

Annex to Marine Equipment Directive Module D Quality System Certificate



Danmark

1 Details of the Productions Facilities (Fabricators)

Name: Northrop Grumman Sperry Marine B.V.
Address: 118 Burlington Road
 New Malden
 Surrey
 KT3 4NR
 United Kingdom

1.1 Product Sectors Covered:

- Navigation Equipment

2 Module B Type Examination Certificate Information

Item No. MED/4.30 Electronic Chart Display and Information System (ECDIS) Equipment

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
VisionMaster FT, ECDIS	(EU)2019/1397	DK-MED001126	2024-04-24	2443
	USCG	165.123/EC2443/DK-MED001126 (ECDIS) 165.124/EC2443/DK-MED001126 (ECDIS Backup)		
VisionMaster FT ECDIS-E	(EU)2019/1397	DK-MED000051	2023-11-12	2443
	USCG	165.123/EC2443/DK-MED000051 (ECDIS) 165.124/EC2443/DK-MED000051 (ECDIS Backup)		
VisionMaster Net ECDIS	(EU)2019/1397	DK-MED000132	2025-03-22	2443
	USCG	165.123/EC2443/DK-MED000132 (ECDIS) 165.124/EC2443/DK-MED000132 (ECDIS Backup)		

Item No. MED/4.33 Track Control System

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
VisionMaster FT, ECDIS with Track Control	(EU)2019/1397	DK-MED001127	2024-04-24	2443
	USCG	165.112/EC2443/DK-MED001127		
VisionMaster Net, ECDIS with Track Control	(EU)2019/1397	DK-MED000133	2025-03-22	2443
	USCG	165.112/EC2443/DK-MED000133		

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Item No. MED/4.34 Category 1 RADAR Equipment

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
VisionMaster FT, CAT1 34, Client-Server	(EU)2019/1397	DK-MED001124	2024-04-24	2443
	USCG	165.115/EC2443/DK-MED001124		
VisionMaster FT, CAT1 34 VisionMaster FT Dual Channel, CAT1 34	(EU)2019/1397	DK-MED001128	2024-04-24	2443
	USCG	165.115/EC2443/DK-MED001128		
VisionMaster Net CAT1	(EU)2019/1397	DK-MED000131	2025-03-22	2443
	USCG	165.115/EC2443/DK-MED000131		

Item No. MED/4.35 Category 2 RADAR Equipment

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
VisionMaster FT, ECAT2 25, Client-Server	(EU)2019/1397	DK-MED001125	2024-04-24	2443
	USCG	165.116/EC2443/DK-MED001125		
VisionMaster FT, CAT2 25 VisionMaster FT, ECAT2 25 VisionMaster FT Dual Channel, ECAT2 25	(EU)2019/1397	DK-MED001129	2024-04-24	2443
	USCG	165.116/EC2443/DK-MED001129		

Item No. MED/4.37 RADAR Equipment for high speed craft applications

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
VisionMaster FT, CAT1H 34, Client-Server	(EU)2019/1397	DK-MED001124	2024-04-24	2443
	USCG	165.216/EC2443/DK-MED001124		
VisionMaster FT, ECAT2H 25, Client-Server	(EU)2019/1397	DK-MED001125	2024-04-24	2443
	USCG	165.217/EC2443/DK-MED001125		
VisionMaster FT, CAT1H 34 VisionMaster FT Dual Channel, CAT1H 34	(EU)2019/1397	DK-MED001128	2024-04-24	2443
	USCG	165.216/EC2443/DK-MED001128		
VisionMaster FT, CAT2H 25 VisionMaster FT, ECAT2H 25 VisionMaster FT Dual Channel, ECAT2H 25	(EU)2019/1397	DK-MED001129	2024-04-24	2443
	USCG	165.217/EC2443/DK-MED001129		

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Item No. MED/4.38 RADAR Equipment approved with a chart option

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
Item No MED/4.38(a) CAT1C and MED/4.38(c) CAT1HC				
VisionMaster FT, CAT1C 34, Client-Server VisionMaster FT, CAT1HC 34, Client-Server	(EU)2019/1397	DK-MED001124	2024-04-24	2443
VisionMaster FT, CAT1C 34 VisionMaster FT Dual Channel, CAT1C 34 VisionMaster FT, CAT1HC 34 VisionMaster FT Dual Channel, CAT1HC 34	(EU)2019/1397	DK-MED001128	2024-04-24	2443
VisionMaster Net CAT1C	(EU)2019/1397	DK-MED000131	2025-03-22	2443
Item No MED/4.38(b) CAT2C and MED/4.38(d) CAT2HC				
VisionMaster FT, ECAT2C 25, Client-Server VisionMaster FT, ECAT2HC 25, Client-Server	(EU)2019/1397	DK-MED001125	2024-04-24	2443
VisionMaster FT, ECAT2C 25 VisionMaster FT Dual Channel, ECAT2C 25 VisionMaster FT, ECAT2HC 25 VisionMaster FT Dual Channel, ECAT2HC 25	(EU)2019/1397	DK-MED001129	2024-04-24	2443

3 U.S. Coast Guard Number

If applicable, this manufacturer can affix the U.S. Coast Guard approval number as allowed by the “Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment”, Decision No. 1/2018 signed February 18th, 2019.

4 Conditions of Validity

The reference to Module B certificates relate to the issue of certificate valid at the time of issue. Any later issue(s) are also valid within the validity dates of this Module D certificate.

This certificate authorises the manufacturer (or his authorised representative established within the EU community) to affix the “Mark of Conformity” (Wheel Mark), in conjunction with an EC Type Examination (Module B) certificate appropriate, to one of the item designation types listed above.

This certificate loses its validity if the manufacturer makes any changes or modifications to the approved quality system which have not been notified to and agreed with TÜV SÜD DANMARK ApS.

The manufacturer must immediately cease affixing the “Mark of Conformity” on any product subject to suspension, termination, expiry, withdrawal or revocation of the supporting EC Type Examination (Module B) Certificate.

Signature: <u>T. J. Twynam</u>	Date: <u>2020-03-23</u>
Print Name: <u>Tom Twynam</u>	
On behalf of TÜV SÜD Danmark ApS	