

INSTALLATION OF 80 TRANSITION PIECE FOUNDATIONS

General

Project	Butendiek Offshore Wind Park Development
Location	German Bight, Danish waters
Water depth	15-40 m
Client / Operator	Ballast Nedam Offshore / OWP Butendiek
Award date	Q4 2013
Installation date	Q2/Q3 2014

Technical data

Quantity / Size / Weight	80 Transition Pieces, each <ul style="list-style-type: none"> • O.D 5.5 m • Height 31.0 m • Weight 330T
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Equipment Resources

Installation Vessel	Jumbo Javelin
Key Equipment	<ul style="list-style-type: none"> • 700T Fly Jib • 2 x 400T Passive Heave Compensator • Remotely controlled hydraulic lift beam • Mono Pile Cleaning Spread • Motion Compensated Gangway (Ampelmann) • Grouting spread • Survey Spread



Scope of Work

The scope of work comprised of the project management, engineering, inshore loading (Esbjerg), offshore transport and installation onto pre-installed Mono Piles of 80 Transition Pieces. Jumbo's detailed scope also included the design and supply of all installation aids, lifting gear, grillages and sea fastenings.

Project Highlight

Jumbo Javelin proved highly efficient by installing all 80 Transition Pieces (TPs) from "Quayside-To-Seabed" in only 10 voyages.