



INEOS BRITANNIA

Systems Support Engineer

TEAM OVERVIEW

Backed by INEOS Founder and Chairman Sir Jim Ratcliffe and led by the most successful Olympic sailor of all time, Sir Ben Ainslie, **INEOS Britannia**, who has joined forces with the **Mercedes-AMG Petronas F1 Team**, as the Challenger of Record for the **37th America's Cup**. The British team, who will race for the Royal Yacht Squadron, was formed in 2014 before joining forces with INEOS in 2018 and is now embarking on their third consecutive campaign to finally bring home the Auld Mug, the oldest trophy in international sport. A trophy that Britain has never won.

Everyone in the team from the ground up is rooted in the same belief, that we are here to win and our laser focus extends to the whole of the support team, which needs to cope with the challenges of a three year campaign.

ROLE OVERVIEW

The **Systems Support Engineer** will play a key role as the main interface to the embedded configuration of the yacht and associated test rig programmes. The successful candidate will be responsible for the preparation, configuration, and calibration of the on-boat electronic and control systems. The role will play a central part in shoreside yacht operations, ensuring that data acquisition from the yacht and its sub-systems is timely to the technical group for end-user performance analysis.

CONTRACT DETAILS

This role is a full time, fixed term contract through to Summer 2024. You will initially be based Brackley, UK and international travel will be required.

KEY RESPONSIBILITIES

- Assist in the testing of the yacht electronic, control, and hydraulic systems prior to installation
- Monitor the health of the on yacht electrical, control and hydraulic systems while running and in post-analysis
- Act as a reference for build technicians on questions of yacht system build specification and operating procedures
- Assist in the production of event reports detailing faults and problems encountered at test rig and shoreside events in support of the Teams reliability function



- Responsible for ensuring that yacht systems are built to exacting specification, liaising with the technical leads
- Responsible for the preparation, configuration, and calibration of the on-boat electronic and control systems
- Support test rig events, executing run plans as specified by the Test & Validation Lead

CANDIDATE PROFILE

- Strong academic background, with a Mechanical, Electronics, Engineering Degree (2:1 minimum grade) or another STEM subject
- Works effectively under pressure and to tight deadlines
- Experience in data analysis
- Highly motivated self-starter with excellent communication skills
- Experience in a similar role from high performance sailing or a motorsport function would be preferable but not essential
- Knowledge of Beckhoff systems or a similar PC-based embedded control technology would be advantageous
- Experience with programming languages such as Python, VBA, MATLAB, C++ would be beneficial
- Ability to debug and diagnose electronic issues with a fundamental knowledge of comms protocols and electronics is essential