

Certificate

Production Quality System

MODULE D

Certificate No. P 112 (Issue 62)

Telefication, operating as Notified Body under the Directive 2014/90/EU, hereby declares that the produced products of the company:

**Furuno Electric Co. Ltd.
Nishinomiya
Hyogo Pref.
Japan**

comply with the certification criteria as laid down in RD_040 and RD_041 implementing the Production Quality System requirements of the **Marine Equipment Directive 2014/90/EU**.

The certification covers the Production Quality System as well as the specified product categories as described in annex 1, provided with this certificate.

Date of issue: 17 Dec 2021
Date of first issue: 25 May 1999
Expiration date: 25 Dec 2022

⊙ 0560



Apeldoorn, 17 Dec 2021
W.J.M. Jong
Manager Product Certification

Item	Module B certificate data				
	Registration No.	Date of issue	Date of expiry	Notified Body	USCG approval No.
	USCG approval No.				
MED/5.3	NAVTEX receiver NX-700 #	202120004/AA/01	Dec 11, 2020	Apr 7, 2025	0560
MED/5.14	500W GMDSS MF/HF SSB Radiotelephone with integrated Class-A DSC-controller, NBDP terminal and DSC-watch keeping receiver FS-5075 +	212120004/AA/01	Sep 30, 2021	Jun 2, 2026	0560
MED/5.15	500W GMDSS MF/HF SSB Radiotelephone with integrated Class-A DSC-controller, NBDP terminal and DSC-watch keeping receiver FS-5075 +	212120012/AA/00	Sep 30, 2021	Jun 2, 2026	0560
MED/5.14	250W GMDSS MF/HF SSB Radiotelephone with integrated Class-A DSC-controller, NBDP terminal and DSC-watch keeping receiver FS-2575 +	212120003/AA/01	Sep 30, 2021	Jun 2, 2026	0560
MED/5.15	250W GMDSS MF/HF SSB Radiotelephone with integrated Class-A DSC-controller, NBDP terminal and DSC-watch keeping receiver FS-2575 +	212120011/AA/00	Sep 30, 2021	Jun 2, 2026	0560
MED/5.13 MED/5.4	Inmarsat-C satellite earth station Felcom 18 +	172120124/AA/06	Oct 4, 2021	May 09, 2022	0560
MED/5.1 MED/5.2	VHF radiotelephone with integrated DSC & ch70 watch keeping receiver FM-8900S +	172120125/AA/04	Sep 08, 2021	May 09, 2022	0560
MED/5.14 MED/5.15	150W GMDSS MF/HF SSB Radiotelephone with integrated Class-A DSC-controller, NBDP terminal and DSC-watchkeeping receiver FS-1575 +	172120123/AA/04	Oct 04, 2021	May 09, 2022	0560
MED/4.14	GPS Equipment				
	GP-170 #	MEDB000039D 165.130/EC0575/ MEDB000039D/EC0560	Aug 16, 2021	May 07, 2025	0575
	SC-70 #	MEDB00001BW 165.130/EC0575/ MEDB00001BW/EC0560	Jan 08, 2021	Jan 07, 2026	0575
	SC-130 #	MEDB00001BW	Jan 08, 2021	Jan 07, 2026	0575

Σ including implementing regulation (EU) 2018/773
 * including implementing regulation (EU) 2019/1397
 # including implementing regulation (EU) 2020/1170
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	USCG approval No.				
	165.130/EC0575/ MEDB00001BW/EC0560				
MED/4.50	DGPS Equipment GP-170#	MEDB000039D	Aug 16, 2021	May 07, 2025	0575
		165.132/EC0575/ MEDB000039D/EC0560			
MED/4.32	AIS Equipment FA-170 #	MEDB00000EV	Jan 19, 2021	Jan 18, 2026	0575
		165.155/EC0575/ MEDB00000EV/EC0560			
MED/4.47	Simplified Voyage Data Recorder (S-VDR) VR-7000S #	MEDB00001MR	Jun 15, 2021	Jun 6, 2024	0575
		165.151/EC0575/MEDB00001 MR/EC0560			

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	Registration No.	Date of issue	Date of expiry	Notified Body	
	USCG approval No.				
MED/4.6	Echo-sounding equipment				
	FE-800 #	MEDB000039F 165.107/EC0575/MEDB000039F/EC0560	June 03, 2021	June 02, 2026	0575
MED/4.7	Speed and distance measuring equipment (SDME)				
	GS-100 +_	MEDB000039C 165.105/EC0575/MEDB000039C/EC0560	Sep 30, 2021	Sep 19, 2023	0575
	DS-60 #	MEDB000008R 165.105/EC0575/MEDB000008R/EC0560	June 09, 2021	July 30, 2024	0575
	DS-80 Σ	MEDB00000HG 165.105/EC0575/MEDB00000HG/EC0560	July 15, 2019	July 14, 2024	0575
	DS-85 *	MEDB000052F 165.105/EC0575/MEDB000052F/EC0560	Feb 03, 2020	Feb 02, 2025	0575
MED/4.9	Rate-of-turn indicator (ROTI)				
	SC-70 #	MEDB00001BX 165.106/EC0575/MEDB00001BX/EC0560	Jan 08, 2021	Jan 07, 2026	0575
	SC-130 #	MEDB00001BX 165.106/EC0575/MEDB00001BX/EC0560	Jan 08, 2021	Jan 07, 2026	0575
MED/4.15	GLONASS equipment				
	GP-170 #	MEDB000068K 165.131/EC0575/MEDB000068K/EC0560	Aug 16, 2021	May 07, 2025	0575
MED/4.29	Voyage data recorder (VDR)				
	VR-7000 #	MEDB000039E 165.150/EC0575/ MEDB000039E/EC0560	Jun 15, 2021	Nov 06, 2024	0575
MED/4.30	Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS)				
	FMD-3100 #	MEDB00001MN 165.123/EC0575/MEDB00001MN/EC0560 165.124/EC0575/MEDB00001MN/EC0560	May 20, 2021	Aug 19, 2024	0575
	FMD-3200/3200-BB/FMD-3300 +	MEDB00001AV 165.123/EC0575/MEDB00001AV/EC0560 165.124/EC0575/MEDB00001AV/EC0560	Sep 02, 2021	Sep 01, 2026	0575
	FAR-3xx0 +	MEDB00001BE 165.124/EC0575/ MEDB00001BE/EC0560	Aug 30, 2021	Aug 29, 2026	0575
	FCR-2xx9 *	MEDB00001BM 165.124/EC0575/ MEDB00001BM/EC0560	Oct 21, 2019	Aug 29, 2021	0575

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	Registration number		Date of issue	Date of expiry	Notified body
	USCG Approval No.				
MED/4.33	Track control system (working at ship's speed from minimum manoeuvring speed up to 30 knots)				
TC-3001 TKC Σ	MEDB000045U		Oct 24, 2018	Oct 23, 2023	0575
	165.112/EC0575/MEDB000045U/EC0560				
TC-3001 EMRI *	MEDB00000AJ		Jan 10, 2020	Aug 29, 2021	0575
	165.112/EC0575/MEDB00000AJ/EC0560				
TC-3001 YDK +	MEDB00000S4		Oct 07, 2021	Oct 06, 2026	0575
	165.112/EC0575/MEDB00000S4/EC0560				
TC-3001 R-A *	MEDB00003HC		Feb 06, 2020	Aug 29, 2021	0575
	165.112/EC0575/MEDB00003HC/EC0560				
MED/4.34	Radar equipment CAT 1				
FCR-2xx9 *	MEDB00001BM		Oct 21, 2019	Aug 29, 2021	0575
	165.115/EC0575/MEDB00001BM/EC0560				
MED/4.35	Radar equipment CAT 2				
FCR-2xx9 *	MEDB00001BM		Oct 21, 2019	Aug 29, 2021	0575
	165.116/EC0575/MEDB00001BM/EC0560				
FAR-15x8 #	MEDB00000FC		Aug 18, 2021	Aug 17, 2026	0575
	165.116/EC0575/MEDB00000FC/EC0560				
MED/4.36	Radar equipment CAT 3				
FAR-15x8 #	MEDB00000FC		Aug 18, 2021	Aug 17, 2026	0575
	165.117/EC0575/MEDB00000FC/EC0560				

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	USCG Approval No.				
MED/4.37	Radar equipment for high-speed craft applications (CAT 1H and CAT 2H)				
FCR-2xx9 *	MEDB00001BM		Oct 21, 2019	Aug 29, 2021	0575
	165.216/EC0575/MEDB00001BM/EC0560				
	165.217/EC0575/MEDB00001BM/EC0560				
FAR-15x8 #	MEDB00000FD		Aug 23, 2021	Aug 22, 2026	0575
	165.217/EC0575/MEDB00000FD/EC0560				
MED/4.38	Radar equipment CAT 1C, CAT 2C, CAT 1HC for HSC, CAT 2HC for HSC (with chart option)				
FCR-2xx9 *	MEDB00001BM		Oct 21, 2019	Aug 29, 2021	0575
MED/4.41	Transmitting heading device THD (GNSS method)				
GS-100 +	MEDB000039H		Sep 30, 2021	Sep 19, 2023	0575
	165.102/EC0575/MEDB000039H/EC0560				
SC-70 #	MEDB00001BY		Jan 08, 2021	Jan 07, 2026	0575
	165.102/EC0575/MEDB00001BY/EC0560				
SC-130 #	MEDB00001BY		Jan 08, 2021	Jan 07, 2026	0575
	165.102/EC0575/MEDB00001BY/EC0560				
MED/4.51	DGLONASS equipment				
GP-170 #	MEDB000068K		Aug 16, 2021	May 07, 2025	0575
	165.133/EC0575/MEDB000068K/EC0560				
MED/4.57	Bridge navigational watch alarm system (BNWAS)				
BR-500 #	MEDB000011T		Mar 03, 2021	March 02, 2026	0575
	165.142/EC0575/MEDB000011T/EC0560				
MED/4.59	Integrated Navigation System (INS)				
Furuno Voyager INS Σ	MEDB00001G6		Jun 13, 2019	Jun 12, 2024	0575
MED/4.64	Radar equipment				
FAR-3xx0 +	MEDB00001BE		Aug 30, 2021	Aug 29, 2026	0575
	165.115/EC0575/MEDB00001BE/EC0560				
	165.116/EC0575/MEDB00001BE/EC0560				
	165.216/EC0575/MEDB00001BE/EC0560				
FAR-2xx8 +	MEDB00002AU		Aug 27, 2021	Aug 26, 2026	0575
	165.115/EC0575/MEDB00002AU/EC0560				
	165.116/EC0575/MEDB00002AU/EC0560				
	165.117/EC0575/MEDB00002AU/EC0560				
	165.216/EC0575/MEDB00002AU/EC0560				
165.217/EC0575/MEDB00002AU/EC0560					

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