

Case Study

Installation of Helicoid Epoxy Sleeve[®]

Type of Work

Riser Repair Services

Location

Gulf Of Guinea

Client

Seplat Energy

Platform

EDOP-B

Project Completed

November 2025



RISER REPAIR

Background:

In November 2025, Merit Technologies Sdn Bhd with WEAfri Well Services Company Ltd undertook one (1) numbers of 6-Inch Riser and one (1) numbers of 10-Inch Riser repair for strengthening and protection located at the Gulf Of Guinea with a total 7m of Helicoid repair length with additional STOPAQ wrapping for all horizontal section, flanges and riser clamps.

Scope:

- To perform Surface Preparation via High Pressure Water Jetting removing the existing coating and marine growth.
- To perform winding of HDPE sleeve and Carbon Fibre.
- To perform mixing and injection of epoxy grout for the Helicoid sleeve.
- To wrap the horizontal section, flanges and riser clamps using STOPAQ Corrosion Protection Wrapping.

Client Benefit:

- Helicoid Epoxy Sleeve system and STOPAQ corrosion protection wrapping was used in tandem to provide for vertical and horizontal corrosion protection in one repair mobilisation covering underwater section right up to the termination at the Shut Down Valve (SDV).

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RISER REPAIR



Winding HDPE



Epoxy Grouting



Surface Preparation



STOPAQ Wrapping



Completed Installation

