

Case History

Hinkley Point Marine Operations



Project Description

Sealand Projects were appointed by DEME to support the development Marine Operations Assurance Manual for managing Crew Transfer & SIMOPS during marine works at the Hinkley Point C facility, which were scheduled to commence in Q2 2021 and extend through Q2 2023.

The focus was the assessment of transfer methodology, logistics, quayside facilities, nominated vessel interfaces and marine operational controls required to facilitate the safe and efficient transfer of crew.

A HAZID workshop was facilitated to engage key stakeholders; to highlight gaps, opportunities, risks, and areas for improvement; prior to developing the detailed engineering.

Services Provided



Package Management



Business Assurance



Carbon Management



Energy Transition



Engineering Design & Analysis



Marshalling, Transport, Installation & Field Support



Floating systems, Towing, Mooring & Hook-up



Visualisation and Digitalisation

Key Facts

Client: DEME

Location: Bristol

Water Depth: 5 - 20m

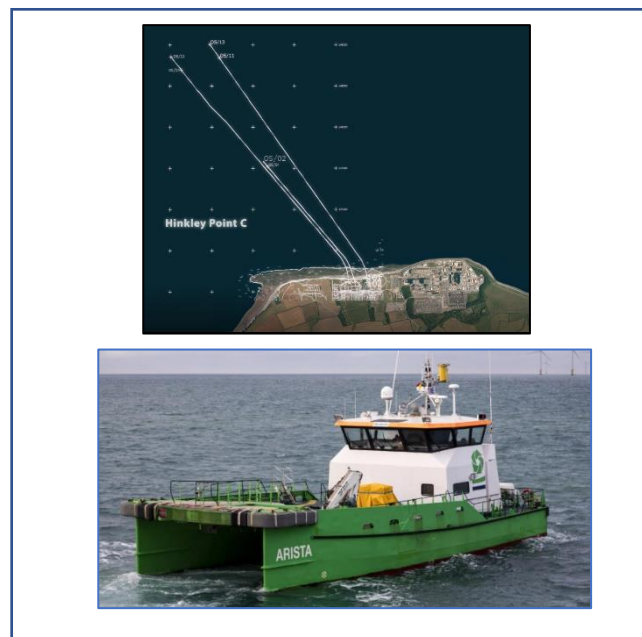
Dates: Q1 2021

Project Reference – P0481



Our Scope

- Identify the marine operational activities and potential SIMOPS scenarios.
- Review the methodology, logistics, quayside facilities, nominated vessel interfaces and marine operational controls required to facilitate the safe and efficient transfer of crew.
- Plan and facilitate a Pre-Operations Review HAZID for the Marine Crew Transfer Operations.
- Population of Risk Register - capturing follow up actions, time frame and responsible parties for close-out.
- Develop a Marine Crew Transfer Assurance Roadmap to manage Crew Transfers & SIMOPS Matrix for marine works at the Hinkley Point C facility.



Deliverables

- HAZID Workshop Report
- Integrated Risk Register for the Marine Crew Transfer Operations
- Marine Crew Transfer Assurance Roadmap
- Marine Crew Transfer SIMOPS Matrix



Renewables



Oil & Gas



Ocean Systems



Pathway to
Net Zero