Installation of Oil Platform Jacket

Case study: West Africa

OVERVIEW
Core Grouting Services was contracted to provide the material, equipment and personnel for the installation of a 6 legged offshore platform 10km off the coast of West Africa.

After jacket placement 6 sockets were drilled and piles placed into the sockets. Cement grout was then pumped into the annulus between the piles and drilled sockets to secure the structure.

EQUIPMENT
• Bulk Mixing Spread or high speed mixing unit
• Offshore culk cement silos

SCOPE OF WORK
• Pre-project grout testing and material optimisation
• Mixing and pumping of grout product subsea via pipework
• Offshore material testing and validation
• Cement quantity of 123 tonnes.
The quality of the grout was continuously monitored and sampled during each operation.

Grout pumping was completed on average in 30 minutes per pile.

- Core mobilised grouting equipment and cement silos direct to West Africa
- Portland cement was used for the project and supplies were replenished offshore
- Core completed grout testing to optimise the mix prior to the project