

## 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 CAT1 Radars, 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/4.34 for CAT1 Radar equipment  
MED/4.38(a) for CAT1C Radar equipment approved with a chart option

**Standards Applied:**  
**IMO Performance Standards and Resolutions**  
A.278(VIII), A.694(17), MSC.191(79), MSC.192(79), MSC.302(87), MSC.1/Circ.1349 and ITU-R M.1177-4 (04/11)

**IEC Test Standards**

IEC 62388 Ed 2:2013	Marine Shipborne Radar Equipment
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

**Certification:**  
Module B Type Examination has been carried out by TÜV SÜD Danmark, Notified Body No 2443, as shown on Certificate No DK-MED000131 Issue 01.

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  
67003KH  
67003AH  
65900685

67010WAR  
67025WAR  
67030MER, 67030MFR, 67030MGR or 67030MHR

65837AB, 65837AC, 65837AE or 65837AH

65604A  
65606A  
65608A  
65612A

4802181

32SDT001  
32SDT002  
32SDT005  
32SDT006

**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

Transceiver/Turning Unit (10kW)  
Transceiver/Turning Unit (25kW)  
Transceiver/Turning Unit (30kW)

Scanner Control Unit

X-Band Antenna 4ft  
X-Band Antenna 6ft  
X-Band Antenna 8ft  
S-Band Antenna 12ft

Network Serial Interface

CAT1/ECAT2 Security Device  
CAT1/ECAT2 with Chart option Security Device  
Multi-node Security Device  
Total Watch Security Device

Note 1: Fitted with software version 1.0.1

  
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Nick Hollaway, Technical Director

14 September 2020

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Date of Issue

**DoC 070A**

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Certificate Number

