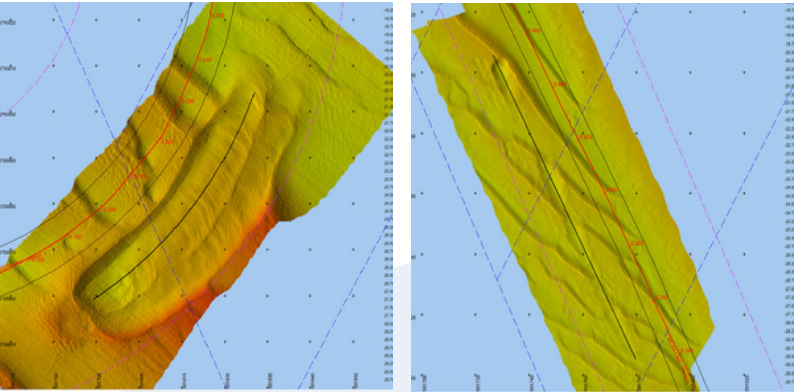


Sandwave Clearance - North Sea



Project Overview

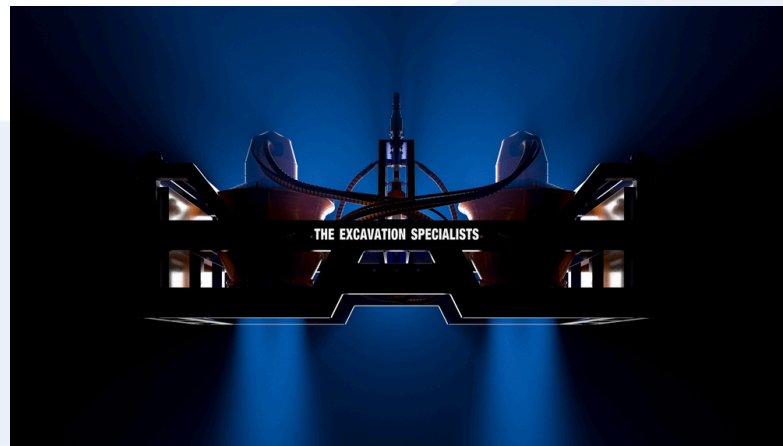
Van Oord contracted Rotech Subsea to support sandwave clearance operations in an offshore wind farm located in the Belgian North Sea. The objective was to clear sandwaves to allow access for the burial of the Norther Inter-Array Cable (IAC). The project faced challenging soil conditions, described as very dense silty sand to clay, with sandwaves reaching heights of up to 2.5 metres in water depths of up to 35 metres.

The Rotech Solution

Rotech Subsea deployed its TRS2 Controlled Flow Excavation (CFE) tool, selected for its superior technical and performance capabilities. The subsea spread of equipment was mobilised aboard the Topaz Tangaroa and deployed using the vessel's crane. The TRS2 was chosen specifically for its ability to maximise productivity and reduce overall project costs through efficient excavation in challenging seabed conditions.

Results

The operation successfully cleared all targeted sandwaves, enabling full access to the Norther IAC for burial. The TRS2 achieved an average excavation rate of 3 metres per minute, delivering a high-performance outcome in difficult seabed conditions and contributing to the overall success of the project.



Project Information

Client: Van Oord

Scope: Sandwave Clearance

Water Depth: Up to 35m

Soils: Very dense silty sand to clay

Vessel: Topaz Tangaroa

