

# CASE HISTORY

## SOFIA OWF Route Preparation

### Project Description

The SOFIA offshore windfarm is one of four Dogger Bank OWF projects, situated 165 km off the UK east coast and will have an installed capacity of 1.4GW.

Oceaneering International Services Ltd awarded to utilise a 15m Route Preparation Plough to clear a total of 47.4 km of debris and boulders from the proposed route corridor to allow cable lay and burial operations to proceed with minimal risk.

### Our Scope

Project Engineering to Support Oceaneering Management for the planning and preparation activities required to ensure readiness for execution.

Development of necessary project deliverables.

Support plough readiness activities and liaise with Oceaneering technical teams such as plough condition and maintenance, arranging modification and seafastening design.

Liaise with Oceaneering internal stakeholders (Survey / ROV) and ensure understanding of scope and alignment on project requirements.

Develop and maintain integrated Action Register to monitor readiness status / project interfaces.

Develop HIRA workscope presentation(s) and pre-populate HIRA record sheets.

### Deliverables

Project Operation procedure;  
Mobilisation procedure;  
Offshore procedures inc. Lift plans;  
Action Register;  
Master Equipment List;  
HIRA workscope presentation(s) and pre-populated record sheets;  
Offshore DPR's;  
As-Built Report.



### Key Facts

<b>Client:</b>	Oceaneering
<b>Location:</b>	North Sea
<b>Water Depth:</b>	20m - 90m
<b>Date:</b>	Q1 - Q3 2023
<b>Project Reference:</b>	P0778

### Services Provided

#### Package Management

Business Assurance  
Carbon Management  
Energy Transition  
Engineering Design and Analysis  
Marshalling, Transport, Installation and Field Support  
Floating systems, Towing, Mooring and Hook-Up  
Visualisation and Digitalisation

### For more information:

Tel: +44(0)1224 004999  
Email: [enquiries@sealand-projects.com](mailto:enquiries@sealand-projects.com)  
Web: [sealand-projects.com](http://sealand-projects.com)