

IGT UNC Modification 172

'Provision for gas entry within the IGT UNC'

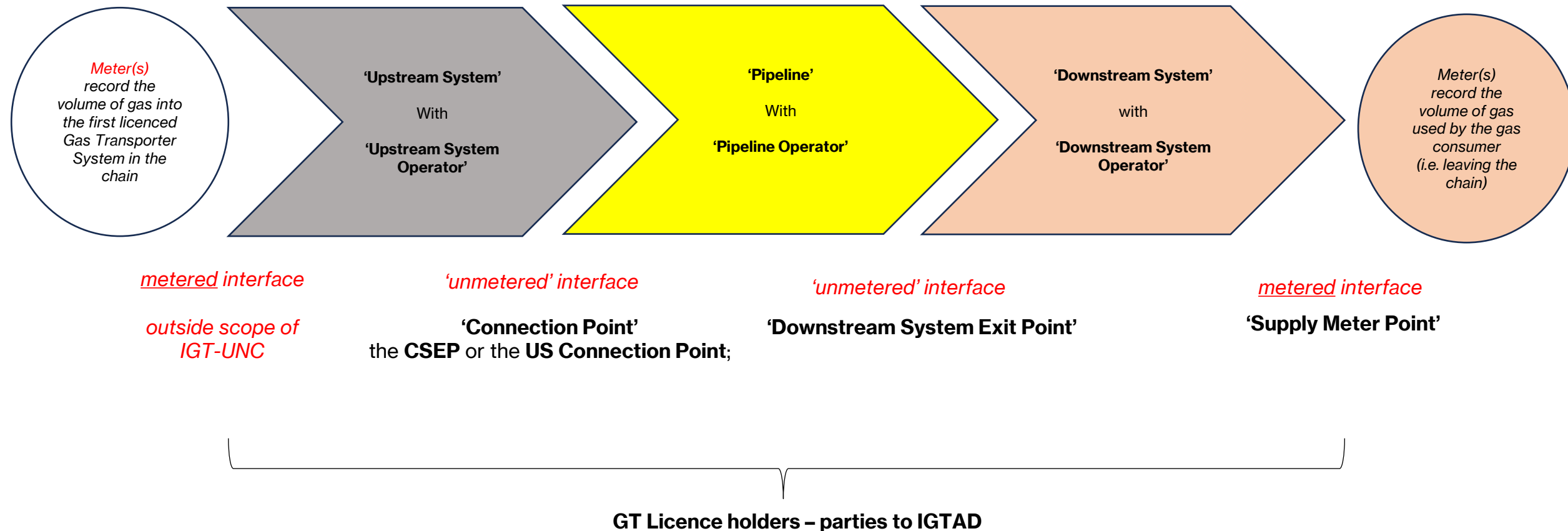
Presentation to the work group

23rd January 2024

VERSION 2 - DRAFT

Nick King
Senior Consultant
nick.king@cngservices.co.uk

Overview of IGT-UNC defined terms today



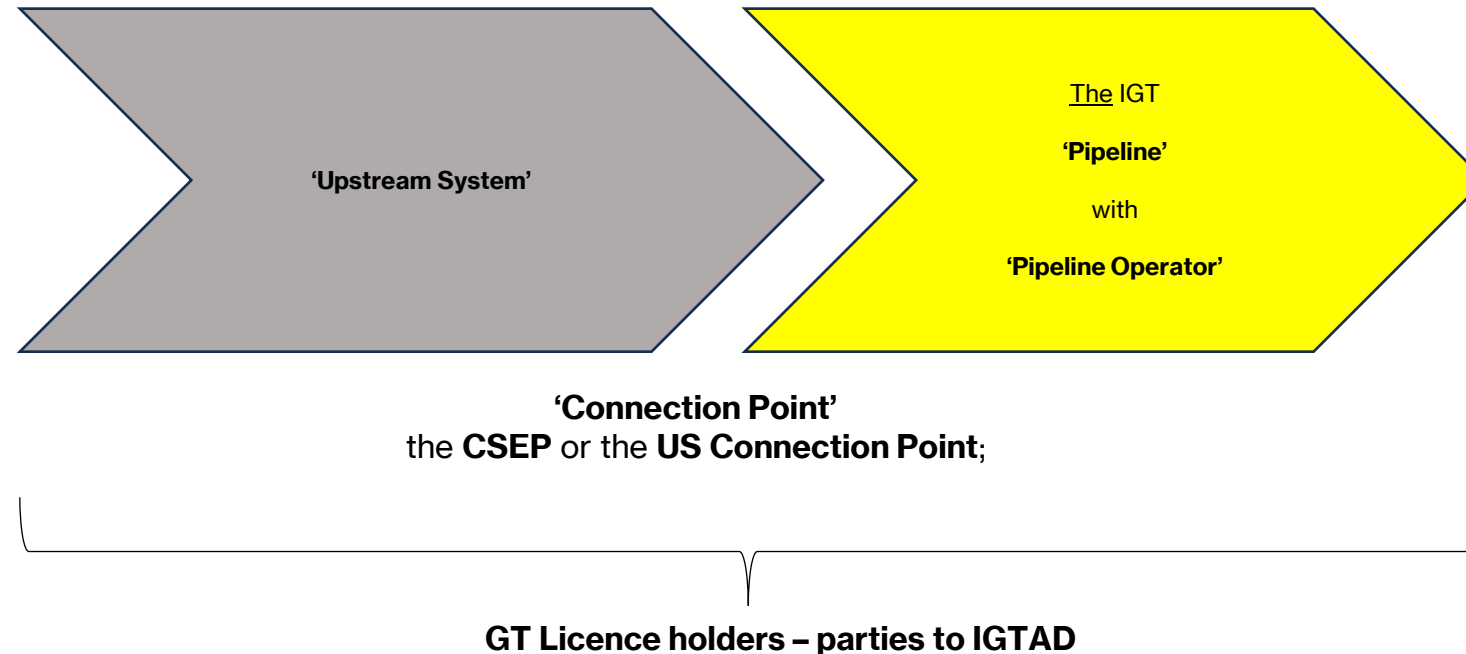
Overview of interfaces - today

Interface	Gas into Pipeline	Gas leaving Pipeline
'metered'	Not codified in IGT UNC No provisions	'Supply Meter Point'
'unmetered'	'Connection Point': the CSEP or the US Connection Point ;	'Downstream System Exit Point'

Transfer of title and risk at interfaces – today

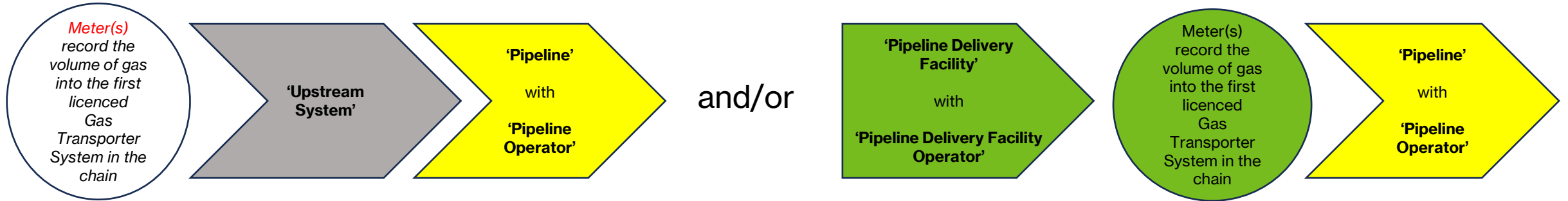
Interface	Gas into Pipeline	Gas leaving Pipeline
'metered'	Not codified in IGT UNC	'Supply Meter Point' PART J 2 contains provisions
'unmetered'	'Connection Point' PART J 1 contains provisions	'Downstream System Exit Point' PART J 2 contains provisions

'Pipeline' as defined in PART M today



"Pipeline" the gas pipeline or pipeline system which is not owned or operated by a Large Transporter and which **is connected to an Upstream System**, the conveyance of gas through which is authorised by the Pipeline Operator's Licence and the flow of gas into which **is not metered**;

'Pipeline' proposed addition to existing PART M term

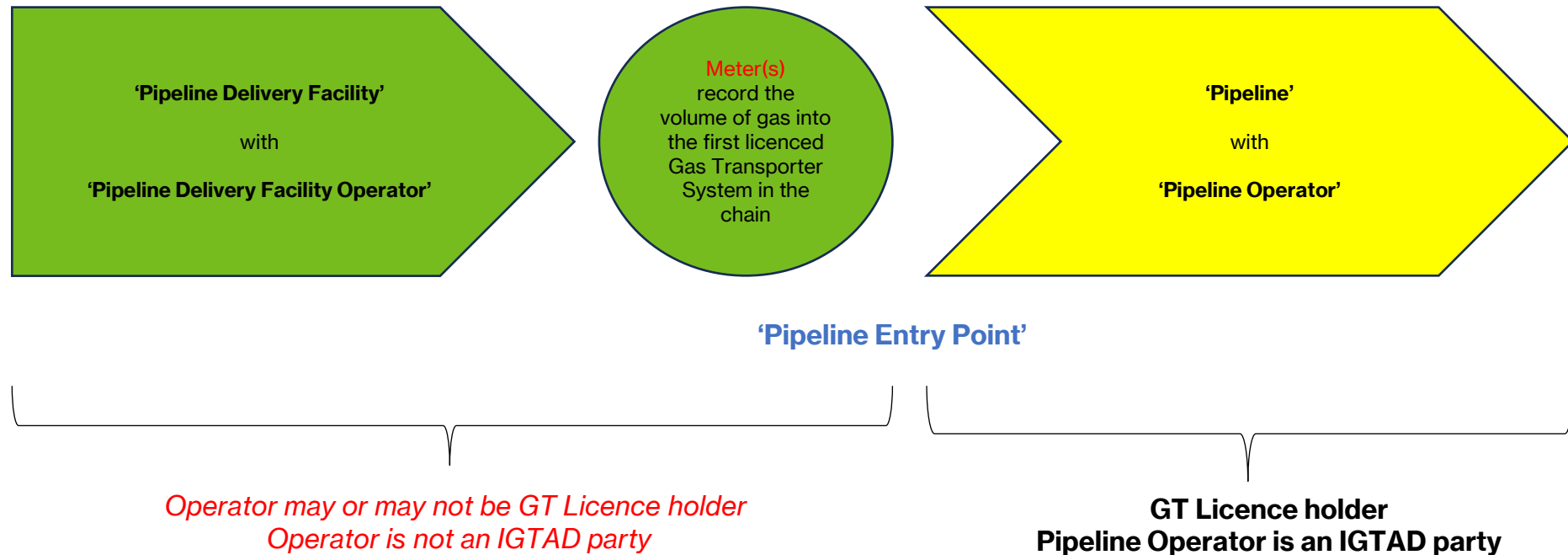


"Pipeline" the gas pipeline or pipeline system which is not owned or operated by a Large Transporter and which is connected to:

an Upstream System, the conveyance of gas through which is authorised by the Pipeline Operator's Licence and the flow of gas into which is not metered, and/or

a Pipeline Delivery Facility, the flow of gas into which is metered;

'Pipeline Delivery Facility' proposed term for PART Q



1.2 Pipeline Delivery Facility

- 1.2.1 For the purposes of this Part Q a "**Pipeline Delivery Facility**" is a single facility or system (comprising pipeline(s), plant and/or other installations), operated by one person (or jointly operated by several persons), and connected to the Pipeline at a Pipeline Entry Point.

‘Pipeline Delivery Facility’ proposed PART Q extract with additions to remove possible overlap with existing IGT-UNC defined terms

1.1.4 The provisions of this Part Q shall not apply in respect of gas flows at Connection Points or to any Upstream System or Pipeline as defined in Part M.

1.2.2 Without prejudice to paragraph 1.1.4, a Pipeline Delivery Facility may be:

- (a) ...
- (b) ...
- (c) subject to paragraph 1.1.4, the pipeline system operated by another gas transporter that is not a Pipeline as defined in Part M;
- (d) ...
- (e) subject to paragraph 1.1.4, any other pipeline or pipeline system that is not a Pipeline as defined in Part M;
- (f) ...

‘Pipeline Entry Point’ proposed new PART M defined term

“Pipeline Entry Point” a point on a Pipeline which is designed to permit gas from a facility other than a Large Transporter or another Pipeline to flow through a single pipe into the Pipeline and at which the flow of gas is metered.

‘Pipeline Entry Point’ first uses of proposed new term

1.1.1 The provisions of this Part Q shall apply in respect of the delivery of gas to the Pipeline at Pipeline Entry Points.

1.1.4 The provisions of this Part Q shall not apply in respect of gas flows at Connection Points or to any Upstream System or Pipeline as defined in Part M.

...

1.4.1 A Pipeline Entry Point is the Pipeline Entry Point at which a Pipeline Delivery Facility is connected to the Pipeline.

1.4.3 The Pipeline Entry Point will be specified in the applicable Pipeline Entry Provisions.

Overview of interfaces – proposal

Interface	Gas into Pipeline	Gas leaving Pipeline
<p>‘metered’</p>	<p>Not codified in IGT UNC</p> <p>No provisions</p> <p>New PART Q proposed</p>	<p>‘Supply Meter Point’</p> <p>No change proposed</p>
<p>‘unmetered’</p>	<p>‘Connection Point’: the CSEP or the US Connection Point;</p> <p>No change proposed</p>	<p>‘Downstream System Exit Point’</p> <p>No change proposed</p>

Transfer of title and risk at interfaces – proposal

Interface	Gas into Pipeline	Gas leaving Pipeline
'metered'	<p>Not codified in IGT UNC</p> <p>New PART Q provisions proposed</p>	<p>'Supply Meter Point'</p> <p>PART J 2 contains provisions</p>
'unmetered'	<p>'Connection Point'</p> <p>PART J 1 contains provisions</p>	<p>'Downstream System Exit Point'</p> <p>PART J 2 contains provisions</p>

Overview of proposed changes to existing IGT-UNC (1)

PART(s)	Changes Proposed
PART A to PART G	None
PART H and PART I	Existing Maintenance and Emergency provisions relating to ‘unmetered’ pipeline junctions are equally important at ‘metered’ physical interfaces, so it is proposed that ‘Connection Point’ provisions should also apply to ‘Pipeline Entry Points’. Measurement and gas characteristic provisions specific to Pipeline Entry Points are contained in the proposed new PART Q.
PART J	PART J 1 provisions mirror the equivalents in UNC TPD Section I 3.6.2-4 To maintain alignment of PART Q and TPD I, J 1 will apply to ‘Connection Points’ and PART Q 3.6.2-4 only to ‘Pipeline Entry Points’ . Regarding delivery of off-spec gas and failure to make gas available for offtake, it is proposed that J 2 and J 7.2 will apply equally whether sourced from ‘Connection Points’ and/or ‘Pipeline Entry Points’ .
PART K	The proposer considers that throughout this section references to Upstream and Downstream Systems and their Operators should include Pipeline Delivery Facilities and their Operators.

Overview of proposed changes to existing IGT-UNC (2)

PART(s)	Changes Proposed
PART L	None
PART M	<p>The existing definition of Pipeline has a proposed change - see slide above</p> <p>New defined terms have been proposed for:</p> <ul style="list-style-type: none">• Pipeline Delivery Facility & ...Operator• Pipeline Entry Point (see slide above), ... Agreement, ...Provisions & ...Operator• Transportation Constraint (based on UNC GTC) <p>Also</p> <ul style="list-style-type: none">• Applicable Liability Gas Price shall have the meaning ascribed thereto in the UNC;
PARTs N, O & P	None
PART Q	Proposed addition of major new PART Q 'PIPELINE ENTRY POINT REQUIREMENTS' replicating UNC TPD Section I ' ENTRY REQUIREMENTS'

IGT UNC Modification 172

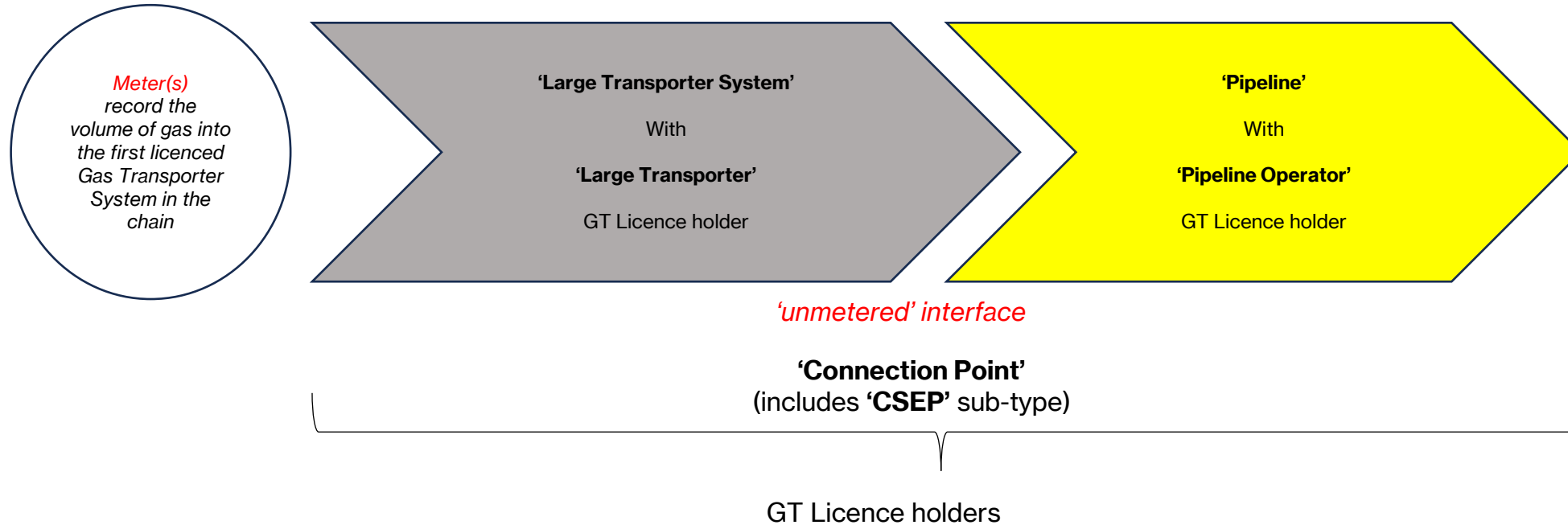
'Provision for gas entry within the IGT UNC'

Presentation to the work group

22nd January 2024

BACKUP REFERENCE MATERIAL

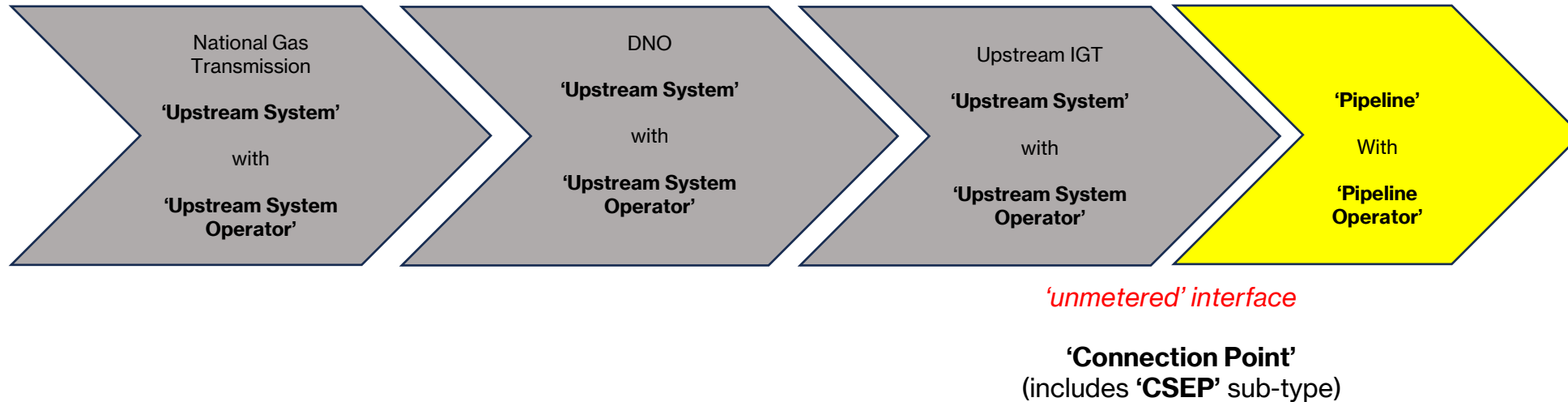
'Large Transporter' as defined in PART M



"Large Transporter" **National Grid Gas plc** and/or as the context permits the **DN Operator which** operates the pipeline system immediately upstream of the CSEP;

"Large Transporter System" the main pipeline systems operated by **National Grid Gas plc** and the **DN Operators** the conveyance of gas through which is authorised by one or more gas Transporter Licences;

'Upstream System' as defined in PART M



"Upstream System" is a pipeline or pipeline system operated by a person other than the Pipeline Operator which is located upstream of the Pipeline whether connected directly or indirectly to it via another pipeline or pipeline system;

'Upstream System' associated terms in PART M

...

"Upstream System Operator" is in respect of an Upstream System the person which owns or operates that Upstream System;

"Upstream System Users" in respect of an Upstream System, the persons who are holders of licences granted or treated as granted under Section 7A(1) of the Act and who make arrangements for the conveyance of gas in that Upstream System;

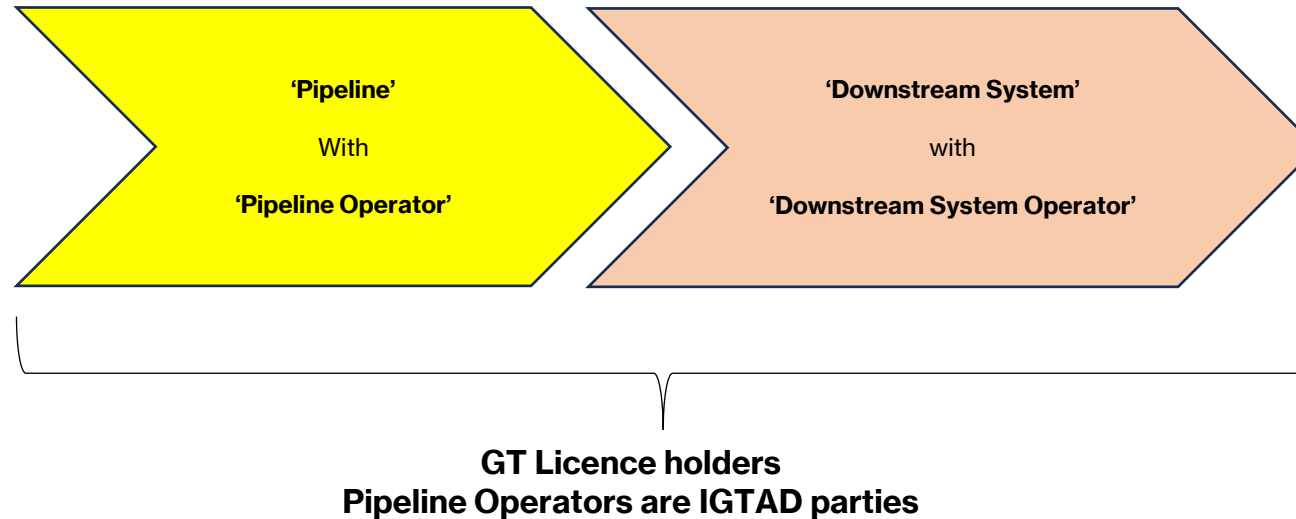
'Connection Point' as defined in PART M

"Connection Point": the CSEP or the US Connection Point;

"CSEP" the Connected System Exit Point agreed as such between the Large Transporter and the Pipeline Operator being the point(s) on the Pipeline at which gas can flow into the Pipeline from the Large Transporter System;

"US Connection Point" the points(s) at which the Pipeline connects to an Upstream System which is not operated by the Large Transporter;

'Downstream System' as defined in PART M



"Downstream System" is a pipeline or pipeline system **operated by a person other than the Pipeline Operator** which is or is to be connected downstream of the Pipeline whether connected **directly or indirectly** to it via another pipeline or pipeline system and where gas flow from the Pipeline into that pipeline or pipeline system **is not metered**;

"Downstream System Operator" is in respect of a Downstream System, the person which owns or operates that Downstream System;

...

‘Downstream System Exit Point’ PART M and PART J

PART M

...

“Downstream System Exit Point” is a point or points (which are not Supply Meter Points) on the Pipeline at which gas leaves the Pipeline for onward conveyance in a Downstream System;

PART J

6: Downstream Systems

6.1 The basis on which a Pipeline User may apply for or may be treated as having applied for and may be registered as holding Capacity at a Downstream System Exit Point will be as agreed between the Pipeline Operator and the Downstream System Operator and/or in accordance with the Pipeline Operator's Network Code.

...

'Pipeline' associated terms in PART A - 2 Interpretation

2.1 The "**Network Code**" in respect of the Pipeline Operator is a reference to the network code prepared by the Pipeline Operator pursuant to **Condition 9 of the Pipeline Operator's Licence** and in respect of a person other than the Pipeline Operator, is a reference to the network code prepared by that person pursuant to the relevant provisions of its **Gas Transporters' Licence**.

...

2.4 "**Pipeline Operator**" means a person which is (and in its capacity as) the owner or operator of one or more Pipelines **and licensee under the Pipeline Operator's Licence authorising the conveyance** of gas through such Pipeline(s).

2.5 For the purposes of the IGT UNC, a reference to "**a Pipeline Operator**" or "**the Pipeline Operator**" in the context of a Pipeline or a point on a Pipeline is a reference to the Pipeline Operator which is the owner or operator of that Pipeline or that Pipeline on which that point is located.

2.6 For the purposes of the Code, a reference to "**a Pipeline**", "**the Pipeline**" or the "**relevant Pipeline**" is a reference:

in the context of a point on a Pipeline, to the Pipeline on which that point is or is to be located;

in the context of a Pipeline Operator, to a Pipeline owned or operated by that Pipeline Operator;

in the context of a particular transportation activity, to the Pipeline in relation to which that activity occurs or is to occur or is to be undertaken,

and **otherwise is a reference to any Pipeline**.