

PROVISION OF FPSO MOORING SYSTEM INSTALLATION

General

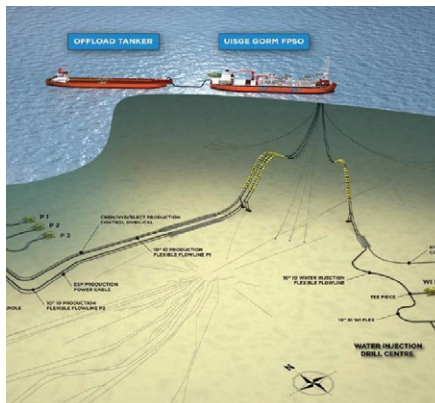
Project	Alma and Galia Field Development.
Location	Central North Sea, UK Block 30/24, 30/25 and 30/29
Water depth	80 m
Client / Operator	EnQuest
Award date	Q3 2012
Installation date	mid 2013

Technical data

Quantity / Size / Weight	<p>9 leg FPSO Mooring System comprising of:</p> <ul style="list-style-type: none"> • 84” Anchor Piles (up to 40 m length) • 9 x 1,150 m length SSW of 142 mm Chain, total length of 7.6 km • Mooring leg tensioning up to 500TBP
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Equipment Resources

Installation Vessel	Fairplayer
Key Equipment	<ul style="list-style-type: none"> • Hydraulic hammer (S500) • 84” ILT • Anchor pile installation frame • 2 x Working Class ROV, up to 125 HP • Stev-tensioning VA1000 and 22mt Stevshark anchor. • Reel Drive System plus 150 ton winch • Gypsy winches



Scope of Work

FPSO mooring system installation including the fabrication of anchor piles, preparation, mobilization, transit to field and installation of anchor piles, bottom chain, mooring wires and top chain, including the pre-tensioning of the mooring legs up to 500TBP.

Theme / Highlight

Utilizing the enormous hold and the 900T mast cranes, Fairplayer took inshore onboard all equipment for onward transit to site and offshore installation “All-in-one-go”.