

EC CERTIFICATE OF CONFORMITY QUALITY SYSTEM (MODULE D)

DNV·GL

DNV GL SE as the notified body, notified by the German Federal Ministry of Transport, Building and Urban Development, performing the quality assessment procedures certifies that the manufacturer maintains and applies a quality system which is in compliance with the requirements of the Marine Equipment Directive (MED) 96/98/EC, as amended, ensuring that the equipment identified below is conform to the type as described in the EC Type Examination Certificate, subject to any conditions in the annex attached hereto.

Certificate No. **37 960 - 12 HH**

Manufacturer **Northrop Grumman Sperry Marine B.V.
German Branch
Woltmanstr. 19
20097 Hamburg, GERMANY**

Scope:

- A.1/4.3 Gyro compass**
- A.1/4.31 Gyro compass for high-speed craft**
- A.1/4.9 Rate-of-turn indicator**

Related Directive **(EU) 2015/559**

Date of Re-issue **2016-06-13**

Expiry Date **2021-06-12**

DNV GL SE

Notified Body No.: 0098

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Christine Mydlak-Röder

Certificate No: 37 960 - 12 HH

Date of Re-issue: 2016-06-13

Remarks

None

Notes:

This certificate authorises the manufacturer in conjunction with the EC Type Examination (Module B) Certificate of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.

This certificate loses its validity if the manufacturer makes any changes or modifications to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate and/or after lapse of time, withdrawal or revocation of the EC Type Examination (Module B) Certificate.

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the annex attached hereto and as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th 2004.

Wheelmark Format and application:



0098/yy

0098
yy

Notified Body number undertaking quality surveillance
Last two digits of year in which the mark is affixed

Annex to
Certificate No: 37 960 - 12 HH

Date of Re-issue: 2016-06-13

| Item | Item Description | | | |
|-------------------------------|--|---------------|----------------|---------------|
| | Product Name | | | |
| | Trade Name | | | |
| | Module B No. | Date of issue | Date of expiry | Notified Body |
| | USCG Approval No. | | | |
| | Comment to USCG Approval (if applicable) | | | |
| A.1/4.3 | Gyro compass | | | |
| | Type 5021 ¹ | | | |
| | NAVIGAT 3000 | | | |
| | 37 757 - 12 HH | 2016-06-13 | 2021-06-12 | 0098 |
| | 165.103 / EC 0098 / 3775712 | | | |
| | none | | | |
| | Type 4914 CA ¹ | | | |
| | NAVIGAT X MK1 | | | |
| | 94 418 - 10 HH | 2016-06-13 | 2021-06-12 | 0098 |
| | 165.103 / EC 0098 / 9441810 | | | |
| | none | | | |
| | Type 4991 ¹ | | | |
| | NAVIGAT X MK2 | | | |
| | 94 420 - 10 HH | 2016-06-13 | 2021-06-12 | 0098 |
| | 165.103 / EC 0098 / 9442010 | | | |
| none | | | | |
| A.1/4.31 | Gyro compass for high-speed craft | | | |
| | Type 5021 ¹ | | | |
| | NAVIGAT 3000 | | | |
| | 37 957 - 12 HH | 2016-06-13 | 2021-06-12 | 0098 |
| | 165.203 / EC 0098 / 3795712 | | | |
| | none | | | |
| | Type 4914 CC ¹ | | | |
| | NAVIGAT X MK1 HSC | | | |
| | 94 428 - 10 HH | 2016-06-13 | 2021-06-12 | 0098 |
| | 165.203 / EC 0098 / 9442810 | | | |
| none | | | | |
| A.1/4.9 | Rate-of-turn indicator | | | |
| | Type 4914CA or 4914 CC ¹ | | | |
| | NAVIGAT X MK1 or NAVIGAT X MK1 HSC | | | |
| | 94 424 - 10 HH | 2016-06-13 | 2021-06-12 | 0098 |
| | 165.106 / EC 0098 / 9442410 | | | |
| | none | | | |
| Type 5021 ¹ | | | | |
| NAVIGAT 3000 | | | | |

**Annex to
Certificate No: 37 960 - 12 HH**

Date of Re-issue: 2016-06-13

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|--|-----------------------------|------------|------------|------|
| | 37 959 - 12 HH | 2016-06-13 | 2021-06-12 | 0098 |
| | 165.106 / EC 0098 / 3795912 | | | |
| | none | | | |

Places of Production

¹ Northrop Grumman LITEF GmbH, 79115 Freiburg, GERMANY