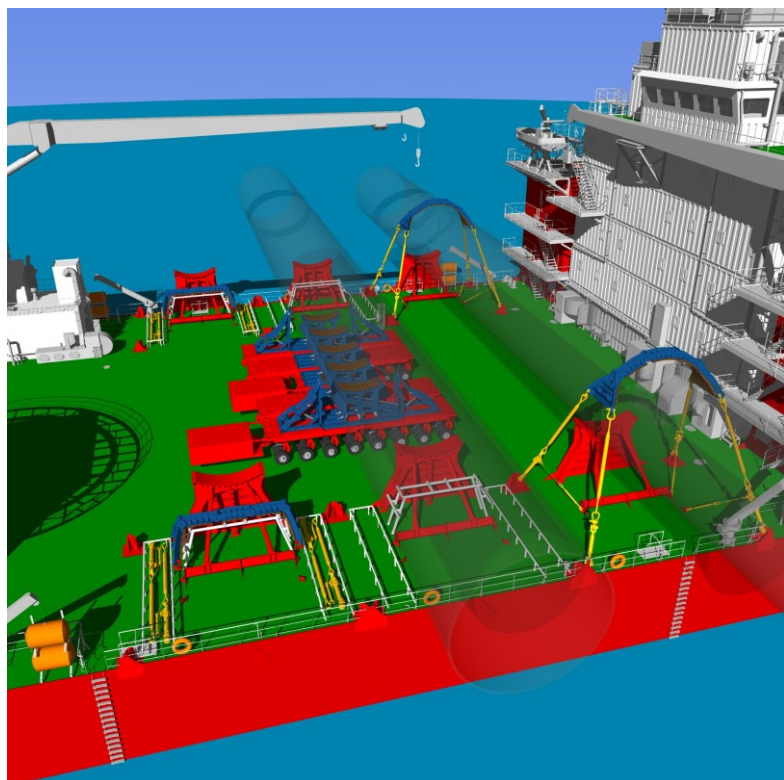




MONOPILE HANDLING & SKIDDING SEAJACKS ZARATAN

Conbit was awarded the contract to provide a solution to fasten monopiles on the Zaratan during transportation and to bring monopiles into the range of the deck crane.

The Zaratan self-propelled jack up will be used to install monopiles for the offshore wind industry.



PROJECT

- ✓ ENGINEERING
- ✓ PROCUREMENT
- ✗ INSTALLATION

Client
Seajacks UK Ltd

Project
Grillage, seafastening and
horizontal skidding of monopiles

MONOPILE HANDLING & SKIDDING SEAJACKS ZARATAN

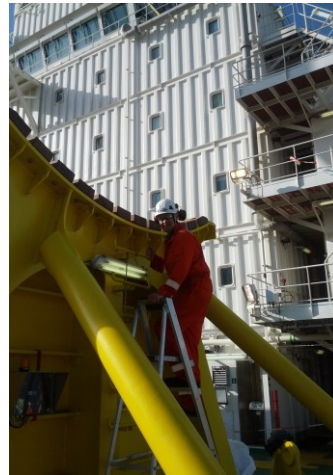
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Picture: SPMT's with extra lift capacity.



Picture: Tests on board of the Zaratan.



Picture: Monopile grillage.



Picture: Sea fastening saddles on storage.



Picture: Tensioning system.



Picture: Test facility including test pile.

MONOPILES

LENGTH: ±60MT

WEIGHT: 550-670MT

Using SPMT's to horizontally transport the monopiles into the lifting area.

Conbit designed the complete solution and did procurement for this part of the project, including the saddles and rental of the SPMT's.

Sea fastening of these large monopile structures required special attention. Conbit produced a lashing construction.

100MT of force is pulled into each lashing and the load can be monitored real-time by the captain.

"USING UNCONVENTIONAL METHODS TO SOLVE COMMON CHALLENGES MIGHT DECREASE THE OVERALL PROJECT COSTS AND RISKS. THAT IS WHAT SETS CONBIT APART FROM ITS COMPETITORS"