

Marine Equipment Directive Declaration of Conformity

Manufacturer: Northrop Grumman Sperry Marine B.V.
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Surrey, KT3 4NR
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Declaration:

It is hereby certified that the equipment listed below is in compliance with the equipment requirements of the Marine Equipment Directive 2014/90/EU of the European Parliament and of the Council and Commission Implementing Regulation (EU) 2017/306.

This declaration of conformity only covers CAT2 Radars, other declarations cover CAT1 Radars (DOC 52A) and ECDIS (DOC 52C).

Implementing Regulation Item number and item designation:

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

Equipment:

VisionMaster FT CAT2 Radars and CAT2 HSC Radars fitted with Software version 10.0.0

Module B Type Examination has been carried out by Notified Body No 0038 as shown on Certificate No MED 1400003/M3 and MED1400007/M4

Module D Surveillance has been carried out by Notified Body No 0038 as shown on the EC Certificate of Conformity MED1500031/M2.

Standards Applied:

IMO Performance Standards and Resolutions
A278(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 4:2010	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)


Equipment List:

VisionMaster FT CAT2 Radars and CAT2 HSC Radars

Type Number	Description
65901AE	Processor – Dual Radar/Chart Radar
65901AT or 65901AU	Processor – Radar/Chart Radar
65901AC	Processor – Radar Client
65901AS	Processor – Radar Server
RA00009746	Network switch
65900AA or 65900AB	VMFT PCIO Interface Unit
65940AA	Auxiliary PCIO
65903KF or 65903KG or 65903KH	Control Panel (Kit Form)
65900685	Mains Distribution Unit
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



 Pete Cullinane, Head of Engineering

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 Certificate Number

