

JOB PROFILE

Post Title: Engineer – Ferries (Fivla, Geira, Hendra, Leirna, Snolda)

Under the direction of the Master or person(s) authorised by the Master, the Ferry Engineer will perform the following engineering shipboard tasks singularly or with other crew :-

- Ensuring the safe, efficient and cost effective operation of main propulsion and auxiliary machinery.
- Keeping the Master of the vessel fully informed as to the condition, maintenance, replacement and state of readiness of all machinery, electrical and propulsion equipment on board, especially where it may affect the safe and scheduled operation.
- Ensuring that the vessel's equipment, machinery and electrical systems are maintained in good working order.
- Ensuring that the vessel's machinery spaces and shore side facilities are kept in a clean and safe condition.
- The regular testing of machinery systems and the recording of such tests on form CHK2a.
- Operate, to Master's orders, on a manual basis, main or auxiliary engine system(s) in the event of an automation or instrument failure until the vessel is anchored, moored or otherwise brought to safety for the passengers, crew and ship.
- The formulation and administration of an appropriate planned maintenance programme, in consultation with the Engineer Superintendent and implementation of such, including the recording and progression of maintenance, repairs and defects.
- The checking of relevant aspects of survey, test, and inspection certificates and the compilation and submission of survey lists and dry-dock specifications.
- Ensuring that shore contractors and sub-contractors working on board complete work to a proper standard and that a record is kept of such work, including time worked and numbers of personnel involved. If unsatisfactory or sub standard work is performed, the Engineer Superintendent must be informed.
- Ensuring that personnel under their control have a proper understanding of the safe operation of equipment, machinery and electrical systems they are required to use in the course of their duties.
- Ensuring that workers under their control have a proper understanding of the contents of applicable risk assessments and that appropriate personal protective equipment is used.
- The implementation of safe working practices in accordance with the Code of Safe Working Practices and Fleet Regulations.
- Administer first aid as required.

- Supervising fuelling operations and ensuring that all personnel involved in fuelling operations are competent and properly trained. Ensuring that fuelling equipment such as hoses, couplings and emergency stops are in good order before use so as to minimise risk of pollution.
- Monitors condition and levels of fuel in reserve tanks, settling tanks, and bunker tanks. Monitors lubricating oils, greases, filters and related stores. Orders, with knowledge/authority of the Master, sufficiency of bunkers, lubricants, and spares to maintain schedules/charter voyages.
- Ensuring that the Oil Record Book and relevant Log Books are properly kept, up to date and signed where appropriate.
- In co-operation with the Engineer Superintendent, ensuring that sufficient and appropriate spare parts and stores are kept on board so as to minimise possible delays to the vessel.
- Ensuring that machinery spaces are regularly inspected during operation and are maintained in a safe and clean condition at all times. Ensuring that daily checks are made of machinery space and fuel tank soundings. Where approved remote tank level indicating systems are fitted, these may be used as a daily check, however a manual check should be made once per week, where possible.
- Supervise crew (to Master's orders) in shore ramp or link-span operation and stand-by system. Perform routine maintenance on systems including greasing, oil levels and electrical controls. Ensure all shore side visual inspections are carried out on a daily basis
- Supervise crew (to Master's instructions) in the operation and routine maintenance of all LSA & FFA and in the prudent operation and upkeep of all deck machinery.
- The Engineer will be responsible whilst on shift for communicating and liaising with all contractors, sub-contractors, dry-dock staff, MCA / H&S and other regulatory bodies representatives on issues affecting the vessel or shore facilities.
- Liaison with the vessel's Mate with respect to:
 - o Vessel maintenance, inspection & defects
 - o MOD1 forms
 - o Safety equipment and housekeeping
 - o Management & supervision of Deckhands
 - o Testing of critical ship systems and equipment
 - o Loading of fuel, stores, fresh water, etc and the discharge of waste oil and sewage
 - o Planning & conduct of Drills and on-board training
- Engineers must hold a valid ENG1 certificate allowing for all the above duties with particular reference to working on colour coded cables, pipework and alarms systems, an ability to hear and differentiate between different audible alarms and also all emergency duties.
- Engineer must be able to attend and assist in repairs and maintenance to vessels during docking periods.
- From time to time, the Council may require the post holder to undertake duties outside those specified.

PERSON SPECIFICATION

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This person specification describes the values and attributes of a suitable candidate for our role. Through the recruitment and selection process we shall be looking for evidence that you understand, share and can demonstrate our values and possess the essential attributes.

Our Values

In Shetland Islands Council, **excellent service** is at the heart of everything we do. We provide **excellent service** by **taking personal responsibility** and **working well together**. We demonstrate this by;

1. Providing an excellent level of service, by making sure we understand, meet and manage our service users' needs.
2. Having a positive attitude and taking our responsibilities as employees of the council seriously. Working in an open and honest way, reflecting on our performance and looking for opportunities to improve and develop.
3. Demonstrating a positive attitude by being open-minded, fair, respectful, trustworthy and honest.

For more detailed information on the Council's values, please visit the Shetland Islands Council's website and search for 'Our Values'.

Additional post specific attributes are set out below;

	Essential	Desirable
Training / Qualifications	MEOL or STCW Reg III/1 OOW Proficiency in survival craft and rescue boats (STCW A-VI/2-1) or equivalent. Advanced Fire Fighting Course	Mechanical or electrical qualification equivalent, to or above SVQ3 level Proficiency in fast rescue boats (STCW A-VI2-2).
Previous Experience	Must have six months engine room watch-keeping (post qualification), on vessels propulsion machinery of no less than 350kw.	

	Essential	Desirable
Skills/Ability/Knowledge	Must be able to fully liaise with senior engineer, crew and other engineers and engineering management on day-to-day running and maintenance of vessel. Must be able to fully co-operate with management in all aspects of duties. Must be able to undertake training courses, refresher courses as deemed necessary by management. Must be able to pass a type rating exam within 5 days of initial familiarisation on chosen vessel.	
Other Requirements	Valid ENG1 medical certificate	
Allowances: Distant Islands Allowance, Callout Evaluated Grade: I Date of Evaluation: 04/11/2009	PVG Membership: - Disclosure Check: - Date of Last Amendment: 29/05/2025	