Certificate No: LR26166969TA
Issue Date: 05/05/2026
Expiry Date: 02/03/2030

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Eekels Technology B.V.**
Address	A. Plesmanlaan 2, Kolham, 9615 TH, Netherlands
Place of Production	Eekels Technology B.V. Rijshoutweg 1, Zaandam, 1505 HL, Netherlands
Type	Integrated Alarm, Monitoring and Control System
Description	Integrated Alarm, Monitoring and Control System (AMCS) AMCS consists of a Master I/O Server and a Back-up I/O Server, controlling the remote I/O distributed panels. Main- / Back-up servers and remote I/O panels are equipped with Programmable Electronic System (PES). All the above interconnected via a redundant network. Visualization of the Alarms/ Monitored points/Mimics is by means of (Touch) screens. AMCS is suitable for Unattended Machinery Space (UMS) Notation.
Trade Name	Marine Automation Systems - Yachting (MAS-Yachting)
Application	Marine application for environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register Type Approval Scheme, Test Specification No. 1, July 2024.
Specified Standard	for BNWAS: Manufacturer's Standard IMO Resolution MSC 128(75) (20-05-2002)

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Type Approval Certificate

IEC 62616 EDITION 1.0 2010-02
EMC testing has been carried out in accordance with IACS UR E10 Rev.10 (2024) and EN 60945, EMC aspects only, for installation in bridge and deck zone and general power distribution zone.

Ratings

110 – 230V ac 50/60Hz
24V dc.

Other Conditions

1.Installation of this equipment for marine applications is to be in accordance with current Lloyd's Register Rules and Regulations

2.Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

3.If the specified standards are amended during the validity of this certificate, the product is to be re- approved prior to it being supplied to vessels to which the amended standards apply.

4.The system has not been assessed for compliance with IACS UR E27.If the system is intended for installation on ships to which IACS UR E27 applies (e.g. ships constructed on or after the applicable UR E27 enforcement date), separate review and certification by Lloyd's Register will be required.

5.This Type Approval applies only to the system configuration comprising the equipment identified in the document "AMCS Hardware list 2026-02-06", as referenced in Design Appraisal Document TSO-25-030570-E-01.
Only the equipment listed therein is considered part of the approved scope.
Any change to the approved hardware configuration shall be subject to Lloyd's Register review and, where applicable, re-approval.

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Type Approval Certificate

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2002510TA-01

The Design Appraisal Document TSO-25-030570-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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