

Monterey Bay Aquarium Research Institute

Remotely Operated Vehicle Pilot (ROV Doc Ricketts)

This position ensures the safe and efficient operation of MBARI's Remotely Operated Vehicles and associated oceanographic equipment. ROV Pilots support the scientific exploration of the Monterey Bay and surrounding waters. Pilots facilitate the integration of prototype and production equipment to enhance scientific capability of the ROVs.

Job duties include, but not limited to the following:

- Pilots and conducts operations of the ROV to facilitate the safe and timely completion of the defined task for the Chief Scientist.
- Maintains the ROV to ensure reliable operation in conjunction with other ROV pilots and technicians.
- Ensures the safety of all personnel and equipment associated with the ROV and its operation.
- The ROV Pilot may assist in the development and maintenance of new scientific instrumentation, ships, and ROVs.

A.S. in Electronics, Mechanical, or Software discipline, or equivalent education and 5-8 years demonstrated success as an ROV Pilot is required. The equivalent of three years experience with a large multi-computer telemetry system is required. Working knowledge of single board computers, local area networks, serial data communications, fiber optic telemetry communication, power control systems, acoustic navigation systems and scanning sonar systems required. Basic computer skills in DOS or UNIX required. Use of word processor, spread sheet and CAD programs is preferred. Computer programming knowledge of "C" and "C++" is preferred. Experience in maintenance of mechanical and hydraulic systems is required. Maintenance of the core ROV is the primary responsibility.

Trouble shooting skills for mechanical, electrical, fiber optic and electronic systems required. Involvement in development programs for scientific equipment and operational procedures is expected. Minimum supervision required, able to generate work lists for vehicle and scientific equipment maintenance is required. Must be able to work with diverse groups of people.

Must be able to perform the following:

- Ability to lift a minimum of 35 lb.
- Ability to step up three feet.
- Ability to work in hazardous marine environment.
- Ability to work up to 30 days continuously at sea between port calls.

Address your cover letter to:

MBARI, Human Resources

Job code: ROV-DR

7700 Sandholdt Road, Moss Landing, CA 95039-9644

Submit your cover letter and resume by e-mail to jobs@mbari.org (preferred), or by mail to the above address, or by fax to (831) 775-1620.

Competitive compensation and benefits package.

EOE

MBARI Welcomes Diversity

MBARI considers all applicants for employment without regard to race, color, religion, sex, national origin, disability, or veteran status.