



MARINE SCIENCE TECHNICIAN



The Bermuda Institute of Ocean Sciences (BIOS), Inc. is currently seeking candidates for the position of **Marine Science Technician (MST)**. This opening is a full-time seagoing position in support of the R/V *Atlantic Explorer* and the successful applicant will be expected to relocate to Bermuda. The MST provides technical and logistical support for all *RV Atlantic Explorer* science cruise-related activities including but not limited to pre-cruise planning and set-up, on-shore and off-shore technical support of all shared-use shipboard instrumentation and equipment, and cruise demobilization.

The Bermuda Institute of Ocean Sciences (BIOS), Inc. is a US incorporated 501(c)(3) 'not-for-profit' marine research and education institution incorporated in New York State and based in Bermuda since 1903. BIOS currently employs a multi-national staff of approximately 100 people and caters to 2,000 scientific and educational visitors per year. Activities include oceanographic and marine biological research conducted by resident and visiting scientists, and university-level courses on topics ranging from marine pollution to remote sensing. For more information on BIOS go to <http://www.bios.edu>.

BIOS operates an oceanographic research vessel *RV Atlantic Explorer*, a general purpose oceanographic research vessel that serves both BIOS faculty and scientists other institutions and agencies. The *R/V Atlantic Explorer* is a member of the University National Oceanographic Laboratory System (www.unols.org) and is one of the premier Research Vessels in the US Academic research fleet. She spends an average of 150 days at sea per year with a typical cruises between one day and two weeks in duration.

The Marine Science Technician specific responsibilities and duties include:

- Collaborate with scientists and ship's crew to ensure a safe and successful mission.
- Instruct and assist scientific users of the ship in safe operating procedures of shipboard oceanographic systems, both on deck and in the labs.
- Operate/maintain/calibrate shared use instrumentation including SeaBird CTD, RDI ADCP, Knudsen echo sounders and an R.M. Young meteorological suite both on shore and at sea.
- Maintain the ship's computers and networks, including Linux and Windows Server systems, firewalls and Satellite based internet services.
- Design, construct, and troubleshoot new electronic and mechanical systems; modify existing systems to meet changing needs.
- Oversee cruise mobilization and demobilization efforts.

Minimal Qualifications:

- Bachelor's degree from a four (4) year college or university in marine science, physical or engineering science or a combination of technical schooling and relevant job experience recommended.
- Mechanical skills and aptitude, experience in use of hand and power tools.
- Knowledge of basic electrical theory and marine electronic systems. Demonstrated ability using electronic test tools to troubleshoot electronic circuitry recommended.
- Basic computer literacy required. Computer programming and Windows-based networking skills recommended.
- Prior experience supporting shipboard science recommended
- Experience with oceanographic instrumentation and equipment including but not limited to CTD, ADCP, XBT, Meteorological and winch monitoring systems recommended.
- Good verbal and written communication skills required



MARINE SCIENCE TECHNICIAN



Physical Qualifications:

- Lift and carry equipment weighing fifty (50) pounds or more
- Work aloft and in confined areas, ashore and aboard a seagoing vessel.
- Must be able to perform normal duties onboard an ocean-going: ship ascending and descending ladders, handling mooring lines, opening and closing watertight doors, working odd and extended hours.

Application Process:

Interested candidates should send a **Cover Letter, Resume** and **two written references** to:

James Caison, Marine Technical Services
The Bermuda Institute of Ocean Sciences (BIOS), Inc.
17 Biological Station, St. George's, GE01, Bermuda
Fax: 441-297-1839 or e-mail: james.caison@bios.edu