

Job Title: Vessel Chief Engineer

Job Purpose:

The Vessel Chief Engineer is responsible for the safe and cost effective management of the vessel's plant and machinery, and must ensure that all measures are taken to prevent the pollution of the marine environment.

Where appropriate they are responsible for ensuring that the Marine Dive System Technicians maintain and operate their respective systems in accordance with the relevant manufacturers' recommendations and the requirements of the relevant legislation.

They are responsible for any modifications to the marine systems once approved and for deciding whether such modifications need to be referred to the certifying authorities for further approval so as to ensure that the system retains its certification / classification.

Shall ensure that the vessel retains its certification / Class status by ensuring that the Class surveys are undertaken before their final due date. Where surveys cannot be undertaken for operational or other reasons they shall ensure that the Asset Manager / Vessel Superintendent are made aware in good time.

The Vessel Chief Engineer may delegate specific duties to officers under their command; however, those duties are to be documented.

Reporting lines and interactions:

Hierarchically reports to: Vessel Superintendent

Operationally reports to: Vessel Master (* Except where transferred to Company Representative)

Directly supervises: Marine Engineering department

Key interactions
(internally, externally): Technip Singapore PTE Ltd (internally)

Job Scope (budget, management, specific criteria):

It is the Vessel Chief Engineers responsibility to ensure that either:

- Class surveys are undertaken before their final due date or,
- Where surveys cannot be undertaken for operational or other reasons that the Vessel Superintendent is made aware in good time
- Shall issue Standing Orders to ensure safe and efficient operation of plant and equipment
- Responsible for the hull / structure, tanks, etc., of the vessel and for the safe and efficient operation of all plant and machinery, permanently installed, on the vessel.
- Responsible for temporary plant, fitted for specific tasks, by TechnipFMC, i.e. Air Dive stations, hydraulic power packs for subsea work, etc. They are to ensure that all relevant certification is placed on board the vessel at the aforementioned mobilisation port
- Responsible for the management of all maintenance tasks, the planned maintenance system and unscheduled repairs that may be necessary on vessel plant and machinery

- Must be familiar with the vessel's plant and machinery and shall ensure that the Engineering staff are adequately trained in their safe operation and maintenance (will be assisted in this training role by Company Technical Representative where appointed). Will ensure that they have knowledge of safety requirements, including work permit systems, operational and emergency procedures, Company policy and instructions, and will ensure that the vessel's Engineering staff are aware of, and understand them
- Responsible for maintaining accurate records, which should be readily retrievable, and conform to the Asset Operations department Filing Index. Shall ensure that all manuals and drawings are kept up to date
- Responsible for ordering stores and spare gear and maintaining sufficient onboard stock levels, to ensure that the vessel's operational capabilities and safety are not jeopardised
- Responsible for the supervision of the Engineering staff. Ensuring that all work and activities under their control do not contravene applicable rules and regulations, and department discipline. They shall ensure that Engineering staff are adequately familiarised with their functions in accordance with STCW95 requirements
- Shall assist the OneFleet Project Manager in the planning of dry-dockings, major repairs, modifications and surveys and will keep the Asset Manager / Vessel Superintendent fully informed of vessel status and all notifiable occurrences
- May be appointed by the Vessel Master as the Responsible Person to be in charge of a specific area of authorisation and take responsibility for ensuring that the requirements of the company safe system of work (ISSOW) are complied with. Persons deputising for absent authorised persons must be formally trained and appointed by the vessel Master before they may undertake the appropriate role.
- May be appointed by the Vessel Master, in line with the ISSOW, as the Person Made Aware whom the permit issuing authorities shall inform before issuing permits as required.
- Within their department they are responsible for ensuring that the rules laid down by Class rules for safety, environmental protection and the International Management Code for the Safe Operation of Ships and Pollution Prevention (ISM) are strictly adhered to
- They (or a nominated deputy) shall personally ensure that all preventative measures are taken when bunkering in port or offshore
- With the Vessel Master, shall jointly review compliance with BS EN ISO 9001: 1994 and International Safety Management Code (ISM), and document the findings on the Compliance Review Sheet. Accordingly this review shall, as a minimum, be carried out at six month intervals
- They are responsible and accountable to the Asset Manager (via the Vessel Master) for the Repair and Maintenance (R&M), and Consumables budgets.
- Responsible for ensuring that, as applicable, the measures in SOLAS Chapter II - Part 2 Reg.15 arrangements for oil fuel, lubricating oil and other flammable oils are complied with
- Responsible for ensuring that all vessel equipment under their remit is PUWER compliant where applicable. PUWER (Provision and Use of Work Equipment Regulations)
- Responsible for ensuring that all vessel equipment under their remit is LOLER compliant where applicable. LOLER (Lifting Operations and Lifting Equipment Regulations)
- Responsible for checking all third party equipment certificates of conformity including maintenance records and histories, to ensure they comply with PUWER / LOLER and OneFleet Business Management System requirements where applicable
- Responsible for providing technical guidance to Responsible Persons to ensure that third party equipment utilised onboard the vessel is fit for purpose. Specific responsibilities will include verification of third party equipment mobilisation checklists.
- Review the Safety Notices, Fleet Management Circulars files and the OneFleet Management System Amendment file upon joining and re-joining the vessel
- They shall ensure that all audits, surveys and healthcare close out actions are completed by an agreed date in an expedient manner
- Responsible for ensuring that all fuel and lubricants are loaded onto the vessel in a manner which will ensure that there is no loss of containment during the loading operation
- Responsible for ensuring that all waste oils are disposed of to a shore facility in a manner which will ensure that there is no loss of containment during the transfer

Competency (Supervisor Level 2)

- Change Leadership
The ability to energise and engage others during change and respond positively to change
- Commercial Acumen
The ability to draw on business and professional knowledge and concepts to exercise commercial judgement to maximise returns for the business including protection of our long terms relationship with clients and suppliers
- Communication
The desire and ability to convey complex information in a way which is accessible to the audience
- Develop Capability
The drive to further the development and learning of others so as to meet future business needs based on an appropriate level or analysis
- Drive for Results
The drive to do things better to continually improve and compete against a standard of excellence
- Innovation
The ability to challenge the status quo and to develop and put forward new and better ways of doing things
- Leader
Provides clarity around TechnipFMC's strategy objectives, by demonstrating a real grasp of the business and communicating the direction to others. Commands respect rather than relying on position
- Strategic Thinker
The drive to scan the external environment, assess the impact of external factors on TechnipFMC and identify potential change directions

Leadership behaviours

- Role model – setting an example
- Sound judgment which is thoughtful and action oriented
- Accountability, transparency and trust
- Understanding personnel and their needs
- Collaborating effectively to deliver results
- Planning and organising what has to be implemented
- Communicating what's to be achieved, and why
- Preparedness to take tough decisions
- Identifying priorities and remaining focused on outcomes
- Motivating others and acknowledging achievement
- Empowering and supporting others to build capability
- Showing loyalty and keeping commitments

Main accountabilities:

N/A

Qualifications (professional, technical, academic):

- Essential:
- Unlimited Chief Engineer officer (STCW Reg III/2) Certificate of Competency
 - Comply with the requirements of IMCA Guidelines for Design and Operation of Dynamically Positioned Vessels
 - Comply with the requirements as described in Section 6.7 of the IMCA "Training and Experience of Key DP personnel" document

Preferred: N/A

Typical background and experience required:

- Essential:
- Unlimited Chief Engineer officer (STCW Reg III/2) Certificate of Competency
 - Comply with the requirements of IMCA Guidelines for Design and Operation of Dynamically Positioned Vessels
 - Comply with the requirements as described in Section 6.7 of the IMCA "Training and Experience of Key DP personnel" document
 - Have an adequate knowledge and experience with the relevant class of vessel in accordance with Section 7 of the IMCA document, "The training and experience of key DP personnel."
 - In depth knowledge of DP vessel capabilities, limitations and fully understands redundancy requirements
 - Includes staff in planning, decision making and facilitating improvements. Supports and explains reasoning for decisions
 - Prioritises and plans work scopes
 - Displays willingness to make decisions; exhibits sound and accurate judgement
 - Thorough knowledge of Marine Engineering; provide guidance with technical issues / problems; fully computer literate with Microsoft Office and planned maintenance applications
 - Able to multi task with ease
 - Follows instructions, responds to management directions, takes responsibility for own actions and maintains commitment
 - Follows company policies and procedures
 - Constantly looking for ways to improve safety, systems, equipment etc.
 - Ability to motivate personnel and maintain position as a team player
 - Having sound integrity, aided by good man-management and communications skills
 - Able to interact and communicate comfortably with his Engineering staff and other departments personnel
 - Be approachable and understanding (counselling) and a good listener / adviser when required

	<ul style="list-style-type: none">• Ability to be decisive and assertive when necessary
Nice to have:	<ul style="list-style-type: none">• 5-10 years onboard DP vessels - Pipelay / Construction / Diving Support Vessel (DSV)

Additional information:	N/A
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