NIPPON KAIJI KYOKAI

COPY

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

Certificate No. : **24EQ198VT**
Approval No. : **VT011**

THIS IS TO CERTIFY that

SEVEN SEAS ELECTRONIC CO., LTD.

Marine Hi-Techport, Block 10, Lane 1333, Jiang Nan Avenue, Chang Xing Islands, Shanghai(201913), China

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 **24 January 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 **5 March 2024**.

See the conditions for approval on the reverse.

NIPPON KAIJI KYOKAI

Y. Takao
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 25 January 2026 and 24 January 2027

Periodical Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Occasional Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Attachment to the certificate No. 24EQ198VT

Manufacturers / Models

Beijing Highlander Digital Technology Co., Ltd.	HLD-A, HLD-A1, HLD-A2/S, HLD-B2/S2, VDR600,
Consilium Marine & Safety AB	VDR-F1, VDR-F2, S-VDR-S1
Haihua Electronics Ent. Co.	HEV-847, HEV-850
Maritime Information Systems (MARIS) : (SIMRAD)	VDR 2000/2200/2200MK2, S-VDR 2000/2200/2200MK2
Netwave Systems B.V.	NW-4000 VDR, NW-4000 SVDR, NW-6000 VDR, NW-6000 SVDR
Rutter Technologies Inc.	VDR-100, VDR-100G2, VDR-100G2S, VDR-100G3, VDR-100G3S
Qingdao Headway Technology Co., Ltd.	HMT-100 VDR, HMT-S100 S-VDR, HMT-100A VDR/S-VDR
Samsung Heavy Industries Co., Ltd.	SVDR, SVDR-N, SVDR-Pro, SVDR-3000, SVDR-5000
SELEX Elsag Ltd	Broadgate VER3000
SELMA	MAESTRO VDR/S-VDR
Simulation Tech Inc. (STI)	VDR-1000, VDR-1000S
Tianjin Sealantern Electronics Co., Ltd.	SLT-18C
Totem Plus Ltd.	Totem VDR, SVDR
AMI Marine (UK) Ltd.	VR2272B VDR/SVDR, X2272 VDR/SVDR, X-Series VDR/SVDR, X2 VDR/SVDR

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Manufacturers / Models

Japan Radio Co., Ltd.	JCY-1000, JCY-1700, JCY-1700S, JCY-1800, JCY-1850, JCY-1900, JCY-1950
MacGregor Germany GmbH & Co. KG	MER-VDR, MER- SVDR, VDR G4, VDR G4e
Danelec Marine A/S	DM100, DM200, DM300, DM400, DM500, DM100 G2
New Sunrise Co., Ltd. (NSR)	NVR-9000, NVR-9000S
Wuxi Brightsky Electronic Co., Ltd.	VDR-100LT
STX Engine Co., Ltd.	VDR STX-5000, S-VDR STX-5000