

TRINITY HOUSE

JOB DESCRIPTION

Job Title:	Electrical Engineering Officer / Electro Technical Officer (ETO)
Reporting to:	Chief Engineer
Post No:	9093 & 9094
Directorate:	Operations
Location:	SVS

PURPOSE OF JOB

To manage the effective day-to-day operation and maintenance of the vessels electrical power and distribution system, bridge systems, hotel systems and all electrical safety systems in conjunction with the Second Engineer, answerable to the Chief Engineer.

To actively support the Technical Team in the safe, efficient and effective, running of that plant with due considerations to Vessel operations and environmental impact.

To be the focal point in the electrical and electronics maintenance and fault finding for "on station" servicing of major floating aids (MFA) and buoys

MAIN ACTIVITIES AND RESPONSIBILITIES

1. Shipboard Systems

- Be responsible for the day to day planned, predictive and breakdown maintenance of electrical and electronic plant and equipment within TH Vessels to the requirements of Lloyds Classification Society rules and Flag State Legislation together with service requirements and equipment specific manuals.
- To adhere closely with the planned preventative maintenance system, issuing work orders for his position. 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 vessels power generation, distribution system, power management system, propulsion system, auxiliary systems including hotel services and all aspects of bridge integrated systems including survey equipment.
- Responsible for communication equipment maintenance and vessel security systems.
- To act as the Vessel IT manager.

2. DD&R/Self Re-fit

- To actively assist the Chief Engineer in the preparation and progress 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. Aids to Navigation

- Responsible to the Chief Engineer to carry out all aspects of "on station" servicing and maintenance of MFA and buoys.
- Responsible for correct outfit of spares to be carried aboard TH Vessels to support these aids to navigation.
- Responsible for service reports to be compiled and submitted in a timely manner with the in-house MMIS systems.

5. Management

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

6. Health and Safety

- In conjunction with the Chief Engineer and Second Engineer, responsible for carrying out emergency response, including internal, ISM (code) and local authority requirements as applicable.
 - Be conversant with 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 correct disposal of waste electrical items.
 - Adhere to stated policies and procedures relating to health, safety, and environmental and quality management.
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TECHNICAL SKILLS

- HND Marine Engineering or HND Electrical Engineering / Electrical and Electronic Engineering / NVQ Level 3 in Merchant Vessel Engineering or equivalent level,
- GMDSS Radio Maintenance Certificate;
- Electronic Navigation Equipment Maintenance Certificate;
- Watch keeping Senior Electro Technical Officer Certificate of Competency (III/6)
- Watch keeping Electro Technical Officer Certificate of Competency (III/6)
- Watchkeeping Engineer Officers Certificate of Competency (III/I) desirable although not essential;
- DP Maintenance desirable although not essential; Approved High Voltage training;
- Valid DfT ENG 1 medical certificate.

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)
- QA Internal Auditor
- ISM Introduction
- Welding Appreciation
- Human Element Leadership Operational
- Lifting Gear (valid)
- Working at Heights (periodic)
- Dynamic Positioning Maintenance
- High Voltage Course (as nominated)