TRANSCO NETWORK CODE MODIFICATION PROPOSAL No. 0681

"Amendment of Network Entry Provisions at ConocoPhillips sub terminal at Theddlethorpe"
Version 2.0

Date: 12/12/2003

Proposed Implementation Date:

Urgency: Non-Urgent

Justification

The proposed changes to the Network Entry Provisions at ConocoPhillips sub terminal at Theddlethorpe are required to enable additional gas supplies to be delivered at the Theddlethorpe System Entry Point.

Transco is also proposing to take the opportunity of updating the gas quality specification to convert it to standard conditions (15°C and 1.01325 bar) and to take into account specific requirements laid down in the Gas Safety (Management) Regulations 1996 (GS(M)R).

This Proposal is raised in accordance with the provisions of Section I2.2.3 that require amendment of Network Entry Provisions by way of a Network Code Modification once Transco and the Delivery Facility Operator have agreed to change the Network Entry Provisions and to incorporate these in a Network Entry Agreement. In raising this Modification Proposal, Transco confirms that agreement in principle to change the Network Entry Provisions has been achieved with ConocoPhillips.

Nature of Proposal

It is proposed that some of the Gas Entry Conditions, which form part of the Network Entry Provisions, for Theddlethorpe System Entry Point be amended in accordance with the following:-.

Proposed changes as requested by ConocoPhillips to enable increased gas supplies at the Theddlethorpe System Entry Point.

Gas Quality Characteristic	Current Specification As Stated	Current Specification Metric Equivalent	Proposed Specification
Wobbe No : -			
Upper Limit	1,351 Btu/ft³	51.3 MJ/m³	51.41 MJ/m³
Lower Limit	1,272 Btu/ft³	48.3 MJ/m³	47.36 MJ/m³
Calorific Value[1]			
Upper Limit	1,115 Btu/ft³	42.3 MJ/m³	42.3 MJ/m³
Lower Limit	973 Btu/ft³	36.9 MJ/m³	37.3 MJ/m³

[1] For the metric conditions the gas is dry whilst for the imperial conditions the gas is saturated.

2. Proposed changes to update the gas quality specification to take into account specific requirements within GS(M)R not currently specified at Theddlethorpe.

Gas Quality Characteristic	Current Specification As Stated	Current Specification Metric Equivalent	Proposed Specification
Hydrogen	-	-	< =0.1 % (molar)
Soot Index	-	-	< =0.6
Incomplete Combustion Factor	-	-	< =0.48

3. Proposed changes to update the gas quality specification to convert the specification to standard conditions

Gas Quality Characteristic	Current Specification As Stated	Current Specification Metric Equivalent	Proposed Specification
Water Dewpoint	< 15 °F @ 1,000 lbf/in²	< - 10 °C @ 69 barg	< -10 °C @ 69 barg
Hydrocarbon Dewpoint	< 29 °F up to 1,087 lbf/in²	< -2 °C up to 75 barg	< -2 °C up to 75 Barg
Gas Temperature –			
Lower Limit	33 °F	1 °C	1 °C
Upper Limit	100 °F	38 °C	38 °C

If this Modification Proposal were approved then the revised Gas Quality Specification would be intended to be incorporated within a Network Entry Agreement at the ConocoPhillips sub terminal.

Purpose of Proposal

In enabling the economic and efficient delivery of new gas supplies at Theddlethorpe, implementation of this Proposal would be expected to facilitate the achievement of securing effective competition between relevant shippers and relevant suppliers.

Consequence of not making this change

It has been identified that if the present Gas Quality Specification is retained at Theddlethorpe this would impact on the flexibility, capacity and/or costs of offshore/beach terminal processing. Such additional costs or lack of flexibility would not be justified by any corresponding benefit to Users.

Area of Network Code Concerned

Section I - Entry Conditions

Proposer's Representative

Paul Roberts (Transco)

Proposer

Mike Calviou (Transco)

Signature

.....