

# MAINE MARITIME ACADEMY

A College of Engineering, Management, Science, and Transportation

## Chief Engineer – Training Vessel

### POSITION OVERVIEW

Employee is responsible for the efficient operation of the engine department onboard the **Training Ship State of Maine (TSSOM)**, including operation, maintenance, safety, and cleanliness of all pertinent engineering systems and spaces. This is a “hands on” position. Employee must possess a current U. S. Coast Guard Chief Engineer license (unlimited H.P., motor) with recent experience and at least a Bachelor's degree in a relevant field. In addition, the employee is responsible for developing training and evaluation programs for students operating the TSSOM. Employee may provide input for budget and report preparation. Employee has a high degree of public contact representing the Academy and teaching is required.

### DUTIES

- Report to the Dean of Maritime Training and Ship’s Master concerning areas of responsibility.
- May be required to teach up to 6 credits each semester and participate on relevant faculty and Academy committees as assigned by the Dean of Maritime Training and the Provost.
- Responsible to the Ship’s Master for the operation and maintenance of the engine department and for all machinery and auxiliary equipment related to the training ship, including but not limited to: electrical, HVAC, refrigeration, water and sewage systems.
- Responsible for the safe operation of the engine department and supervision of all engine department personnel and cadets working onboard the TSSOM.
- Ensure that all personnel on board are familiar with Safety Management System/Manual, all safety precautions, procedures and drills and that the required safety equipment is on board at all times.
- Recommend action in case of personnel or equipment problems.
- Carry out various administrative functions.
- Coordinate all training vessel engine department assignments, leaves and working schedules.
- Analyze needs and plan preventive maintenance programs and upgrades for systems, and successfully implement and administer the ship’s planned maintenance system.
- Responsible for acquisition of materials and supplies required for the training vessel engine department.
- Liaison with applicable regulatory bodies for periodic inspections and surveys.
- Prepare work order requests and repair specifications for shipyard and contract work.
- Responsible as Academy representative to MARAD regarding training vessel engineering.
- Prepare all required reports, logs, and special orders.
- Responsible for cadet engine training, including “hands on” instruction, as coordinated with the Engineering Department training officer.
- Responsible for ensuring the satisfactory implementation of the Academy Environmental Health and Safety policy onboard TSSOM.
- Ensures adherence to OSHA, NFPA and other applicable safety codes.
- Position includes mandatory annual training cruise(s) and other sea duty including shipyard periods away from Castine.
- Chief Engineer is expected to be actively onboard while the ship is in port.
- Supervises both student and regular Academy employees (Engineering crew).
- Other duties may be assigned.

## **SKILLS**

- Excellent organization skills
- Ability to prioritize and to handle multiple projects simultaneously
- Good written, verbal and interpersonal skills required; ability to interact with all levels of staff including management
- Strong supervisory skills to manage both staff and students
- Strong customer service skills
- Professional presentation, appearance and work ethic
- Ability to work irregular / extended hours/weeks, including night and weekend duties as required
- Sufficient computer skills to operate shipboard and other automated systems
- Knowledge of Windows Microsoft Office Suite
- Ability to work in a student-oriented training environment
- Ability to teach college-level courses related to shipboard engineering and general marine engineering

This job description reflects the general duties of the job but is not a detailed description of all duties which may be inherent to the position. The Academy may assign reasonably related additional duties to individual employees consistent with policy and collective bargaining agreements.

## **REQUIREMENTS**

- Minimum of Bachelor's Degree; Master's preferred
- U.S. Coast Guard Unlimited Horsepower/Motor Chief Engineer license with STCW endorsement
- At least 5 years of maritime experience as Chief Engineer or military equivalent
- Experience with maintenance tracking software such as NS5 or similar databases
- Prior teaching experience preferred
- Current Drug-Free screening certificate and proof of current USCG physical (within last 12 months)

## **PHYSICAL REQUIREMENTS**

- The physical requirements as outlined in the NVIC 04-08, as updated periodically by the U.S. Coast Guard, are herein incorporated.
- Exerting up to 50 pounds of force occasionally, and/or up to 30 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.
- Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized.
- Requires lifting, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, and pulling are required frequently

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JOB TITLE: Chief Engineer - Training Vessel  
WAGE GRADE: 32

JOB CODE: 502

UNION: Supervisory  
TOTAL POINTS: 646

	<b><u>FACTOR</u></b>	<b><u>DEGREE</u></b>	<b><u>POINTS</u></b>
1	Knowledge and Skill	8	288
2	Effort		
	I. Mental and Visual Effort	6	48
	II. Physical Effort	2	20
3	Responsibility for Cost Control	7	56
4	Responsibility for Others		
	I. Injury to Others	5	40
	II. Supervisory Responsibility	7	56
	III. Sensitive Information and Records	4	32
5	Working Conditions	5	50
6	Responsibility for External and Internal Relations	7	56