

## Repair Work

2017

### IFA 2000 - Power Link between France & UK ( power cable )

LOUIS DREYFUS TRAVOCEAN repaired on behalf of RTE and National Grid 4 of the 8 submarine cables being part of the IFA2000 electrical link between France and England.

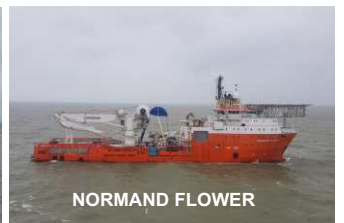
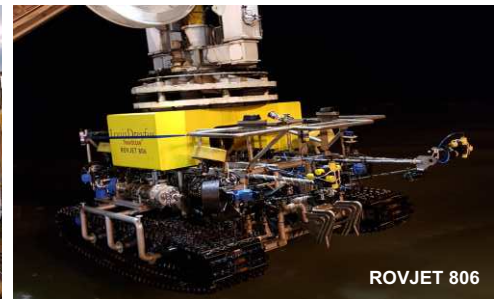
These cables are buried in pairs, and form 4 routes about 1 km apart from one another. The defaults concerned 2 of these cable routes and were located about 6 km off Folkestone, in 20 to 25 meters of water depth (LAT).

In addition to a guard ship and Crew Transfer Vessel based in Dover, LOUIS DREYFUS TRAVOCEAN chartered 3 support vessels with dynamic positioning:

- The Olympic Triton, was mobilized at the end of December 2016 in Dunkerque, with the ROVJET 806, the MED1 machine and a diving spread. Its role was to debury the cables, to prepare them to facilitate the work of the repair vessels, and then to protect the repaired cables.
- The Siem N-Sea, was mobilized in Dunkirk in early January 2017, with 1800m of spare cable and repair equipment (cable chute, cable tank, cable way, tensioners, diving spread and ROV ). It was charged with repairing a pair of cables.
- The Normand Flower, was mobilized as of the 20<sup>th</sup> of January 2017, with 1600m of spare cable and repair equipment (cable chute, cable tank, cable way, tensioners, and ROV ). It was charged with repairing of the second pair of cables.

Offshore cable repair operations were carried out in parallel on both sites.

Schedule : End of November 2016 to beginning of March 2017



### Submarine Cable Installation

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