

## Infrastructure Access Agreement Summary 1

This data is provided in accordance with the disclaimer conditions noted below:

<p>Provided in relation to the voluntary Industry Infrastructure Code of Practice. To be used in summarising construction and tie-in and transportation and processing agreements by the owner/operator for inclusion in the publication of key commercial terms (refer to Paragraph 13 (1))</p>	
<p><b>Agreement Title and Date:</b> Agreement relating to Transportation and Processing of production from the Shipper Field (Alder) dated 19 December 2013 Agreement relating to the Operation of the Shipper Field and Shipper Field Facilities (Alder) dated 19 December 2013</p>	<p><b>Ref:</b></p>

<p><b>Scope of Agreement/Responsibilities (refer to Note 1):</b> The Britannia Facilities Operator shall provide the following main services (on behalf of the Britannia Facilities Owners):</p> <ul style="list-style-type: none"> <li>- Receipt and processing of Alder production;</li> <li>- Re-delivery of liquids, gas and NGL at the Transfer Point; and</li> <li>- Provision of routine operational services.</li> </ul>
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<p><b>Key Provisions (refer to Note 2)</b></p>	
Commencement Date	2016
Entry Point	The downstream face of the outboard flange at the base of the Alder production riser.
Redelivery Point (s)	<p><b>Liquids Transfer Point:</b> the downstream face of the flange of the Britannia-Forties Pipeline at the point where it connects with the Britannia-Forties Riser.</p> <p><b>Gas Re-Delivery Point:</b> the flange weld or other agreed mark at the SAGE Terminal where the Britannia Facilities Operator re-delivers Shipper Export Gas to the reception terminal of the pipeline system operated by National Grid Transco plc at St Fergus, Scotland</p> <p><b>NGL Re-Delivery Point:</b> SAGE Terminal where available for sale or disposal.</p>
Capacity/variation rights (Y/N) and timing (refer to Note 3)	Profile stated in agreement.
Send or Pay/carry forward provisions (Y/N)/Duration	<p><b>Send or Pay:</b> Yes</p> <p><b>Carry Forward:</b> No</p>
Priority rights during periods when service provision is reduced	Governed by apportionment procedure curtailment provisions.
Technical Requirements (refer to Note 4)	Standard Britannia entry specifications.
Payment Structure (refer to Note 5)	<p>Monthly tariff invoice.</p> <p>Firm services monthly fee</p> <p>Chemical costs and additional service requests fully reimbursable.</p>
Tariff range for service provided (refer to Note 6)	<p>Base oil tariff per barrel liquids: £1.50-£1.73*</p> <p>Base gas tariff per mscf gas: £0.26-£0.30*</p> <p>*Note that the range provided is applicable only for a gas field.</p> <p>Indexation to PPI.</p> <p>Shipper Owners also re-charged for Shipper's share of Britannia's SAGE gas processing tariff.</p>

Range of any separate contribution to capex and opex	Opex and Capex cost share based on volumes.
Any other payment(s) with range and timing (refer to Note 7)	None
L&I/Risk Regime fundamentals	Mutual hold harmless except where Shipper Owners deliver off-spec production (indemnity capped at £100 million per incident or series of connected incidents)

<b>Important Additional Data (refer to Note 8)</b>
NONE

### **Notes**

- (1) Include key provisions and services that have a material impact on risk-reward.
- (2) Include any important and unusual elements that materially impact risk-reward.
- (3) For each main-stream e.g. oil, gas etc.
- (4) Should include relevant entry specifications and any important and unusual technical issues.
- (5) The ranges should reflect the type of service provided (price range should be within a 15% band).
- (6) Include summary of indexation principles with floors and ceilings.
- (7) Include any fee in kind type payments relating to single component streams, or production deferral in a CTA.
- (8) Include any key provisions that materially impact risk-reward not mentioned above (e.g. hydrocarbon accounting, risk, property, title, extension of terms, assignment (incl. limitations), security provisions, metering, termination, ownership and decommissioning in a CTA etc).

### **Disclaimer**

The summary information provided above is provided by Harbour Energy as the representative of the infrastructure owners:

- (1) In good faith and without any liability.
- (2) Without warranty, implied or express as to its accuracy or relevance of use by any other party.
- (3) Without obligation to provide any further information in respect of the agreement/transaction to which the summary information relates.
- (4) Without any obligation to provide access to infrastructure or services on the same terms and conditions.

## Infrastructure Access Agreement Summary 2

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<b>Infrastructure Access Summary for:</b> Alder Field	

**Field Development:** Sub-sea tie-back to the Britannia Satellites platform which is bridge-linked to the main Britannia platform. Britannia provides separation and control services. Liquids will be exported to shore via the Forties Pipeline System and gas will be transported to the SAGE terminal facilities at St Fergus.

### Suite of Main Agreements (refer to Note 1)

<b>Ref:</b>	Commercial Agreement/Agreement title
	Agreement relating to construction and tie-in of Shipper Field to the Britannia Facilities (Alder) dated 19 December 2013
	Agreement relating to Transportation and Processing of production from the Shipper Field (Alder) dated 19 December 2013
	Agreement relating to the Operation of the Shipper Field and Shipper Field Facilities (Alder) dated 19 December 2013

### Field Details:

Field Name	Alder Field
Licence	P119
Block Number	15/29a
Operator	Ithaca Oil and Gas Limited
Partners	Ithaca Oil and Gas Limited Harbour Energy

### Field Streams/Characteristics:

Stream	Crude Oil	Gas	Condensate	NGLs	Produced Water
Relevant (Y/N)	N	Y	Y	Y	Y
Unique characteristics (refer to Note 2)	-	HP/HT	HP/HT	None	None
Reserves	-	120 bcf	13 mmbbl	-	-
Initial Rate	-	110	12	-	-
Plateau	-	2016	2016	-	-
Plateau/Peak production	-	110	12	-	-

### Notes

- (1) Other agreements may exist e.g. pipeline crossings, confidentiality, but they do not materially impact risk-reward.
- (2) For example – low API, high H<sub>2</sub>S, high CO<sub>2</sub>, significant sand production etc.

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### Agreement Title and Date:

Agreement relating to construction and tie-in of Shipper Field to the Britannia Facilities (Alder) dated 19 December 2013

### Ref:

### Scope of Agreement/Responsibilities (refer to Note 1):

The Britannia Facilities are to be modified and certain additional facilities constructed to enable the Britannia Facilities Owners to provide the Transportation and Operating Services.

The Britannia Facilities Owners have appointed and authorised a Substitute Capital Projects Operator to act on their behalf to perform and complete or procure the performance and completion of parts of the Britannia Facilities Modification Work. The Britannia Facilities Operator will undertake all other parts of the Britannia Facilities Modification Work.

### Key Provisions (refer to Note 2)

Commencement Date	19 December 2013
Entry Point	N/A
Redelivery Point (s)	N/A
Capacity/variation rights (Y/N) and timing (refer to Note 3)	N/A
Send or Pay/carry forward provisions (Y/N)/Duration	N/A
Priority rights during periods when service provision is reduced	N/A
Technical Requirements (refer to Note 4)	Any facilities or systems to be provided and/or installed by the Britannia Facilities Operator are to be compatible with the Britannia equipment.
Payment Structure (refer to Note 5)	Monthly Invoice
Tariff range for service provided (refer to Note 6)	N/A
Range of any separate contribution to capex and opex	Full reimbursement of costs incurred by the Britannia Facilities Owners.
Any other payment(s) with range and timing (refer to Note 7)	Shutdown compensation (in respect of shutdown losses arising as a direct result of additional shutdown days)
L&I/Risk Regime fundamentals	Indemnity provided by the Shipper Owners capped at £100 million (per incident)

### Important Additional Data (refer to Note 8)

Ownership of Britannia Facilities modifications and additional installed facilities as well as liability for future decommissioning thereof will be for the Britannia Facilities Owners.

## Notes

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- (3) For each mainstream e.g. oil, gas etc.
- (4) Should include relevant entry specifications and any important and unusual technical issues.

- (5) The ranges should reflect the type of service provided (price range should be within a 15% band).
- (6) Include summary of indexation principles with floors and ceilings.
- (7) Include any fee in kind type payments relating to single component streams, or production deferral in a CTA.
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