

Code of Practice on Access to Upstream Oil and Gas Infrastructure on the UK Continental Shelf

Provision of Information

Name of Infrastructure:	Pierce field FPSO	Date:	November-07
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The Haewene Brim Floating Production Storage and Offtake (FPSO) vessel processes oil and gas from the Pierce field. Oil is exported via shuttle tankers and gas is reinjected into the reservoir. The following data is presented to enable prospective users to determine whether or not the infrastructure has the potential to meet their transportation and processing requirements.

Entry Specification	Sweet crude oil and associated gas. 2 mol% CO ₂ , H ₂ S<5ppm.
Exit Specification	BS&W: 0.5% Vol, Re-injection gas: 5000 psi, Water Injection: 95kbbls/d @ 5000 psi, oil storage 600 kbbls.
Outline details of primary separation processing facilities	Production Manifolds, Subsea flowlines, Crude oil heater. 1st and 2nd stage separation, test separator. 2x 100% crude oil heaters, 3 x 50% crude oil export pumps.
Outline details of gas treatment facilities	Single train 3 stage reinjection gas compression system. Gas conditioning plant for future gas export system.

KEY TO CAPACITY INFORMATION: The basic capacity information is portrayed by a colour coded 'traffic lights' that reflect thresholds of availability over at least the next 5 years, as follows:

Traffic Light' Colour	Ullage as % of system capacity
Red	<5%
Amber	5% to <25%
Green	>25%

Pierce field FPSO firm processing capacity available.

	Capacity (include units)	Ullage as % of system capacity							Comments (if any)
		2008	2009	2010	2011	2012	2013	2014	
Oil export capacity	70kbbls/d								No Export Pipeline
Gas compression capacity	120MMscf/d								No Export Pipeline
Gas export capacity	N/A								
Gas lift capacity	110MMscf/d								
Produced water handling capacity	40kbbls/d								
Dehydration capacity	N/A								Available on commencement of gas export
H ₂ S removal capacity	N/A								No facility
Water injection capacity	95kbbls/d								

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