

## Marine Equipment Directive 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.

**Equipment in the declaration:**

VisionMaster FT ECDIS fitted with Software version 10.0.1 comprising of the equipment listed overleaf.

**Declaration:**

The equipment listed below is in conformity with the relevant community harmonisation legislation described in the Marine Equipment Directive 2014/90/EU of the European Parliament and of the Council and Commission Implementing Regulation (EU) 2018/773.

**Implementing Regulation Item number and item designation:**

MED/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS).

**Standards Applied:**

**IMO Performance Standards and Resolutions**

MSC.191(79), MSC.232(82), MSC.302(87) and A694(17)

**IEC Test Standards**

IEC 61174:2015	Electronic Chart Display and Information System
IEC 60945:2002 including Corrigendum 1 (2008)	General Requirements for Marine Navigation Equipment
IEC 62288 Ed 2:2014	Presentation of Navigation Related Information on Shipborne Navigation Displays
IEC 61162-1 Ed 4:2010	Digital Interfaces
IEC 61162-2 Ed 1:1998	Digital Interfaces
IEC 61162-450:2011	Digital Interfaces (for ECDIS image transfer to a Voyage Data Recorder)

**IHO Standards**

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(.2)  
IHO S-63 'IHO Data Protection Scheme' Edition 1.2.0  
IHO S-64 'Instruction Manual for the use of IHO Test Data Sets in ECDIS' Edition 3.0.2

Module B Type Examination has been carried out by Lloyd's Register Verification, Notified Body No 0038, as shown on Certificate No MED1400004/M4.

**Note:** Written details of the modifications from previously approved software version 10.0.0 to version 10.0.1 have been submitted to and accepted by the Notified Body.

Module D Conformity to Type based on quality assurance of the production process has been confirmed by Lloyd's Register Verification, Notified Body No 0038, as shown on the EC Certificate of Conformity MED1500031/M2.

**Equipment List:**

VisionMaster FT ECDIS

Type Number	Description
65901AN or 65901AP	Processor – ECDIS
65901AC	Processor – ECDIS Client
65901AE, 65901AF, 65901AT or 65901AU	Processor (with Radar Overlay)
RA00009746, RA00004325 or RA00014423	Network switch
65900AA or 65900AB	VMFT PCIO Interface Unit
65940AA	Auxiliary PCIO (Dual)
65903KF, 65903KG or 65903KH	Control Panel (Kit Form)
65903AF, 65903AG or 65903AH	Control Panel (Deck Console)
65900685	Mains Distribution Unit
65823A or 65923C	23" LCD Monitor
65926L, 65926H or 65926P	25.5" LCD Monitor
65817G	19" LCD Monitor
65920BTAF, BTAG, BTBF or BTBG	Integrated 19" Displays (with Radar Overlay)
65920BNAF, BNAG, BNBF or BNBG	Integrated 19" Displays
4802181	Network Serial Interface
32SDR003 or 32SDT003	ECDIS Security Device
32SDR004 or 32SDT004	ECDIS with Radar Overlay Security Device
32SDR005 or 32SDT005	Multi-node Security Device
32SDR006 or 32SDT006	Total Watch Security Device
4801162	Serial Interface
1982776	Analogue Interface
4303153	Course Mode joystick



Pete Cullinane, Engineering Director

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