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Job description – Chief Engineer

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1 Training and certification requirements

The training and certification requirements for the Chief Engineer are specified in the Crew Qualification Matrix [PR707](#).

2 The Chief Engineer’s assigned duties and responsibilities

1. Responsible for the operation and maintenance of the vessel’s engines and associated equipment.
2. The Chief Engineer is the Fire Chief and overall responsible for the vessel’s fire safety and fire equipment.
3. Responsible for the maintenance and documentation in the vessel’s Planned Maintenance System (PMS) regarding but not limited to the following jobs:
 - Classification work "PMS"
 - Main Engine including gear and propellers
 - Boiler system
 - Steam system
 - Electrical system
 - E0/AUT UMS system
 - Cargo oil pump system
 - Deck machinery
 - Ventilation system incl. air-conditioning and refrigeration systems
 - Inert gas and N2 system, if installed onboard
 - **Main Engine performance tests as per schedule in the maintenance system**
 - Fill in all entries in the Oil Record Book
 - Weekly routine of safety equipment - tests, inspections and exercises to be followed and recorded accordingly
 - Take lubricating oil samples as per schedule in the maintenance system
 - Appointed the Responsible IHM officer onboard
4. Responsible for creating a risk assessment and communicating with the Company before any planned shutdown of critical equipment due to maintenance.
5. Responsible for carrying out inspections, tests and exercises according to [PR030](#).
6. Responsible for all in/out-going orders.
7. The Chief Engineer is responsible for ensuring that the engine team’s work- and rest hours and Engine Room duties during port transits/operations are planned to comply with rest hour regulations as well as optimising the available work force. Special attention for work planning needs to be paid when scheduling tasks outside of normal (daytime) work hours.
8. Under regular circumstances, the Chief Engineer mans the ECR during transits however may delegate the arrival/departure to an experienced 2nd or 3rd engineer. Additional manpower may be called upon during transits if required by the prevailing conditions.
9. Each crewmember is responsible to complete the daily rest- and work hours in SeaManager.
10. The Chief Engineer is responsible for ensuring that all personnel receive familiarisation and training with regards to the use and operation of the vessel's fire-fighting equipment.

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3 Duties and responsibilities essential to safety at sea and environmental protection

1. Duties in accordance with the vessel's Muster Lists.
2. Duties according to the SMPEP or SOPEP.
3. Promote the concept of Furetank safety and environmental excellence.

4 Company-specific training and education for the position

1. Introduction, training and education onboard prior to taking up the position, covering a period of 3-7 days as an extra member of the crew.
2. Introduction to and training in the vessel's Safety Management System utilising Furetank's Familiarisation forms as defined in [FM036](#).
3. Authorisation from classification society or Furetank's Technical Manager to carry out and sign Class related jobs onboard (ref. [PR030](#)).

5 Authorisation

To make purchases up to SEK 10,000 for the vessel without first having to consult with the Company.