

ONBOARD CREW MANAGEMENT

JOB TITLE/RANK	Second Engineer Officer/1st Assistant Engineer Officer
DEPARTMENT	Engine
RESPONSIBLE TO	Chief Engineer

It is recognized that certain nationalities of crews are accustomed to different duties compared to other nationalities (For example officers responsible for the maintenance of safety and lifesaving equipment). Accordingly, the Master has the authority to change the tasks as he sees fit in agreement with the Ship Management Office.

In addition, the Master has the authority to allocate any reasonable task or duties that may be required for the safe and efficient operation of the ship.

MAIN PURPOSE OF THE JOB:

Responsible to the Chief Engineer for ensuring that Engine Room operations are conducted as per the requirements of the Technical procedures and other applicable safety & security procedures contained within the SMS. In-charge for implementation of safe working practices within the Engine Dept as a member of the Shipboard Management Team.

The Second Engineer deputizes for the Chief Engineer in the event of his absence, accident or illness. In such a case, a Log Book entry must be made.

KEY TASKS AND RESPONSIBILITIES:

The Second Engineer is responsible to the Chief Engineer for:

- Preparation of the main propulsion and other Engine Room plant for sea
- Effective and efficient day-to-day operations of the main propulsion and other Engine Room plant
- Organization and supervision of the Engine Room watch keepers/UMS duty engineers
- Organization and supervision of the Engine Department Ratings and other department staff
- Efficient operation of all emergency equipment. Testing of all emergency equipment including equipment not kept in machinery spaces e.g. Emergency Generator, Emergency Fire Pump, Lifeboat Engines, Fire Flaps, Emergency Stops, and Fuel Tank Valve Trips.
- Adopting safe working practices onboard
- Taking all necessary steps to ensure protection of the environment
- Maintenance of the main propulsion and auxiliary machinery, cargo handling and deck machinery
- Maintenance of the machinery spaces, internal steelwork surfaces including general cleanliness

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- Fully participating in the Shipboard SMS Management meetings
- Ensuring complete familiarization with all control piping systems and valves, and electrical systems, so that in emergencies essential services can be restored quickly and safely
- Ensuring that a competent Engineer tests the water of all boilers and feed systems daily. In the event of an indication of contamination ensure brought immediately to the attention of Chief Engineer. Ensure that all test readings are recorded in the Engine Log Book and the Treatment Report Forms or Computer software provided
- Advising the Chief Engineer of spare gear requirements and maintenance of the stock levels and reporting system
- Ensuring that Security measures are implemented within the Engine Room spaces as directed by the Master/ Ship Security Officer
- Assisting the Chief Engineer in coaching and training Engine Department junior officers and ratings
- Understudying the Chief Engineer whenever a suitable opportunity arises
- Undertaking any other tasks, duties as instructed by the Chief Engineer.

PERSONAL BEHAVIOURS & QUALITIES.

The job requires:

- Good leadership skills; in particular the ability to gain respect, to motivate and to set a positive example
- Good managerial skills; in particular the ability to make apposite contribution to team working which takes account of the different National cultures onboard
- Good problem solving skills
- Good communication skills
- Ability to remain calm and focused at all times, in particular during emergency and/or difficult situations