

QS - CERTIFICATE OF ASSESSMENT (MODULE D)

Certificate No:
MERD000002Z
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

That the Quality System for the products

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

Issued to

**Thrane & Thrane A/S Trading as Cobham Satcom
Kgs. Lyngby, Denmark**

is found to comply with the applicable requirements.

The quality system has been assessed with respect to the procedure of Module D conformity assessment as referred to in the Merchant Shipping (Marine Equipment) Regulations 2016 and regulation MSN 1874 Amendment 7.

This Certificate is valid until **2025-12-15**.

Issued at **London** on **2023-08-15**

DNV local unit:
Denmark CMC



for **DNV UK Ltd.**

Approval Engineer:
Steinar Kristensen

Approved Body No.: **0097**

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Christine Mydlak-Röder
MER Service Responsible



Example for the "Mark of Conformity":
0097: number of the Approved Body responsible for quality surveillance module
(yy)yy: year in which the mark is affixed.



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

The product liability tests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.

This certificate provides the basis for the manufacturer or (if applicable) their authorised representative established within the United Kingdom in conjunction with the UK TYPE EXAMINATION (MODULE B) CERTIFICATE of the equipment listed in the scope to affix the "Mark of Conformity" ("Red Ensign Mark").

This certificate loses its validity if the manufacturer makes any changes to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



APPENDIX

Item no. UK/4.32 Universal automatic identification system (AIS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR 6280, SAILOR 6281 ²	BABT-UKMA000003 Issue 01	2023-09-05	0168

Item no. UK/5.1 VHF radio installation capable of transmitting and receiving DSC and radiotelephony

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR 7222 VHF DSC Class A ²	BABT-UKMA000077 Issue 01	2028-08-07	0168

Item no. UK/5.10 MF radio capable of transmitting and receiving DSC and radio-telephony

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR MF/HF System 6000B (150W) ²	BABT-UKMA000004 Issue 02	2025-07-28	0168
SAILOR MF/HF system 6000B (250W) ²	BABT-UKMA000005 Issue 02	2025-07-28	0168
SAILOR MF/HF system 6000B (500W) ²	BABT-UKMA000006 Issue 02	2025-07-28	0168

Item no. UK/5.11 MF DSC watch-keeping receiver

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR MF/HF System 6000B (150W) ²	BABT-UKMA000004 Issue 02	2025-07-28	0168
SAILOR MF/HF system 6000B (250W) ²	BABT-UKMA000005 Issue 02	2025-07-28	0168
SAILOR MF/HF system 6000B (500W) ²	BABT-UKMA000006 Issue 02	2025-07-28	0168

Item no. UK/5.13 Inmarsat-C SES

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR 6110 GMDSS system ²	BABT-UKMA000069 Issue 01	2028-01-11	0168

Item no. UK/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR MF/HF System 6000B (150W) ²	BABT-UKMA000004 Issue 02	2025-07-28 ^{a)}	0168
SAILOR MF/HF system 6000B (250W) ²	BABT-UKMA000005 Issue 02	2025-07-28 ^{a)}	0168
SAILOR MF/HF system 6000B (500W) ²	BABT-UKMA000006 Issue 02	2025-07-28 ^{a)}	0168

^{a)} According to MSN 1874 Amendment 7, the last date for placing on board a vessel for this product is 2025-08-15.

Item no. UK/5.15 MF/HF DSC watch-keeping receiver

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR MF/HF system 6000B (250W) ²	BABT-UKMA000005 Issue 02	2025-07-28 ^{b)}	0168
SAILOR MF/HF system 6000B (500W) ²	BABT-UKMA000006 Issue 02	2025-07-28 ^{b)}	0168
SAILOR MF/HF System 6000B (150W) ²	BABT-UKMA000004 Issue 02	2025-07-28 ^{b)}	0168

Item no. UK/5.17 Portable survival craft two-way VHF radiotelephone apparatus

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR SP3520, McMurdo R5 ²	BABT-UKMA000070 Issue 01	2027-11-13	0168

Item no. UK/5.18 Fixed survival craft two-way VHF radiotelephone apparatus

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR 6249 ²	BABT-UKMA000068 Issue 01	2027-11-22	0168

Item no. UK/5.2 VHF DSC watch-keeping receiver

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR 7222 VHF DSC Class A ²	BABT-UKMA000077 Issue 01	2028-08-07	0168

Item no. UK/5.3 NAVTEX receiver

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR 6390, SAILOR 6391 ¹	BABT-UKMA000002 Issue 01	2023-10-08	0168

Item no. UK/5.4 EGC receiver

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR 6110 GMDSS system ²	BABT-UKMA000069 Issue 01	2028-01-11	0168

^{b)} According to MSN 1874 Amendment 7, the last date for placing on board a vessel for this product is 2025-08-15.

Item no. UK/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.
SAILOR MF/HF System 6000B (150W) ²	BABT-UKMA000004 Issue 02	2025-07-28	0168
SAILOR MF/HF system 6000B (250W) ²	BABT-UKMA000005 Issue 02	2025-07-28	0168
SAILOR MF/HF system 6000B (500W) ²	BABT-UKMA000006 Issue 02	2025-07-28	0168

Places of production

1. BB Electronics (Suzhou) Co., Ltd., Unit AB, Building 18 215024 Suzhou,
2. SVI Public Company Limited, 141-142 Moo 5, Tiwanon Rd 12000 Muang, Thailand