



BRENT PIPELINE SYSTEM

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 c.2,700 working in 11 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 75.2% owned by the Abu Dhabi Government which provides long term stability for our company.

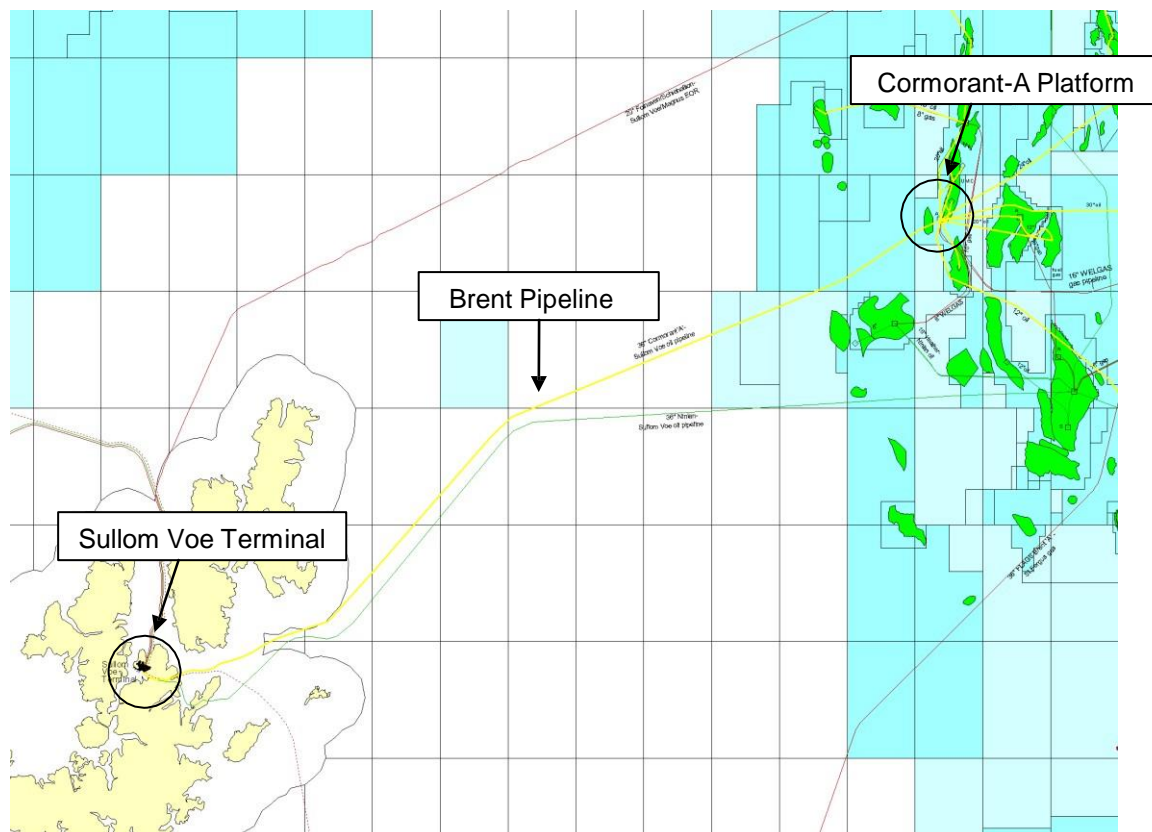
For more information please visit our [website](#).

The Brent Pipeline System

The Brent Pipeline System (“BPS”) is a 36” diameter, 153 km long crude oil pipeline running from the Cormorant Alpha platform in the Northern North Sea to the Sullom Voe Terminal (“SVT”) located on the Shetland Islands.

Since August 2009, the BPS has been operated by TAQA Bratani Limited on behalf of itself and the other BPS co-owners (as may be amended from time to time).

Based on the most recent intelligent pig run, the life of the BPS is expected to extend beyond 2030.








Source: Wood MacKenzie






BRENT PIPELINE SYSTEM

Available Capacity

BPS AVAILABLE CAPACITY	
2017	
2018	
2019	
2020	
2021	

Available Capacity Key

< 5%	
5% - 25%	
>25%	

Entry Specification

Entry Point:	The bases of the risers on the Cormorant-A Platform
Crude Preference:	Non-sour crude oil
BS&W:	30% pipeline specification 5% contractual maximum <i>NB levels of higher than 5% will require prior written consent from the Operator</i>
TVP:	115 PSIA @ 100°F
H ₂ S:	25 mg/l
CO ₂ :	251 mg/l

Exit Specification

Exit Point:	SVT at the Redelivery Point
Crude Preference:	Non-sour crude oil
BS&W:	5% maximum
TVP:	220 PSIA @ 100°F
H ₂ S:	1,100 mg/l
CO ₂ :	n/a

Tariff

Transportation of hydrocarbons through the BPS from the delivery point on Cormorant Alpha to the re-delivery point at SVT is charged at a transportation tariff rate of:

- £0.25/bbl (PPI adjusted); or
- Estimated operating, capital and abandonment costs for the year in question ÷ total crude oil forecast to be delivered x 1.3 (subject to negotiation) whichever is the greater.

Send or Pay Provisions

Where no capital investment is being made in the BPS, Send or Pay provisions will be charged to mirror a reasonable balance between risk and reward. Generally, the Send or Pay threshold is 80% of the annual nomination for the field.

Capacity Rights

Subject to agreement capacity in the BPS may be offered up to a maximum of 100% of the peak daily forecast volume.

New Business

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

commercial.uk@taqaglobal.com



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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 ₂ S)	b/d or bbl/d	Barrel(s) per day
CO ₂	Carbon Dioxide	Redelivery Point	Immediately downstream of the insulating flange at the Brent System scraper trap at the Terminal

Disclaimer

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