

Shore Ends Installation

2016

Fitzroy Darwin project (fibre-optic cable)

In February 2016, LOUIS DREYFUS TRAVOCEAN has been contracted by Alcatel Lucent Submarine Networks Ltd to perform a Direct shore end landing in Darwin for the Fitzroy project.

Darwin is located in Australia, Northern Territory. The Fitzroy project is a fiber optic network between Darwin and Port Hedland operated by Nextgen with links to oil and gas platforms. LOUIS DREYFUS TRAVOCEAN has previously performed the 2 x 44km separate shore end landing in Port Hedland, Western Australia, late 2015.

Darwin shore end consists of 3 km of fiber optic cable installed from the shore to 20 m water depth through a 1 km directional drill.

The installation was performed using a 16 x 7 m barge locally chartered, fitted with 2 thrustmaster units. The work site, located just outside Darwin harbor, is characterized by a strong tidal current and changing weather conditions at this time of the year. Crossing the dry sand bar, right on the cable route, was also a challenge for this operation.

Once cable installed on the pre-defined route, the barge has been modified and the TO Mobile trencher was mobilized onboard. TO Mobile is a dedicated crawler fitted with jetting system. This machine is operated from surface and the water jets are powered with a deck water pump allowing 2 m burial depth target to be reached where the cable was not protected by HDD.

Schedule : January / February 2016



Submarine Cable Installation

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