

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

Provision of Information

Name of Infrastructure:	SEAL System	Date:	01/09/2007
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The data should be to a sufficient level and time horizon to enable prospective users to determine whether or not the infrastructure has the potential to meet their transportation and processing requirements.

About the System:	SEAL System transports sales quality gas from the Shearwater and Elgin Franklin platforms to the Bacton Gas Terminal on the Norfolk coast and subsequently onto the adjacent Transco and I(UK) transmission facilities. The 34-inch diameter line was commissioned in 2000 and has a total length of 474 km. Entry can be gained by agreement with the Owning Parties through the existing platforms which currently export into the SEAL System, or via a spur enabling direct access into the pipeline.
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Entry Specification	GCV: 38.0-42.3 MJ/Sm ³ , WI: 48.3-51.2 MJ/Sm ³ , O ₂ : <= 10 ppmV, CO ₂ : <= 2.0 mol%, H ₂ S: <= 3.3 ppmV (incl of COS), ICF: <= 0.48, SI: <= 0.6, Total Sulphur: <= 15 ppmV, Methanol: <= 5mg/Nm ³ , H ₂ O Dew Point: <= -10C up to 75 Barg, HC Dew point: <= -2C up to 75 Barg, Inerts: <= 7.0 mol% (5.0 mol% N ₂ max), Pressure: <= 145 Barg, Temperature: <= 80C
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Exit Specification: NTS	GCV: 36.9-42.3 MJ/Sm ³ , WI: 48.1-51.4 MJ/Sm ³ , O ₂ : <= 10ppmV, CO ₂ : <=2.0 mol%, H ₂ S: 3.3 ppmV, Total Sulphur: <= 15 ppmV, ICF: 0.48, SI: <= 0.6, H ₂ O Dew point <= -10C up to 75 Barg, HC Dew Point: <= -2C up to 75 Barg, Inerts: <= 7.0 mol% (5.0 mol% N ₂ max), Pressure: 55-75 Barg inclusive*, Temperature: 1-38C inclusive. *Delivery Pressure dependent on NTS back pressure.
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Exit Specification: SILK	GCV: 38.9-44.6 MJ/Nm ³ , WI: 50.9-54.0 MJ/Nm ³ , O ₂ : <= 10ppmV, CO ₂ : <=2.0 mol%, H ₂ S: 3.3 ppmV, Total Sulphur: <= 15 ppmV, H ₂ O Dew point <= -10C at 69 Barg, HC Dew Point: <= -2C at 69 Barg, Pressure: 45-70 Barg inclusive*, Temperature: 1-20C inclusive. *Delivery Pressure dependent on SILK back pressure.
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As a minimum, and by way of an example, this basic capacity information could be equivalent to each infrastructure section being portrayed through consistent 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%

If interruptible capacity can be made available over and above the firm capacity, the extent and timing availability of such interruptible capacity should be stated (eg. for calendar years 2004 to 2006, 100 mmscfd interruptible capacity in summer, 20 mmscfd in the winter). Enter in comments box.

	Capacity (include units)	Ullage as % of system capacity					Comments (if any)
		2007	2008	2009	2010	2011	
SEAL Capacity	35 mscm/d						

Commercial Terms	SEAL System Owners will engage with potential customers and offer commercial terms in accordance with the Code of Practice on Access to Upstream Oil and Gas Infrastructure on the UK Continental Shelf.
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Data Requirements:	<ol style="list-style-type: none"> 1. Production Profile(s), development programme. 2. Compositional and chemical injection data 3. Field Owners 4. Relevant supplementary information
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