

## *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 CAT1 Radar fitted with Software version 11.1.0 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) 2018/773.

**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), A694 (17), MSC191 (79), MSC192 (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

IEC 61162-450:2011 Digital Interfaces (for RADAR image transfer to a Voyage Data Recorder)

Module B Type Examination has been carried out by Lloyd's Register Verification, Notified Body No 0038, as shown on Certificate No MED1900010/M2.

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 MED1800031/M5.

**Equipment List:**

VisionMaster FT CAT1 Radar

Type Number	Description
65901AZ	Processor – Radar Server
RA00009746	Network switch
65900AA or 65900AB	VMFT PCIO Interface Unit
67003KH	Control Panel (Kit Form)
67003AH	Control Panel (Deck Console)
65900685	Mains Distribution Unit
65926AA	Panel PC
65910⊙A◇	Transceiver/Turning Unit (10kW)
65925⊙A◇	Transceiver/Turning Unit (25kW)
65830 M*R or N*◇	Transceiver/Turning Unit (30kW)
65810 E,F,G,H, or L	Transceiver (10kW)
65825 E,F,G,H, or L	Transceiver (25kW)
65831A or B	Transceiver (30kW)
65901BAR or CA◇	Turning Unit
65830B*R or C*◇	Turning Unit
65837A♣	Scanner Control Unit
65604A	X-Band Antenna 4ft
65606A	X-Band Antenna 6ft
65608A	X-Band Antenna 8ft
65612A	S-Band Antenna 12ft
4802181	Network Serial Interface
32SDT005	Multi-node Security Device


**Option Codes:**

\* E, F, G or H

⊙ M, N, P, T or W

◇ R, T or U

♣ B, C, E, F or H

  
.....  
Nick Hollaway, Technical Director

21 JUNE 2019  
.....  
Date of Issue

DoC 060A  
.....  
Certificate Number

