

# Case Study

Installation of Helicoid Epoxy Sleeve<sup>®</sup>

## CONDUCTOR REPAIR

### Type of Work

Conductor Repair Services

### Location

Gulf of Guinea

### Client

Seplat Energy

### Platform

UNAM-B

### Project Completed

October 2025



### Background:

In October 2024, Merit Technologies Sdn Bhd with WEAfri Well Services Company Limited to undertake four (4) numbers of corroded conductors for strengthening and protection located at offshore in the Gulf of Guinea with total 7m of repair length.

### Scope:

- To perform Surface Preparation via High Pressure Water Jetting removing the thick rust and existing coating.
- To perform winding of HDPE sleeve and Carbon Fibre.
- To perform mixing and injection of epoxy grout for the Helicoid sleeve.

### Client Benefit:

- MTSB successfully executed the conductor repair activity using Helicoid Epoxy Sleeve system at splash zone which provides cost effective and efficient solution to the client and will help the client to avoid further corrosion build up that may cause pinholes and thereafter parted of the casing.

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## CONDUCTOR REPAIR



Surface Preparation



Winding HDPE



Original Condition



Epoxy Grouting



Completed Installation

