QS - CERTIFICATE OF ASSESSMENT - EC (MODULE E)

Certificate No:
MEDE000000C
Revision No:
4

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

Cassens & Plath GmbH

Bremerhaven, **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 E in the directive 2014/90/EU and regulation (EU) 2022/1157.

This Certificate is valid until **2026-07-11**.

Issued at **Hamburg** on **2022-12-22**

DNV local unit:
Hamburg – CMC North/East

Approval Engineer:
Jörg Rebel

Notified Body
No.: **0098**

for **DNV SE**

Digitally Signed By: Mydlak-Röder, Christine

Location: DNV GL SE Hamburg, Germany

Christine Mydlak-Roeder
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 1/2018 dated February 18th, 2019.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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 300,000 USD.

APPENDIX

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
REFLECTA/1 (add. tradename: AlphaBinnacle H Mk2) - Type/11, REFLECTA/2 - Type/12, REFLECTA/1 - Type/4[1]	MEDB000010G Rev.2	2026-07-11	0098	165.101/EC0098 /MEDB000010G Rev.2
REFLECTA/3 - Type/21[1]	MEDB000010W Rev.1	2026-07-11	0098	165.101/EC0098 /MEDB000010W Rev.1

Item no. MED/4.23 Magnetic Compass Class B for lifeboats and rescue boats

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
BETA/1, BETA/2, BETA/4, IOTA/1, IOTA/2, T12/1, T12/2 with Trade Names: BETA, IOTA, T12[1]	MEDB000062B	2025-11-18	0098	N/A

Item no. MED/4.54 Compass Bearing Device

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
180, 160, Thomson, Sea, 175[1]	MEDB00003KT Rev.1	2027-12-21	0098	N/A

Places of production

1.Cassens & Plath GmbH, Am Lunedeich 131, Bremerhaven, Germany