NIPPON KAIJI KYOKAI

CERTIFICATE OF APPROVAL FOR FIRMS ENGAGED IN PERFORMANCE TESTS OF VOYAGE DATA RECORDERS

Certificate No. : **25EQ034VT**
Approval No. : **VT265**

THIS IS TO CERTIFY that

RADIO ONDAS SERVICIOS MARITIMOS SL

C/ Jacinto Benavente N15B, 11204 Algeciras, SPAIN

is approved as a firm engaged in annual performance tests of the voyage data recorders under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This approval is valid until **16 December 2029**, subject to periodical assessment and the validity of the equipment manufactures' approval, and in association with the attachment to this certificate on which the applicable items to this approval are listed.

This certificate was issued at Tokyo on **16 January 2025**.

See the conditions for approval on the reverse.

NIPPON KAIJI KYOKAI

M. IRISAWA
General Manager
Material and Equipment Dept.

ClassNK

Conditions for Approval:

1. The scope of performance test of this firm is as follows;
   - VDR/S-VDR regarding SOLAS Chapter V, Regulation 20
   For the applicable items to this approval, refer to the attachment.

2. The service has been properly conducted and reported to the Society's surveyor in accordance with the requirements of the rules and the relevant regulations.

3. Where there is any alteration to the service approved by this certificate, the firm should notify immediately to the Society.

This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.

Due range of the periodical assessment: between 17 December 2026 and 16 December 2027

Periodical Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Occasional Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Manufacturers / Models

Furuno Electric Co., Ltd.	VR-3000, VR-3000S, VR-5000, VR-7000
AMI Marine (UK) Ltd.	VR2272B VDR/SVDR, X2 VDR/SVDR, X-Series VDR/SVDR,
Danelec Marine A/S	DM100, DM200, DM300, DM400, DM500, DM100 G2
Qingdao Headway Technology Co., Ltd.	HMT-100 VDR, HMT-S100 S-VDR, HMT-100A VDR, HMT-100A S-VDR
Beijing Highlander Digital Technology Co., Ltd.	HLD-A1, HLD-A2/S, HLD-B2/S2, HLD-VDR600, HLD-SVDR600
Samsung Heavy Industries Co., Ltd.	SVDR, SVDR-N, SVDR-Pro, SVDR-3000
Totem Plus Ltd.	Totem VDR, SVDR
SAL NAVIGATION AB	VDR/SVDR SVS-200, VDR/SVDR SVF-200
Kelvin Hughes Limited	Manta Digital VDR/S-VDR, X-VDR, Manta NEO VDR, MDP-A3, MDP-A5
Wärtsilä SAM Electronics GmbH	VDR 4300, VDR 4330, VDR 4340, VDR 4350, VDR 4370
INTERSCHALT maritime systems GmbH	MER-VDR, MER-SVDR, MER-SVDR-C, MER-G4, MER-G4e
Japan Radio Co., Ltd.	JCY-1800, JCY-1850, JCY-1900, JCY-1950
Northrop Grumman Sperry Marine	VoyageMaster II/III (VDR/S-VDR), VoyageMaster IV (L-VDR/VDR/S-VDR), VoyageMaster IV G2(VDR/S-VDR)