

Schmidt Ocean Institute is currently seeking highly experienced candidates for the shipboard position of **Marine Technician**. The opening is a unique opportunity to join this young organization to fulfill a seagoing position in support of the 275'/82.9m oceanographic research vessel **Falkor**. The Marine Technician is expected to work aboard the research vessel approximately six months per year.

The R/V *Falkor*'s Marine Technicians provide shipboard technical and science logistical support for all science cruise-related activities, including but not limited to pre-cruise planning and set-up, on-shore and off-shore scientific technical support of all science instrumentation and equipment, and cruise mobilization and demobilization. The Marine Technician will source, acquire, install, configure, operate, maintain and troubleshoot all scientific equipment aboard the ship. The Marine Technician may be required to work remotely when not sailing aboard the ship, attending training or participating in field-related conferences.

Regular duties of the Marine Technician will be similar to the duties described in the document "*Knowledge and Skill Guidelines for Marine Technicians Who Work Aboard Research Vessels*":

<http://www.marinetech.org/files/marine/files/Workforce/KSG.OITfinal.9.10.10lr.pdf>

Requirements:

- Advanced degree in marine science, physical or engineering science or a combination of technical schooling and job experience.
- All citizenships welcomed to apply. Non-US applicants must be able to obtain a US B1/B2 visa.
- Must be fluent in speaking, reading and writing the English language.
- Posses a valid drivers license.
- STCW-2010 certificates covering Basic Safety Training which includes First Aid and CPR.
- STCW – Persons with Designated Security Duties

Experience Desired:

- Extensive at-sea experience supporting shipboard science aboard ocean or global class research vessels
- Familiar in use of science winches
- Familiar with deck operations and over-the-side deployment and recovery of science equipment
- Demonstrated knowledge of marine circuitry
- Advanced computer literacy required, computer programming and windows based networking skills
- Experienced in use of hand-held power tools
- Installation, testing, operation, interpretation and maintenance of the following echo sounding systems:
 - EA600
 - EK60

- EM710
- EM302
- Knudsen Chirp 3260
- RDI ADCP 75kHz and 300kHz
- Sonardyne USBL
- KSYNC, SSU or similar acoustic synchronization system
- Installation, testing, operation, interpretation and maintenance of the following multidisciplinary science systems:
 - Meteorological monitoring systems
 - Science navigation systems (Hypack and/or Winfrog)
 - Winch and wire monitoring systems
 - Thermosalinographs (SBE 45)
 - CTDs, Rosettes and Niskin bottles
 - Shipboard Data Logging system
 - Science navigation equipment (Seapath/PosMV/GPS/GNSS)
 - XBT
 - Sound Velocity Profilers
- Skills with various data acquisition and processing software:
 - SBE Data Processing
 - CARIS
 - MBSYSTEM
 - Fledermaus
 - GIS
 - Microsoft Office (or similar)
 - Windows/Linux/Mac
 - Adobe Acrobat

Contact:

To apply, send a letter of interest and a resume / CV to jobsatsea@schmidttocean.org that very clearly outlines how you meet the above requirements and experience desired.