

Marine Equipment Directive EC Declaration of Conformity

Manufacturer: Northrop Grumman Sperry Marine B.V.
Woltmanstrasse 19
D-20097 Hamburg, Germany

ABS Quality Evaluations ISO 9001:2015 Certificate No: 32652

Declaration: We hereby declare that the following specified equipment complies with the Marine Equipment Directive 2014/90/EU.

This equipment has been tested to verify compliance with the Regulations and Testing Standards according to implementing regulation (EU) 2020/1170

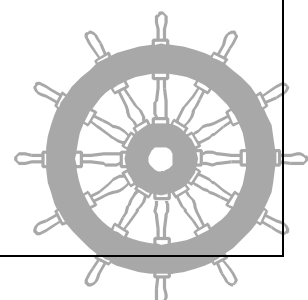
— SOLAS 74 Reg. V/18 (MED/4.3), — SOLAS 74 Reg. X/3 (MED/4.31), — IMO Res.MSC.36(63)-(1994 HSC Code) 13 (MED/4.31), — IMO Res.MSC.97(73)-(2000 HSC Code) 13 (MED/4.31).	— ISO 8728:2014 (MED/4.3), — ISO 16328:2014 (MED/4.31), — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, — IEC 61162-1:2016, — IEC 61162-2 ed1.0:1998-09, — IEC 62288 Ed. 2.0:2014-07, — IEC 62923-1:2018, — IEC 62923-2:2018.
— SOLAS 74 Reg. V/19 (MED/4.3), — IMO Res.A.424(XI) (MED/4.3), — IMO Res.A.821(19) (MED/4.31), — IMO Res.MSC.36(63)-(1994 HSC Code) 13 (MED/4.31), — IMO Res.MSC.97(73)-(2000 HSC Code) 13 (MED/4.31), — IMO Res.A.694(17), — IMO Res.MSC.191(79), — IMO Res.MSC.302(87), — IMO MSC.1/Circ.1379 (MED/4.31).	

as per EC - Type Examination Certificate (Module B) and
QS - Certificate of Assessment - EC (Module D) issued by:

Notified Body No. 0098 DNV SE

Equipment:

Gyro compass (MED/4.3) CompassNet		Gyro compass for high speed craft (MED/4.31) CompassNet HSC	
Type No.	Designation	(1) EC TYPE EXAMINATION (B)	Cert. No.:
5026	Gyrocompass System NAVIGAT 200	(2) EC QUALITY SYSTEM (D)	Cert. No.:
4911 or 5000	Gyrosphere	(1) MEDB000025J	
4991-4000	Container Mod 10/3	(2) MEDD000002J	
5026-4000	Container Mod 10/4		
5039	NAVIGAT 2500		
5021	NAVIGAT 3000		
5040	NAVIGAT 3500		
5018	Converter and Amplifier Unit		
5018-5100	Converter and Amplifier Board		
5017	Data Distribution Unit		
5017-2000	DDU Processor Module		
5019	NAVITWIN V		
5016-AA, 4881, 4881-AA,	Steering Repeater (Console Mounted)		
5016-AB, 4881-AD	Steering Repeater (Console Mounted) (Magnetic Heading)		
5016-AC, 4881-AC, 4881-AK	Repeater (Bulkhead Mounted)		
5016, 5016-BB, 4881-AB, 4881-AM	Bearing Repeater		
4622-AB, 4622-AC, 4622-AD	Bearing Repeater Stand		
1812783	Bearing Repeater Stand		
4890-AB, 4905-AB	Bearing Repeater Bracket with Terminal Box		
4884-AC, 4894-AD	Terminal box		



Gyro compass (MED/4.3) CompassNet
Gyro compass for high speed craft (MED/4.31) CompassNet HSC

Type No.	Designation	(1) EC TYPE EXAMINATION (B) Cert. No.:
4914	Gyrocompass System NAVIGAT X MK 1	(2) EC QUALITY SYSTEM (D) Cert. No.:
5026-AA	NAVIGAT 100	(1) MEDB000025J
4913	Gyrocompass System NAVIGAT 2100	(2) MEDD000002J
5023	Gyrocompass System NAVIGAT 2200	
4923	Compass Monitor NAVITWIN III	
4994	Heading Management System NAVITWIN IV	
4805	Voyage Data Printer NAVIPRINT	
4926	Gyrocompass Control Unit	
4863	Fluxgate Coil For Magnetic Compass	
DTR600	Digital Tape Repeater	
4891	Universal Digital Repeater	
4806-AC, 4806-AD, 4806-AE	Multifunction Display NAVIDATA	
4932	Switch-Over Box	
4936, 4992	Splitter Box	
55555	Optoisolator	
2568	Power Supply Unit	

The technical documentation for this equipment is retained at the above mentioned manufacturer's address.

Signed for an on behalf of the manufacturer:

S. Gassig

Sandra Gassig, Product Line Manager

Hamburg, 17.08.2021

Place and date of issue

