

Job Code: 101594
Position #: (NUNC) (E)
Developed by: DN; DP
Reviewed by: DLJ
Approved by: AMC
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UNIVERSITY OF RHODE ISLAND
Position description

TITLE: Marine Superintendent (GSO)
DIVISION: Academic Affairs (GSO)
REPORTS TO: Director, NBC Facilities and Operations
GRADE: 16
SUPERVISES: Professional, technical, and clerical support staff

BASIC FUNCTION:

Responsible for the overall operation and management of the federal government owned oceanographic research vessel at the Graduate School of Oceanography, the Marine Office, and the technical support personnel (Marine Technicians).

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Set policy, develop, and enforce procedures for safe and effective research ship operations at sea under both normal and extreme environmental conditions. Monitor Research Vessel (R/V) status daily when ship is underway. Ensure compliance with federal, state, and University regulations and policies regarding hazardous and radioactive materials and waste.

Prepare and administer proposals and budgets for the federally owned R/V Ship Operations Program, grant-funded marine capital equipment, oceanographic instrumentation, and shipboard scientific support equipment. Negotiate and administer resulting grants and cooperative agreements, ensuring compliance with federal and state regulations. Manage all business related to the ship and associated marine technicians, including rate setting, cost analysis and control, purchasing, invoices and shipping.

Promote, negotiate, and schedule research cruises on R/V by working with NSF's Division of Ocean Studies, USN's Office of Naval Research, NOAA, State of Rhode Island, and the UNOLS scheduling office to meet the needs of scientific and educational users.

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Manage the provision, modification, maintenance, and integration of institutional and investigator equipment and other cruise-related scientific needs, including any special technical requirements, such as ship modifications needed to achieve or enhance scientific goals. Provision may also require the development of agreements for reciprocal loans of equipment between institutions to maximize the scientific return on instruments and equipment, especially in situations where GSO equipment has been incapacitated or lost at sea.

Maintain policies, standard practices, training programs, and auditing procedures for the safe and efficient use of scientific equipment at sea. Ensure compliance with state and federal HAZMAT and safety regulations. Prepare, implement, and integrate into standard practice training programs and procedures for new or loaned equipment.

Maintain and implement a human resource plan to ensure the availability of an appropriate mix of technical specialists to meet the annual science goals.

Recruit, hire, train, and supervise crewmembers and marine technicians for the R/V in compliance with United States Coast Guard and American Bureau of Shipping operating requirements. Represent University management in crew and marine technician union issues; assist the University's Office of Human Resource Administration in negotiating union contracts as appropriate. Manage shore-based ship administrative support personnel.

Act as Designated Person for R/V's Safety Management System (SMS) as defined in the International Safety Management (ISM) Code. Make additions and modifications to the R/V's SMS as required. Schedule audits and perform related duties as necessary.

Maintain R/V in American Bureau of Shipping (ABS) class. Oversee planning and execution of the ship's maintenance program, from routine planned maintenance to periodic shipyards to emergency repairs. Monitor the condition of ship support facilities (e.g., dock and storage areas).

Supervise specification preparation for annual and quadrennial repairs of the ship. Oversee overhauls and upgrades, including major refits. Keep the Director of NBC Facilities and Operations and other University administrators appropriately informed regarding operations.

Serve as liaison between the ship and the University, as well as with state, local, federal, private, and international agencies. Serve as URI/GSO's representative to UNOLS. Participate on UNOLS and federal agency committees and panels. Serve as a member of GSO's ship committee and other vessel-related committees.

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Obtain research clearances from the U.S. State Department for scientific work in territorial waters of other nations. Ensure Principal Investigator compliance with obligations to submit cruise data as required by the country granting ship clearance.

Obtain agents for outlying ports through a local agent, including liaison for transportation, materials, fuel, customs, and immigration.

OTHER DUTIES AND RESPONSIBILITIES:

Perform additional responsibilities as required.

LICENSES, TOOLS, AND EQUIPMENT:

Personal computers and printers; word processing and database management. Word. Excel, Email. Must be able to obtain a U.S. passport.

ENVIRONMENTAL CONDITIONS:

This position requires the ability to move throughout a research vessel (R/V) underway, enter confined spaces, and climb masts or other ship structures. Occasional travel and days at sea are required.

QUALIFICATIONS:

REQUIRED: Bachelor's degree from an accredited college or university in science or engineering; Demonstrated working knowledge of shipboard operations and systems; Demonstrated experience in planning and managing ship repairs (i.e., both in shipyards and under emergency conditions); Minimum of five years of sea-going experience on ocean going ships; Minimum of three years of shipboard management experience (i.e.; shipboard logistics, human resource requirements, and operations); Demonstrated recent (within last five years) operational management experience (deck and marine engineering, logistics, etc.) on a multi-disciplinary, mid-size or larger research vessel; Demonstrated technical staff supervisory experience; Demonstrated knowledge of oceanographic instrumentation and data-gathering techniques; Demonstrated direct experience dealing with federal agencies that fund oceanographic research (e.g., NSF, ONR, NOAA), and proposals (i.e.; preparation, negotiation, performance, and reporting); Demonstrated recent (within last five years) federal grant management experience; Demonstrated experience in specification writing and managing shipyard overhauls and refits; Demonstrated computer skills (i.e., Word, Excel, email); Demonstrated strong interpersonal and verbal communication skills; Demonstrated proficiency in written communication skills; and, Demonstrated ability to work with diverse groups/populations. Must be able to obtain a U.S. passport.

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PREFERRED: Advanced or professional degree; Licensed merchant marine officer or equivalent rank in federal sea-going uniformed service; Minimum of five years of sea-going experience on ocean going research ships; Demonstrated hands-on experience with shipboard oceanographic or hydrographic systems and data processing; Demonstrated understanding of U.S. and international maritime regulations, conventions, and codes (e.g., SOLAS, OPA-90, and ISM); and, Demonstrated employment as a manager of seagoing marine technicians.

**ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO
REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.**