

# Infrastructure Code of Practice

## Jade



**Jade** is a high-pressure/high-temperature (HP/HT) development composed of pre-Cretaceous reservoirs. It consists of a normally unmanned installation (NUI) tied back, via a subsea pipeline, to the Judy Host Facility from which all operations are controlled. Hydrocarbons were first discovered in 1995 and extensive geological, geophysical and reservoir work has taken place to determine the full extent of reserves in the field. Production is carried back to the Judy platform for processing and onward to Teesside.

<b>KEY FACTS</b>	
Field	Jade
Block	30/2c and 30/7b
Sector	UK central North Sea
Approx. distance to land	209 kilometres (130 nautical miles) south-east of Aberdeen
Water depth	79 metres (259 feet)
Hydrocarbons produced	Gas and oil/condensate
Export method	Via Judy platform: From Judy, gas goes to Teesside via the CATS pipeline From Judy, liquids go to Teesside via the Norpipe system
Manned/unmanned	Unmanned
Operated/non-operated	Operated
% of Harbour equity	67.5%
First production	February 2002
Accommodation onboard	12 (on a temporary basis)
Key commercial terms	Currently there are no agreements in place with third parties for the transportation or processing of product via Jade

<b>Infrastructure Information</b>	
Entry specification:	The entry specification for any future third party production depends upon the point at which such production would enter the Jade facilities and the composition of production already being processed at that time. The entry specification will cover areas that affect onward processing and transportation as well as those which impact the Jade and Judy facilities e.g. slugging limitations and contaminants.
Exit specification:	Need to meet the Jade/Judy TPA delivery specifications. For liquid and gas exit specifications ex processing on Judy see Judy ICOP information.

High Level Capacity Information						
Jade platform firm processing capacity available	Ullage as % of system capacity					Comment
	2021	2022	2023	2024	2025	
Jade HP separator processing capacity (gas)	●	●	●	●	●	At 30 bar. Jade HP separator is located on Judy. Capacity was reduced when separator pressure reduced to 15.5 bar in Q2 2017.
Jade HP separator processing capacity (liquids)	●	●	●	●	●	At 30 bar. Jade HP separator is located on Judy. Capacity was reduced when separator pressure reduced to 15.5 bar in Q2 2017.
Gas compression capacity						Refer to Judy for treatment capacity as all Jade fluids are treated on the Judy platform.
Gas treatment capacity						Refer to Judy for treatment capacity as all Jade fluids are treated on the Judy platform.
Gas lift capacity						Refer to Judy for treatment capacity as all Jade fluids are treated on the Judy platform.
Produced-water handling capacity						Refer to Judy for treatment capacity as all Jade fluids are treated on the Judy platform.
Dehydration capacity						Refer to Judy for treatment capacity as all Jade fluids are treated on the Judy platform.
H2S removal capacity						Refer to Judy for treatment capacity as all Jade fluids are treated on the Judy platform.
Water injection capacity						Refer to Judy for treatment capacity as all Jade fluids are treated on the Judy platform.

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