



Electrical Engineer

PanGeo Subsea Inc.

PanGeo Subsea Inc., a Kraken Robotics company, is a marine geophysical-geotechnical service delivery company specializing in high resolution 3D acoustic imaging solutions to mitigate risk in offshore installations by imaging and identifying geohazards in the seabed and providing detailed soil stratigraphy. Our corporate head office is in NL with operations led from our offices in Dartmouth, NS and Aberdeen, Scotland. Our team of geoscientists and engineers have an extensive track record in advanced technology projects in sub seabed acoustic imaging.

In response to increase in business and internal development projects, we are seeking an experienced **Electrical Engineer** to support activities in our Mount Pearl office. This will include support in the maintenance and upgrade of current equipment, the development of the next generation components and technical support to our offshore team.

A successful candidate must have the following:

- Electrical Engineering degree or equivalent engineering discipline with 5 years minimum experience
- Registered member of the Professional Engineers and Geoscientists of Newfoundland and Labrador (PEGNL) or eligible for membership
- Design experience with subsea or marine based electronics such as:
 - Hydrophone pre-amplifiers and sonar transmitters
 - Data acquisition, processing, and storage system
 - Motor and hydraulic control systems
 - High speed digital design
- Proficient with the use of electronics CAD tools including schematic and PCB development tools as well as electronic circuit simulation
- Experience in subsea electronics system packaging
- Experience in underwater acoustics principles and design practices
- Excellent design standards and strong troubleshooting skills
- Ability to prioritize and manage workflow under tight timelines
- Experience in creating manufacturing documentation and procedures
- Excellent communication (verbal and written) and interpersonal skills
- Must be able to work independently, as well as effectively within a team environment

- High degree of organization, with the ability to prioritize tasks
- Proficient in MS Office
- Experience with the following would be considered an asset:
 - Experience with sonar systems especially in an ocean environment
 - Experience with Autonomous Underwater Vehicles

Duties:

- Provide job specific configuration management and technical support for offshore operations involving the SBI and the AC systems
- Provide a client interface for technical representation
- Establish design criteria for projects using required codes and standards
- Participate in the design review process
- Provide operational manuals and training information
- Support a schedule for equipment maintenance, repair, and technology development
- Provide appropriate recommendations to modify or repair equipment based on field or client requirements
- May be involved with the development or upgrade of system components

If you are keen to take initiative and make an impact within a growing company, we would love to hear from you.

Interested applicants are encouraged to submit your CV to Career Beacon [Apply: Electrical Engineer](#)