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TEST REPORT N 01.11
SHIPBORNE EQUIPMENT
OF DIGITAL SELECTIVE CALLING SYSTEM (DSC)
(MF/HF class A)

Equipment Under Test	<i>SAILOR 6320 250W MF/HF DSC Class A</i>
Trade mark	
Manufacturer	<i>Thrane&Thrane A/S, Denmark</i>
Type of test and normative references	Checking of software and performance algorithms ETSI EN 300 338-1 v1.3.1 (2010-02) ETSI EN 300 338-2 v1.3.1 (2010-02) Rec. ITU-R M.493-13 (2009) Rec. ITU-R M.541-9 (2004) IEC 61162-1, ed.3; (2007) ETSI EN 301 033 V1.3.1 (2010-09)
Place of testing	Aalborg, Denmark
Date of testing	September 2010 – January 2011

Date: 04.02.2011

Director of Test Laboratory: _____ / V. Sokolov/

Technical director of RES Lab, Expert: _____ / I. Bukanov/





Company:	<i>Thrane&Thrane</i>	
Equipment Under Test:	<i>SAILOR 6320 250W MF/HF DSC Class A</i>	
Date:	<i>September 2010 – January 2011</i>	

No.	The name of components	Serial number	Software version
1	SAILOR 6301 Control Unit Class A	0704040006	SW Version 1.03
2	SAILOR 6201 Handset		
3	SAILOR 6304 Splitter Box		
4	SAILOR 6363 250W MF/HF Class A Transceiver Unit		
5	SAILOR 6006 Message Terminal		
6	5083 29A Power Supply and Charger Black		
7	SAILOR H1252A USB/Parallel Printer		
8	Manual	Not provided	



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SAILOR 6301 Control Unit Class A



**SAILOR 6363 250W MF/HF Class A
Transceiver Unit**



**SAILOR 6006 Message Terminal
SAILOR H1252A USB/Parallel Printer
SAILOR 6201 Handset**



**5083 29A Power Supply and Charger Black
(without case)**



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Test equipment

No.	The name of components	Type, model	Serial number	Software version
1	RES DSC-TEST System Approved by: ROSSTANDARD N POCC RU.0001.21 MP 14 valid: 27.02.2011 Russian Maritime Register of Shipping N 07.01413.011 valid: 28.05.2012 MINTRANS RF (MARSAT): N AKP.07.09-16 PTH valid: 01.07.2014			Ver. 1.12
2	RES-TEST SYSTEM of verification of the software and algorithms of functioning NBDP GMDSS equipment Approved by: ROSSTANDARD N POCC RU.0001.21 MP 14 valid: 27.02.2011 Russian Maritime Register of Shipping N 07.01413.011 valid: 28.05.2012 MINTRANS RF (MARSAT): N AKP.07.09-16 PTH valid: 01.07.2014			Ver. 1.5



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**RES DSC-TEST
System**



**RES-TEST SYSTEM
of verification of the
software and
algorithms of
functioning NBDP
GMDSS equipment**



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Conclusions

The sample of the product SAILOR 6320 250W MF/HF DSC Class A was found conform with the specifications ETSI EN 300 338-1(2010-02), ETSI EN 300 338-2(2010-02), IEC 61162-1 (2007) and Rec. ITU-R M.493-13 (2009-10) within the framework of the carried out tests.

The deviations to normative documents and numbered as from 1 to 57 have non-critical character and are recommended to remove by development of the next version of the software of a product.

The results of the tests as started in this report, are exclusively applicable to the product item as identified in the report.

The above conclusions have been verified by the following signatory.

Date: 04.02.2011
Name: Dr. Bukanov Ivan
Function: Expert
Signature:

