

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) 2021/1158

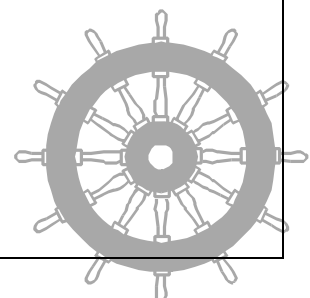
Type approval requirements — SOLAS 74 Reg. V/18 (MED/4.3, MED/4.9), — SOLAS 74 Reg. X/3 (MED/4.9, MED/4.31), — IMO Res.MSC.36(63)-(1994 HSC Code) 13 (MED/4.9, MED/4.31), — IMO Res.MSC.97(73)-(2000 HSC Code) 13 (MED/4.9, MED/4.31).	Testing standards — ISO 8728:2014 (MED/4.3), — ISO 16328:2014 (MED/4.31), — ISO 20672:2007 incl. Corr. 1:2008 (MED/4.9), — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, — IEC 61162-1:2016, — IEC 61162-2 Ed. 1.0:1998-09, — IEC 62288 Ed. 2.0:2014-07, — IEC 62923-1:2018, — IEC 62923-2:2018.
Carriage and performance requirements — SOLAS 74 Reg. V/19 (MED/4.3, MED/4.9), — IMO Res.A.424(XI) (MED/4.3), — IMO Res.A.526(13) (MED/4.9), — IMO Res.A.694(17), — IMO Res.A.821(19) (MED/4.31), — IMO Res.MSC.36(63)-(1994 HSC Code) 13 (MED/4.9, MED/4.31), — IMO Res.MSC.97(73)-(2000 HSC Code) 13 (MED/4.9, MED/4.31), — 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:

MED/4.3 Gyro compass NAVIGAT 100		(1) EC TYPE EXAMINATION (B) Cert. No.:
MED/4.31 Gyro compass for high speed craft NAVIGAT 100 HSC		
MED/4.9 Rate-of-turn indicator NAVIGAT ROTI		
Type No.	Designation	(2) EC QUALITY SYSTEM (D) Cert. No.:
5026-AA	Gyrocompass NAVIGAT 100	(1) MEDB000025J (2) MEDD000002J
4911 or 5000	Gyrosphere	
4991-4000	Container Mod 10/3	
5026-4000	Container Mod 10/4	
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)	
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	



MED/4.3 Gyro compass NAVIGAT 100
MED/4.31 Gyro compass for high speed craft NAVIGAT 100 HSC
MED/4.9 Rate-of-turn indicator NAVIGAT ROTI

Type No.	Designation	(1) EC TYPE EXAMINATION (B)	Cert. No.:
		(2) EC QUALITY SYSTEM (D)	Cert. No.:
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		
4805	Voyage Data Printer NAVIPRINT		
DTR 600	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, 08.09.2021

Place and date of issue

