

Job Posting Template

The Ship Operations Department is currently accepting applications for a temporary relief Chief Engineer.

JOB SUMMARY:

Reporting to the Master, is head of the Engine Department and is responsible for personnel and the proper operation, maintenance, and safety of the vessel's propulsion system and all auxiliary machinery and spaces. As a senior manager, represents the Institution's best interests. This is a temporary exempt position and is eligible for casual benefits with the expectation it would change to a regular position. This position requires you to provide proof that you are fully covid vaccinated. Fully vaccinated is defined as two weeks after your second shot. The Moderna, Pfizer and J&J/Janssen COVID-19 vaccines are accepted.

ESSENTIAL FUNCTIONS:

- Is responsible for the proper operation, maintenance, and inspection of main and auxiliary machinery, and electrical, mechanical, and safety equipment under jurisdiction. Determines effective repairs, monitors maintenance, and reports defects that may affect ship's performance to Master. Advises Master of matters relating to machinery usage and overall economy of operation. Reports failures that affect science operations to Port Office.
- Assigns and supervises work of engine department personnel, including fair allocation of leave and working hours, and proper scheduling of vacations. Keeps Master informed of department's condition, and conduct and reliability of engine personnel. Is responsible for the safety of the engine department crew.
- Orders, receives, and maintains proper inventory of spare parts and supplies; supervises bunkering, Ensures economy of fuel and consumable supplies, and monitors fuel and water daily.
- Sets engine room watches, specifies duties, and ensures a properly maintained watch.
- Performs other duties as required.

NON-ESSENTIAL FUNCTIONS:

As deemed necessary by supervisor

DESIRED EDUCATION & EXPERIENCE:

- Bachelor's degree from an accredited sea service academy and five years' sea duty as an engineering officer with one year as Chief Engineer or two years as First Assistant Engineer, in the absence of a formal degree, equivalent work experience.
- Candidates must possess computer literacy in the use of word-processing, inventory and database management, ship's stability, and electronic mail programs.
- Prefer experience on similar research vessel.
- Candidates must have a high level of training as evidenced by a U.S. Coast Guard license, preferably Chief Engineer Unlimited Horsepower, Motor Vessels. Minimum licensing for R/V Neil Armstrong and R/V Atlantis requires unlimited Chief Engineer, Oceans, Motor Vessels. In addition to the above, all licensed officers must have all applicable training as required by the Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW 95) and possess a valid U.S. Coast Guard Merchant Mariners Credential and Transportation Workers Identification Credential (TWIC) and hold an unexpired Passport.
- Candidates must have good communication and personnel management skills, an in-depth understanding of the proper operation and maintenance of ship's engines and related equipment, and use good safety practices and procedures.
- Must be able to pass a DOT Pre-employment drug screen.
- Must hold an Unexpired (STCW Expiration date) USCG med Certificate.

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PHYSICAL REQUIREMENTS:

Essential Functions, Physical Capabilities/Requirements, and Working Conditions of all Marine Positions

- All marine positions have essential functions that personnel must be able to perform, minimum physical capacities and requirements that all personnel must meet, and working conditions that may be considered hazardous.
- Essential Functions
- Work at least 8 hours per day and, at times in excess of 12 hours per day, 7 days per week.
- Work at sea for three to five months continuously.
- Live and work in cramped quarters, frequently in bad weather and with violent ship motion.
- Pass examinations for visual acuity, color sense, and hearing as established in Title 46 CFR Parts 10 and 12, and pass a physical evaluation as described in the enclosed Navigation and Vessel Inspection Articles 6-89.
- Climb steep and vertical ladders, and enter and exit compartments through hatches, doors, and sills up to two feet high.
- Participate in emergency drills and in launching lifeboats and life rafts.
- Perform physical labor, climb and handle moderate weights and equipment over 50 pounds.

Physical Capability	Example of Essential Function
Balance	Work in confined and unstable areas.
Bend, kneel, squat	Clean, maintain, and inspect equipment.
Climb	Reach work areas, equipment and stores by ladder and stairs.
Crawl	Crawl through bilge pockets, and under ladders and winch beds.
Feel	Touch objects: where sight is limited.
Finger	Manipulate nuts, bolts, tools, and cleaning gear.
Handle	Handle equipment and stores with sure grip.
Hear, talk	Communicate with people.
Lift, carry	Load stores over 50 pounds.
Push, pull	Move equipment over 50 pounds.
Reach	Up, over, and under equipment and stores.
See	Read labels, menus, logs, charts, and gauges in poor lighting.
Sit	Operate crane, Avon, lifeboat, and life raft.
Stand	Work on equipment.
Walk	Perform rounds at sea.
Write	Maintain logs.
Work Condition	Example of Hazardous Area/Duty
Confined areas	Store rooms, engine spaces, and tanks
Potential allergens and irritants	Fuels, solvents, cleaners, dust, fumes, smoke, and gases
Adverse weather	On deck in rough seas during equipment maintenance
Extreme temperatures	On deck in tropics and high latitudes; in engine room
Potential hazards	Being at sea; slippery and uneven surfaces; moving parts and objects; climbing ladders; and working aloft
Noise	Constant and loud engine room noise, blowers, exhaust fans
Schedule	Protracted and irregular working hours
Vibrations	Ship's engines and chipping hammer

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WHOI is a member of the Higher Education Recruitment Consortium (HERC). We are sensitive to the issues of dual career candidates and we will work with applicants to address them. Please visit [HERC](#) - for more information.

WHOI is an Affirmative Action/Equal Opportunity Employer/Disabled/Veterans/M/F. We encourage Veterans and those with Disabilities to apply. Applications are reviewed confidentially. Applicants that require accommodation in the job application process are encouraged to contact us at (508) 289-2253 or email eeo@whoi.edu for assistance.