

Project Datasheet

Project PETROLOG (Block O Subsea Cable Installation, Offshore Angola)

Scope Provision of rental equipment for subsea power cable installation Angola.

1. Project Overview

End 2022, Blue Offshore was contracted by PETROLOG to provide equipment, crew, and engineering services to install subsea power cables offshore Angola Block O (GIP-Fox, WJ 72-37, and WJ 72-43) in shallow waters ranging from 28.9 to 81 meters. The work was executed over two campaigns. Petrolog's client was Operatec Angola, to deliver the total scope to the end client Chevron Angola.

2. Scope of work

Under this contract, Blue Offshore provided the following equipment:




- Loading Tower 02 with a 15Te Tensioner
- 10Te Deck Tensioner
- 10'ft Control Cabin
- Rollers
- Certified rigging to lift equipment on/off the vessel



Figure 1 • Loading Tower 02 onboard Norman Energy - Offshore close to Sonils, Angola

Contact

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The Loading Tower 02 was installed on the aft deck of the Norman Energy. It was placed centralised in between two static tanks with the loading arm being able to reach both tanks for unloading these tanks.

Each of the 11 cables was coiled into a single static tank and after 2 tanks were empty, the vessel had to go back to Sonils Port, to unload the empty tanks and place the next full tanks on the aft deck.



Figure 2 • Loading Tower 02 onboard Norman Energy - Offshore close to Sonils, Angola




A extra deck tensioner was used to control the power cable before going over the chute overboard.



Figure 3 • 10Te Deck Tensioner 04 onboard Norman Energy - Offshore close to Sonils, Angola

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The equipment was transported to Angola via a Heavy Lift Vessel (HLV) and mobilised on board the Normand Energy.

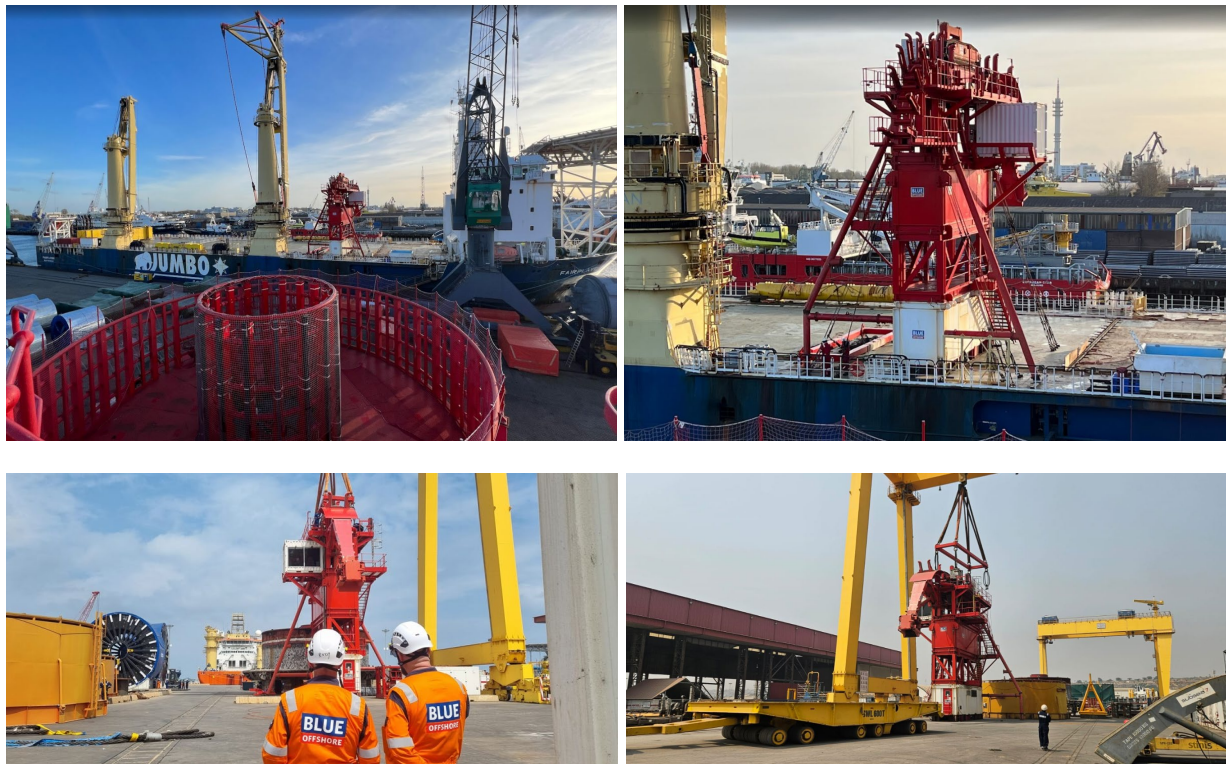


Figure 4 • (De-)Mobilisation onboard Norman Energy - Sonils Port, Angola

Blue Offshore supported the installation of two campaigns of subsea power cables from static tanks, providing offshore crew for continuous 24-hour operations. Blue Offshore also provided close support for deck layout and seafastening during the installation campaigns, including the supply of the required seafastening materials.




Project management and engineering support were delivered from Blue Offshore based in the Netherlands.

3. Timing

The contract was awarded in October 2022. The equipment was shipped November 2022 and the first campaign of 4 weeks execution in Q1-2023. Hereafter a standby period, followed by a second campaign of 3 weeks execution in Q2-2024. The equipment was back in Rotterdam in August 2024.

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