

Project Datasheet

Project	Borssele Offshore Windfarms
Scope	Provision of basket carousel and loading tower

1. Project Overview

VBMS (now Boskalis Subsea Cables & Flexibles), in consortium with NKT Cables, has been awarded a contract by TenneT for the installation of export cables that will connect the Borssele offshore wind farms 3 and 4 to TenneT's onshore grid in the Netherlands. VBMS has involved Blue Offshore for the provision of a rental basket carousel to support submarine cable transport and storage for the Borssele project. The minimum required storage capacity is 1,800 tonnes, maximum available required capacity is 5,000 tonnes. In addition, VBMS required a rental loading tower and tower tensioner for the installation of submarine cables for the same project.

2. Scope of Work

Blue Offshore provided its basket carousel BC02, with an outer diameter of 23m and a fill height of 8m, capable of carrying up to 5,000 tonnes. The basket carousel has been mobilized onto Boskalis' barge Smitbarge 9.



Figure 1 • Blue Offshore's basket carousel on Boskalis' Smitbarge 9.

Contact

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Blue Offshore also provided its loading tower LT02, with a height of 16m, complete with a 15Te tower tensioner, HPUs, hydraulic motors, control cabin, loading arm and 4m OD tower chute. The loading tower has been mobilized onto Boskalis' vessel Giant 7.

This project is a perfect example of the modularity of Blue Offshore's equipment. Blue Offshore's basket carousel was easily integrated with the equipment of Boskalis on Smitbarge 9, such as the drive units, while the loading tower with tower tensioner and controls was easily integrated with the client's equipment onboard Giant 7.



Figure 2 • Blue Offshore's loading tower on Boskalis' Giant 7, integrated with VBMS equipment.

3. Timing

The project took place from June 2018 to June 2019.

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