

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

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| — SOLAS 74 Reg. V/18. | — ISO 11674:2019, |
| — SOLAS 74 Reg. V/18, | — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, |
| — SOLAS 74 Reg. V/19, | — IEC 61162-1:2016, |
| — IMO Res.A.342(IX), | — IEC 61162-2 Ed.1.0:1998-09, |
| — IMO Res.A.694(17), | — IEC 62288 Ed. 3.0:2021. |
| — IMO Res.MSC.191(79), | — IEC 62923-1:2018. |
| — IMO Res.MSC.64(67) Annex 3, | — IEC 62923-2:2018. |
| — 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 GL SE

Equipment:

| Heading control system (HCS) (MED/4.16) NAVIPILOT 4500N | | |
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| Type No. | Designation | (1) EC TYPE EXAMINATION (B) Cert. No.: |
| 5033 | Control and Display Unit NAVIPILOT 4500N | (1) MEDB00006Y5 (2) MEDD00000ZJ |
| 5032 | Autopilot Processing Unit NAVIPILOT 4500N | |
| 4960 | Steering Control Unit | |
| 20040, 20041 | Solenoid Board AC (4961-1083, 4961-1084) | |
| 20042, 20043 | Solenoid Board DC (4961-1085, 4961-1086) | |
| 20044 | Isolated Proportional Output Board (4961-1087) | |
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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, 12.09.2022

Place and date of issue

