

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) 2018/773

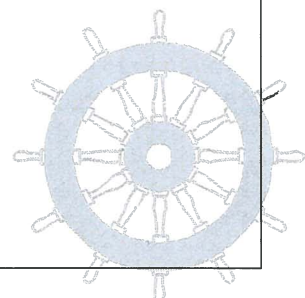
<ul style="list-style-type: none"> — SOLAS 74 Reg. V/18, — SOLAS 74 Reg. X/3, — SOLAS 74 Reg. V/19, — IMO Res.A.526(13), — IMO Res.A.694(17), — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13, — IMO Res.MSC.191(79), — IMO Res.MSC.302(87). 	<ul style="list-style-type: none"> — IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008), — IEC 61162-1 (2016), — IEC 61162-2 ed1.0 (1998-09), — ISO 20672:2007 incl Corr 1 (2008), — IEC 62288 Ed2.0 (2014-07).
--	---

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

Notified Body No. 0098 DNV GL SE

Equipment:

Rate of Turn Indicator (MED/4.9) Rate-of-turn indicator (ROTI) CompassNet		
Type No.	Designation	(1) EC TYPE EXAMINATION (B) Cert. No.:
5026	Gyrocompass System NAVIGAT 200	(2) EC QUALITY SYSTEM (D) Cert. No.: (1) MEDB000025M Rev. 2 (2) MEDD00000ZJ Rev. 6
5026-AA	NAVIGAT 100	
4911, 4911-AA, 5000, 5000-AA	Gyrosphere	
4991-4000	Gyrosphere and Container Mod 10/3	
5026-4000	Gyrosphere and Container Mod 10/4	
5021	NAVIGAT 3000	
5023	NAVIGAT 2200	
5018	Converter and Amplifier Unit	
5018-5100	Converter and Amplifier Board	
5017	Data Distribution Unit	
5017-2000	DDU Processor Module	
5019	NAVITWIN V	
60402	Rate-of-Turn Indicator (in housing with bracket) 192mm	
60372, 60421, 60379, 60380	Rate-of-Turn Indicator (console mounted) 192mm	
60368, 60393, 60369, 60370	Rate-of-Turn Indicator (console mounted) 144mm	
4884, 4894	Terminal box	
4914	Gyrocompass System NAVIGAT X MK 1	
4991	Gyrocompass NAVIGAT X MK 2	
4913	Gyrocompass System NAVIGAT 2100	
5023	Gyrocompass System NAVIGAT 2200	
5021	Gyrocompass System NAVIGAT 3000	
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	

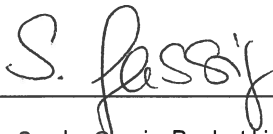


Rate of Turn Indicator (MED/4.9) Rate-of-turn indicator (ROTI) CompassNet

Type No.	Designation	(1) EC TYPE EXAMINATION (B) Cert. No.:
DTR600	Digital Tape Repeater	(2) EC QUALITY SYSTEM (D) Cert. No.:
4891	Universal Digital Repeater	
4806-AC, 4806-AD, 4806-AE	Multifunction Display NAVIDATA	
4932	Switch-Over Box	
4936, 4992	Splitter Box	
55555	Opto Isolator	
2568	Power Supply Unit	

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

Signed for and on behalf of the manufacturer:



Sandra Gassig, Product Line Manager

Hamburg, 06.11.2019

Place and date of issue

