



DET NORSKE VERITAS

QS - CERTIFICATE OF ASSESSMENT - EC

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2009/26/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-D-1438**

This is to certify that the Quality System for the
Radiocommunication equipment

with type designation(s) as specified in the Appendix to this Certificate

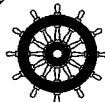
Manufacturer
Thrane & Thrane
KGS. LYNGBY, Denmark

is found to comply with the requirements applicable to it.
The quality system for the product, defined in Annex A.1, Item No. **A.1/5**, has been assessed with respect to the procedure of conformity assessment described in Annex B, Module D in the directive.

Limitations:

Modifications made to the Quality System shall immediately be reported to Det Norske Veritas AS in order to examine whether this Certificate remains valid. Annual periodical audits will be held to verify the validity of the Certificate.

Høvik, 2010-11-24
for Det Norske Veritas AS



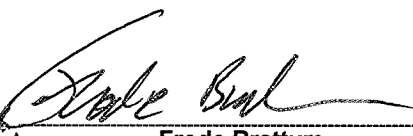
This Certificate is valid until
2015-12-22

Notified Body No.: **0575**


Eivind Mykland
Head of Department

DNV local office:
Copenhagen




Frode Brattum
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.



Certificate No.: MED-D-1438
 Item No.: A.1/5
 Job Id.: 344.1-000247-11

APPENDIX, REV. NO. 3

QS - Certificate of Assessment – EC, Certificate no. MED-D-1438

Type designation	EC Type-Examination Certificate No.	Expiry date
A.1/5.1; A.1/5.2 - VHF radio telephone with DSC TT-6222A SAILOR 6222 A VHF DSC Class A	MED-B-12041	2017-04-27
A.1/5.13 - Inmarsat-C SES Sailor-TT-3020C Thrane&Thrane TT 3020C Thrane&Thrane TT 3000E Sailor H2095C SAILOR 6110 GMDSS	QQ-MED-24/08-02 QQ-MED-24/08-02 11212001/AA/00 QQ-MED-24/08-02 MED-B-11011	2013-11-12 2013-11-12 2016-01-20 2013-11-12 2016-02-04
A.1/5.14; A1/5.15 - MF/ HF radio installation capable of transmitting and receiving DSC, NBDP and radiotelephony Sailor System 5000 MF/HF 150W Sailor System 5000 MF/HF 250W Sailor System 5000 MF/HF 500W SAILOR 6310 150W GMDSS MF/HF SYSTEM SAILOR 6320 250W GMDSS MF/HF SYSTEM SAILOR 6350 500W GMDSS MF/HF SYSTEM	06212502/AA/02 06212501/AA/01 07212007/AA/00 10212004/AA/03 10212005/AA/03 10212006/AA/03	2012-08-23 2012-08-23 2013-02-19 2016-05-16 2016-05-16 2016-05-16
A.1/5.17 - Portable survival craft two-way VHF radiotelephone apparatus SAILOR 3520 VHF SAILOR 3540 VHF R5 GMDSS	MED-B-11091 rev. 2 MED-B-11092 rev. 2 12212003/AA/00	2017-04-27 2017-04-27 2017-05-16
A.1/5.18 – Fix mounted survival craft two-way VHF radiotelephone apparatus SAILOR 6249 VHF Survival Craft	MED-B-11062 rev. 1	2017-04-27
A.1/5.19 – Inmarsat-F-SES ** Fleet 77 TT-3084A SAM TT-3084A NAVICOM F77 Tracphone F77	08212006/AA/00 08212006/AA/00 08212006/AA/00 08212006/AA/00	2013-12-03 2013-12-03 2013-12-03 2013-12-03



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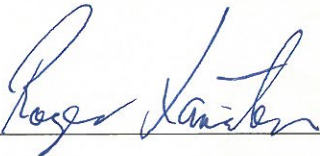
The manufacturer complies with the Council Directive 96/98/EC on Marine Equipment and is allowed to affix the Mark of Conformity followed by the DNV identification number 0575 and the two last digits of the number of the year in which the product is produced.

Example:  0575/12

The manufacturer shall issue a Declaration of Conformity for each product with reference to the EC Type-Examination Certificate and this QS – Certificate of Assessment – EC.

Place and date: Høvik, 2012-07-25

For **DET NORSKE VERITAS AS**



Surveyor

Roger Lauritsen

