



SIKA AT WORK

ENI CONGO LITCHENDJILI FIELD (WP3 PACKAGE) FLNG MOORING SYSTEM

OFFSHORE & MARINE CONSTRUCTION
MARINE INFRASTRUCTURE

BUILDING TRUST



ENI CONGO LITCHENDJILI FIELD (WP3 PACKAGE) FLNG MOORING SYSTEM



PROJECT DESCRIPTION

Sika successfully completed its first project for ENI Congo, executing the grouting of seventeen anchor mooring piles and one structural single pile. The work was carried out approximately 20 kilometers offshore from Pointe-Noire, Republic of Congo, in water depths ranging from 15 to 20 meters.

Project name: ENI Congo Litchendjili Field (WP3 Package) FLNG Mooring System
 Location: Pointe-Noire, Congo
 Year: 2023 - 2024
 Application: Installation of Mooring and Breasting Dolphins
 Product: SikaGrout®-9610

PROJECT REQUIREMENTS

The scope of the work included:

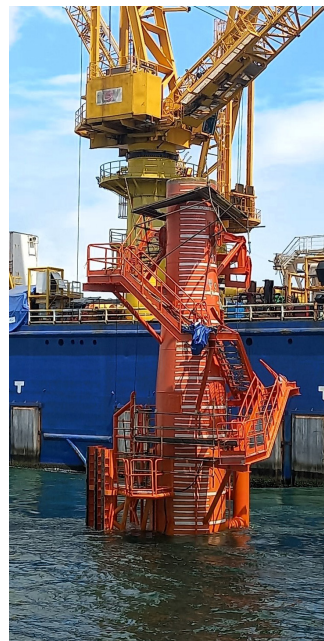
- Preparation of the grouting procedure and supporting documentation
- Supply and delivery of SikaGrout® UHPC and lubrication mix
- Provision of grout hoses, valves, and other relevant installation equipment necessary for the grouting work
- Deployment of a calibrated, fully equipped mobile offshore laboratory
- Provision of a toolbox container and 7 offshore crew members, including a grouting supervisor/engineer and lab team.

The client supported operations with three big bag operators and riggers, providing 24-hour coverage. Upon completion, a Close-Out Report (COR) was submitted, including:

- Onsite quality monitoring reports
- Daily reports summarizing the grouting work, progress, and total consumption of grout
- Post-grouting cube compressive strength test results, completed in certified lab
- Certificates of completion for grout filling
- Equipment function testing certification

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



SIKA SOLUTIONS

Sika provided 685 MT highly flowable SikaGrout®-9610 UHPC material and 10 MT SikaGrout®-9010 binder, which was applied over the course of 17 days. Compressive testing was carried out at the offshore mobile laboratory on day 1-, 3-, and 7. The 28-day test and any outstanding cube tests, which were not completed at the time the pile installation was finished, were tested in a third-party certified lab.

PROJECT PARTICIPANTS

Project owner: Sapura Energy / ENI Congo S.A.

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