DNV·GL

Certificate No:
MEDD00000ZJ

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

Issued to

Northrop Grumman Sperry Marine B.V. - German Branch
HAMBURG, Germany

is found to comply with the applicable requirements.
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2015/559.

This Certificate is valid until **2021-05-01**.

Issued at **Hamburg** on **2016-12-19**

DNV GL local station:
Hamburg

Approval Engineer:
Jörg Rebel

Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudszus
Head of Notified Body

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the appendix 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.

0098/yyyy

0098: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) 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 to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

APPENDIX

Item no. A.1/4.3 Gyro compass

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
CompassNet (Type 5026)[1]	MEDB000025J	2021-05-01	0098	165.103/EC0098 /MEDB000025J

Item no. A.1/4.31 Gyro compass for high-speed craft

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
CompassNet (Type 5026)[1]	MEDB000025K	2021-05-01	0098	165.203/EC0098 /MEDB000025K

Item no. A.1/4.9 Rate-of-turn indicator (ROTI)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
CompassNet (Type 5026)[1]	MEDB000025M	2021-05-01	0098	165.106/EC0098 /MEDB000025M

Places of production

1.Northrop Grumman LITEF GmbH, Lörracher Str. 18, Freiburg, Germany