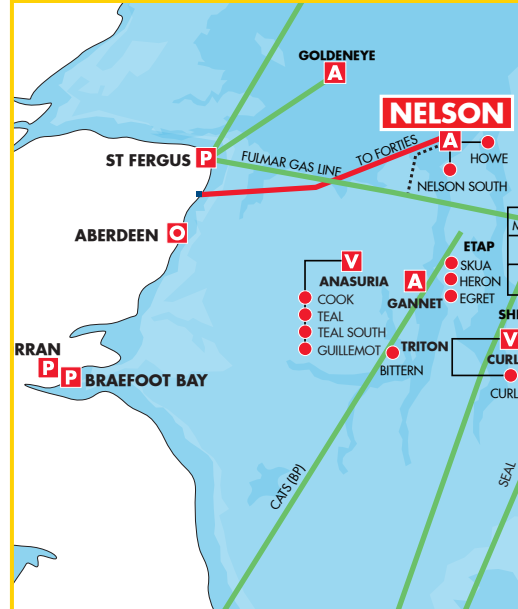




NELSON



NELSON



NELSON

The Nelson installation comprises of a single, manned drilling and production platform and a subsea satellite tied back to the platform.

The Nelson cluster consists of the Nelson field, Howe and Bardolino are subsea tie-backs. The southern subsea satellite comprises of a cluster of four subsea producer wells.

The Howe subsea satellite comprises of two production wells tied back to Nelson platform.

The Bardolino subsea satellite comprises of one producing well adjacent to the wellhead.

KEY FACTS

Block	22/11a, 22/12a, 22/6a, 22/7a
Sector	Central North Sea
Approx distance to land	200km (124 miles) East North East of Aberdeen
Water Depth	298ft (88m)
Hydrocarbons Produced	Oil and Gas
Export Method	Oil exported via Forties Pipeline System Gas exported to St Fergus via the Fulmar Gas Pipeline
Operated / Non-Operated	Operated

INFRASTRUCTURE INFORMATION

Entry Specification:	Sweet Crude Oil
Exit Specification:	Refer to Fulmar Gas Line Entry Specification
Outline details of Primary separation processing facilities:	Single stage gravity separator (with series test separator), coalescer, hydro cyclones, active produced water flash drum for overboard water and oil export coolers
Outline details of gas treatment facilities:	3 stage compression, glycol contactor 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

Nelson Platform firm processing capacity available	Ullage as % of system capacity					Comment
	2016	2017	2018	2019	2020	
Oil export capacity - 145 kbbbl/d						
Gas compression capacity - 122 mmscf/d						
Gas export capacity - 20 mmscf/d						
Gas lift capacity - 116 mmscf/d						
Dehydration capacity - as compression						
H2S removal capacity						Materials NACE rated for sour service, facilities also in place for H2S scavenger
Produced water handling capacity - 170 kbbbl/d						
Water injection capacity - 120 kbbbl/d						PWRI - no longer facility to inject seawater

CONTACT INFORMATION

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