

# QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:  
**MEDD000002Z**  
Revision No:  
**17**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

## 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, Hovedstaden, Denmark

is found to comply with the applicable requirements.

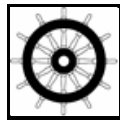
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2021/1158.

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

Issued at **Høvik** on **2022-01-03**

DNV local station:  
**Denmark CMC**

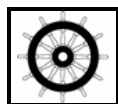
Approval Engineer:  
**Steinar Kristensen**



for **DNV AS**

Notified Body  
No.: **0575**

**Sverre Olav Bergli**  
Head of Notified Body



0575/yyyy

0575: Notified Body number undertaking quality surveillance  
yyyy: The year in which the mark is affixed



The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.  
This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.  
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This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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. MED/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.	USCG approval number
SAILOR 7222 VHF DSC Class A <sup>2</sup>	MED-B-21521 Rev. 00	2026-12-26	0470	N/A

### Item no. MED/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.	USCG approval number
SAILOR MF/HF System 6000B (150W) <sup>1</sup>	DK-MED000075 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (250W) <sup>1</sup>	DK-MED000080 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (500W) <sup>1</sup>	DK-MED000081 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A

### Item no. MED/5.11 MF DSC watch-keeping receiver

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAILOR MF/HF System 6000B (150W) <sup>1</sup>	DK-MED000075 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (250W) <sup>1</sup>	DK-MED000080 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (500W) <sup>1</sup>	DK-MED000081 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A

### Item no. MED/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.	USCG approval number
SAILOR MF/HF System 6000B (150W) <sup>1</sup>	DK-MED000075 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (250W) <sup>1</sup>	DK-MED000080 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (500W) <sup>1</sup>	DK-MED000081 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A

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

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAILOR MF/HF System 6000B (150W) <sup>1</sup>	DK-MED000075 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (250W) <sup>1</sup>	DK-MED000080 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (500W) <sup>1</sup>	DK-MED000081 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A

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

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAILOR SP3520 VHF GMDSS <sup>1</sup>	MED-B-18041 Rev. 03	2023-12-11	0470	N/A
SAILOR SP3540 VHF GMDSS <sup>1</sup>	MED-B-18042 Rev. 03	2023-12-11	0470	N/A
McMurdo R5 GMDSS <sup>1</sup>	182120013/AA/01	2023-10-22	0560	N/A

<sup>a)</sup> According to Commission Implementing Regulation (EU) 2021/1158, the last date for placing on board a vessel for this product is 2023-08-12.

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

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAILOR 6249 VHF survival craft <sup>1</sup>	MED-B-18043 Rev. 02	2023-12-06	0470	N/A

**Item no. MED/5.2 VHF DSC watch-keeping receiver**

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAILOR 7222 VHF DSC Class A <sup>2</sup>	MED-B-21521 Rev. 00	2026-12-26	0470	N/A

**Item no. MED/5.20 Fire-fighter's two-way radiotelephone apparatus**

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAILOR 3965 UHF Fire Fighter Radio, McMurdo R8F Fire Fighter Radio <sup>1</sup>	MED-B-20021 rev 01	2025-01-19	0470	N/A

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

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAILOR MF/HF System 6000B (150W) <sup>1</sup>	DK-MED000075 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (250W) <sup>1</sup>	DK-MED000080 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A
SAILOR MF/HF System 6000B (500W) <sup>1</sup>	DK-MED000081 Issue 09	2025-07-28 <sup>a)</sup>	2443	N/A

**Places of production**

- 1.SVI Public Company Limited, 141-142 Moo 5, Tiwanon Rd, Bangkadi, Muang, Thailand
- 2.BB Electronics (Suzhou) Co., Ltd., Unit AB, Building 18, Suchun Industrial Square, 428,Xinglong Street, Suzhou Industrial Park, Suzhou, China

<sup>a)</sup> According to Commission Implementing Regulation (EU) 2021/1158, the last date for placing on board a vessel for this product is 2023-08-12.