Certificate No: LR26240975TA
Issue Date: 27/05/2026
Expiry Date: 22/01/2030

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	**Honeywell Marine**
Address	26-28 Avenue de Winchester, Saint Germain en Laye, 78100, France
Place of Production	Honeywell (Tianjin) Limited No.158, Nanhai Road, TEDA, Tianjin, 300457, China
Type	Recording And Indicating Instruments
Description	TYPE: EMx40 System, Comprising: - EM 540 Radar Level Transmitter, version 1 - T901-P Temperature/Pressure Transmitter - T901-P01TA - TA 3840 S - Safety Unit - TA 3840 C – Communication Unit - TA 3840 R – Repeater Unit - LOG 3840 – Local Indicator - EM 940 Radar Level Transmitter - EM 540 Radar Level Transmitter, version 3 - EM 940V2 Radar Level Transmitter - EM 540V4 Radar Level Transmitter - IS-POWER M1 IIB and IIC Power supply unit
Trade Name	Cargo Gauging System
Application	Marine, Offshore and Industrial Appliances

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Stavroula Kofopoulou

Electrical & Control - Senior Specialist to
Hellenic Lloyd's SA
A member of the Lloyd's Register group

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Greece

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Specified Standard

Environmental Categories ENV1, ENV2 for Safety Module Units, Environmental Categories ENV1, ENV2, ENV3 and ENV5 for Transmitters and Environmental Categories ENV1, ENV2, ENV3 for Power Supply unit as defined in LR Type Approval System, Test Specification No. 1 – July 2024

Other Conditions

Cold temperature test was performed on 'IS-POWER M1 IIB and IIC Power supply unit' in accordance with 'IACS UR E10 Rev 9 Aug 2023' i.e. Temperature: -25°C ± 3°C, Duration: 2 hours.

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

This certificate excludes compliance with the cyber resilience requirements under LR Rules implementing IACS URE27, as the manufacturer stated that it does not serve ship functions the failure of which could immediately lead to dangerous or catastrophic situations for human safety, safety of the ship and/or threat to the environment. However, any such functional implementation or any interconnection between this equipment and equipment that is in scope of the LR Rules requires further assessment to determine the need for compliance.

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.

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 Hellenic Lloyd's SA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2563137TA, LR2563137TA-02

The Design Appraisal Document LR26240975DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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