DNV·GL

Certificate No:
MEDD000002Z

QS - CERTIFICATE OF ASSESSMENT - EC

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Quality System for the Radiocommunication equipment

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

Issued to

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 DNV GL AS in order to examine whether this Certificate remains valid. Annual periodical audits will be held to verify the validity of the Certificate.

Høvik, 2015-12-15
for **DNV GL AS**

This Certificate is valid until
2020-12-14

Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Copenhagen

Steinar Kristensen
Surveyor

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Job Id: **344.1-000247-18**
Certificate No: **MEDD000002Z**

APPENDIX, REV. NO. 0

QS - Certificate of Assessment – EC, Certificate no. MEDD000002Z

Type designation	EC Type-Examination Certificate No.	Expiry date
A.1/5.1; A.1/5.2 - VHF radio telephone with DSC		
SAILOR 6222 VHF DSC Class A	MED-B-15461	2020-11-11
A.1/5.3- Navtex receiver		
SAILOR 6390	BABT-MED000058	2018-11-10
SAILOR 6391	BABT-MED000058	2018-11-10
A.1/5.13 - Inmarsat-C SES		
SAILOR 6110 GMDSS system	MED-B-15401	2020-11-09
6110 GMDSS System	MED-B-15401	2020-11-09
TT-3000E mini-C GMDSS System	11212001/AA/03	2016-01-20
A.1/5.14; A1/5.15 - MF/ HF radio installation capable of transmitting and receiving DSC, NBDP and radiotelephony	10212004/AA/06	2016-05-16
TT-6310A	10212005/AA/06	2016-05-16
TT-6320A	10212006/AA/06	2016-05-16
TT-6350A		
A.1/5.5- HF Marine Safety Information (MSI)Equipment (HF NBDP receiver) **A.1/5.10- MF radio capable of DSC and radiotelephony** **A.1/5.11- MF DSC watch-keeping receiver** **A.1/5.14- MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony** **A1/5.15- MF/HF DSC scanning watch-keeping receiver**		
Sailor MF/HF System 6000B (150W)	BABT-MED000075	2020-08-05
Sailor MF/HF System 6000B (250W)	BABT-MED000080	2020-08-05
Sailor MF/HF System 6000B (500W)	BABT-MED000081	2020-08-05
A.1/5.17 - Portable survival craft two-way VHF radiotelephone apparatus		
SAILOR 3520 VHF	MED-B-15463	2020-11-12
SAILOR 3540 VHF	MED-B-15062	2020-03-11
R5 GMDSS	12212003/AA/03	2017-05-16
A.1/5.18 – Fix mounted survival craft two-way VHF radiotelephone apparatus		
SAILOR 6249 VHF Survival Craft	MED-B-15462	2020-11-11
A.1/5.19 – Inmarsat-F-SES		
Fleet 77 TT-3084A	142120001/AA/00	2019-02-10
SAM TT-3084A	142120001/AA/00	2019-02-10
NAVICOM F77	142120001/AA/00	2019-02-10
Tracphone F77	142120001/AA/00	2019-02-10

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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 GL AS identification number 0575 and the two last digits of the number of the year in which the product is produced.

Example:  0575/15

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: **Høvik** Date: **2015-12-15**

for **DNV GL AS**

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Steinar Kristensen
Surveyor