



## NORTH CORMORANT

Last Updated:  
21<sup>st</sup> January 2014

**North Cormorant** is wholly owned and operated by TAQA Bratani Ltd. 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.

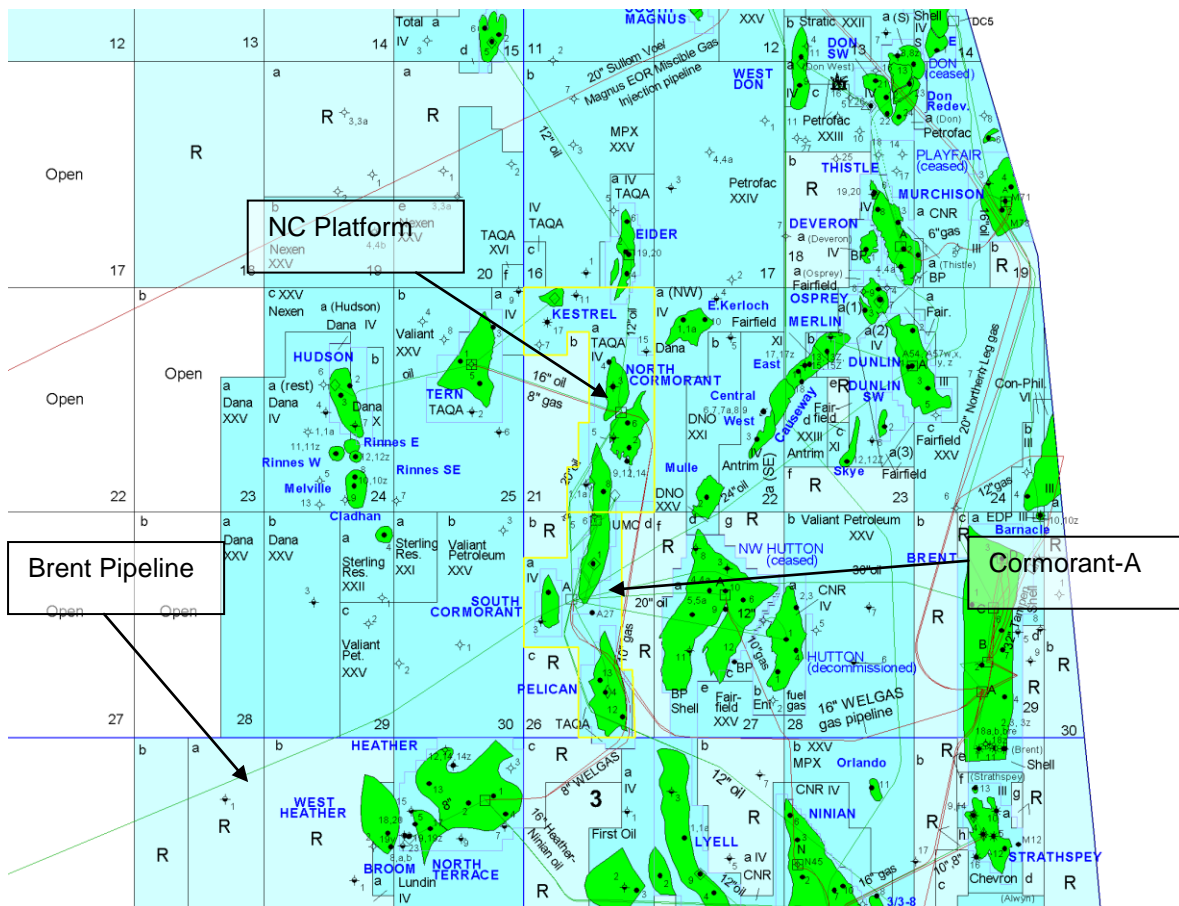
### TAQA Bratani Ltd

TAQA was founded in 2005 with the objective of becoming a global leader in the energy sector. Today, we have a workforce of 2,800 drawn from 41 nationalities, working in 13 markets across the world, from India to Canada and Abu Dhabi to the United Kingdom.

Our business is spread across the global energy sector and we think of ourselves as a company that is fully integrated with operations from wellhead to wall socket. Today, we have interest in power generation, integrated heat and water, desalination, upstream oil and gas, pipelines, services and structured finance.

We are 51% owned by Abu Dhabi Water and Electricity Authority (ADWEA) which is a government authority and which provides long term stability for our company.

For more information please visit our [website](#).



### Platform Statistics

<b>Operator</b>	TAQA 100%	<b>Water depth</b>	161m
<b>Participants</b>	TAQA 100%	<b>Location</b>	NNS, East Shetland Basin
<b>Platform Type</b>	fixed jacket	<b>Blocks</b>	211/21a and 211/26a






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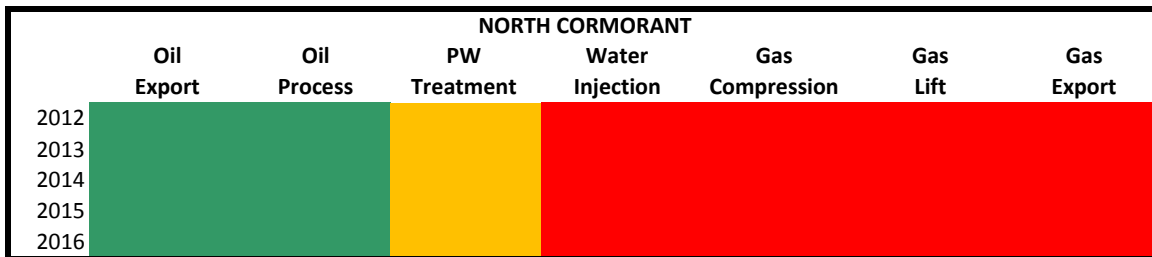
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### Capacity and Ullage Projection

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

#### Available Capacities:

< 5%	
5% - 25%	
>25%	



### Entry Specification

We will judge on a case by case basis.

### Primary Separation Processing Facilities

There are two production trains for separation of oil, gas and water: Each consists of two separation vessels, an inter-stage crude cooler and an export pump. There is also a test separator. Eider production fluids can enter at either the first or second stage depending on how the Eider platform is being operated.

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 lift on North Cormorant and the gas compression train has not been used since the start of 2009.

### Water Injection

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

### H2S Removal

H2S Scavenger is used.

### H2S Production

The platform allows H2S production.

### Gas

Gas processing and export will be judged on a case by case basis.

### 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.



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### **Pipeline**

Transportation is via the Brent Pipeline System to the Sullom Voe Terminal. This is Operated by Taqa Bratani Limited and further information about the pipeline is available on the DEAL website.

### **New Business**

TAQA aims to offer a faster and simpler commercial process in response to North Sea trends and in order to facilitate a timely negotiation process and provide greater transparency.

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

[commercial.uk@taqaglobal.com](mailto:commercial.uk@taqaglobal.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		

### **Disclaimer**

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