COPY

NIPPON KAIJI KYOKAI

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

Certificate No. : **24EQ742VT**
Approval No. : **VT429**

THIS IS TO CERTIFY that

MACKAY MARINE CHILE SPA

Las Pimpinelas 1164, Concon, CHILE

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 **14 April 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 **10 July 2024**.

See the conditions for approval on the reverse.

NIPPON KAIJI KYOKAI

M.MRISAWA
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 15 April 2026 and 14 April 2027

Periodical Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Occasional Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Attachment to the certificate No. *24EQ742VT*

Manufacturers / Models

Furuno Electric Co., Ltd.	VR-3000, VR-3000S, VR-5000, VR-7000
Japan Radio Co., Ltd.	JCY-1800, JCY-1850, JCY-1900, JCY-1950
Danelec Marine A/S	DM100, DM200, DM300, DM400, DM500, DM100 G2
Netwave Systems B.V.	NW-6000 VDR, NW-6000 SVDR
Samsung Heavy Industries Co., Ltd.	SVDR, SVDR-N, SVDR-Pro
Simulation Tech Inc. (STI)	VDR 1000, VDR 1000S