

APPROVAL OF SERVICE SUPPLIERS

Certificate No:
AOSS0000BYB
Revision No:
3

This is to certify that

Kongsberg Maritime Finland OY

Rauma, Finland

is granted acceptance for

Condition monitoring and condition based maintenance , in accordance with Class Programme DNV-CP-0641.

This service supplier certificate will be accepted for use with all rule sets published by DNV.
See the following page(s) for details regarding application.

This Certificate is valid from **2022-09-23** to (inclusive) **2025-09-22**.

This Certificate is issued on **2022-10-31**.



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signatures

Håland, Joar
Surveyor

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Application:

The supplier is approved for service level **CM supplier** with the following service elements:

Service element	Primary monitoring method	Secondary monitoring method
Vibration analysis	X ¹	
Oil analysis (field lubricant analysis)		X ²
Inspection and testing		X ³

Notes:

- 1) Enhanced capabilities (ISO CAT.IV Expert vibration analyst)
- 2) Including methods for online monitoring of oil particles and water content
- 3) Visual inspection of gears and bearings using borescope (Videoscope inspection)

Remarks:

The supplier is approved for providing condition monitoring (CM) services for machinery and equipment, using CM methods as specified (Service elements), qualified personnel and appropriate procedures for work performance, quality assurance and reporting.

Personnel performing standard measurement techniques and analysis on collected data shall be qualified to the appropriate level for their scope of work in accordance with relevant technical parts of ISO 18436.