



**UK Merchant Shipping (Marine Equipment) Regulations
Declaration of Conformity**

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

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

Declaration:

The equipment listed below is in conformity with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, under Annex 1 of MSN 1874, as amended, for the types of equipment identified in sections 1 to 6.

Standards Applied:

Standards applied are provided on the Module B type examination certificates listed in sections 1 to 6. In respect of IHO standards, equipment in sections 5 and 6 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 TUV SUD BABT, UK Approved Body No. 0168, as shown on Certificates listed in sections 1 to 6.

Module D Conformity to Type based on quality assurance of the production process has been confirmed by TUV SUD BABT, UK Approved Body No. 0168, as shown on the UKCA Marine Certificate of Conformity BABT-UKMA005726-H1 Issue 03.
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 6.
Equipment software version 15.3.1.

Section 1. - UKCA Module B certificate number: UKMA000008 Issue 03

Date of Expiry: 24 April 2024

Equipment in the declaration	MSN 1874 (M+F) Item number and item designation
VisionMaster FT CAT1 34, Client/Server Radar Systems	UK/4.34 for CAT1 Radar equipment
VisionMaster FT CAT1H 34, Client/Server Radar Systems	UK/4.37 for CAT1H Radar equipment for high speed craft applications
VisionMaster FT CAT1C 34, Client/Server Chart Radar Systems	UK/4.38(a) for CAT1C Radar equipment approved with a chart option
VisionMaster FT CAT1HC 34, Client/Server Chart Radar Systems	UK/4.38(c) for CAT1HC Radar equipment for high speed craft applications approved with a chart option.



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Section 2. - UKCA Module B certificate number: UKMA000012 Issue 03

Date of Expiry: 24 April 2024

Equipment in the declaration	MSN 1874 (M+F) Item number and item designation
VisionMaster FT CAT1 34, Radar Systems VisionMaster FT Dual Channel, CAT1 34, Radar Systems	UK/4.34 for CAT1 Radar equipment
VisionMaster FT CAT1H 34, Radar Systems VisionMaster FT Dual Channel, CAT1H 34, Radar Systems	UK/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	UK/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	UK/4.38(c) for CAT1HC Radar equipment for high speed craft applications approved with a chart option.

Section 3. - UKCA Module B certificate number: UKMA000009 Issue 03

Date of Expiry: 24 April 2024

Equipment in the declaration	MSN 1874 (M+F) Item number and item designation
VisionMaster FT ECAT2 25, Client/Server Radar Systems	UK/4.35 for CAT2 Radar equipment
VisionMaster FT ECAT2H 25, Client/Server Radar Systems	UK/4.37 for CAT2H Radar equipment for high speed craft applications
VisionMaster FT ECAT2C 25, Client/Server Chart Radar Systems	UK/4.38(b) for CAT2C Radar equipment approved with a chart option
VisionMaster FT ECAT2HC 25, Client/Server Chart Radar Systems	UK/4.38(d) for CAT2HC Radar equipment for high speed craft applications approved with a chart option

Section 4. - UKCA Module B certificate number: UKMA000013 Issue 03

Date of Expiry: 24 April 2024

Equipment in the declaration	MSN 1874 (M+F) 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	UK/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	UK/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	UK/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	UK/4.38(d) for CAT2HC Radar equipment for high speed craft applications approved with a chart option



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Section 5. - UKCA Module B certificate number: UKMA000010 Issue 03


Date of Expiry: 24 April 2024

Equipment in the declaration	MSN 1874 (M+F) Item number and item designation
VisionMaster FT, ECDIS	UK/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS).

Section 6. - UKCA Module B certificate number: UKMA000007 Issue 03

Date of Expiry: 12 November 2023

Equipment in the declaration	MSN 1874 (M+F) Item number and item designation
VisionMaster FT, ECDIS-E	UK/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS).

 Mark Steel, Head of Engineering	23 rd October 2023 Date of Issue
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