

## THE POWER OF PREPARATION

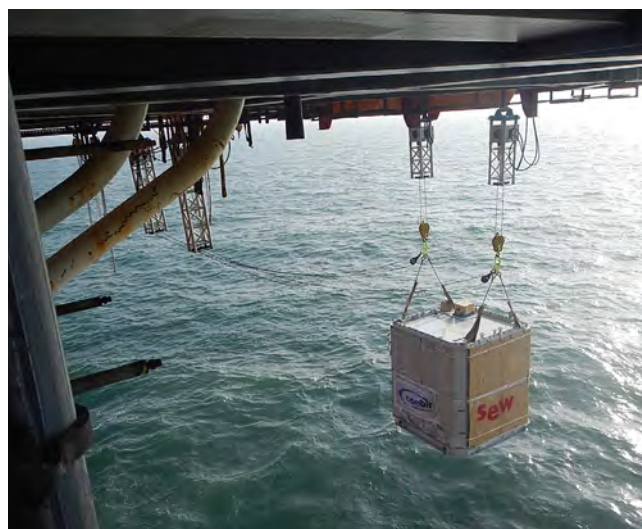


## OIL TANK INSTALLATION GROVE

Centrica Production Nederland BV awarded Conbit a transport and installation contract for the installation of a diesel oil storage tank on their Grove platform.

The Grove platform is located approximately 133 km north east of the coast of great Yarmouth on the UK Continental Shelf of the North Sea.

The combination of Conbit's structural engineering skills and special lifting experience provide a unique combination for below deck lifting installation solutions.



### PROJECT

- ✓ ENGINEERING
- ✓ PROCUREMENT
- ✓ INSTALLATION

### Client

Centrica Production Nederland BV

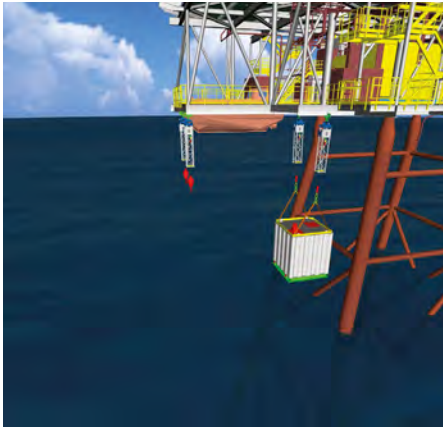
### Project Name

Oil Tank Installation Grove

**centrica**



PART OF THE ALE GROUP



Picture: Project preparation



Photo: Load test



Photo: Lift below dock



Photo: The Grove platform



Photo: Lifting directly from the supply vessel

## SCOPE OF WORK

The scope of work included structural engineering, transport and installation engineering, supply of special equipment and offshore crew to execute the installation and coordination of the entire project.

## ALTERNATIVE LIFTING SOLUTION

The lifting method included four small hydraulic winches working simultaneously. The winches were hanging from the helideck and the winch cable was guided through a specially designed component at the end of trusses. First the tank was hoisted with the two front winches. The load was then transferred to the two back winches before being lowered into its final position.

The tank was lifted directly from the supply vessel, which reversed towards the platform until it reached the designated location.

**"LIFTING UNDERNEATH A DECK IS CHALLENGING BUT DOES NOT REQUIRE LARGE CRANE VESSELS"**