

Job Code: 100263
Position #: (PTAA) (E)
Developed by: WF; DP
Reviewed by: SG
Approved by: LK
Date: 06/11

**UNIVERSITY OF RHODE ISLAND
Position Description**

TITLE: Ship's Technician V
DIVISION: Academic Affairs (Graduate School of Oceanography)
REPORTS TO: Director, GSO Marine Operations
GRADE: 14
SUPERVISES: Ship's Technicians I, II, III, IV

BASIC FUNCTION:

Provide technical expertise and leadership in all aspects of sea-going research at the University's Graduate School of Oceanography.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Act as the interface between the Director, Marine Operations and the marine technician group for all aspects of technical support for scientific projects on GSO research vessels. Supervise the cruise responsibilities, workload, scheduling of working hours, submittal of timecards, scheduling of vacation, and travel arrangements of marine technician group, with the assistance of administrative staff.

Assist the Director, Marine Operations in assigning technicians to scheduled cruises, based on best available matches between GSO technicians and specific cruise requirements. Participate in research cruises up to 80 (eighty) days per year.

Manage and be responsible for the inventory of GSO research vessels' general use scientific equipment, including computer systems, ship-installed sensors, portable vans, freezers, refrigerators, fume hoods, water sampling systems, corers, over-the-side handling system wires, cables, and measurement devices. Manage shop and onboard tools, supplies, and spare parts.

Ensure that science equipment needed for each cruise is identified well in advance, and is in working order before being deployed, Anticipate and coordinate calibration and repair requirements for such equipment. Provide assistance with shipping and receiving of

science equipment, including the preparation of required manifest and customs documents.

Be responsible for the ship's electronic mail system, including all hardware, software and usage issues. Act as the science party interface and assist the Chief Mate, Boatswain and crew members as needed during scientific deck operations.

Assist the Director, Marine Operations in developing budgets and technical material for proposals to funding agencies, specifically for the annual NSF Oceanographic Technical Services, Oceanographic Instrumentation, and Shipboard Scientific Support Equipment solicitations, Advise, when necessary, on the Ship Operations proposals.

OTHER DUTIES AND QUALIFICATIONS:

Perform other duties as assigned.

LICENSES, TOOLS AND EQUIPMENT:

Microsoft Office Suite. Computer Software. Must possess and maintain a valid vehicle driver's license and Transportation Worker Identification Credential (TWIC). Acoustic Doppler Current Profilers and water samplers. Conductivity Temperature-Depth systems (CTD systems.)

ENVIRONMENTAL CONDITIONS:

This position is subject to adverse environmental conditions due to working at sea for prolonged periods on a moving platform.

QUALIFICATIONS:

REQUIRED: Bachelor's degree in science or engineering field with a minimum of five years of relevant experience (i.e. working as a technician or scientist conducting oceanographic sampling on a research vessel), OR a Minimum of ten years of equivalent seagoing marine technician work experience and relevant post-secondary computer/instrumentation courses; Demonstrated experience in the operation of networked computer systems operating in a variety of environments; Demonstrated supervisory experience; Demonstrated computer skills with Microsoft Office Suite; Demonstrated hands-on operating experience with Conductivity Temperature-Depth systems (CTD systems); Demonstrated experience with Acoustic Doppler Current Profilers and water samplers; Demonstrated record of troubleshooting and hands-on problem solving while underway in adverse sea conditions; Demonstrated ability to work on board ship for up to 12-hour shifts for the entire length of the cruises; Demonstrated ability to go to sea for up to 30 days at a time; Demonstrated ability to perform heavy physical work on deck in severe and inclement weather; Demonstrated strong interpersonal and verbal communication skills; Demonstrated proficiency in written communication skills; Demonstrated ability to work with diverse groups/populations; Demonstrated ability to work as part of a team working

in a close-quarters environment; and, Willingness to work flexible hours to support mission requirements. Valid driver's license. Current Transportation Worker Identification Credential (TWIC.)

PREFERRED: Master's degree in science or engineering field.

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