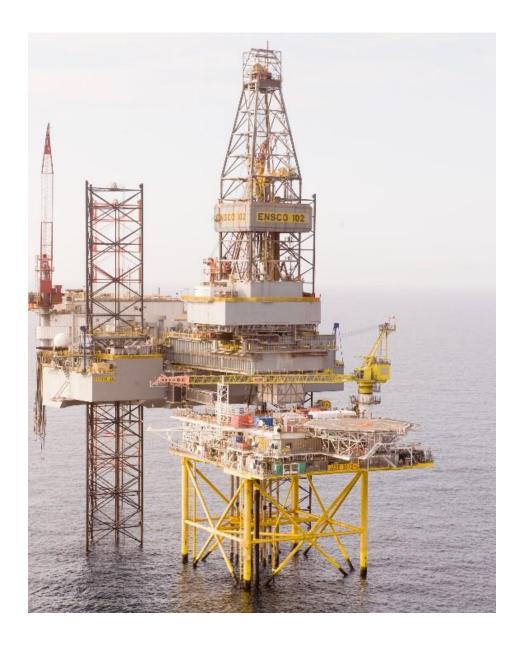


Infrastructure Code of Practice

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.

KEY FACTS						
Field	Jade					
Block	30/2c and 30/7b					
Sector	U.K. Central North Sea					
Approx. distance to land	130 nautical miles SE 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 Energy Equity	67.5%					
First Production	February 2002					
Accommodation On Board	12 (on a temporary basis)					
Key Commercial Terms	Currently there are no agreements in place with third parties for the transportation and/or processing of product via Jade					

INFRASTRUCTURE INFORMATION						
Entry Specification:	The entry specification for any future third party production is dependent 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

The basic capacity information is portrayed by colour coded 'traffic lights' that reflect thresholds of availability over the next 5 years.

>25% capacity available		5% -	5% - 25% capacity available				<5% capacity available			
Jade Platform firm processing capacity available		Ullage as % of system capacity				Comments				
		2022	2023	2024	2025	2026				
Jade HP separator p capacity (gas)	rocessing						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 p capacity (liquids)	rocessing						At 30 bar. Jade HP located on Judy. Ca reduced when sepa	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 ca	oacity						•	Refer to Judy for treatment capacity as all Jasmine fields are treated on Judy platform.		
Gas treatment capa	city						•	Refer to Judy for treatment capacity as all Jasmine fields are treated on		
Gas lift capacity								Refer to Judy as above.		
Produced water han capacity	dling						Refer to Judy as ab	Refer to Judy as above.		
Dehydration capacit	у						Refer to Judy as ab	Refer to Judy as above.		
H2S removal capacit	У						Refer to Judy as ab	Refer to Judy as above.		
Water injection capa	acity						Refer to Judy as ab	Refer to Judy as above.		

Last update: December 2021

Disclaimer:

While this information has been prepared in good faith, no warranty or representation (implied or expressed) is made as to its accuracy, completeness or relevance for use by any other party and no liability is accepted by Harbour Energy under any circumstances relating to the information and the use thereof.

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