

# NORTH CORMORANT

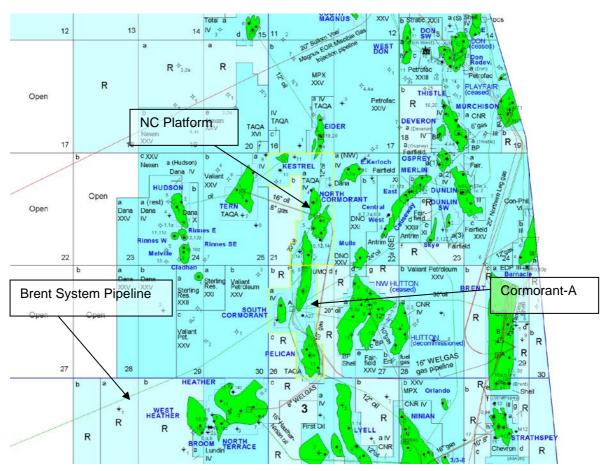
The North Cormorant platform is wholly owned and operated by TAQA Bratani Limited. It is a Steel Structure in the East Shetland Basin, Northern North Sea at a water depth of 161 metres and was installed in 1981.

### **About TAQA**

TAQA's UK business (TAQA Bratani Limited) is a wholly owned subsidiary of the Abu Dhabi National Energy Company PJSC (TAQA).

Established in 2005, TAQA is a diversified utilities and energy group headquartered in Abu Dhabi, the capital of the United Arab Emirates, and is listed on the Abu Dhabi Securities Exchange (ADX: TAQA). TAQA has significant investments in power and water generation, transmission and distribution assets, as well as upstream and midstream oil and gas operations. The company's assets are in the United Arab Emirates as well as Canada, Ghana, India, Iraq, Morocco, Oman, the Netherlands, Saudi Arabia, the United Kingdom and the United States.

For more information, please visit: www.taqa.com



Source: Wood MacKenzie



### NORTH CORMORANT

### **Platform Statistics**

Operator	TAQA Bratani Limited 100%	Water depth	161m
Participants	TAQA Bratani Limited 100%	Location	NNS, East Shetland Basin
Platform Type	Fixed Jacket	Blocks	211/26

# **Capacity and Ullage Projection**

The North Cormorant platform process system is nominally designed for the following quantities however, peak flow rates may exceed these values.

# **Available Capacities:**



NORTH CORMORANT							
	Oil	Oil	PW	Water	Gas	Gas	Gas
	Export	Process	Treatment	Injection	Compression	Lift	Export
2021							
2022							
2023							
2024							
2025							

Please note this does not reflect the economic CoP date.

## **Entry Specification**

This will be evaluated on a case by case basis.

# **Primary Separation Processing Facilities**

Each production train has its own set of hydrocyclones and a degasser for removing oil and gas from the produced water, prior to disposal overboard. Second stage water is recycled back to the first stage separation vessels.

There is no gas compression system on North Cormorant, all produced gas is used for fuel or flared.

# **Water Injection**

There are three seawater lift pumps, a de-aeration tower, five booster pumps and four HP injection pumps.

# H<sub>2</sub>S Removal

 $H_2S$  control is still applied to well fluids when required to meet  $H_2S$  zoning requirements but is no longer used for export gas.



### NORTH CORMORANT

### H<sub>2</sub>S Production

The platform allows H<sub>2</sub>S production.

#### Gas

The North Cormorant platform does not have gas export facilities. An import gas system is available for fuel gas, with the gas being derived from the Western Leg Gas Pipeline.

# **Export Route**

Transportation is via the North Cormorant to Cormorant Alpha pipeline, the Brent System, and the Sullom Voe Terminal.

## **Exit Specification**

**Brent System Specification:** 

- TVP (True Vapour Pressure) not exceeding 115 psia at 100°F unless otherwise agreed.
- BS&W (base sediment & water content) not exceeding 2% by volume under normal operating conditions. Exceptions may apply depending on circumstances.

### **New Business**

For a more tailored discussion to suit your business needs, please contact us using the email address below:

commercial.uk@taqaqlobal.com

### **Abbreviations**

TVP	True Vapour Pressure	Mg/l	Milligrams per litre
psia	Pounds per Square Inch Absolute	PPI	Producer Price Index
BS&W	Base Sediment & Water	Bbl(s)	Barrel(s)
Non-Sour	Low in Hydrogen Sulphide (H <sub>2</sub> S)	b/d or Bbl/d	Barrel(s) per day
CO <sub>2</sub>	Carbon Dioxide		

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