

Survey Technology R&D Engineer

- Position:** Survey Technology R&D Engineer.
- Qualification:** BEng in Engineering, Physics, Hydrographic Survey or relevant scientific field
- Location:** Rathcor, County Louth/Hybrid working

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

Responsible for the logistics, installation, configuration, testing and report writing of all new USV mission systems, in the workshop, during testing and on site.

Main Duties & Responsibilities

Responsibilities will include:

- Supporting XOCEAN in developing and fitting of new USV mission systems.
- Arranging for systems to be supplied.
- Installing and configuring new mission systems.
- Short- & long-term testing of the sensors and their components.
- Correct and safe demobilising and packing of mission systems.
- Writing SOPs and test reports for the new systems.
- Training survey team members on operation of new systems.
- Assisting with installation of survey sensors onto operational USVs when free from R&D.
- General USV Maintenance to support company requirements.

Requirements: Essential Skills / Attributes and Experience

- BEng in Engineering, Physics, Hydrographic Survey or relevant scientific field.
- 5 years' experience in geophysical survey sensors.
- In-depth knowledge of survey IT and networking.
- Practical ability and safe use of electrical tools.
- Enthusiastic, flexible and proactive nature with a keen attention to detail.

Desirable Experience

- Experience with R2Sonic, Norbit, Innomar, POSMV, Edgetech, ScanFish, AUV or magnetometer systems would be an advantage
- Experience of marine survey data online software (e.g. QINSy) is an advantage.

Apply

- Applicants must demonstrate how they meet the essential criteria. Desirable criteria may be used for further shortlisting.
- We thank all candidates for their interest, however due to very high volumes, only those who are selected for further consideration, will be contacted directly.
- To be eligible for this position you must have a valid working visa / permit to work in Ireland.
- Closing date for applications is 22 September 2022.
- Please apply online and follow the instructions or submit your CV to careers@xocean.com.