

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

Provision of Information

Name of Infrastructure:	Cormorant Alpha	September-07
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Cormorant Alpha is an entry point for the Brent Oil Export System. The platform receives fluids from Brent, North Alwyn, Dunlin, Murchison, Thistle, North Cormorant, Eider and Tern. The Platform has gas import and export capability through the Western Leg to FLAGS.

Entry Specification	Sweet crude oil
Exit Specification	Brent System Specification for oil, FLAGS specification for gas
Outline details of primary separation processing facilities	3 x 1st stage and 1 x 2nd stage separators, 2 x oil coolers then to Cormorant Alpha storage. 4 x storage cells (2 for CA + 2 for Brent System Owners), 1 x MOL pump
Outline details of gas treatment facilities	Operate in gas export or import mode. TEG dehydration

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%

Cormorant Alpha Firm processing capacity available

	Capacity (include units)	Ullage as % of system capacity						Comments (if any)
		2007	2008	2009	2010	2011	2012	
Oil export capacity	30,000 scm/d	Red	Amber	Amber	Amber	Amber	Amber	
Gas compression capacity	0.92 mmscm/d	Red	Red	Red	Red	Red	Red	
Gas export capacity	0.92 mmscm/d	Red	Red	Red	Red	Red	Red	
Gas lift capacity	Shared with gas export	Red	Red	Red	Red	Red	Red	
Produced water handling capacity	45,000 scm/d	Amber	Amber	Amber	Amber	Amber	Amber	
Dehydration capacity	As compression	Red	Red	Red	Red	Red	Red	
H2S removal capacity	scavenger	Amber	Amber	Amber	Amber	Amber	Amber	
Water injection capacity	19,000 m3/d	Green	Green	Green	Green	Green	Green	

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Contacts: For further enquiries regarding the above please contact Yvonne Rankin-Patullo on +44 01224 882928 or at yvonne.rankinpatullo@shell.com