

**JOIN OUR TEAM!**

## **SYSTEMS ENGINEER**

### **The role**

As Systems Engineer you will coordinate and execute the technical integration of electronic equipment and systems into SEA-KIT's newly-built uncrewed surface vessels (USVs).

You will work with cross-functional teams developing, fitting, integrating and testing systems to deliver high-performing, technically reliable USVs.

SEA-KIT's head office and manufacturing yard is based in Tollesbury, Essex.

### **Responsibilities**

- Integrate scientific and electronic equipment into SEA-KIT vessels across various build projects.
- Coordinate the execution of multiple USV projects concurrently, ensuring adherence to project timelines and budgets.
- Collaborate with cross-functional teams, including software development, hardware engineering and testing, to achieve project milestones.
- Act as Technical Author for onboard equipment documentation, generating comprehensive technical documentation covering vessel procedures, layout, equipment usage and operator guidance.
- Establish and maintain rigorous quality assurance processes for USV development, including comprehensive testing protocols and validation procedures with the testing team.
- Ensure compliance with safety and performance standards for all vessels within the relevant department parameters.
- Keep up to date with the latest advancements in autonomous vessel technology and identify opportunities for innovation within the USV domain.
- Provide support to on-site engineers and end users/customers including troubleshooting system problems and providing technical support.
- Support the recruitment, training and mentoring of a proficient technical team to meet business objectives.
- Offer innovation support to new projects and internal global systems developed by SEA-KIT.

- Occasionally participate in commissioning sea trials at client bases in the UK and worldwide.
- Help foster a culture of collaboration, innovation, and continuous improvement within the department.

**Who we're looking for**

You have good general engineering and electrical skills developed through relevant industry experience.

You have hands-on experience installing, configuring and maintaining basic IT systems, and a working knowledge and understanding of communications protocols including RS232/422, NMEA, CAN bus and J1939. You also have an understanding of Satcom, Iridium, LTE, RF/Wifi communications systems. CAD design and drawing are highly desirable.

You have a strong interest in marine systems and unmanned vehicles, excellent communication skills and ability to collaborate effectively in a team.

You may be on call outside office hours, and need to be flexible in case of major technical problems occurring.

**What we offer**

SEA-KIT provides a positive and dynamic work environment. You will gain immersive experience, where you will be at the forefront of cutting-edge technology, with opportunities to stretch and develop yourself whilst contributing to the emerging market of carbon-reducing uncrewed surface vessels.

**How to apply**

For more information, visit our Careers page at: [www.sea-kit.com/careers](http://www.sea-kit.com/careers)

To apply, please send a full CV to: [careers@sea-kit.com](mailto:careers@sea-kit.com).