



Orkney Ferries

Job Title	Engineer – Ship and Shore
Location	Shore Street, Kirkwall
Reporting To	Senior Technical Superintendent
Grade	Grade 7, Grade 9A & Grade 9 (depending on qualifications and experience)

Job Purpose

To be a relief Engineer part time and act as a Deputy Technical Superintendent attached to the Ferry Services Technical Team, when not required at sea with the Fleet.

Shore based: To assist the Technical Superintendent to provide suitable technical shore based support and resources to Engineers and other engineering sea staff on all Orkney Ferries Vessels. Assist with the implementation and maintenance of the ISM and PMSC's Safety Management Systems, in areas related to engineering systems. Line Manage the Engineers on routine and operational matters.

Sea based: To be certificated as required to the level required for the Engineers post on a Vessel specific to the Fleet, which is UK mainland registered. To be in charge of the Vessels entire machinery and machinery spaces. To be responsible for the safe operation, upkeep and maintenance of the Vessel and be part of the crew with responsibility to the Master.

Job Specific Duties and Responsibilities

The shore based duty will be responsible to the Senior Technical Superintendent for any of the following duties as allocated by the Senior Technical Superintendent:

- Assist to ensure that the plant machinery and electrical systems on all vessels are maintained to the highest standard of safety and operation meeting manufacturer's recommendations where applicable and the minimisation of downtime.
- Give timely advice on the status of vessels, plant and machinery and shore based mechanical infrastructure and the potential effect on the provision of service.
- To provide support to the Technical Superintendent in arranging for Classification surveys to be undertaken in a timely manner and liaise with Class, Flag State and other surveyors as required. Ensure that vessels and machinery are maintained to Classification requirements and that statutory requirements regarding plant and machinery are complied with.
- To implement planned maintenance systems for all marine craft and ensure that the planned maintenance systems are adhered to. Ensure that the performance of machinery and plant is monitored and that defects are reported and rectified in a timely manner and as required by the applicable SMS system.
- To participate in an out of normal office hours call out system, and be available for emergency or operational situations regarding all vessels, terminals, systems and marine related incidents as required by the Service Manager (Ferry Operations).
- Take an active part in the recruitment, selection and regular appraisal of engineering staff including the interview of said staff. Ensure that engineering sea staff carry out their duties with respect to the responsibilities of the department.

- Preparing specifications (for approval) for the refit of vessels, obtaining tenders evaluate and report. Attend at refits of vessels.
- Oversee and liaise with shore contractors where appropriate. Ordering or reviewing the ordering of spares and stores as required.
- Assisting with the monitoring of costs and preparation of the annual budgets.
- Assisting in hull and machinery insurance claims or other insurance matters of a technical nature.
- Fulfilling the requirements of and assisting with reviewing, updating, implementing and the maintenance of the Safety Management Systems including auditing and ship inspection.
- Assisting with the specification, building, trials, and commissioning of new vessels as required by the Service Manager (Ferry Operations).
- Attend meetings and represent Orkney Ferries in and out of Orkney as required by the Service Manager (Ferry Operations).
- To solve problems, appraise situations and carry out any necessary actions, without continual reference to senior managers.
- To develop maintenance records and systems for the existing fleet and any new Vessels.
- To work on own initiative and independent of daily senior manager input, in order to keep the operations and service provided by the Service at a high standard.
- To deputise for the Senior Technical Superintendent and Technical Superintendent in their absence.

The Sea based duty will be responsible to the Master for:

- The safe and efficient operation of all machinery aboard the vessel.
- Ensuring that the company's maintenance requirements are adhered to.
- Maintaining sufficient fuel lubes and spares on board as is operationally required.
- Personally supervising the safe and efficient loading and transferring of bunkers.
- Assisting with the preparation of dry-docking specifications, and with the supervision of repairs and structural alterations.
- The control of all engine plans and instruction manuals and ensuring all are kept up to date.
- The completion of the Oil Record Book (Part 1) as per the instructions contained in the book.
- Completion of the company's maintenance forms and forwarding to the Superintendent as per procedures.
- The daily inspection of the machinery on-board. The Engineer is to sign the Engine Room Log Book daily to show that the inspections have been undertaken.
- The testing of all emergency stand-by machinery and recording such tests in the Engine Room Log Book.
- The monitoring of all environmental protection systems and completion of records as required by statute or the Company.

To retain current familiarity with the role of Engineer on all towage Vessels.

General Duties and Responsibilities

Working Environment

The Post holder will be based on a ship board working environment and be expected to work in operating machinery spaces or in dockyard situations where heavy engineering operations are

taking place in the immediate area. The post holder will be expected to inspect very confined spaces with awkward access.

When shore based there will be a significant amount of time spent indoors but the post holder will also be required to attend the Vessels in Port.

Communication

The post holder will be required to deal with service users, external agencies, elected members, senior management and internal staff. At sea the post holder must communicate effectively with other crew members, the Master and Management ashore.

Responsibility for Employees

Supervision and co-ordination of staff, employee review and development and responsible for applying the Council's personnel policies, procedures and practice.

Financial Resources

Authorising orders and invoices from an agreed budget. Contributing to setting and monitoring budgets and being accountable for monitoring expenditure.

Information Systems

The post holder will be required to use a range of computer packages, including Microsoft Office, CAD viewing and database systems.

Significant/Regular demands associated with the Role			
Task	Relevant (please tick) ✓	Task	Relevant (please tick) ✓
Driving (Car/Van)		Exposure to Excessive noise	✓
Driving (HGV/PCV)		Use of vibrating tools	
Display screen use	✓	Contact with skin irritants	
Food handling		Contact with lung irritants	
Lone working		Work involving strenuous effort	
Shift working		Working at height	
Night working		Working in static and/or awkward positions	
Working with people requiring physical assistance		Working in confined spaces	
Working with people with challenging behaviour		Sea going post	✓
Working with vulnerable adults		Wearing breathing apparatus	
Working with children		Working near traffic	
Administration of prescribed medication		Other (please specify)	

Employee Acceptance of Job Description	
Signature: _____	Date: _____

PERSON SPECIFICATION

Post Title	Engineer – Ship and Shore		
Factor	Criteria	Essential / Desirable	How Assessed
Experience	<p>Previous experience in an Engineering position at sea</p> <p>Experience of working with safety management systems, including updating and ensuring compliance.</p> <p>Experience with ships' certification and classification society rules.</p> <p>Previous experience in a Marine Management role.</p> <p>Experience of Vessel and/ or machinery survey.</p> <p>Engineering background in boat building or repair.</p> <p>Industrial Low and Medium voltage installation and maintenance.</p> <p>Marine or Industrial Hydraulic systems maintenance and repairs.</p> <p>PLC systems maintenance and repairs.</p> <p>Report writing</p>	<p>Essential</p> <p>Essential</p> <p>Essential</p> <p>Desirable</p> <p>Desirable</p> <p>Desirable</p> <p>Desirable</p> <p>Desirable</p> <p>Desirable</p> <p>Desirable</p>	<p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p> <p>Application/ interview</p>
Knowledge	<p>STCW III/2 Chief Engineer up to 9000kw/ near coastal area, or further advanced</p> <p>Or</p> <p>STCW III/2 (or 3) Second Engineer up to 6000Kw/ near costal</p> <p>Or</p> <p>STCW III/1 Engineer Officers of the Watch unrestricted.</p> <p>Current ENG 1 medical.</p> <p>Higher National Diploma or equivalent in mechanical engineering or similar subject.</p> <p>STCW short course certificates.</p> <p>Management qualification and work ashore in a senior marine related role.</p>	<p>Essential</p> <p>Essential</p> <p>Desirable</p> <p>Desirable</p> <p>Desirable</p> <p>Desirable</p>	<p>Application</p> <p>Application</p> <p>Application/ interview</p> <p>Application/ interview</p>

	Autocad and/or maintenance management systems experience or qualification.	Desirable	Application/ interview
	Training in IT skills especially MS Office.	Desirable	Application/ interview
	Safety management qualification	Desirable	Application/ interview
Other Requirements	Ability to travel efficiently and effectively between various work locations within Orkney to meet the operational requirements of the Service.	Essential	Screening question