



COPY

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

Certificate No. : 22EQ760VT

Approval No. : VT231

THIS IS TO CERTIFY that

**METALOCK BRASIL LTDA
VISCONDE DO RIO BRANCO 22, SANTOS, BRAZIL**

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 **15 March 2026**, 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 **18 October 2022**.

See the conditions for approval on the reverse.

NIPPON KAIJI KYOKAI


Y. Takao
General Manager
Material and Equipment Dept.



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 16 March 2023 and 15 March 2024

<i>Periodical</i>	<i>Date</i>	_____
<i>Assessment</i>	<i>Signature</i>	_____
		<i>Surveyor to NIPPON KAIJI KYOKAI</i>
<i>Occasional</i>	<i>Date</i>	_____
<i>Assessment</i>	<i>Signature</i>	_____
		<i>Surveyor to NIPPON KAIJI KYOKAI</i>



Attachment to the certificate No. 22EQ760VT

Manufacturers / Models

MacGregor Germany GmbH & Co. KG	MER-VDR, MER- SVDR, MER-SVDR-C, VDR G4e
Kelvin Hughes Limited	VDR-AX, MDP-AX, X-VDR
Netwave Systems B.V.	NW6000, NW6000S, VDR-100 G2, VDR-100 G3
Wärtsilä SAM Electronics GmbH	VDR DEBEG 4300, VDR 4330, VDR 4340, VDR 4350, VDR 4360
Samsung Heavy Industries Co., Ltd.	SVDR-Pro, SVDR-3000, SVDR-5000
Beijing Highlander Digital Technology Co., Ltd.	HLD-B2/S2, HLD-VDR600, HLD-SVDR600
AMI Marine (UK) Ltd.	VR2272B VDR/SVDR, X2272 VDR/SVDR, X-Series VDR, X2 VDR
Consilium Marine & Safety AB	VDR-F2, S-VDR-S1
SAL NAVIGATION AB	VDR /S-VDR F1
Qingdao Headway Technology Co., Ltd.	HMT-100 VDR, HMT-100A VDR/S-VDR