

# Project Datasheet

**Project** Ørsted Hornsea Project One Windfarm

**Scope** Storage of power cables on barge

## 1. Project Overview

NKT Cables is providing 220kV high-voltage AC submarine export cables for the Hornsea Project One offshore windfarm. NKT required temporary storage of several cables on a barge.

## 2. Scope of Work

Blue Offshore provided its BC01 system, with a basket carousel with outer diameter of 23m. The system was mobilised onto the barge DAMEN TESS in Rotterdam, NL. The standard fill height of the basket carousel is 8m; for this project the fill height was increased to 10m. Also the loading tower was increased in height to 18m, to match the height of the basket carousel. The total payload capacity of this basket carousel is 5,300 tonnes in harbour conditions.



Figure 1 • Blue Offshore's BC01 23m OD, 10m fill height, mobilized on DAMEN TESS in Rotterdam, NL.

### Contact

For more information visit our website [www.blueoffshore.com](http://www.blueoffshore.com) or contact our office:

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In addition to the provision of the storage facility on a barge, Blue Offshore provided support for transpooling operations from NKT's transportation vessel and onshore basket carousel into Blue Offshore's storage facility on the barge and from the barge into the installation vessel Connector.

### 3. Timing

The project duration is from November 2017 to June 2018.



Figure 2 • Blue Offshore's BC01 23m OD, basket carousel 10m fill height and loading tower 18m total height.

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