NIPPON KAIJI KYOKAI

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

Certificate No. : **26EQ433VT**
Approval No. : **VT087**

THIS IS TO CERTIFY that

AAGE HEMPEL GROUP

Centro de servicio Empresarial Las Marismas, Calle Cabotaje No.16, oficina 104, 11379, Los Barrios, Cadiz, 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 **4 January 2028**, 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 **7 April 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 and applicable subsidiaries 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.

Note: Periodical Assessment was completed on 16 December 2025

Periodical Assessment	*Date*	_____
	Signature	_____
		Surveyor to NIPPON KAIJI KYOKAI
Occasional Assessment	*Date*	_____
	Signature	_____
		Surveyor to NIPPON KAIJI KYOKAI

Manufacturers / Models

AMI Marine (UK) Ltd.	VR2272B VDR/SVDR, X-Series VDR/SVDR
Broadgate	VER3000, VER4000, VER4000-S
Danelec Marine A/S	DM100, DM100-L, DM200, DM300, DM400, DM500, VDR G4, S-VDR G4, VDR G4e, S-VDR G4e, MER-VDR
Furuno Electric Co., Ltd.	VR-3000, VR-3000S, VR-5000, VR-7000, VR-7000S
Qingdao Headway Technology Co., Ltd.	HMT-100 VDR, HMT-S100 S-VDR, HMT-100A VDR, HMT-S100A S-VDR
Beijing Highlander Digital Technology Co., Ltd.	HLD-A2/S, HLD-B2/S2, HLD-VDR600, HLD-SVDR600
Hyundai Heavy Industries Co., Ltd.	HiVDR, HiVDR-E
Japan Radio Co., Ltd.	JCY-1000, JCY-1700, JCY-1700S, JCY-1800, JCY-1850, JCY-1900, JCY-1950
Hensoldt(Kelvin Hughes Limited)	MDP-A3, MDP-A5, VDR-A1, VDR-A12, X-VDR, X-SVDR, Manta Digital VDR/S-VDR
Wärtsilä SAM Electronics GmbH	VDR 4300, VDR 4340, VDR 4350, VDR 4360, VDR 4370, VDR 4380, S-VDR 4330, S-VDR 4350, VDR 100
Samsung Heavy Industries Co., Ltd.	SVDR-OLD, SVDR-N, SVDR-Pro, SVDR-3000
Northrop Grumman Sperry Marine	VoyageMaster I (VDR), VoyageMaster II/III/IV (VDR/S-VDR)

Attachment to the certificate No. *26EQ433VT*

Offices and Subsidiaries / Locations

AAGE Hempel Crame Algeciras	Algeciras, SPAIN
AAGE Hempel Crame La Coruna	La Coruna, SPAIL
AAGE Hempel Crame Barcelona	Barcelona, SPAIN
AAGE Hempel Crame Gijon	Gijon, SPAIN
AAGE Hempel Crame Canary Islands	Las Palmas, SPAIN
AAGE Hempel Crame Santander	Santander, SPAIN
AAGE Hempel Crame Valencia	Valencia, SPAIN
AAGE Hempel Crame Netherlands	Vierpolders, NETHERLANDS
AAGE Hempel Crame Malta	Qormi, MALTA
AAGE Hempel Crame Portugal	Lisbon, PRTUGAL
AAGE Hempel Crame Morocco	Casablanca, MOROCCO
AAGE Hempel Crame Panama	Panama, PANAMA
AAGE Hempel Crame Cyprus	Limassol, CYPRUS
AAGE Hempel Crame Singapore	Singapore, SINGAPORE
AAGE Hempel Crame Greece	Piraeus, GREECE
Marvel Egypt	Cairo, EGYPT