



AFLOAT REPAIRS



BorWin Gamma Safely Hooked-Up by CTS Teams

Overview:

The BorWin gamma topside has been successfully welded to its jacket by CTS Teams, a location 130km off the German shore, deep in the North Sea. This key milestone marks completion of a critical hook-up phase during the massive offshore project that will deliver enough clean energy over one million homes via the German national grid.

Constructed between 2014 and 2018 at DryDocks World in Dubai, and commanding half of its capacity, this 900MW HVDC converter platform began its voyage to where it would be united with its jacket, already installed 40m's deep. During its journey the megastructure battled treacherous weather conditions and was delayed despite its impressive size and construction as the sophisticated equipment and technology housed within the chassis demanded proper protection.

Upon arrival, the BorWin gamma topside was installed utilising dynamic float-over methodology, a first for the method in the North Sea. Weighing a monumental 18,000 tonnes and heavier than Big Ben, the 6 legs were intelligently placed over the jacket's main piles, commencing our vigilant hook up activities to secure the topside to its substructure. This critical and complex phase carried out by CTS teams was completed to exacting standards and to schedule while adhering to a multitude of HSEQ regulations, braving the winter in North Sea and safely fulfilling the contract with zero lost time injuries, a standard we maintain across all our projects.

Set to convert AC from offshore windfarms to DC and transmitted by a 160km long cable for the German national grid, this pioneering project will set the tone for future constructions and importantly, pushes the needle closer to a world powered by clean energy.

CLIENT: Petrofac / TenneT

VESSEL: BorWin gamma, HVDC

DATE: February 2019

LOCATION: North Sea, Germany



Feedback:

"This marks a momentous milestone for the project in its endeavour to provide a huge population with renewable energy, we are proud to be part of this project and have successfully executed the critical hook-up phase."

- Gulber Suri, CEO
CTS Offshore and Marine Limited