NELSON

INSTALLATION

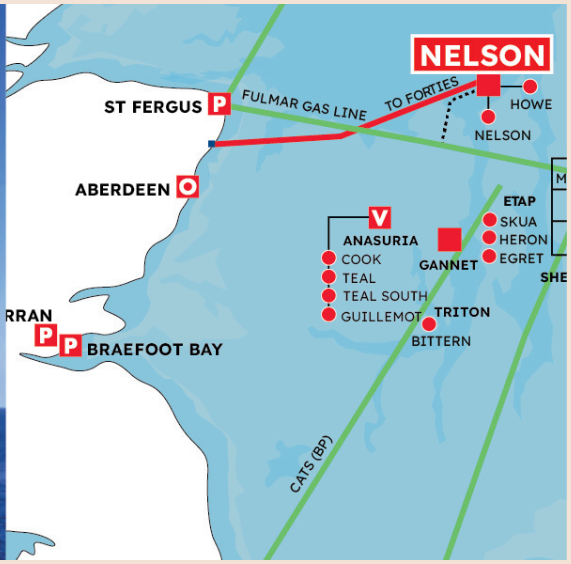
The Nelson installation comprises of a single, manned drilling and production platform and a subsea satellite tied back to the platform.

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 which is owned and operated by Shell comprises of two production wells tied back to Nelson platform.

The Bardolino subsea satellite compromises of one producing well adjacent to the wellhead, where Bridge Petroleum are the Licence Operator.



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 FPS Oil Export Entry 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
	2026	2027	2028	2029	2030	
Oil export capacity - 145 kbbl/d	🟢	🟢	🟢	🟢	🟢	
Gas compression capacity - 122 mmscf/d	🔴	🔴	🔴	🔴	🔴	
Gas export capacity - 59 mmscf/d	🟢	🟢	🟢	🟢	🟢	
Gas import capacity - 20 mmscf/d	🟢	🟢	🟢	🟢	🟢	
Gas lift capacity - 116 mmscf/d	🔴	🔴	🔴	🔴	🔴	
Dehydration capacity - as compression	🔴	🔴	🔴	🔴	🔴	
H2S removal capacity - 0.0378 m3/h H2S scavenger injection	🟢	🟢	🟢	🟢	🟢	Materials NACE rated for sour service.
Produced water handling capacity - 170 kbbl/d	🔴	🔴	🔴	🔴	🔴	
Water injection capacity - 170 kbbl/d	○	○	○	○	○	PWRI system no longer used

CONTACT INFORMATION

Adura: For further enquiries regarding the above please contact ABE-Notices@adura.com

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