



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 **Kongsberg Maritime AS**

Address Skonnertvegen 1, Ranheim, 7053, Norway

Type Monitoring System

Description Kongsberg Condition Monitoring System

Trade Name K-CMS

Application Marine and Offshore applications
Manufacturer's specification

Specified Standard IACS UR E27 Rev. 1 / 2023 and Part 6, Chapter 1, Section 2.16 Rules and
Regulations (July 2025)

Ratings The K-CMS consist of following devices:

Computer MC360, K-CMS 2.0 (K-IMS Connect) - Lenovo	[TAA000038U]
HSIO-100-A, HSIO-100-B - Kongsberg	[LR25341606TA]
Networkswitch EDS-405A, EDS-408A - Moxa	[LR24123965TA]
Serial converter MGate MB3170/3270 - Moxa	[TAA000006T]

Thomas Milow

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

71 Fenchurch Street, London, EC3M 4BS, United
Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Type Approval Certificate

Software Version:

Kongsberg Condition Monitoring System (K-CMS) CMA Software 2.31.x

Other Conditions

This Type Approval Certificate does not cover the requirements of Part 5, Chapter 21 (Requirements for Condition Monitoring and Condition- Based Maintenance Systems).

For this, the project-specific documentation according to Part 5, Chapter 21, Section 1.2 has to be submitted for planning approval.

Compliance with IACS UR E27 Rev. 1/ 2023 and/or Part 6, Chapter 1, Section 2.16 Rules and Regulations (July 2025):

- The compliance with the requirements above is issued with the limitation that the directly connected networks are “trust networks” (according to the definition IEC 62443-3-3 Item 3.1.45).
- It is further issued on the understanding that all connections are wired. Any radiocommunication (e.g. Bluetooth, WiFi etc.) are excluded.

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.

The Design Appraisal Document TSO/24-024556-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.