

Reliability Engineer

Position: Reliability Engineer
Qualification: Degree in Systems / Mechanical Engineering or similar
Location: Remote

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 driving improvements in the quality and performance of XOCEAN's USVs.

Main Duties & Responsibilities

Responsibilities will include:

- Develop deep understanding of XOCEAN technology, work practices and operations and develop pro-active measures to maximise fleet availability and productivity.
- Own XOCEAN's continuous improvement reporting system.
- Collate all development reports (technical, survey, operational), analyse data for trends, generate statistics for communication and tracking.
- Perform Root Cause Analysis (RCA) and propose permanent preventative action (PPA) for improvements.
- Track to ensure permanent preventative actions are implemented.
- Support the design and execution of project plans for development, engineering, and testing.
- Develop innovative solutions to multi-faceted design challenges.
- Ensure continuing compliance with regulatory requirements relevant to the USVs.
- Work within the parameters of agreed budgets and schedules.

Requirements: Essential Skills / Attributes and Experience

- 5+ years relevant industrial experience.
- Relevant research and development experience.
- BEng in Systems or Mechanical Engineering or similar qualifications.
- Familiarity with RCA and FMEA techniques.
- Ability to seek innovative solutions.
- Strong analytical and problem-solving skills.
- Strong attention to detail.
- Practical approach to work with an emphasis on simplicity of design and operation.
- Excellent interpersonal, communication, presentational and team working skills.

Desirable Experience

- Marine Experience, either professional or hobby.

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.
- Candidates must have a valid working visa / permit to work in the country in which they are based or for Ireland.

- Closing date for applications is 26th November 2021.
- Please apply online and follow the instructions, or submit your CV to careers@xocean.com