

Support Engineer (Electrical/Marine/Controls)

Position: Support Engineer (Electrical/Marine/Controls)
Qualification: BEng in Electrical/Marine Engineering or similar
Location: Rathcor, Co. Louth / Upon full completion of training this role can be remote with occasional travel
Hours of work: 24/7 Shift Pattern

About XOCEAN

XOCEAN is an ocean data company – we collect data for clients ranging from mapping the seabed to monitoring the environment. However, we do this differently - instead of using conventional crewed survey ships, we have developed a marine robotic system known as an Uncrewed Surface Vessel (USV).

Overview

This role will see the candidate build up an in-depth knowledge on XOCEAN's USV design and operation. The support engineer will provide key analysis of USV technical and operational data to guide the Operations team to ensure continued safe, efficient and productive operations.

Main Duties & Responsibilities

The role will be wide and varied. Responsibilities will include:

- Developing a deep understanding of XOCEAN's technology, work practices and operations and develop pro-active measures to maximise fleet productivity.
- Providing technical support to XOCEAN's fleet of USVs.
- Analysing USV performance and operational data.
- Assisting with the development of XOCEAN's Technical Operations Documentation: Control Philosophy, Operational Manual, Troubleshooting Manual, Engineering Emergency Response & Risk Management procedures.
- Working with Engineering, R&D and Production teams to optimise USV design and performance.
- USV Configuration Management.
- Performing USV system health checks on XOCEAN's Fleet of USVs.

The successful candidates will join the 24/7 technical support team, operating in a shift pattern to ensure support is provided to the fleet at all times. It is expected that up to 6 months will be required at our Technical Centre in Rathcor, Co Louth, inclusive of a training period of 3-4 months.

Requirements: Essential Skills / Attributes and Experience

- BEng in Electrical/Marine Engineering or similar level experience.
- Electrical design experience.
- Troubleshooting/Fault Finding experience
- Ability to think clearly in high pressure situations.
- Ability to seek innovative solutions.
- Enthusiastic, positive, and proactive nature with a keen attention to detail.
- Excellent interpersonal, communication, presentational and team working skills.

Desirable Experience

- Hands-on electrical/control panel wiring experience.
- DC Generator/Inverter/Battery system experience.
- PLC Code & SCADA development experience.

- Marine experience (e.g. sailing) advantageous.

Apply

- Applicants must demonstrate how they meet the essential criteria. Desirable criteria may be used for further shortlisting.
- Closing date for applications is 20th March 2023.
- Please apply online and follow the instructions or submit your CV to careers@xocean.com.