

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:
MEDD0000045
Revision No:
15

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

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

YDK Technologies Co., Ltd., Morioka Branch
Morioka, Iwate, Japan

is found to comply with the applicable requirements.

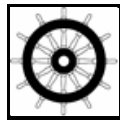
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2020/1170.

This Certificate is valid until **2026-03-07**.

Issued at **Høvik** on **2021-04-07**

DNV local station:
Yokohama

Approval Engineer:
Frederik Tore Elter

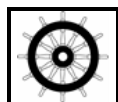


Notified Body
No.: **0575**

for **DNV AS**

Roald Vårheim
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 United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2019 dated February 22nd, 2019.



0575/yyyy

0575: 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This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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/4.16 Heading control system (HCS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
PT900D, PT900A and PT900A PLUS ¹	MEDB00004F2 Rev.3	2026-04-06	0575	165.110/EC0575 /MEDB00004F2 rev. 1

Item no. MED/4.2 Transmitting heading device THD (magnetic method)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
MPC430 ¹	MEDB00004WT Rev.1	2021-08-29	0575	165.102/EC0575 /MEDB00004WT Rev.1

Item no. MED/4.20 Rudder angle indicator

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
RAIS100 ¹	MEDB00000EU Rev.5	2025-12-02	0575	165.167/EC0575 /MEDB00000EU

Item no. MED/4.3 Gyro compass

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
CMZ900 Type B2, S, D ¹	MEDB00003BT Rev.4	2021-08-29	0575	165.103/EC0575 /MEDB00003BT Rev.4

Item no. MED/4.54 Compass Bearing Device

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
MKX617 Azimuth Circle ¹	MEDB00003Z1 Rev.1	2023-04-03	0575	N/A

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
Yokogawa EML 500-HV1,-HS1,-HD1 ¹	MEDB000004Y Rev.4	2025-12-08	0575	165.105/EC0575 /MEDB000004Y Rev.2
EML900-FB1 -FB2,-HD1,-HV1,-HV2 ¹	MEDB00005J2 Rev.1	2025-07-08	0575	165.105/EC0575 /MEDB00005J2



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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
MHR130-RAT ¹	MEDB000040N Rev.1	2023-06-12	0575	165.106/EC0575 /MEDB000040N

Places of production

1.YDK Technologies Co., Ltd., Morioka Branch, 1-15-8 Kamiiioka, Morioka, Japan