

## *Marine Equipment Directive Declaration of Conformity*

**Manufacturer:** Northrop Grumman Sperry Marine B.V.  
118 Burlington Road  
New Malden  
Surrey, KT3 4NR  
United Kingdom

**Declaration:**

It is hereby certified that the Equipment listed conforms to the Council Directive for Marine Equipment 2014/90/EU of the European Parliament and of the Council.

This declaration of conformity only covers CAT2 Radars, other declarations cover CAT1 Radars (DOC 50A) and ECDIS & Track Control (DOC 50C).

**MED Approval categories are listed below:**

- A.1/4.35 for CAT2 Radar equipment
- A.1/4.37 for CAT2H Radar equipment for high speed craft applications
- A.1/4.38(b) for CAT2C Radar equipment approved with a chart option
- A.1/4.38(d) for CAT2HC for HSC Radar equipment approved with a chart option.

**Module B** Type Examination has been carried out by Notified Body No 0038 as shown on Certificate No MED1400007/M3.

**Module D** Surveillance has been carried out by Notified Body No 0038 as shown on the EC Certificate of Conformity MED1500031/M1.

**Standards Applied:**

IMO Performance Standards and Resolutions  
MSC191 (79), MSC192 (79) and A694 (17)

**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 4:2010	Digital Interfaces
IEC 61162-2 Ed 1:1998	Digital Interfaces
IEC 61162-450:2011	Digital Interfaces

**Equipment:**

VisionMaster FT CAT2 Radars and CAT2 HSC Radars

Type Number	Description
65901AE	Processor – Dual Radar/Chart Radar
65901AT or 65901AU	Processor – Radar/Chart Radar
RA00009746	Network switch
65900AA or 65900AB	VMFT PCIO Interface Unit
65940AA	Auxiliary PCIO
65903KF or 65903KG	Control Panel (Kit Form)
65817G	CAT2 19" LCD Monitor
65920BTAF, BTAG, BTBF or BTBG	Integrated 19" Displays
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
65842A	2 Way Interswitch Unit
65846A	6 Way Interswitch Unit
65849A	Slave Junction Box
4802181	Network Serial Interface
32SDR001	CAT1 Security Device
32SDR002	CAT1 with Chart option Security Device
32SDR005	Multi-node Security Device
32SDR006	Total Watch Security Device
32SDR008	CAT2 Security Device

**Option Codes:**

\* E, F, G, H, J, K, L, M, P, Q, R or S

⊙ M, N, P, T or W

◇ R, T or U

♣ B, C, E, F or H



Nick Hollaway  
Technology and Business Operations  
Director

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