

Sperry Marine

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 ECDIS & Track Control, other declarations cover CAT1 Radars (DOC 50A) and CAT2 Radars (DOC 50B).

MED Approval categories are listed below:

A.1/4.30 for Electronic Chart Display and Information System (ECDIS) with backup and raster chart display system.

A.1/4.33 for Track Control System

Module B Type Examination has been carried out by Notified Body No 0038 as shown on Certificates No MED1400004/M3 and MED1400005/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), MSC232 (82) MSC74 (69) and A694 (17)

IEC Test Standards:

IEC 61174:2008	ELECTRONIC Chart Display and Information System
IEC 62065:2014	Track Control systems
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

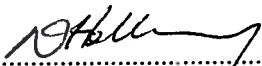
IHO Standards:

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(.1)
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 3.0.1

Equipment:

VisionMaster FT ECDIS and ECDIS with Track Control

Type Number	Description
65901AN or 65901AP	Processor – ECDIS
65901AE, 65901AT or 65901AU	Processor (with Radar Overlay)
RA00009746, RA00004325 or RA00014423	Network switch
65900AA or 65900AB	VMFT PCIO Interface Unit
65940AA	Auxiliary PCIO (Dual)
65903KF or 65903KG	Control Panel (Kit Form)
65903AF or 65903AG	Control Panel (Deck Console)
65823A or 65923C	23" LCD Monitor
65926L or 65926H	25.5" LCD Monitor
65817G	19" LCD Monitor
65920BTAF, BTAG, BTBF or BTBG	Integrated 19" Displays (with Radar Overlay)
65920BNAF, BNAG, BNBF or BNBG	Integrated 19" Displays
4802181	Network Serial Interface
32SDR003	ECDIS Security Device
32SDR004	ECDIS with Radar Overlay Security Device
32SDR005	Multi-node Security Device
32SDR006	Total Watch Security Device
4960	Navipilot 4000+ Control and Display Unit
4961	Navipilot 4000+ Steering Control Unit
4801162	Serial Interface
1982776	Analogue Interface
4303153	Course Mode joystick



Nick Hollaway

Technology and Business Operations
Director

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