

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

Provision of Information

Name of Infrastructure: **Curlew**

December-07

The Curlew FPSO produces oil from the Curlew B, C and D fields, oil is tanker loaded and gas is exported via the Fulmar Gas Line

Entry Specification	Sweet crude oil
Exit Specification	Gas export via SEGAL see FGL spec; Oil to tankers-dead and dry
Outline details of primary separation processing facilities	1 x HP separator, 1 x MP stage, 1x LP stage, 12 oil cargo tanks @ 7000m ³ each.
Outline details of gas treatment facilities	1x gas compression train LP/MP and Eport, TEG dehydration

*Fulmar Gas Pipeline Operating Procedures Manual, 2314-001

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

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

Curlew FPSO firm processing capacity available

	Capacity (include units)
Oil export capacity	7100m ³ /d
Gas compression capacity	3.1 mmscm/d
Gas export capacity	3.1 mmscm/d
Gas lift capacity	Gas lift installation planned in 2009. Design capacity currently in progress.
Produced water handling capacity	6000scm/d
Dehydration capacity	As compression
H ₂ S removal capacity	N/A
Water injection capacity	None installed

	2008	2009	2010	2011	2012	2013	Comments (if any)
Oil export capacity	Yellow	Yellow	Yellow	Yellow	Yellow	Red	
Gas compression capacity	Green	Green	Green	Green	Yellow	Yellow	
Gas export capacity	Green	Green	Green	Green	Yellow	Yellow	
Gas lift capacity							
Produced water handling capacity	Red	Red	Yellow	Yellow	Yellow	Yellow	
Dehydration capacity	Green	Green	Green	Green	Yellow	Yellow	
H ₂ S removal capacity							
Water injection capacity							

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