

Marine Equipment Directive Declaration of Conformity

Manufacturer: Northrop Grumman Sperry Marine B.V.
Haringbuisweg 33
3133 KP Vlaardingen
THE NETHERLANDS

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Declaration:

The equipment listed below is in conformity with the relevant community harmonisation legislation described in the Marine Equipment Directive (MED) 2014/90/EU of the European Parliament and of the Council and Commission Implementing Regulation (IR) (EU) 2023/1667, for the types of equipment identified in sections 1 to 5.

Standards Applied:

Standards applied are provided on the Module B type examination certificates listed in sections 1 to 5. In respect of IHO standards, equipment in section 5 conforms to:

- IHO S-52 'Specifications for Chart Content and Display Aspects of ECDIS' Edition 6.1.(1)
- IHO S-52 Annex A 'IHO ECDIS Presentation Library' Edition 4.0.(3)
- IHO S-57 'IHO Transfer Standard for Digital Hydrographic Data' Edition 3.1
- IHO S-63 'IHO Data Protection Scheme' Edition 1.2.(1)
- IHO S-64 'Instruction Manual for the use of IHO Test Data Sets in ECDIS' Edition 3.0.(3)

Certification:

Module B Type Examination has been carried out by TÜV SÜD Danmark, Notified Body No 2443, as shown on Certificates listed in sections 1 to 5.

Module D Conformity to Type based on quality assurance of the production process has been confirmed by TÜV SÜD Danmark, Notified Body No 2443, as shown on the EC Certificate of Conformity DK-MED005726-H1 Issue 05.

Module D certificate date of expiry: 31 December 2024.

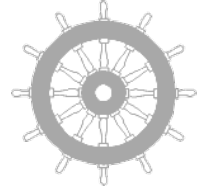
Equipment list:

See information on the Module B type examination certificates listed in sections 1 to 5.
Equipment software version 15.3.1.

Section 1. - MED Module B certificate number: DK-MED001124 Issue 06

Date of Expiry: 24 April 2024

Equipment in the declaration	MED IR item number and item designation
VisionMaster FT CAT1 34, Client/Server Radar Systems	MED/4.34 for CAT1 Radar equipment
VisionMaster FT CAT1H 34, Client/Server Radar Systems	MED/4.37 for CAT1H Radar equipment for high speed craft applications
VisionMaster FT CAT1C 34, Client/Server Chart Radar Systems	MED/4.38(a) for CAT1C Radar equipment approved with a chart option
VisionMaster FT CAT1HC 34, Client/Server Chart Radar Systems	MED/4.38(c) for CAT1HC Radar equipment for high speed craft applications approved with a chart option.



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Section 2. - MED Module B certificate number: DK-MED001128 Issue 06

Date of Expiry: 24 April 2024

Equipment in the declaration	MED IR item number and item designation
VisionMaster FT CAT1 34, Radar Systems VisionMaster FT Dual Channel, CAT1 34, Radar Systems	MED/4.34 for CAT1 Radar equipment
VisionMaster FT CAT1H 34, Radar Systems VisionMaster FT Dual Channel, CAT1H 34, Radar Systems	MED/4.37 for CAT1H Radar equipment for high speed craft applications
VisionMaster FT CAT1C 34, Chart Radar Systems VisionMaster FT Dual Channel, CAT1C 34, Chart Radar Systems	MED/4.38(a) for CAT1C Radar equipment approved with a chart option
VisionMaster FT CAT1HC 34, Chart Radar Systems VisionMaster FT Dual Channel, CAT1HC 34, Chart Radar Systems	MED/4.38(c) for CAT1HC Radar equipment for high speed craft applications approved with a chart option.

Section 3. - MED Module B certificate number: DK-MED001125 Issue 06

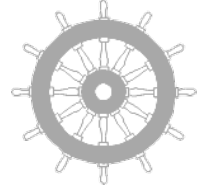
Date of Expiry: 24 April 2024

Equipment in the declaration	MED IR item number and item designation
VisionMaster FT ECAT2 25, Client/Server Radar Systems	MED/4.35 for CAT2 Radar equipment
VisionMaster FT ECAT2H 25, Client/Server Radar Systems	MED/4.37 for CAT2H Radar equipment for high speed craft applications
VisionMaster FT ECAT2C 25, Client/Server Chart Radar Systems	MED/4.38(b) for CAT2C Radar equipment approved with a chart option
VisionMaster FT ECAT2HC 25, Client/Server Chart Radar Systems	MED 4.38(d) for CAT2HC Radar equipment for high speed craft applications approved with a chart option

Section 4. - MED Module B certificate number: DK-MED001129 Issue 06

Date of Expiry: 24 April 2024

Equipment in the declaration	MED IR item number and item designation
VisionMaster FT CAT2 25, Radar System VisionMaster FT ECAT2 25, Radar System VisionMaster FT Dual Channel, ECAT2 25, Radar System	MED/4.35 for CAT2 Radar equipment
VisionMaster FT CAT2H 25, Radar System VisionMaster FT ECAT2H 25, Radar System VisionMaster FT Dual Channel, ECAT2H 25, Radar System	MED/4.37 for CAT2H Radar equipment for high speed craft applications
VisionMaster FT ECAT2C 25, Chart Radar System VisionMaster FT Dual Channel, ECAT2C 25, Chart Radar System	MED/4.38(b) for CAT2C Radar equipment approved with a chart option
VisionMaster FT ECAT2HC 25, Chart Radar System VisionMaster FT Dual Channel, ECAT2HC 25, Chart Radar System	MED/4.38(d) for CAT2HC Radar equipment for high speed craft applications approved with a chart option



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Section 5. - MED Module B certificate number: DK-MED001126 Issue 06

Date of Expiry: 24 April 2024

Equipment in the declaration	MED IR item number and item designation
VisionMaster FT, ECDIS	MED/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS).

Mark Steel, Head of Engineering

01 December 2023

Date of Issue