

TRINITY HOUSE
JOB DESCRIPTION

Job Title:	Second Engineer Officer
Reporting to:	Chief Engineer Officer
Post No:	9013 - 9016
Directorate:	Operations
Location:	SVS

PURPOSE OF JOB

To manage the effective day-to-day operation and maintenance of the Vessels main propelling machinery and auxiliary plant in conjunction with the Electrical Officer (ETO/EEO). To actively support the Chief Engineer in the safe, efficient and effective, running of that plant with due considerations to Vessel operations and environmental impact. To act as the Chief Engineers in his absence as per technical competency framework. To carry out the duties of Ship Safety and Environmental Officer and deputies as Ship Security Officer.

MAIN ACTIVITIES AND RESPONSIBILITIES

1. Shipboard Machinery Systems

- Be responsible for the day to day planned, predictive and breakdown maintenance of all mechanical equipment to the requirements of Lloyds Classification Society rules and Flag State Legislation together with service requirements and machinery specific manuals.
- To adhere closely with the planned preventative maintenance system, issuing work orders for his position and those within directly responsibility. Ensuring the onboard inventory of spares is kept within required limits and to initiate actions to replenish within a timely period.
- A comprehensive knowledge of the vessels pipe work systems including, fuelling/bunkering, sludge, sewage and hotel systems. Responsible (in conjunction with the Chief Engineer) for receiving and transferring fuel/lube oil and for sludge transfer procedures.
- Inform the Chief Engineer of daily progress and any issues of concern.

2. Dry dock & Self Refit

- To actively assist the Chief Engineer in the preparation and progress of work required for build, and projects such as dry dock, self-refit periods, upgrades and prospective Lloyds Classification Society and Flag State Legislator inspections.
- Standing by vessel during periods of build and projects such as dry dock, self-refit, upgrades and surveys working alongside the Project Manager from Marine Operations.
- Informing the Chief Engineer of daily progress and issues of concern.
- Take an active role within the process, managing the SVS Engineering Team.

3. MMIS

- Operation of the planned preventative maintenance system, daily upkeep of job orders, issuing work.
- Initiating (in conjunction with the Chief Engineer) procurement from the system.
- Take an active role in the development of the planned preventative maintenance system within his area of responsibility.

4. Management

- Member of the Vessels Senior Management Team.
- Responsible for the daily activities of the engineering team.
- To "On Site" manage contractors within his area of responsibility.
- Responsible (in conjunction with the Chief Engineer) to prepare Budget Bids and monthly reports.

5. Health and Safety

- In conjunction with the Chief Engineer and Electrical Officer (ETO/EEO), responsible for the procedures for emergency response, including internal, ISM (code) and local authority requirements as applicable.
 - To carry out the position of Ship Safety and Environmental Officer reporting directly to the Captain.
 - Responsible for the correct operation and maintenance of fixed Fire Fighting systems for machinery spaces and other areas of the ship covered by similar installations.
 - Safe procedures for operations within the main machinery space and auxiliary machinery throughout the Vessel, including implementing statutory regulations, official publications and manufacturer's guidelines.
 - Awareness of Trinity House Environmental and Safety Policies and responsible with the Chief Engineer for pollution control and it's associated equipment;
 - Adhere to stated policies and procedures relating to health, safety, and environmental and quality management.
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SCOPE

- Member of the Ship's Technical Team Reporting to the Chief Engineer Officer;
 - Responsibility through the Chief Engineer for the maintenance of mechanical machinery and electrical machinery with Electrical Officer (ETO/EEO);
 - Manager of the Engine Room Team;
 - Works closely with the Electrical Officer (ETO/EEO);
 - Works with the Shore Technical Management Team within Marine Operations;
 - Ability to work with Internal and External Stakeholders.
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TECHNICAL SKILLS

These will form a key part of your Technical Skills within the Performance Management process

- Chief Engineers Certificate of Competency Motor ships only or Motor & Steam, (III/2), or (III/3, <9000kW)
 - Second Engineers Certificate of Competency Motor ships only or Motor & Steam (III/2)
 - Knowledge of Diesel Electric Propulsion Systems;
 - Ship Health and Safety Officer. Well developed IT skills;
 - A working knowledge of Budgetary Procedures;
 - Working with Maintenance Information Systems;
 - A Working knowledge of IMO, SOLAS, MED, ISM, ISPS, STCW / MLC Codes;
 - Good written communication skills, including report writing;
 - DP Maintenance desirable although not essential
 - A current ENG 1 Medical Certificate.
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BEHAVIOURAL SKILLS

1	Planning and Organising	Level C
2	Judgement & Decision Making	Level C
3	Interpersonal & Communication	Level C
4	Team Working and Co-operation	Level C
5	Professionalism	Level C
6	Creativity and Flexibility	Level C

ADDITIONAL TRINITY HOUSE REQUIREMENTS

- Proficiency in Medical First Aid (or equivalent)
- Personal Survival Techniques (periodic)
- Fire fighting Advanced (periodic)
- Shipboard Safety Officer
- QA Internal Auditor
- ISM Introduction
- Welding Appreciation
- Electrical Engineering course (Diesel Electric Propulsion - Vessel Specific)
- Ship Security Officer
- Human Element Leadership Management
- Lifting Gear (valid)
- Working at Heights (periodic)
- Dynamic Positioning Maintenance
- High Voltage Course (as nominated)
- Heli Fuel Management