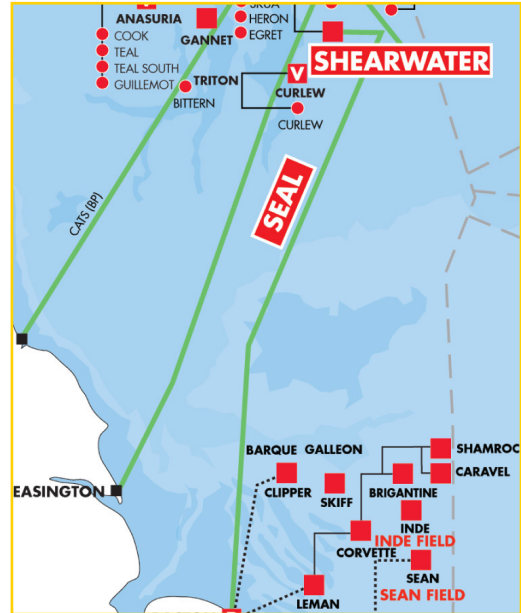
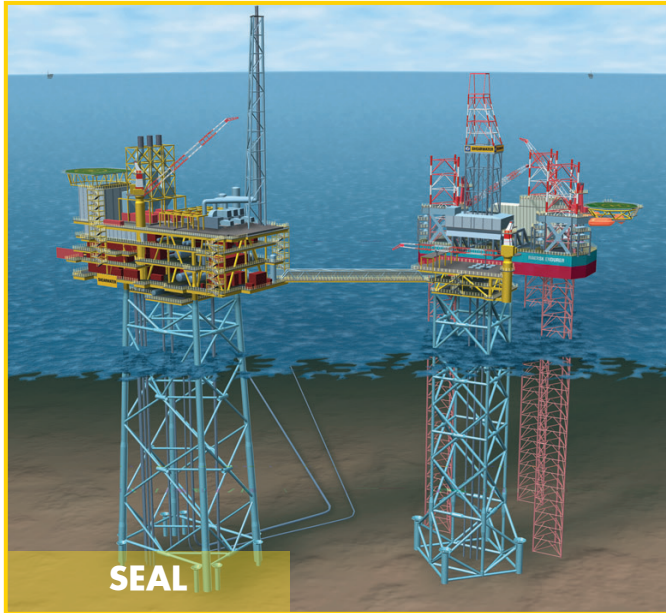




SHEARWATER ELGIN AREA LINE (SEAL)



SEAL

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

KEY FACTS

Sector	Central North Sea
Commissioned	2000
Diameter	34 inch diameter
Hydrocarbons Produced	Gas
Export Method	Exported to the Bacton Terminal on the Norfolk coast
Operated / Non Operated	Operated

INFRASTRUCTURE INFORMATION

Entry Specification:	GCV: 38.0-42.3 MJ/Sm ³ , WI: 48.3-51.2 MJ/Sm ³ , O ₂ : $\leq 10\text{ ppmV}$, CO ₂ : $\leq 2.5\text{ mol\%}$, H ₂ S: $\leq 3.3\text{ ppmV}$ (incl of COS), ICF: ≤ 0.48, Sl: ≤ 0.6, Total Sulphur: $\leq 15\text{ ppmV}$, Methanol: $\leq 5\text{ mg/Nm}^3$, H ₂ O Dew Point: $\leq -10\text{C}$ up to 75 Barg, HC Dew point: $\leq -2\text{C}$ up to 75 Barg, Inerts: $\leq 7.0\text{ mol\%}$ (5.0 mol% N ₂ max), Pressure: $\leq 145\text{ Barg}$, Temperature: $\leq 80\text{C}$
Exit Specification NTS:	GCV: 36.9-42.3 MJ/Sm ³ , WI: 48.1-51.4 MJ/Sm ³ , O ₂ : $\leq 10\text{ ppmV}$, CO ₂ : $\leq 2.5\text{ mol\%}$, H ₂ S: 3.3 ppmV, Total Sulphur: $\leq 15\text{ ppmV}$, ICF: 0.48, Sl: ≤ 0.6, H ₂ O Dew point $\leq -10\text{C}$ up to 75 Barg, HC Dew Point: $\leq -2\text{C}$ up to 75 Barg, Inerts: $\leq 7.0\text{ mol\%}$ (5.0 mol% N ₂ max), Pressure: 55-75 Barg inclusive*, Temperature: 1-38C inclusive. *Delivery Pressure dependent on NTS back pressure.
Exit Specification SILK	GCV: 36.9-42.3 MJ/Sm ³ , WI: 48.1-51.4 MJ/Sm ³ , O ₂ : $\leq 10\text{ ppmV}$, CO ₂ : $\leq 2.0\text{ mol\%}$, H ₂ S: 3.3 ppmV, Total Sulphur: $\leq 15\text{ ppmV}$, ICF: 0.48, Sl: ≤ 0.6, H ₂ O Dew point $\leq -10\text{C}$ up to 75 Barg, HC Dew Point: $\leq -2\text{C}$ up to 75 Barg, Inerts: $\leq 7.0\text{ mol\%}$ (5.0 mol% N ₂ max), Pressure: 55-75 Barg inclusive*, Temperature: 1-38C inclusive. *Delivery Pressure dependent on NTS back pressure.

HIGH LEVEL CAPACITY INFORMATION

The basic capacity information is portrayed by colour coded 'traffic lights' that reflect thresholds of availability over the next 5 years

Available Capacities



Capacity	Ullage as % of system capacity					Comment
	2021	2022	2023	2024	2025	

SEAL Capacity 35mscm/d (including Units)

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.

Data Requirements

1. Production Profile(s), development programme.
2. Compositional and chemical injection data
3. Field Owners
4. Relevant supplementary information

CONTACT INFORMATION

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 +44 1224 88 2606 Charles.Cole@shell.com

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