

## Systems Engineer

**Position:** Systems Engineer  
**Qualification:** BEng in Engineering, Physics or relevant scientific field  
**Location:** Rathcor, Co. Louth

### 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 installations of survey systems on all XOCEAN USVs.

### Main Duties & Responsibilities

Responsibilities will include:

- Installing and configuring survey sensors in the workshop and occasionally on site.
- Planning of future survey sensor configurations, including sourcing rental systems.
- Measuring and recording all survey sensor offsets.
- Overseeing survey sensor calibrations.
- Correct and safe demobilising and packing of survey systems.
- Anticipate, plan and communicate need for system spares and consumables.
- Maintaining survey sensor database.
- Updating maintenance and calibration schedules.
- Supporting with asset tracking.
- Supporting XOCEAN in developing and fitting of new survey sensors.
- General USV Maintenance to support company requirements.

### Requirements: Essential Skills / Attributes and Experience

- BEng in Engineering, Physics or relevant scientific field.
- 5 years' experience in electronics, electrical, mechanical engineering.
- In-depth knowledge of 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 R2 Sonic, Norbit, Innomar and POSMV systems would be an advantage.
- Experience of marine survey data online software (e.g. Navaq) 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 2 June 2023.
- Please apply online and follow the instructions or submit your CV to [careers@xocean.com](mailto:careers@xocean.com).