

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) 2022/1157

Type approval requirements — SOLAS 74 Reg. V/18, — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC code) 13.	Testing standards — 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, — ISO 20673:2007.
Carriage and performance requirements — SOLAS 74 Reg. V/19, — 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).	

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/4.20 Rudder angle indicator			
Type No.	Designation	(1) EC TYPE EXAMINATION (B)	Cert. No.:
		(2) EC QUALITY SYSTEM (D)	Cert. No.:
60396, 60397	Three-face panorama rudder angle indicator	(1) MEDB00002UG (2) MEDD00000ZJ	
60332, 60357, 60359, 30362	Rudder angle indicator in housing with bracket, 192x192 mm		
60325, 60326, 60327, 60328	Rudder angle indicator in housing with bracket, 144x144 mm		
60352, 60353, 60354, 60355	Rudder angle indicator for console mounting, 192x192 mm		
60338, 60339, 60340, 60341	Rudder angle indicator for console mounting, 144x144 mm		
60331, 60334, 60335, 60337	Rudder angle indicator for console mounting, 96x96 mm		
5014	Rudder angle calibrator		
4132, 4134, 4136, 4137, 4968	Feedback unit		

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

Signed for and on behalf of the manufacturer:



Mark Steel, Head of Engineering



Hamburg, 17.08.2022

Place and date of issue