

QS - CERTIFICATE OF ASSESSMENT – EC (MODULE D)

Certificate no.:
MEDD00002CD
Revision no.:
8

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

Furuno Electric Co., Ltd.
Nishinomiya, Japan

is found to comply with the applicable requirements.

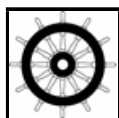
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2024/1975.

Date of issue: **2025-04-30**

Expiry date: **2028-02-16**

DNV local unit:
Japan CMC

Approval Engineer:
Steinar Kristensen



Notified Body
No.: **0575**



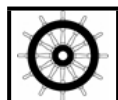
for **DNV AS**

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 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 1/2023 dated August 21st, 2023.



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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/4.29 Voyage data recorder (VDR)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
VR-7000	MEDB000039E	2029-05-06	0575	165.150/EC0575/MEDB000039E	1,2

Item no. MED/4.30 Electronic chart display and information system (ECDIS)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FMD-3200/3200-BB/FMD-3300	MEDB00001AV	2028-10-11	0575	165.123/EC0575/MEDB00001AV 165.124/EC0575/MEDB00001AV	1,2
FMD-3100	MEDB00001MN	2028-10-11	0575	165.123/EC0575/MEDB00001MN 165.124/EC0575/MEDB00001MN	1,2
FMD-3005	MEDB00008HE	2028-06-20	0575	165.123/EC0575/MEDB00008HE 165.124/EC0575/MEDB00008HE	1,2

Item no. MED/4.32 Universal automatic identification system (AIS)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FA-170	MEDB00000EV	2026-01-18	0575	165.155/EC0575/MEDB00000EV	1,2

Item no. MED/4.33 Track control system (TCS)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
TC-3001 EMRI	MEDB00000AJ	2027-10-25	0575	165.112/EC0575/MEDB00000AJ	1,2
TC-3001 YDK	MEDB00000S4	2026-10-06	0575	165.112/EC0575/MEDB00000S4	1,2
TC-3001 R-A	MEDB00003HC	2027-10-19	0575	165.112/EC0575/MEDB00003HC	1,2
TC-3001 TKC	MEDB000045U	2027-04-26	0575	165.112/EC0575/MEDB000045U	1,2

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	Places of production
SC-70 and SC-130	MEDB00001BY	2026-01-07	0575	165.102/EC0575/MEDB00001BY	1
GS-100	MEDB000039H	2028-01-29	0575	165.102/EC0575/MEDB000039H	1

Item no. MED/4.47 Simplified voyage data recorder (S-VDR)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
VR-7000S	MEDB00001MR	2029-05-06	0575	165.151/EC0575/MEDB00001MR	1,2

Item no. MED/4.57 Bridge Navigational Watch Alarm System (BNWAS)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
BR-500	MEDB000011T	2026-03-02	0575	165.142/EC0575/MEDB000011T	1

Item no. MED/4.59 Integrated navigation system (INS)

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
Furuno Voyager INS	MEDB00001G6	2029-05-07	0575	165.141/EC0575/MEDB00001G6	1,2

Item no. MED/4.6 Echo-sounding equipment

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FE-800	MEDB000039F	2026-06-02	0575	165.107/EC0575/MEDB000039F	1,2

Item no. MED/4.63 GNSS Equipment

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
SC-70 and SC-130	MEDB00001BW	2026-01-07	0575	165.130/EC0575/MEDB00001BW	1
GP-170	MEDB000039D	2025-07-01	0575	165.130/EC0575/MEDB000039D 165.131/EC0575/MEDB000039D 165.132/EC0575/MEDB000039D 165.133/EC0575/MEDB000039D	1

Item no. MED/4.64 Radar equipment

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FAR-1518(-BB)/FAR-1528(-BB)	MEDB00000FC	2026-08-17	0575	165.116/EC0575/MEDB00000FC 165.117/EC0575/MEDB00000FC	1,2
FAR-3210, FAR-3210-BB, FAR-3220, FAR-3220-BB, FAR-3310, FAR-3320, FAR-3320W, FAR-3220W-BB, FAR-3330SW, FAR-3230SW-BB, FAR-3230S, FAR-3230S-BB, FAR-3330S, FAR-3230S-SSD, FAR-3230S-SSD-BB, FAR-3330S-SSD, FAR-3220-NXT, FAR-3220-NXT-BB, FAR-3320-NXT	MEDB00001BE	2026-08-26	0575	165.115/EC0575/MEDB00001BE 165.116/EC0575/MEDB00001BE 165.216/EC0575/MEDB00001BE 165.217/EC0575/MEDB00001BE	1,2
FAR-2218, FAR-2218-BB, FAR-2228, FAR-2228-BB, FAR-2228-NXT, FAR-2228-NXT-BB, FAR-2238S, FAR-2238S-BB, FAR-2238S-NXT, FAR-2238S-NXT-BB, FAR-2318, FAR-2328, FAR-2328W, FAR-2328-NXT, FAR-2338SW, FAR-2338S, FAR-2338S-NXT, FAR-2018-MARK-2, FAR-2028-MARK-2	MEDB00002AU	2026-08-29	0575	165.115/EC0575/MEDB00002AU 165.116/EC0575/MEDB00002AU 165.117/EC0575/MEDB00002AU 165.216/EC0575/MEDB00002AU 165.217/EC0575/MEDB00002AU	1,2
FAR-3015, FAR-3025, FAR-3035S, FAR-3035S-NXT, FAR-3025-NXT	MEDB00008HF	2028-06-22	0575	165.115/EC0575/MEDB00008HF 165.116/EC0575/MEDB00008HF 165.216/EC0575/MEDB00008HF 165.217/EC0575/MEDB00008HF	1,2

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	Places of production
GS-100	MEDB000039C	2028-01-29	0575	165.105/EC0575/MEDB000039C	1
DS-85 Doppler Speed Log	MEDB000052F	2029-10-21	0575	165.105/EC0575/MEDB000052F	1,2
DS-60	MEDB000008R	2029-04-11	0575	165.105/EC0575/MEDB000008R	2

Item no. MED/4.9 Rate-of-turn indicator

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
SC-70 and SC-130	MEDB00001BX	2026-01-07	0575	165.106/EC0575/MEDB00001BX	1

Item no. MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FM-8900S	222120007/AA/04	2027-04-01	0063	N/A	2

Item no. MED/5.13 Inmarsat-C SES

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FELCOM18	222120009/AA/02	2027-03-08	0063	N/A	2
FELCOM20	MEDB00008BV	2030-03-27	0575	N/A	2

Item no. MED/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FS-2575	212120003/AA/05	2026-06-02	0063	N/A	2
FS-5075	212120004/AA/05	2026-06-02	0063	N/A	2
FS-1575	222120001/AA/03	2027-03-08	0063	N/A	2

Item no. MED/5.15 MF/HF DSC scanning watch keeping receiver

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FS-1575	222120008/AA/03	2027-03-08	0063	N/A	2
FS-2575	212120011/AA/04	2026-06-02	0063	N/A	2
FS-5075	212120012/AA/04	2026-06-02	0063	N/A	2

Item no. MED/5.2 VHF DSC watch-keeping receiver

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FM-8900S	222120010/AA/04	2027-04-01	0063	N/A	2

Item no. MED/5.3 NAVTEX receiver

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
NX-700	252120001/AA/00	2027-04-07	0063	N/A	2
NX-900	MEDB000087C	2028-08-09	0575	N/A	2

Item no. MED/5.4 EGC receiver

Type designation	EC Type-Examination Certificate no.	Expiry date	Notified Body no.	USCG approval number	Places of production
FELCOM20	MEDB000087D	2030-03-26	0575	N/A	2
FELCOM18	222120006/AA/02	2027-03-08	0063	N/A	2

Item no. MED/4.16 - Heading control system (HCS), 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	Places of production
NAVpilot-1000	MEDB00007SD	2028-01-24	0575	165.110/EC0575/MEDB00007SD 165.210/EC0575/MEDB00007SD	1

Places of production

- 1 FURUNO DONGGUAN CO., LTD., China
- 2 Furuno Electric Co., Ltd. Miki Factory, 1 Tomoe, Bessho-cho, Miki-city, 673-0443, Japan