

TP TRANSPORT & INSTALLATION

General

Project	Greater Gabbard Offshore Wind Farm
Location	South East of the UK
Water Depth	24 - 34 meter
Client	Fluor Ltd / Greater Gabbard Offshore Winds Ltd. (RWE/SSE)
Award date	Q4 2008
Installation date	Q2 2010

Technical data

Quantity / Size / Weight	131 Transition Pieces of 280 Tonnes each
--------------------------	--

Equipment Resources

Installation Vessel	Jumbo Javelin
Key Equipment	<ul style="list-style-type: none"> • Motion compensated Access system • 2x Passive lifting compensator (SWL 300T) • Grout plant • 2x Remote-release spreader bar



Scope of Work

The scope of work comprised of the Transport and Installation of 131 Transition Pieces onto pre-installed Monopiles, including the levelling and grouting. Each trip the Jumbo Javelin loaded nine 280t TP's including the associated grout quantity. At location each TP was placed onto the Monopile in a specified orientation and levelled to its final position. To fixate the TP, the annulus was filled with grout.

Project Highlight

This was the first Offshore Wind Project where the Transition Pieces were installed by a floating vessel on DP, on a fixed Lump Sum basis.

Jumbo Offshore performed the Transport and Installation operations in only 15 trips, with a record-breaking overall average of 1 TP per day.