

## PROVISION OF FPSO (FPF-1) MOORING SYSTEM INSTALLATION

### General

Project	Greater Stella Area Development Project
Location	Central North Sea, UK Block 29/10a & 30/6a
Water depth	90 m
Client / Operator	Ithaca Energy Inc.
Award date	Q1 2014
Installation date	Q3 2014

### Technical data

Quantity / Size / Weight	12-leg FPSO Mooring System comprising of: <ul style="list-style-type: none"> <li>• 12 x 84" x 35 m Driven Anchor Piles</li> <li>• 1 x 84" x 31 m Driven SAL Pile</li> <li>• 7 km of 120 mm Chain/127 mm Tri-Chain</li> <li>• 9.5 km of 115 mm sheeted Spiral Strand Wire</li> </ul>
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### Equipment Resources

Installation Vessel	Fairplayer and AHV Olympic Hera
Key Equipment	<ul style="list-style-type: none"> <li>• IHC S-800 Hydrohammer</li> <li>• 84" ILT</li> <li>• 72"-96" Fast Frame</li> <li>• 50T Max. Pull Chain Winch</li> <li>• SSW Reel Drive System/ 20T Tensioner</li> <li>• 2 x Working Class ROV's (200hp/ea)</li> <li>• Survey Spread</li> </ul>



### Scope of Work

The scope of work comprised of the engineering, onshore marshalling, inshore loading (Rotterdam), offshore transport and installation, including pre-tensioning, of all mooring lines at location. Each mooring line consisted of several chain/tri-chain sections, shackles, tri-plates, H-links and spiral strand wires (SSWs) connected to a mooring pile driven into the seabed. In addition a SAL anchor pile is installed.

### Project Highlight

Mike Travis, Chief Developments Officer and Stella Asset Manager (Ithaca) states: "Good planning, teamwork, communication and application of learnings are always hugely important and this is what we saw on this project [...] Well done and we look forward to working with Jumbo again in the future".