



GERMAN OFFSHORE WINDFARM EXPORT CABLE STORAGE

PROJECT INFORMATION

EQUIPMENT PROVIDED

- 5500Te Basket Carousel
- Loading Tower c/w 10Te Spooling Tensioner
- 15Te Tensioner – Quayside
- 3m MBR Chute – Quayside

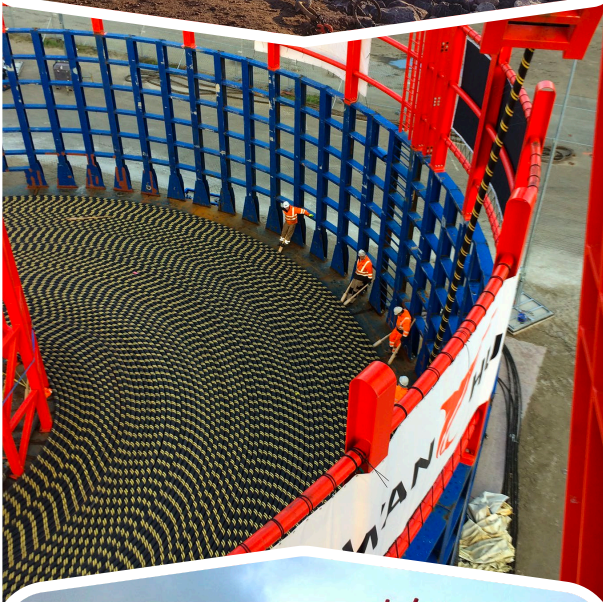
PRODUCT DETAILS

- HVDC EXPORT CABLES – 2 X 35KM, 128MM OD, 40 KG/M

PROJECT OVERVIEW

Swan Hunter were awarded a contract for medium term onshore storage of HVDC Offshore Wind Export Cables for a field development in the German North Sea Sector.

After a fast track tendering and feasibility stage, the newly completed DOC-Swan Hunter Storage & Spooling Yard and Basket Carousel Spread provided the optimum combination for the client's urgent requirement for cable storage and spooling capacity.



SWAN HUNTER'S SCOPE OF WORK

- Cable Storage Yard & Services
- Provision of 5500Te Basket Carousel
- Provision of Loading Tower c/w 10Te Spooling Tensioner
- Provision of 15Te Tensioner – Quayside
- Provision of 3m MBR Chute - Quayside
- Equipment Operators
- Mobilisation, Operational, and Engineering Support

EQUIPMENT DESIGN SOLUTIONS

Several specific design features were utilised to allow for an efficient equipment mobilisation and commissioning period, and to ensure product integrity:

- Modular tower structure allowed for prompt assembly of main component parts on-site.
- Hook-up and commissioning durations minimised with QD couplings on internal and external manifolds / bulkheads / junction boxes.
- Pre-calibrated product squeeze settings on 10Te and 15Te tensioners guarantees product integrity in line with cable manufacturers specified values.

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