sup>	1 <sup>3</sup>	1	1 <sup>3</sup>	Not applicable to existing ships with a L < 24 m
Notice E	1	1	1/R <sup>5</sup>	1/R <sup>6</sup>	R <sup>7</sup>	Not applicable to new ships < 24 m and existing ships < 45 m
Notice F	1	R	R	R	R	NA
V and S ships	1	1 <sup>4</sup>	1	1	1 <sup>7</sup>	NA
Coastal rescue	2 <sup>8</sup>	1	1	1	R <sup>9</sup>	NA
LRB	1 <sup>10</sup>			1 <sup>10</sup>		NA

1 = Required equipment

R = Recommended equipment (see footnotes)

## Functional standards

Notice B	Cargo ships with a gross tonnage below 300, VHF-DSC equipment must be A, B, D/CE marked or wheel-marked.
Notice D	Ships with a length below 24 m, VHF-DSC equipment must be A, B, D/CE marked or wheel-marked.
Notice E	Ships with a length below 24 m, VHF-DSC equipment must be A, B, D/CE marked or wheel-marked.
Notice F	VHF-DSC equipment must be A, B, D/CE marked or wheel-marked.
V, S and P ships	VHF-DSC equipment must be A, B or D marked.

<sup>1</sup> Cargo ships in international trade with a gross tonnage below 300 and cargo ships in domestic trade are exempted from this provision.

<sup>2</sup> Ships with a length below 24 m are exempted from this provision.

<sup>3</sup> Not applicable to existing passenger ships with a length below 24 m and passenger ships of class D.

<sup>4</sup> Not applicable to class D ships.

<sup>5</sup> Existing ships with a length below 24 m are exempted.

<sup>6</sup> Ships with a length below 24 m are exempted.

<sup>7</sup> New ships with a length below 24 m and existing ships below 45 m with a trade permit east of 6° eastern longitude and south of 58° northern latitude in the Baltic are exempted until now.

<sup>8</sup> For existing vessels, only one of the VHF installations need be fitted with DSC.

<sup>9</sup> So far a NAVTEX receiver is not required in sea areas A1 and A2 within the lines 6° eastern longitude and south of 58° northern latitude in the Baltic.

<sup>10</sup> Radioanlægget skal være af vandtæt type (mindst IP 67).