

## 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 Net 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) 2021/1158.

**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-MED000132 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:**

**Type Number**

67026AA or 67026AB  
RA00009746  
65900AA or 65900AB  
67003KF or 67003KH  
67003AF or 67003AH  
65900685

4802181

32SDT003  
32SDT004  
32SDT005  
32SDT006

4801162  
1982776

**Description**

25.5" Panel PC <sup>Note 1</sup>

Network switch  
VMFT PCIO Interface Unit  
Control Panel (Kit Form)  
Control Panel (Deck Console)  
Mains Distribution Unit

Network Serial Interface

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

Serial Interface  
Analogue Interface

Note 1: Fitted with software version 1.1.0



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Mark Steel, Head of Engineering

26<sup>th</sup> August 2021

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Date of Issue

**DoC 073C**

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Certificate Number

