

QS - CERTIFICATE OF ASSESSMENT – EC (MODULE D)

Certificate no.:
MEDD00000ZJ
Revision no.:
22

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV 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

Sperry Marine B.V. - German Branch
Hamburg, Germany

is found to comply with the applicable requirements.

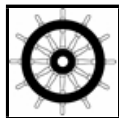
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2025/1533.

Date of issue: **2025-10-17**

Expiry date: **2026-04-28**

DNV local unit:
Hamburg – CMC North/East

Approval Engineer:
Jörg Rebel



Notified Body
no.: **0098**



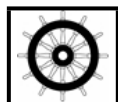
for **DNV SE**

Digitally Signed By:

Christine Mydlak-Röder

Christine Mydlak-Röder
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, and amended by Decision No 1/2023 dated May 26th, 2023.



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

The reference to Module B certificate(s) relate to the revision of the certificate valid at the time of issue of this Module D/E certificate. This module D/E certificate is valid for later revisions of the referenced DNV Module B certificate(s) until their expiration date or within the validity dates of this Module D/E certificate, whichever is less. A new Module B certificate will be required when a modification of a product covered by a Module B certificate is of such extent that a new conformity assessment is required by Directive 2014/90/EU. For Non-DNV Module B certificates, only the revision stated in this Module D/E certificate is regarded valid.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Item no. MED/4.1 Magnetic compass – Class A for ships

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
JUPITER	MEDB00002MG	2027-05-31	0098	165.101/EC0098/ MEDB00002MG	3,6,7

Item no. MED/4.16 Heading control system (HCS)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
NAVIPILOT 4500N	MEDB00006Y5	2027-09-06	0098	165.110/EC0098/ MEDB00006Y5	2,7

Item no. MED/4.20 Rudder angle indicator

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
Rudder Angle Indicator System	MEDB00002UG	2027-10-06	0098	165.167/EC0098/ MEDB00002UG	2,7

Item no. MED/4.40 Heading control system for high speed craft

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
NAVIPILOT 4500N	MEDB00008X6	2027-09-06	0098	165.210/EC0098/ MEDB00008X6	2,7

Item no. MED/4.41 Transmitting heading device THD (GNSS method)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
NAVISTAR	MEDB00008DM	2030-08-19	0098	165.102/EC0098/ MEDB00008DM	1,2,7

Item no. MED/4.54 Compass Bearing Device

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
PV 23 (Type 2535, 2535-AA), PV 24 (Type 2695), PV 25 (Type 5042)	MEDB00007F5	2026-04-29	0098	N/A	3,6,7

Item no. MED/4.65 Gyro compass

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
NAVIGAT 100	MEDB00007M0	2026-04-29	0098	165.103/EC0098/ MEDB00007M0	2,4,7
NAVIGAT 200, NAVIGAT 2500, NAVIGAT 3500	MEDB000025J	2026-04-29	0098	N/A	1,2,4,5,7

Item no. MED/4.7 Speed and distance measuring equipment (SDME)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
NAVIKNOT Types: 350 E, 350 EE, 450 D, 450 DD, 550 DD, 600 S, 600 SD, 600 SDD, 600 SDT and 600 SE	MEDB000038V	2030-08-20	0098	165.105/EC0098/MEDB000038V	1,2,7

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

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Prod. site(s)
NAVIGAT 200, NAVIGAT 2500, NAVIGAT 3500	MEDB000025M	2026-04-29	0098	165.106/EC0098/MEDB000025M	2,4,5,7
NAVIGAT 100	MEDB00007ZB	2027-03-06	0098	165.106/EC0098/MEDB00007ZB	2,4,7

Places of production

- 1 ComNav Marine, Ltd., 13511 Crestwood Pl Suite 15, Richmond, V6V 2G1, Canada
- 2 MIKROLAB-Entwicklungsgesellschaft für Elektroniksysteme mbH, Dieter-Streng-Str. 1, Fürth, 90766, Germany
- 3 Cassens & Plath GmbH, Am Lunedeich 131, Bremerhaven, 27572, Germany
- 4 Northrop Grumman Italia S.p.A., Via Pontina km 27.800, Pomezia, 00040, Italy
- 5 IXBLUE, rue Paul Sabatier, Lannion, 22300, France
- 6 Hein & Oetting Feinwerktechnik GmbH, Dr.-Flögel-Straße 13, Ahrensburg, 22926, Germany
- 7 Sperry Marine B.V. - German Branch, Woltmanstr. 19, Hamburg, 20097, Germany