

## 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

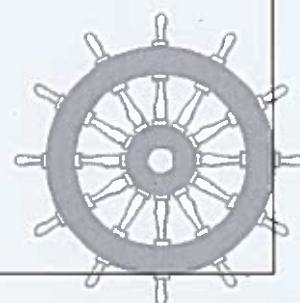
|                        |                                                    |
|------------------------|----------------------------------------------------|
| — SOLAS 74 Reg. V/18,  | — ISO 8728:2014,                                   |
| — SOLAS 74 Reg. V/19,  | — IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008), |
| — IMO Res.A.424(XI),   | — IEC 61162-1 (2016),                              |
| — IMO Res.A.694(17),   | — IEC 61162-2 ed1.0 (1998-09),                     |
| — IMO Res.MSC.191(79), | — IEC 62288 Ed. 2.0 (2014-07).                     |
| — 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:

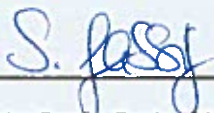
| <b>Gyro compass (A.1/4.3) CompassNet</b> |                                                        |                                                                                                                                    |
|------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Type No.                                 | Designation                                            | (1) EC TYPE EXAMINATION (B) Cert. No.:<br>(2) EC QUALITY SYSTEM (D) Cert. No.:<br>(1) MEDB000025J Rev. 2<br>(2) MEDD000002J Rev. 6 |
| 5026                                     | Gyrocompass System NAVIGAT 200                         |                                                                                                                                    |
| 5026-AA                                  | NAVIGAT 100                                            |                                                                                                                                    |
| 4911 or 5000                             | 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                                             |                                                                                                                                    |
| 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, 4905                               | Bearing Repeater Bracket with Terminal Box             |                                                                                                                                    |
| 4884, 4894                               | Terminal box                                           |                                                                                                                                    |
| 4914                                     | Gyrocompass System NAVIGAT X MK 1                      |                                                                                                                                    |
| 4991                                     | Gyrocompass System 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                  |                                                                                                                                    |



**Gyro compass (A.1/4.3) CompassNet**

| Type No.                     | Designation                        | (1) EC TYPE EXAMINATION (B) Cert. No.:           | (2) EC QUALITY SYSTEM (D) Cert. No.: |
|------------------------------|------------------------------------|--------------------------------------------------|--------------------------------------|
| 4805                         | Voyage Data Printer NAVIPRINT      | (1) MEDB000025J Rev. 2<br>(2) MEDD000002J Rev. 5 |                                      |
| 4926                         | Gyrocompass Control Unit           |                                                  |                                      |
| 4863                         | Fluxgate Coil For Magnetic Compass |                                                  |                                      |
| DTR600                       | Digital Tape Repeater              |                                                  |                                      |
| 4891                         | Universal Digital Repeater         |                                                  |                                      |
| 4806-AC, 4806-AD,<br>4806-AE | Multifunction Display NAVIDATA     |                                                  |                                      |
| 4932                         | Switch-Over Box                    |                                                  |                                      |
| 4936, 4992                   | Splitter Box                       |                                                  |                                      |
| 55555                        | Opto Isolator                      |                                                  |                                      |
| 2568                         | Power Supply Unit                  |                                                  |                                      |

Signed for and on behalf of the manufacturer:



Sandra Gassig, Product Line Manager

Hamburg, 18.03.2019

Place and date of issue

