

Infrastructure Code of Practice (ICOP) - Access to Upstream Oil and Gas Infrastructure on the UK Continental Shelf

Name of Infrastructure :	Perenco Dimlington Terminal
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Last Updated:	June 2014
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Entry Specification :	O2	≤1.0mol%	Wobbe	47.2-41.41MJ/m ³
	CO2	≤2.0mol%	Temperature	1-36°C
	H2S	<3.3ppm	H2O	~1bbl/mmscf
	S	<35ppm	Gross CV	≤42.25MJ/m ³

Gas Purity :	Gas shall be commercially free from objectionable odours and materials, and dust or other solid or liquid matter, waxes, gums and gum forming constituents, which might damage or adversely affect operation of the Perenco Dimlington Terminal & National Grid
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Exit Specification :	Sales Specification of National Grid Transco
Outline Details of primary separation processing facilities :	Slug catchers and separation with Refrigeration dewpoint reduction for hydrocarbons and water

CAPACITY INFORMATION KEY

Key Colour	Ullage as % of System Capacity
Red	<5%
Amber	5% to <25%
Green	>25%

AVAILABLE CAPACITY

	Daily Capacity (including units)				
		2014	2015	2016	2017
Gas Treatment Capacity :	600 mmscf				
Condensate Stabilisation Capacity :	528m ³				

No interruptible capacity is available

For further enquiries regarding the above please contact Andrew Sanders, Commercial Manager, Perenco UK Limited, 1 Franklins Row, London SW3 4SW

E-mail: asanders@uk.perenco.com

Telephone: 020 7368 9250

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Infrastructure Code of Practice (ICOP) - Access to Upstream Oil and Gas Infrastructure on the UK Continental Shelf

Name of Infrastructure :	Cleeton
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Last Updated:	June 2014
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Entry Specification :	O2	≤1.0mol%	Wobbe	36.0-52.2MJ/m ³
	CO2	≤2.0mol%	Temperature	33-100°F
	H2S	<1.0ppm	H2O	~1bbl/ mmscf
	S	<15ppm	Gross CV	≤42.3MJ/m ³

Gas Purity :	Gas shall be commercially free from objectionable odours and materials, and dust or other solid or liquid matter, waxes, gums and gum forming constituents, which might damage or adversely affect operation of the Perenco Dimlington Terminal & National Grid
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Outline Details of primary separation processing facilities :	Slug catchers to coalescers, to single state Compression Station, Fiscal Metering, Condensate Reinjection, produced water re-injection down single well, Export Pipeline to Dimlington
Outline Details of gas treatment facilities :	Slug catchers and separation with Refrigeration dewpoint reduction for hydrocarbons and water

CAPACITY INFORMATION KEY

Key Colour	Ullage as % of System Capacity
Red	<5%
Amber	5% to <25%
Green	>25%

AVAILABLE CAPACITY

	Daily Capacity (including units)	2014	2015	2016	2017
Gas Pipeline Export Capacity :	700 mmscf				
Gas Compression Capacity :	450 mmscf				
Gas Dehydration Capacity (@ 36Barg) :	220 mmscf				

No interruptible capacity is available

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Infrastructure Code of Practice (ICOP) - Access to Upstream Oil and Gas Infrastructure on the UK Continental Shelf

Name of Infrastructure : Ravenspurn North

Last Updated: June 2014

Entry Specification :	O2	≤1.0mol%	Wobbe	1272-1351btu/cf
	CO2	≤2.0mol%	Temperature	33-100°F
	H2S	<3.3ppm	H2O	~1bbl/mmscf
	S	<35ppm	Gross CV	973-1115btu/cf

Gas Purity : Gas shall be commercially free from objectionable odours and materials, and dust or other solid or liquid matter, waxes, gums and gum forming constituents, which might damage or adversely affect operation of the Perenco Dimlington Terminal & National Grid

Outline Details of primary separation processing facilities : 3 phase slug-catchers (ST1, ST-2 & JN) & production separator (RN WT1), combined flow to production coalescer then to 1st stage compressor suction scrubber. JN flow stream passes through a gas metering skid prior to entering into combined ST & RN gas stream.

Outline Details of gas treatment facilities : 1 x Nuovo Pignone Gas Compression Skid (GE 7 LM2500 series driver), 2 stage (LP/HP) gas compressor with 1st & 2nd stage suction scrubbers, seawater cooled intercooler and export cooler. Cooled export gas passes into a TEG gas dehydration contactor and finally through the RN gas metering skid, prior to discharging into a 24" export pipeline to Cleeton.

CAPACITY INFORMATION KEY

Key Colour	Ullage as % of System Capacity
Red	<5%
Amber	5% to <25%
Green	>25%

AVAILABLE CAPACITY

	Daily Capacity (including units)	2014	2015	2016	2017
Gas Treatment Capacity :	380 mmscf				
Condensate Stabilisation Capacity :	112.6 mmscf				

No interruptible capacity is available

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Infrastructure Code of Practice (ICOP) - Access to Upstream Oil and Gas Infrastructure on the UK Continental Shelf

Name of Infrastructure :	West Sole
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Last Updated:	June 2014
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Entry Specification :	O2	≤1.0mol%	Wobbe	47.2-51.41MJ/m ³
	CO2	≤2.0mol%	Temperature	1-38°C
	H2S	<3.3ppm	H2O	~1bbl/mmscf
	S	<35ppm	Gross CV	36.87-42.25MJ/m ³

Gas Purity :	Gas shall be commercially free from objectionable odours and materials, and dust or other solid or liquid matter, waxes, gums and gum forming constituents, which might damage or adversely affect operation of the Perenco Dimlington Terminal & National Grid
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Outline Details of primary separation processing facilities :	3 Phase Separation, Gas, Condensate, water, West sole/Seven Seas/Newsham Metering, Export Pipeline to Easington
Outline Details of gas treatment facilities :	No gas treatment, corrosion inhibitor to infrastructure

CAPACITY INFORMATION KEY

Key Colour	Ullage as % of System Capacity
Red	<5%
Amber	5% to <25%
Green	>25%

AVAILABLE CAPACITY

	Daily Capacity (including units)	2014	2015	2016	2017
Gas Treatment Capacity :	400 mmscf				
Condensate Stabilisation Capacity :	300 mmscf				

No interruptible capacity is available

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Infrastructure Code of Practice (ICOP) - Access to Upstream Oil and Gas Infrastructure on the UK Continental Shelf

Name of Infrastructure :	Amethyst
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Last Updated:	June 2014
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Entry Specification :	O2	≤1.0mol%	Wobbe	47.2-51.41MJ/m ³
	CO2	≤2.0mol%	Temperature	1-38°C
	H2S	<3.3ppm	H2O	~1bbl/mm scf
	S	<35ppm	Gross CV	36.87-42.25MJ/m ³

Gas Purity :	Gas shall be commercially free from objectionable odours and materials, and dust or other solid or liquid matter, waxes, gums and gum forming constituents, which might damage or adversely affect operation of the Perenco Dimlington Terminal & National Grid
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Outline Details of primary separation processing facilities :	3 Phase Separation, Gas, Condensate, water, West sole/Seven Seas/Newsham Metering, Export Pipeline to Dimlington
Outline Details of gas treatment facilities :	No gas treatment, corrosion inhibitor to infrastructure

CAPACITY INFORMATION KEY

Key Colour	Ullage as % of System Capacity
Red	<5%
Amber	5% to <25%
Green	>25%

AVAILABLE CAPACITY

	Daily Capacity (including units)	2014	2015	2016	2017
Gas Treatment Capacity :	300 mm scf				
Condensate Stabilisation Capacity :	120 mm scf				

No interruptible capacity is available

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