

Project Datasheet

Project	Oseberg Delta 2
Scope	Pipelay and Subsea Installation Project

1. Project Overview

The Oseberg Delta 2 field is located in the Norwegian North Sea at approximately 8km southwest of the Oseberg Field Centre. The project is a subsea tie-back to the existing seabed infrastructure at the Oseberg D Platform. Subsea 7 awarded Blue Offshore a lease agreement for a basket carousel system. The modular flexible pipe installation system was assembled in Kalundborg, Denmark, and mobilised onto the Normand Oceanic vessel.



Figure 1 • Normand Oceanic with Blue Offshore's cable installation system.

2. Scope of Work




Blue Offshore assisted Subsea 7 with the provision of a flexible pipe installation system, including a 23m outer diameter basket carousel, loading tower assembly with loading arm, 15Te tower tensioner, control system and other associated equipment, together with operational assistance. The maximum payload of the basket carousel is 5,000Te. For this project the maximum payload was 3,130Te, the weight of the flexible pipe was 355kg/m.

The scope of work included the following elements:

- Project management and engineering;
- Basic and detailed design;

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- Fabrication and construction services;
- Equipment assembly and commissioning;
- Mobilisation onto and demobilisation from DP2-vessel Normand Oceanic;
- Flexible pipe loading;
- Flexible pipe transport from NOV flexible pipe factory to Oseberg Delta 2 field;
- Flexible pipe installation.



Figure 2 • Sheerleg barge lifting carousel.



Figure 3 • Lifting of carousel onto Normand Oceanic.

3. Project Schedule

- | | |
|-----------------------------|-----------------|
| • Contract Award | 1 November 2013 |
| • DP2-vessel mobilisation | 7 May 2014 |
| • Cable loading | 13 May 2014 |
| • Cable installation | 21 May 2014 |
| • DP2-vessel demobilisation | 29 May 2014 |






Figure 4 • Lifting of loading tower.



Figure 5 • Carousel loaded with flexible pipe.

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