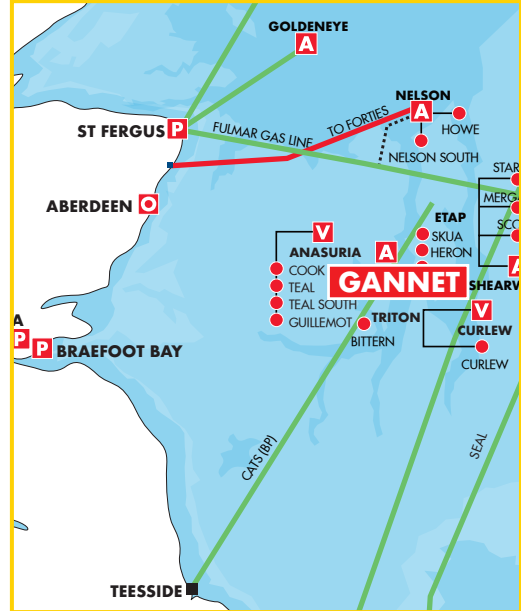




GANNET COMPLEX



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The Gannet Complex comprises of a fixed drilling and production platform for Gannet A, B, C, D, E, F and G fields. Gannet Alpha installation is a fixed offshore drilling, production and accommodation platform which processes oil and gas from the Gannet A, B, C, D, E, F and G fields. The Gannet B, C, D, E, F and G fields are exploited via subsea wellheads tied back to the Gannet A installation by oil and gas production, gas lift and gas injection pipelines.

KEY FACTS

Block	22/21, 21/25, 21/30, 21/25b, 21/30b, 21/30c, 21/30d, 22/21a, 22/21b, 22/26a
Sector	Central North Sea
Approx distance to land	180km (112 miles) East of Aberdeen
Water Depth	312ft (95m)
Hydrocarbons Produced	Oil and Gas
Export Method	Oil is pumped via Fulmar A and exported via the Norpipeline Export System to Teesside. Gas is exported to Gannet diverter then piped via Fulmer gas pipeline to St Fergus.
Operated	Operated

INFRASTRUCTURE INFORMATION

Entry Specification:	Sweet Crude Oil and associated gas
Exit Specification:	Refer to Fulmar Gas line Entry Specification
Outline details of Primary separation processing facilities:	Two HP and three LP 1st stage separators, multiple stages of gas compression, three further stages of oil/water/gas separation, produced water handling with overboard discharge.
Outline details of gas treatment facilities:	Multiple stages of gas compression, glycol contactor for gas dehydration and export coolers

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 ■ >25% ■ 5% to 25% ■ <5% Unknown

Gannet firm processing capacity available	Ullage as % of system capacity					Comment
	2018	2019	2020	2021	2022	
Oil export capacity - 62,900 bbls/d						HP Oil Export Pumps P-1030/31 limit
Gas compression capacity - 212 mmscf/d						Based on K-2040 Capacity
Gas export capacity - 113 mmscf/d						Export PCV has been replaced (August 2017)
Gas lift capacity - 99 mmscf/d						Based on 'Gas compression capacity' - 'Gas export capacity'
Produced water handling capacity - 74,000 bbls/d						Based on the capacity of IGFU unit at 11,900 m3/d
Dehydration capacity - 160 mmscf/d						Based on V-2060 capacity
H2S removal capacity - N/A	None present					
Water injection capacity - N/A	None present					

CONTACT INFORMATION

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