NIPPON KAIJI KYOKAI

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

Certificate No. : **26EQ1012VT**
Approval No. : **VT283**

THIS IS TO CERTIFY that

TELNAV TELECOMUNICACOES LTDA

Rua Marataizes, 69, Parque Aeroporto, Macae, Rio de Janeiro, BRAZIL - CEP: 27963-032

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 **12 August 2031**, 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 15 October 2026.

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 13 August 2028 and 12 August 2029

Periodical Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Occasional Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Attachment to the certificate No. *26EQ1012VT*

Manufacturers / Models

Danelec Marine A/S	DM100, DM200, DM300, DM400, DM500, DM100 G2, DM100 G3
Seas Of Solutions (Netwave Systems B.V.)	NW-4000 VDR, NW-4000 SVDR, NW-6000 VDR, NW-6000 SVDR,
Furuno Electric Co., Ltd.	VR-3000, VR-3000S, VR-5000, VR-7000, VR-7000S
Kelvin Hughes Limited	Manta Digital VDR/S-VDR, Manta Neo X-VDR systems
MacGregor Germany GmbH & Co. KG	VDR-G4, VDR-G4e
SAL NAVIGATION AB	VDR/S-VDR F2, S2