

# *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.

**Equipment in the declaration:**

VisionMaster FT ECDIS fitted with Software version 12.2.1 comprising 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)2019/1397.

**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 5:2016	Digital Interfaces
IEC 61162-2 Ed 1:1998	Digital Interfaces
IEC 61162-450:2011 with Am1 (2016)	Digital Interfaces (for RADAR 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 TÜV SÜD Danmark, Notified Body No 2443, as shown on Certificate No DK-MED001126 Issue 02.

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 02.

**Equipment List:**

VisionMaster FT ECDIS

**Type Number**

65901AN or 65901AP  
 65901AC  
 65901AE, 65901AF, 65901AT or 65901AU  
 RA00009746, RA00004325 or RA00014423

**Description**

Processor – ECDIS  
 Processor – ECDIS Client  
 Processor (with Radar Overlay)  
 Network switch

65900AA or 65900AB  
 65940AA  
 65903KF, 65903KG, 65903KH, 67003KF or 67003KH  
 65903AF, 65903AG, 65903AH, 67003AF or 67003AH  
 65900685

VMFT PCIO Interface Unit  
 Auxiliary PCIO (Dual)  
 Control Panel (Kit Form)  
 Control Panel (Deck Console)  
 Mains Distribution Unit

65926AA or 65926AB  
 65823A or 65923C  
 65926L, 65926H or 65926P

25.5" Panel PC  
 23" LCD Monitor  
 25.5" LCD Monitor

65817G  
 65920BTAF, BTAG, BTBF or BTBG  
 65920BNAF, BNAG, BBNF or BNBG

19" LCD Monitor  
 Integrated 19" Displays (with Radar Overlay)  
 Integrated 19" Displays

4802181

Network Serial Interface

32SDR003 or 32SDT003  
 32SDR004 or 32SDT004  
 32SDR005 or 32SDT005  
 32SDR006 or 32SDT006

ECDIS Security Device  
 ECDIS with Radar Overlay Security Device  
 Multi-node Security Device  
 Total Watch Security Device

4801162  
 1982776

Serial Interface  
 Analogue Interface

4303153

Course Mode joystick

  
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 Nick Hollaway, Technical Director

01 July 2020

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 Date of Issue

**DoC 067C**

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 Certificate Number

