

## Marine Equipment Directive Declaration of Conformity

**Manufacturer:** Northrop Grumman Sperry Marine B.V.  
118 Burlington Road  
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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.

**Implementing Regulation Item number and item designation:**

MED/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS).

**Equipment:**

VisionMaster FT ECDIS-E fitted with Software version 10.0.0

**Module B** Type Examination has been carried out by Notified Body No 0168 as shown on Certificate No BAPT-MED000051 Issue: 06.

**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:  
MSC.191(79), MSC.232(82), MSC.302(87) and A694(17)

IEC Test Standards:

IEC 61174:2015	Electronic Chart Display and Information System
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 ECDIS image transfer to a Voyage Data Recorder)

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(.2)  
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 3.0.2

**Equipment List:**

VisionMaster FT ECDIS-E

**Type Number**

65934AA  
65934600  
32SDR011  
65934615

**Description**

Processor with Display  
Trackerball Interface Unit  
ECDIS-E Security Device  
Serial Port Expander



Pete Cullinane, Head of Engineering

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