

Laying & Burial

2010

MANIFA project (Power cable)

TRAVOCEAN Middle East has been contracted by VALENTINE MARITIME SAUDI LIMITED to perform Power Cables laying and trenching services in Manifa Oil Field in KSA with Saudi Aramco as final client.

For this work, TRAVOCEAN has proposed a specific burial spread taking into account the specific conditions of the field which is crossing some environmental sensitive areas with shallow water zones (approx. 6 to 11 m) and hard soil conditions (calcarenite). TM04 LD TRAVOCEAN trencher has been used to perform the power cables protection on areas below 7.50 m water depth.

The scope of work was the following :

- Laying of six power cable segments between Drill Sites facilities and offshore platforms.
- Simultaneously burial of the cables where the water depth was less than 7.50 m below the Lowest Astronomical Tide (LAT).
- 30 km of power cables (OD 109mm) where laid with 14 km buried in hard soil conditions.

TRAVOCEAN Middle East has performed and completed the following activities:

- Provide the cable trenching spread including TM04 trencher, 1 control room, 1 workshop, 1 rigging and 1 spare parts container, 30 tons A-Frame and associated handling system.
- Provide the cable laying system to be installed onboard Maridive Constructor barge: 2 Linear Cable Engine with control cabin, deck rollers, cable gantry, cable chute.
- Provision of personnel for assembly and loading of equipment onboard Maridive Constructor barge.
- Mobilisation/demobilisation of burial equipments at VALENTINE yard in Mussafah (UAE).
- Operating of the laying (Linear Cable Engine) and burial equipment including provision of personnel and spare parts.
- Document the as buried position of the cables using a full electronic logging system.

Schedule : June to September 2010

Submarine Cable Installation

Etablissement de Marseille

Le Mistral C - Z.A. Athélia IV
375, avenue du Mistral - CS 60136
13703 La Ciotat Cedex (France)

Tel. +33 (0)4 42 18 34 00
Fax. +33 (0)4 42 70 46 64
E-mail: ldtravocean@ldtravocean.com

www.ldtravocean.com

