

# *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, 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) 2020/1170.

**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 A.694(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 - high-speed transmission
IEC 61162-450:2011 with Am1:2016	Digital Interfaces - Ethernet interconnection

**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

**Certification:**  
Module B Type Examination has been carried out by TÜV SÜD Danmark, Notified Body No 2443, as shown on Certificate No DK-MED001126 Issue 03.

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:**

**Type Number**

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

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

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

65817G

65920BTAF, BTAG, BTBF or BTBG  
65920CTAF, CTAG, CTBF or CTBG

65920BNAF, BNAG, BNBf or BNBG  
65920CNAF, CNAG, CNBF or CNBG

4802181

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

4801162  
1982776

4303153

**Description**

Processor – ECDIS <sup>Note 1</sup>  
Processor – ECDIS Client <sup>Note 1</sup>  
Processor (with Radar Overlay) <sup>Note 1</sup>  
Network switch

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

25.5" Panel PC <sup>Note 1</sup>  
23" LCD Monitor  
25.5" LCD Monitor

19" LCD Monitor

Integrated 19" Displays (with Radar Overlay) <sup>Note 1</sup>

Integrated 19" Displays <sup>Note 1</sup>

Network Serial Interface

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

Serial Interface  
Analogue Interface

Heading Mode Joystick

Note 1: Fitted with software version 12.4.0

  
.....  
Nick Hollaway, Technical Director

23 October 2020

.....  
Date of Issue

**DoC 071C**

.....  
Certificate Number

