



SHEARWATER



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Shearwater is a normally manned integrated Process, Utilities and Quarters (PUQ) platform which is bridge linked to a Wellhead (WH) Platform. The Shearwater field is a high pressure, high temperature (HP/HT) reservoir.

KEY FACTS

Block	22/30b
Sector	Central North Sea
Approx distance to land	225km (140 miles) East of Aberdeen
Water Depth	295ft (90m)
Hydrocarbons Produced	Condensate and Gas
Export Method	Wet Gas is exported via Fulmar Gas Line in to wider SEGAL system. Crude is exported via FPS
Operated / Non-Operated	Operated

INFRASTRUCTURE INFORMATION

Entry Specification:	Well fluids with <3.4mol% CO2 and <50ppmv H2S
Exit Specification:	Gas: CO2 <1.6mol%, H2S <2.5ppmv; Liq: TVP 8.62@15.6°C, BS&W <2%vol
Outline details of Primary separation processing facilities:	Single train separation with 1st stage @40barg (LP operation) and 80 barg (HP operation) and 2nd stage @ 14 barg
Outline details of gas treatment facilities	Gas sweetening process, dehydration process and mercury removal

HIGH LEVEL CAPACITY INFORMATION (from mid 2020)

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

Available Capacities ■ >25% ■ 5% to 25% ■ <5% Unknown

Shearwater Platform Firm processing capacity available	Ullage as % of system capacity				
	2024	2025	2026	2027	2028
Oil export capacity - up to 48kbbld					
Gas export capacity - 320mmscfd					
Gas lift capacity - N/A					
Produced water handling capacity - 8000bbld					
Dehydration capacity - 320mmscfd					
H2S removal capacity - 320mmscfd					
Water injection capacity - N/A					

CONTACT INFORMATION

Shell For further enquiries regarding the above please contact ABE-Notices@shell.com

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