

Position

Position: Uncrewed Surface Vessel (USV) Process Engineer
Qualification: 3rd Level Qualification in Engineering Discipline.
Location: M1 Corridor, Greenore, 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

Analyse and develop USV system and functions, create documentation and training materials.

Main Duties & Responsibilities

Responsibilities will include:

- Optimisation of the USV Control system performance.
- Studying current USV Fleet performance and identifying areas for improvement.
- Work “hands on” with equipment and processes when working on equipment validation and equipment automation projects.
- Collation and Analysis of USV performance data to help focus development effort.
 - Eg. Pareto, FMEA, DOE, 8D, 5-Why, Root Cause Analysis.
- Work with the Control Systems team to develop user documentation & training materials.
- Create SOPs as required.
- Design Test Plans in conjunction with Software Teams and oversee testing.
- Project Manage improvement projects including budget.
- Work closely with other teams to maximise USV uptime and efficiency.

Requirements: Essential Skills / Attributes and Experience

- 5+ Years in Process Engineering Environments
- 3rd Level Qualification in Engineering Discipline
- Proficiency in Technical Writing
- Knowledge of ISO standards
- Strong problem solving and decision-making skills and attention to detail
- Ability to manage time independently, tasked with short term reactionary duties as well as long term strategic projects
- Motivated to learn new technologies and identify process improvement opportunities

Desirable Experience

- Basic experience of Electrical and/or Control systems would be a distinct advantage.
- Experience with Six Sigma and Lean Manufacturing methods would be an advantage.

Apply

- Applicants must demonstrate how they meet the essential criteria. Desirable criteria may be used for further shortlisting.
- To be eligible for this position you must have a valid working visa / permit to work in Ireland.
- Closing date for applications is 23 July 2021.
- Please apply online and follow the instructions or submit your CV to careers@xocean.com.

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.