

SPS Maritime Ltd

SPS Maritime Ltd operates the 83m research vessel FALKOR for Schmidt Ocean Institute (SOI). SOI is a U.S. non-profit private operating foundation established in 2009 to advance oceanographic research. SOI brings together advanced science and state-of-the-art technology to achieve lasting results in ocean research, to catalyze open sharing of the information, and to communicate the resulting knowledge to audiences around the world. The Institute is devoted to the inspirational vision of the Founders that the advancement of technology and open sharing of information will remain crucial to expanding the understanding of the world's oceans.

Title: Marine Technician
Department: Science Department, R/V FALKOR
Reports to: Marine Technician (shipboard)
Location: R/V FALKOR (seagoing position only)
Starting Date: September 20, 2020

JOB SUMMARY

The Marine Technician (MT) reports to the Lead Technician (LT) for shipboard administrative and operational purposes, and to the SOI Science Services Manager (SSM) in areas of cruise planning, science equipment, team structure, and objectives. MTs provide an essential link between the ship's crew, shoreside team, ROV team, and special personnel. Regular duties of the MTs are similar to the duties described in the document "[Knowledge and Skill Guidelines for Marine Technicians Who Work Aboard Research Vessels](#)"

Main Duties and Responsibilities:

- Work closely with the LT and SSM in the planning of cruises: identifying and managing department projects and upgrades, maintaining science systems implementing department objectives, and ensuring achievement of key results
- Collaborate with scientists, ROV team, ship's crew, and shoreside staff to ensure safe and successful science missions
- Instruct and assist users of deck and laboratory scientific systems in safe operating procedures
- Collect, provide quality assurance, and curate scientific and ROV systems data
- Operate, maintain, and calibrate science systems and instrumentation, including all associated hardware and software
- Work with ROV team to ensure dive, data, and outreach support in creation of bathymetry products, data monitoring, and oversight of video streaming
- In coordination with the ship's ETOs/System Engineers, maintain and improve the ship's scientific computer systems and networks
- Participate in design, construction, and implementation of new electronic and mechanical systems; assist in modification of existing systems in order to fulfill evolving needs

- Supervise adherence to ship and laboratory safety protocols including proper use, documentation, and storage of hazardous materials
- Oversee science cruise mobilization and demobilization efforts
- Be familiar with all assigned safety and security duties, both at sea and in port

Experience Desired:

The successful candidate will be joining a diverse team of individuals who collectively have experience in the below listed areas. They will have expertise in as many of the following areas as possible with the aptitude to assist with, and become proficient in, the remaining areas:

- Familiar in use of science winches, deck operations, and over-the-side deployments
- Knowledge of marine electronics and solid electrical, electronics, and computer troubleshooting skills
- Computer use, programming, and Windows based networking skills
- Experienced in the use of power and hand tools
- Installation, testing, operation, interpretation, and maintenance of the following multidisciplinary science systems:
 - Meteorological and underway seawater monitoring systems
 - Multibeam echo sounder bathymetry data acquisition and processing
 - Other scientific acoustic systems including bioacoustic sonars
 - Science navigation and motion reference systems
 - Winch and wire monitoring systems
 - CTDs
 - Shipboard Data Logging system experience
 - Other marine science instrumentation
- Supporting ROV technician/pilots with bathymetry products and USBL navigation
- Laboratory support and hazardous materials management
- Skills with various data acquisition and processing software:
 - Sea-Bird SeaSave and Data Processing Modules
 - Multibeam processing with CARIS, Qimera and/or Fledermaus

What We Look for in the Ideal Candidate:

- Positive attitude towards the marine environment
- Positive attitude to other crewmembers and scientists
- Enthusiastic
- Thinking outside the box
- Doesn't mind working long hours
- Safety consciousness
- Social people who share a team spirit aboard ships
- People who wish to long-term invest themselves into and commit to the Company
- People who are willing to go the extra mile to adapt to special demands of a research vessel every single cruise

- Organizational skills to conduct tasks independently to a high professional standard
- Non-smokers preferred

Requirements:

- University level degree in marine, physical or engineering science or an equivalent combination of technical schooling and job experience
- Significant experience as a seagoing marine technician, providing technical support aboard research vessels
- Fluent in English language speaking, reading and writing
- All citizenships welcomed to apply
- B-1/B-2 visa to work in the United States, if not a US citizen
- STCW95 Basic Safety Training certificate(s)
- Seafarers Medical Fitness certificate (ENG1 or equivalent)
- Proficiency in Designated Security Duties certificate
- Drug free - drug test will be done on the first day of employment
- Clean criminal record - background check will be done prior to employment

What we offer:

- Salary: Industry Standard Salary
- Rotation: Approximately 2.5 months on/off (dependent on vessel schedule)
- Paid leave: 1 day paid leave accrued per day worked
- Medical Insurance: Yes
- Flights: Flight from home airport to vessel and return is paid by Company
- Accommodation: Shared cabin
- Contract: Seafarers Employment Agreement as per Marine Labor Convention
- Employment Company: SPS Maritime Ltd (registered in Cayman Islands)
- Probation period: 3 months
- Training: Company provided training based on position, vessel requirements, and other factors
- A high quality of life on board with excellent food and recreational facilities

Interested candidates should submit a cover letter expressing interest and a comprehensive resume / CV that clearly illustrates why you are the ideal candidate for the position. Submit to jobsatsea@schmidtocean.org