

QS - CERTIFICATE OF ASSESSMENT (MODULE D)

Certificate no.:
MERD00000ZJ
Revision no.:
7

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

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, D in the Merchant Shipping (Marine Equipment) Regulations 2016 Annex II and regulation (UK) MSN 1874 Amendment 10.

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

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

DNV local unit:
Hamburg – CMC
North/East

Approval Engineer:
Jörg Rebel



Approved Body No.: **0097**



for **DNV UK Ltd.**

Digitally Signed By:

Christine Mydlak-Röder

Christine Mydlak-Röder
MER Service Responsible



Example for the "Mark of Conformity":
0097: number of the Approved Body responsible for quality surveillance module
(yy)yy: year in which the mark is affixed.



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

The product liability tests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.

This certificate provides the basis for the manufacturer or (if applicable) their authorised representative established within the United Kingdom in conjunction with the UK TYPE EXAMINATION (MODULE B) CERTIFICATE of the equipment listed in the scope to affix the "Mark of Conformity" ("Red Ensign Mark").

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 approved 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 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 Merchant Shipping (Marine Equipment) Regulations 2016. 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. UK/4.1 Magnetic compass – Class A for ships

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
JUPITER	MERB00002MG	2027-05-31	0097	N/A	3,6,7

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

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
NAVIPILOT 4500N	MERB00006Y5	2027-09-06	0097	N/A	2,7

Item no. UK/4.20 Rudder angle indicator

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
Rudder Angle Indicator System	MERB00002UG	2027-10-06	0097	N/A	2,7

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

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
NAVIPILOT 4500N	MERB00008X6	2027-09-06	0097	N/A	2,7

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

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
NAVISTAR	MERB0001N7V	2030-08-18	0097	N/A	1,2,7

Item no. UK/4.54 Compass Bearing Device

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
PV 23 (Type 2535, 2535-AA), PV 24 (Type 2695), PV 25 (Type 5042)	MERB00007F5	2026-04-29	0097	N/A	3,6,7

Item no. UK/4.65 Gyro compass

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
NAVIGAT 100	MERB00007M0	2026-04-29	0097	N/A	2,4,7
NAVIGAT 200, NAVIGAT 2500, NAVIGAT 3500	MERB000025J	2026-04-29	0097	N/A	1,2,4,5,7

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

Type designation	Type-Examination Certificate no.	Expiry date	Approved 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	MERB000038V	2030-08-20	0097	N/A	1,2,7

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

Type designation	Type-Examination Certificate no.	Expiry date	Approved Body no.	USCG approval number	Prod. site(s)
NAVIGAT 100	MERB00007ZB	2027-03-06	0097	N/A	2,4,7
NAVIGAT 200, NAVIGAT 2500, NAVIGAT 3500	MERB000025M	2026-04-29	0097	N/A	2,4,5,7

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