



Department for
Business, Energy
& Industrial Strategy

Annex

Updated Indicative Heads of Terms

To the document entitled "Carbon
Capture, Usage and Storage: CCS
Network Code – Updated Indicative
Heads of Terms"

December 2022

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CONTENTS

CCS Network Code Updated Indicative Heads of Terms

	PAGE
SECTION A: INTRODUCTION, STRUCTURE AND INTERPRETATION	4
SECTION B: GOVERNANCE.....	9
SECTION C: CONNECTION	38
SECTION D: NETWORK STRUCTURE AND PLANNING	39
SECTION E: NETWORK USE AND CAPACITY.....	40
SECTION F: NETWORK DESIGN AND SPECIFICATION	53
SECTION G: INDUSTRIAL PROCEDURES	61
SECTION H: CHARGES, INVOICING AND PAYMENT	65
SECTION I: GENERAL	80
SECTION J: GLOSSARY	103
EXHIBIT A: ACCESSION AGREEMENT	117
EXHIBIT B: CONSTRUCTION AGREEMENT	122
EXHIBIT C: CONNECTION AGREEMENT	134
ANNEXURE A: CARBON DIOXIDE SPECIFICATIONS - GENERAL	142
ANNEXURE B: CARBON DIOXIDE SPECIFICATIONS - ECC	143
ANNEXURE C – CARBON DIOXIDE SPECIFICATIONS – LBA.....	145
ANNEXURE D – MEASUREMENT REQUIREMENTS (ECC).....	147
ANNEXURE E – MEASUREMENT REQUIREMENTS (LBA).....	148

SECTION A: INTRODUCTION, STRUCTURE AND INTERPRETATION

No	Subject	Terms
1.	Introduction	<p>1.1 This document is the CCS Network Code prepared and maintained by each T&SCo pursuant to Standard Licence Condition [x] of its Licence.</p> <p><i>Note: it is expected that the licence conditions will require each T&SCo to have a network code – with an acknowledgement that this single uniform Code will satisfy that requirement</i></p> <p>1.2 The Code sets out the commercial and technical rules and arrangements between T&SCos and Users, and between individual T&SCos, in relation to:</p> <ul style="list-style-type: none"> (a) the connection by Users to a T&S Network, or part of a T&S Network; (b) the delivery of carbon dioxide by Users into the T&S Network at a Delivery Point; (c) the transportation and storage of carbon dioxide delivered by Users at Delivery Points; (d) the operation and maintenance of each T&S Network; and (e) the interface between T&SCos in relation to different T&S Networks or parts of a T&S Network.
2.	Parties	<p>2.1 For the purposes of the Code:</p> <ul style="list-style-type: none"> (a) "T&SCo" means, in relation to each T&S Network or part of a T&S Network, the entity that is the holder of a Licence authorising it to operate that T&S Network or part of a T&S Network; and (b) "User" means a person other than T&SCo who is bound by the provisions of this Code and delivers carbon dioxide into the T&S Network at a Delivery Point. <p>2.2 For the purposes of the Code:</p> <ul style="list-style-type: none"> (a) a "Party" means a T&SCo or a User; (b) in the context of any Ancillary Agreement, references to "Parties" are to the T&SCo or a User who is party to that agreement; (c) where a right or obligation is imposed on a T&SCo, then, unless otherwise specified, that right or obligation relates to the T&S Network, or part of a T&S Network, to which the Licence held by that T&SCo relates;

No	Subject	Terms
		<p>(d) a reference to T&SCos is a reference to all T&SCos collectively; and</p> <p>(e) anything required to be done by T&SCos which is done by or on behalf of all of them shall be treated as having been done by all of them.</p>
3.	Contractual effect	<p>3.1 The Code is made binding on a T&SCo or a User pursuant to the Code Agreement.</p> <p>T&SCo</p> <p>3.2 Each T&SCo shall enter into:</p> <p>(a) the Code Agreement; or</p> <p>(b) an Accession Agreement.</p> <p><i>Note: subject to commencement timing it may be the case that multiple parties will sign the initial Code Agreement and/or that all initial T&SCos and initial Users will sign the Code Agreement or Accession Agreement prior to the Code commencing.</i></p> <p>User accession</p> <p>3.3 In order to become a User in relation to a T&S Network, a person must satisfy or secure satisfaction of the following requirements:</p> <p>(a) the applicant shall have entered into:</p> <p>(i) the Code Agreement or an Accession Agreement;</p> <p>(ii) a Construction Agreement with T&SCo; and</p> <p>(iii) a Connection Agreement with T&SCo,</p> <p>and each document shall have become effective in accordance with its terms;</p> <p>(b) the applicant shall have provided to T&SCo, in the form prescribed by T&SCo from time to time, the applicant's name, legal nature and address, and any other information that is required to be provided as part of the connection process set out in Section C (<i>Connection</i>); and</p> <p>(c) the applicant shall have provided the emergency contact details required under Section G (<i>Industrial procedures</i>).</p>
4.	Structure	<p>4.1 The Code comprises:</p> <p>(a) the following sections of the main body:</p>

No	Subject	Terms
		<p>(i) this Section A: Introduction, structure and interpretation;</p> <p>(ii) Section B: Governance;</p> <p>(iii) Section C: Connection;</p> <p>(iv) Section D: Network structure and planning;</p> <p>(v) Section E: Network use and capacity;</p> <p>(vi) Section F: Network design and specification;</p> <p>(vii) Section G: Industrial procedures;</p> <p>(viii) Section H: Charges, invoicing and payment;</p> <p>(ix) Section I: General; and</p> <p>(x) Section J: Glossary.</p> <p>(b) the following exhibits:</p> <p>(i) Exhibit A: Accession Agreement;</p> <p>(ii) Exhibit B: Construction Agreement; and</p> <p>(iii) Exhibit C: Connection Agreement;</p> <p>Note: the Code Agreement, which will be signed by the Original T&SCos and the Initial Users, is included as an exhibit to the Accession Agreement.</p> <p>(c) the following annexures:</p> <p>(i) Annexure A: Carbon Dioxide Specifications – General;</p> <p>(ii) Annexure B: Carbon Dioxide Specifications ([ECC] T&S Network);</p> <p>(iii) Annexure C: Carbon Dioxide Specifications (LBA] T&S Network);</p> <p>(iv) Annexure D: Measurement Requirements ([ECC] T&S Network); and</p> <p>(v) Annexure E: Measurement Requirements ([LBA] T&S Network).</p> <p>Note: the annexures will set out information specific to each T&S Network. The process for introducing new annexures applying to new T&S Networks will be part of the accession process to the Code by new T&SCos.</p>

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		<p>4.2 Sections A to J, Exhibits A to C [and Annexure A] are referred to as the "Uniform Provisions" and apply equally to all T&S Networks, while Annexures [B to E], referred to as the "Specific Provisions", are specific to each individual T&S Network and.</p> <p>4.3 The Exhibits include the prescribed forms for the Ancillary Agreements.</p> <p>4.4 Where applicable, parties are required to enter into Ancillary Agreements in the form of the relevant Exhibit (save that the contents of the schedules in the Ancillary Agreements are specific to each User).</p>
5.	Interpretation – general	<p>5.1 Unless the context otherwise requires, words and expressions defined in the Act or the Standard Licence Conditions and not otherwise defined in the Code shall have the meaning given to them in the Act or the Standard Licence Conditions.</p> <p>5.2 References to the Code (or any part thereof) are to the Code (or such part thereof) as from time to time modified in accordance with the Modification Rules.</p> <p>5.3 A reference in the context of any provision of the Code to a "representative" of any person is a reference to any director, officer or employee of that person or any agent, consultant or contractor appointed or engaged by that person for purposes connected with the subject matter of the relevant provision of the Code.</p> <p>5.4 An "Affiliate", in relation to a party, is any entity that directly or indirectly controls, is controlled by, or is under common control with that party from time to time and "control" has the meaning given in section 1124 of the Corporation Tax Act 2010 and controls, controlled and the expression "change of control" shall be interpreted accordingly.</p>
6.	Interpretation – times and dates	<p>6.1 For the purposes of the Code:</p> <p>(a) "Day" means the 24 hour period from 00:00 hours (midnight) until 23:59 hours;</p> <p>(b) "Business Day" means a Day other than:</p> <p>(i) a Saturday or a Sunday; or</p> <p>(ii) a Day which begins at 00:00 hours on a bank holiday in England, Wales or Scotland;</p> <p>(c) "Charging Year" means the period from 1 April in any year until and including 31 March in the following year;</p> <p>(d) unless the context otherwise requires, "carbon dioxide" means a stream consisting primarily of</p>

No	Subject	Terms
		<p>carbon dioxide (CO₂) molecules and references to carbon dioxide being delivered by a User to the T&S Network assume that the gaseous stream being delivered is carbon dioxide;</p> <p>(e) references to:</p> <p>(i) a calendar day (such as 1 January) or a day of the week (such as Sunday) is to the Day which begins at 00:00 hours on that day;</p> <p>(ii) a week is to the period from 00:00 hours on a day until 23:59 hours on the 7th day following;</p> <p>(iii) a month (or a number of months) is to the period from 00:00 hours on a day in one month until 00:00 hours on the same day of the month which follows (or follows by the relevant number of months), or if there is no such day in such month 00:00 on the first day of the next following month;</p> <p>(iv) a calendar month is to the period from 00:00 hours on the first day of a month until 00:00 hours on the first day of the following month, and references to a particular calendar month (such as January) shall be construed accordingly;</p> <p>(v) a year is to the period from 00:00 hours on a day in one year until 00:00 hours on the same day (or where the day in the first year was 29 February, on 1 March) in the following year;</p> <p>(vi) a calendar year (such as 2022) is to be construed accordingly;</p> <p>(vii) each reference in this Code to any time of the day shall, unless otherwise stated, be construed as a reference to London time.</p> <p>(f) unless the context otherwise requires, capitalised terms have the meanings set out in Section J (<i>Glossary</i>).</p>

SECTION B: GOVERNANCE

This proposed governance framework is being developed concurrently with:

- the development of reforms to the equivalent processes under the gas and electricity industry; and
- as set out in the transport and storage business model January 2022 update, the consultation and development of the Future System Operator.

It is likely that regard may need to be had to the outcome of these processes in finalising this governance framework.

No	Subject	Terms
1.	Modification Panel	<p>1.1 Each T&SCo, together with the other T&SCos, is required to operate a procedure for the Modification of the CCS Network Code so as to better facilitate the achievement of the Relevant Objectives in accordance with the terms of its Licence.</p> <p>1.2 The T&SCos shall ensure that a Modification Panel is established within three (3) months from the Code Implementation Date. The Modification Panel will be comprised of:</p> <p class="list-item-l1">(a) the Panel Chairperson, being a non-voting Member;</p> <p class="list-item-l1">(b) six (6) T&SCo Representatives, being Voting Members;</p> <p class="list-item-l1">(c) six (6) User Representatives, being Voting Members, with at least one representative of each User Type; and</p> <p class="list-item-l1">(d) one (1) representative of the Authority, being a non-voting Member.</p> <p>Panel Chairperson</p> <p>1.3 The Panel Chairperson shall be appointed by majority vote of the Modification Panel and shall serve as Panel Chairperson until such time as their appointment expires in accordance with paragraph 1.31.</p> <p>T&SCo Representatives</p> <p>1.4 Subject to paragraph 1.13, the T&SCos shall appoint (and as the case may be re-appoint) up to six (6) T&SCo Representatives to the Modification Panel.</p> <p>1.5 Subject to paragraph 1.6 and 1.7, each T&SCo will have an equal representation of T&SCo Representatives and in such circumstances each T&SCo shall have absolute discretion over the individuals that it appoints as the T&SCo Representative(s) representing that T&SCo.</p>

No	Subject	Terms
		<p>1.6 Subject to paragraph 1.7, where the number of T&SCos and the limit of six (6) T&SCo Representatives prevents equal representation in accordance with paragraph 1.5, each T&SCo shall have at least one T&SCo Representative (the identify of whom shall be determined in that T&SCo's absolute discretion) and the T&SCos shall collectively by agreement appoint any additional T&SCo Representatives to reach 6 T&SCo Representatives.</p> <p>1.7 Where the number of T&SCos and the limit of six (6) T&SCo Representatives prevents each T&SCo having at least one T&SCo Representative, the T&SCos shall collectively by agreement appoint the T&SCo Representatives.</p> <p>1.8 The Authority shall (itself or through a designated independent person appointed by the Authority) appoint the T&SCo Representatives where the T&SCos are unable to collectively agree upon the identity of any T&SCo Representatives under paragraph 1.6, 1.7 or 1.39 .</p> <p>Users' Representatives</p> <p>1.9 Subject to paragraph 1.13, the Users shall appoint (and as the case may be re-appoint) up to six (6) User Representatives to the Modification Panel.</p> <p>1.10 Subject to paragraph 1.11 and 1.12, each User will have an equal representation of User Representatives and in such circumstances each User shall have absolute discretion over the individuals that it appoints as the User Representative(s) representing that User.</p> <p>1.11 Subject to paragraph 1.12, where the number of Users and the limit of six (6) User Representatives prevents equal representation in accordance with paragraph 1.10, each User shall have at least one User Representative (the identity of whom shall be determined in that User's absolute discretion) and the Users shall collectively by agreement appoint any additional User Representatives to reach 6 User Representatives.</p> <p>1.12 Where the number of Users and the limit of 6 User Representatives prevents each User having at least one User Representative, the Users shall collectively by agreement appoint the User Representatives, provided that there is at least one User Representative for each User Type.</p> <p>1.13 Where there are more than six (6) User Types, the number of User Representatives and T&SCo</p>

No	Subject	Terms
		<p>Representatives on the Modification Panel shall be increased to the number of User Types.</p> <p>Note: Consideration to be given to how User Types will be defined so as to provide fair representation.</p> <p>1.14 The Authority shall (itself or through a designated independent person appointed by the Authority) appoint the relevant User Representatives where the Users (or Users of a User Type) are unable to collectively agree upon the identity of any User Representatives under paragraph 1.11, 1.12 or 1.40 .</p> <p>Secretary</p> <p>1.15 The T&SCos shall collectively appoint an individual representative to act as the Secretary. The Secretary shall attend meetings of the Modification Panel and carry out the various tasks and duties assigned to it in this section B (<i>Governance</i>).</p> <p>1.16 The Authority shall (itself or through a designated independent person appointed by the Authority) appoint the Secretary where the T&SCos are unable to collectively agree upon the identity of the Secretary under paragraph 1.15.</p> <p>1.17 Each T&SCo shall be responsible for funding an equal proportion of the costs and expenditure incurred by the Secretary in the carrying out of the various tasks and duties assigned to it in this section B (<i>Governance</i>).</p> <p>1.18 By:</p> <p>(a) the date that is one month after the Code Implementation Date in relation to the first Charging Year; and</p> <p>(b) 30th October each Charging Year thereafter,</p> <p>the Secretary shall prepare and submit to the Modification Panel and the Authority for the Modification Panel's approval:</p> <p>(c) a Resource Plan; and</p> <p>(d) Budget Forecast,</p> <p>("Resource Plan and Budget Forecast") in accordance with the requirements of paragraphs 1.19 and 1.20.</p> <p>1.19 The Resource Plan shall include provision for the level of resources that the Secretary considers necessary to undertake its functions, including any:</p>

No	Subject	Terms
		<ul style="list-style-type: none"> (a) suitable facilities for business purposes; (b) office equipment, including telephones and other communication devices or computer workstations (c) office furniture; and (d) any applications developed for internal or external business purposes. <p>1.20 The Budget Forecast shall set out:</p> <ul style="list-style-type: none"> (a) the itemised budget forecast expenditure for each line item of resource to be provided; (b) the estimated aggregate funds required to implement the resource plan; and (c) such other costs and expenses to be incurred or likely to be incurred by the Secretary. <p>1.21 The Modification Panel shall, as quickly as practicable and in any event within ten (10) Business Days of receipt of the Resource Plan and Budget Forecast, determine whether or not to approve the proposed Resource Plan and Budget Forecast and shall within such ten (10) Business Day period either notify the Secretary of its approval or, in the event that the Modification Panel reasonably withholds its approval, notify the Secretary of any changes or variations to the proposed Resource Plan and Budget Forecast recommended by the Modification Panel. If the Secretary does not accept such changes or variations submitted by the Modification Panel, any such dispute or difference shall be referred to the Authority to be determined by the Authority.</p> <p>1.22 Within one month of the end of each Charging Year, the Secretary shall prepare and submit to the Modification Panel and the Authority an Expenses Claim setting out the details of any Secretary Expenditure (net of VAT) during that Charging Year, together with reasonable supporting evidence in relation to such expenses ("Secretary's Expenses Claim").</p> <p>1.23 On receipt of the Secretary's Expenses Claim, the Modification Panel shall, within ten (10) Business Days prepare and circulate to the Parties a statement setting out for the relevant Charging Year its determination of:</p> <ul style="list-style-type: none"> (a) the budgeted expenditure under the Resource Plan; (b) taxes or duties chargeable, if any;

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		<p>(c) the proportion of the Secretary Expenditure payable by, each Party in accordance with the principle of equal apportionment as set out in paragraph 1.17; and</p> <p>(d) any other information the Modification Panel, in its reasonable discretion, considers relevant,</p> <p>("Draft Statement of Expenses").</p> <p>1.24 If a Party disputes the Draft Statement of Expenses (or any part of it), it shall, within five (5) Business Days of the date of the Draft Statement of Expenses notify the Modification Panel and the Secretary with details of the dispute (an "Expenses Dispute Notification") and, within a further five (5) Business Days, provide such supporting evidence as the Modification Panel may reasonably require.</p> <p>1.25 Within five (5) Business Days of the notice period for disputes under Paragraph 1.24 expiring, the Modification Panel shall:</p> <p>(a) (where no Expenses Dispute Notification has been made) notify the Parties and the Secretary that the Draft Statement of Expenses is final; or</p> <p>(b) (where one or more Expenses Dispute Notifications have been made) circulate to the Parties and the Secretary a revised statement of expenses which shall reflect the undisputed part of the Secretary Expenses Claim only,</p> <p>("Final Statement of Expenses").</p> <p>1.26 The Modification Panel shall consider all disputes under Paragraph 1.24 and shall make a determination, which shall be notified to the Parties and the Secretary within fifteen (15) Business Days of the notice period for disputes under Paragraph 1.24 expiring.</p> <p>1.27 Determinations under Paragraph 1.26 shall be reflected in the next following Draft Statement of Expenses to be issued under Paragraph 1.23, and any Party that made an Expenses Dispute Notification may not make an Expenses Dispute Notification in respect of that part or parts of the Draft Statement of Expenses that were subject to the earlier dispute.</p> <p>1.28 Following receipt by the Modification Panel of the Final Statement of Expenses, the Secretary may invoice each of the T&SCos for its proportion of the Secretary Expenditure, together with VAT, for each Charging Year, as set out in the Final Statement of Expenses.</p>

No	Subject	Terms
		<p>1.29 Each T&SCo shall pay any amount due under paragraph 1.28 to the Secretary within thirty (30) days of the amount being invoiced to it.</p> <p>1.30 The allocation of funding between the Parties under paragraph 1.17 shall be reviewed by the Authority once every two years from the Code Implementation Date.</p> <p>Appointments and retirements</p> <p>1.31 Each Voting Member shall be appointed for a two (2) year period commencing on 1 October and ending with effect from the second anniversary of such date ("Appointment Period").</p> <p>1.32 Each Voting Member shall retire at end of their Appointment Period.</p> <p>1.33 Each retiring Member shall be eligible for re-appointment, save that where additional Voting Members have been appointed pursuant to paragraphs 1.6, 1.7, 1.8 (in the case of T&SCo Representatives), or paragraphs 1.11, 1.12 or 1.14 (in the case of User Representatives) and subject always to paragraphs 1.39 and 1.40, such Voting Members will be appointed for a maximum of one Appointment Period.</p> <p>1.34 Any Voting Member who is, pursuant to paragraph 1.32 to retire and who is not to be re-appointed (and consequently in respect of whom no notice shall have been received pursuant to paragraphs 1.35 or paragraph 1.36) shall not be entitled to receive notice of any meeting of the Modification Panel which is to take place after the end of their Appointment Period.</p> <p>1.35 In respect of each individual who is a T&SCo Representative, the T&SCos shall, not later than 1st September in the year following the year in respect of which the T&SCo's Representative's Appointment Period commences, notify the Secretary:</p> <p style="padding-left: 40px;">(a) that such individual is to be re-appointed as a T&SCo Representative; or</p> <p style="padding-left: 40px;">(b) that such individual is not to be so re-appointed and the identity of the individual to be appointed as a T&SCo Representative.</p> <p>1.36 In respect of each individual who is a User Representative, each User shall, not later than 1st September in the year following the year in respect of which the Users' Representative's Appointment Period commences, notify the Secretary (copying the notice to the Authority):</p>

No	Subject	Terms
		<p>(a) that such individual is to be re-appointed as a User Representative; or</p> <p>(b) that such individual is not to be so re-appointed at the relevant meeting and the identity of the individual to be appointed as a User Representative.</p> <p>1.37 Where any notice is received pursuant to paragraphs 1.35 or 1.36, the appointment or, as the case may be, the re-appointment to which such notice relates shall have effect from the 1 October specified in such notice. Each individual who is to be appointed or, as the case may be, reappointed as a Member at that meeting shall be entitled to receive notice of any meeting of the Modification Panel which is to take place after the commencement of their Appointment Period.</p> <p>1.38 If notices shall be received in accordance with paragraph 1.35 or 1.36 in respect of less than six (6) individuals to be appointed (or, as the case may be, reappointed) as User Representatives or T&SCo Representatives (as applicable) all individuals identified in such notices shall, pursuant to paragraph 1.35 or 1.36 (as applicable) be appointed (or, as the case may be, reappointed) and the individuals who are, pursuant to paragraph 1.32, to retire and in respect of whom no notice shall have been received pursuant to paragraph 1.35(a) or paragraph 1.36(a), shall retire at the end of their Appointment Period.</p> <p>1.39 If less than six (6) individuals are appointed (or, as the case may be, reappointed) as T&SCo Representatives the T&SCos shall collectively by agreement appoint the individuals to act as additional T&SCo Representatives (and paragraph 1.32 shall not apply to any such appointment).</p> <p>1.40 If less than six (6) individuals are appointed (or, as the case may be, reappointed) as User Representatives the Users shall collectively by agreement appoint the individuals to act as additional User Representatives (and paragraph 1.32 shall not apply to any such appointment).</p> <p>Ceasing to be a Member</p> <p>1.41 A Member shall, other than by way of retirement pursuant to paragraph 1.32, cease to be a Member where:</p> <p>(a) the Member notifies the Secretary that they wish to cease to be a Member; or</p> <p>(b) in the case of a Voting Member, the Member is absent from three (3) consecutive monthly</p>

No	Subject	Terms
		<p>meetings (convened in accordance with paragraph 1.46) of the Modification Panel.</p> <p>1.42 Where pursuant to paragraph 1.41 or otherwise a vacancy shall arise, in the case of:</p> <p>(a) a T&SCo Representative, the T&SCos shall, by notice to the Secretary, identify another individual to be appointed as a T&SCo' Representative;</p> <p>(b) a User Representative, the Users shall, by notice to the Secretary, identify another individual to be appointed as a User Representative.</p> <p>Meetings of the Panel</p> <p>1.43 Meetings of the Modification Panel will provide a forum in which Modifications Proposals can be discussed in accordance with the Modification Procedures.</p> <p>1.44 Except as otherwise permitted in the Code:</p> <p>(a) determinations of the Modification Panel shall be made by Panel Majority; and</p> <p>(b) Workgroups may be created or dissolved by Panel Majority,</p> <p>where "Panel Majority" shall mean</p> <p>(c) a majority (in number) of the votes exercised by the Voting Members present at that meeting and voting in favour of such matter; or</p> <p>(d) if there is an equal number of votes by the Voting Members present at that meeting in favour of and against such matter, where the representative of the Authority elects to exercise a casting vote in favour of such matter.</p> <p>Frequency of meetings</p> <p>1.45 The Secretary shall convene meetings of the Modification Panel by notice to the Members not less frequently than once each month unless there is no matter as an agenda item for the Modification Panel to discuss. In any event, a meeting of the Modification Panel will be convened once every three calendar months.</p> <p>Notice convening meetings</p> <p>1.46 The Secretary shall be responsible for providing notices of meetings with agendas and materials in relation to the matters to be considered at the meeting.</p>

		<p>Location and Form of Meetings</p> <p>1.47 Meetings of the Modification Panel may take place by any audio, audio-visual or interactive communication, provided that each Member shall be able to communicate to each of the other Members and be heard by each of the other Members simultaneously.</p> <p>1.48 Any Member who shall be able to participate in the manner envisaged by paragraph 1.47 in any meeting of the Modification Panel shall be treated as being present at such meeting, notwithstanding that the Members may not all be meeting in the same place and accordingly shall, if such Member is a voting Member, be entitled to vote and shall count towards a quorum.</p> <p>1.49 Where any Member is unable to attend a meeting of the Modification Panel such Member shall be entitled to appoint another person as their proxy to exercise all or any of their rights to attend and to speak and vote at such meeting, provided that notice of such appointment is given to the Secretary no later than twenty-four (24) hours prior to such meeting taking place.</p> <p>Quorum</p> <p>1.50 Eight (8) Members, of whom four (4) shall be T&SCo Representatives and four (4) shall be User Representatives present at a meeting of the Modification Panel shall be a quorum.</p> <p>Voting</p> <p>1.51 Any matter expressed to require a determination of the Modification Panel shall be determined by a vote.</p> <p>1.52 On any vote each Voting Member present shall be entitled to exercise a vote. Where there is:</p> <ul style="list-style-type: none"> (a) an equal number of T&SCo Representatives and User Representatives present, each Voting member shall be entitled to exercise one (1) vote; and (b) an unequal number of T&SCo Representatives and User Representatives present, votes shall be weighted such that: <ul style="list-style-type: none"> (i) there shall be an equal number of voting rights between T&SCo Representatives and User Representatives; and (ii) each T&SCo Representative and User Representative has equally weighted voting rights. <p>1.53 Subject to paragraph 1.54, it is expected that each Voting Member shall, as appropriate, represent and inform the Modification Panel of the views of that</p>
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		<p>Member's appointor (or appointors) in relation to Modification Proposals.</p> <p>Note: <i>i.e. if a User Representative is appointed by a User it would be entitled to reflect the views of that User, if it was appointed by Users within a User Type it would be expected to reflect the views of the Users of that User Type.</i></p>
1.54		Where a Voting Member has been appointed by the Authority pursuant to paragraph 1.8 or 1.14, such Voting Member shall represent and inform the Modification Panel of the views of the T&SCo, User or User Type (as applicable) of which that Voting Member is a part, in relation to Modification Proposals.
1.55		<p>A resolution in writing signed in wet ink or electronically by Voting Members shall be valid and effective for the purposes of discharging any function requiring a determination of the Modification Panel as if such vote were conducted in accordance with paragraph 1.51 at a duly convened meeting of the Modification Panel provided that votes are received by the Secretary from such Members as would, if present, form a quorum in accordance with paragraph 1.50 not later than three (3) Business Days (or such shorter period as the Secretary may reasonably notify) following receipt by Voting Members of such documents as are necessary for the purposes of such written resolution.</p> <p>Observers and Invitees</p>
1.56		The Panel Chairperson may at its discretion, authorise any individual (who is not a Member) to attend a meeting of the Modification Panel as an observer on behalf of a User or T&SCo and to participate in the business of the meeting.
1.57		The Modification Panel and/or the Authority may, from time to time, determine to invite any individual to attend all or part of a meeting of the Modification Panel.
1.58		Where such an invitation is made, the Secretary shall give as much notice as reasonably practicable to Members of the Modification Panel of the name of the individual invited, the organisation that the individual represents and the date of the relevant meeting(s). Where the Authority requests the Secretary to invite any individual, the Secretary shall set out in writing to the Authority details of any objections that the Parties may have to such attendance.
1.59		Any invitee to a meeting of the Modification Panel pursuant to paragraph 1.58 shall be entitled to receive copies of any relevant minutes, agendas, notices and Modification Proposals due to be discussed at that

No	Subject	Terms
		meeting (but shall not be entitled to participate in the business of the meeting).
2.	Modification Procedure	<p>Modification proposals</p> <p>2.1 A Modification Proposal in respect of the Code may be made from time to time by:</p> <ul style="list-style-type: none"> (a) a T&SCo; (b) a User; or (c) the Authority. <p>2.2 Each Modification Proposal made pursuant to paragraph 2.1 shall set out the information and be in the form specified in the Code.</p> <p><i>Note: Requirements of a Proposal to be developed but it will include as a minimum the justification for the proposed modification, proposed timeframe for implementation, suggested process to be followed through the Modification Rules (ie Consultation, Workgroup, Self-Governance Proposal etc).</i></p> <p>2.3 The Secretary shall be required to establish and maintain an online register of all Modification Proposals which shall be made publicly available.</p> <p>2.4 Each Modification Proposal shall be given to the Secretary who shall ensure that the information required pursuant to the Code has been provided, and the form of the Modification is as specified in the Code before accepting such Modification Proposal.</p> <p>2.5 Where a purported Modification Proposal, does not comply with paragraph 2.2 the Secretary may reject such Modification Proposal.</p> <p>2.6 On receipt of a Modification Proposal, the Secretary shall:</p> <ul style="list-style-type: none"> (a) allocate a unique reference number to that proposal; (b) update the online register of Modification Proposals established pursuant to paragraph 2.3; and (c) by the later of: <ul style="list-style-type: none"> (i) the end of three (3) Business Days following receipt of a Modification Proposal; or

No	Subject	Terms
		<p>(ii) the end of the first Business Day following the date on which the Secretary receives notification of any decision of the Authority pursuant to paragraph 2.36 as to whether the Modification Proposal should be treated as an Urgent Modification Proposal,</p> <p>send a copy of that Modification Proposal to each T&SCo, each User and the Authority; and</p> <p>2.7 subject to paragraph 2.36, put initial discussion of the Modification Proposal, on the Agenda for the next meeting of the Modification Panel (provided the Modification Proposal is received no later than [x] Business Days prior to the date of the next meeting of the Modification Panel).</p> <p>Discussion of Modification Proposal</p> <p>2.8 The Modification Panel shall discuss each new Modification Proposal at a meeting of the Modification Panel. The Modification Panel shall make determinations having:</p> <p>(a) discussed the Modification Proposal;</p> <p>(b) heard the presentation of the Proposer's representative (provided that the Modification Panel shall be entitled to determine to proceed where the Proposer's representative fails to attend); and</p> <p>(c) considered whether there are any other persons from whom representations should be invited and considered.</p> <p>2.9 Subject to paragraph 6, the Modification Panel may determine that a Modification Proposal:</p> <p>(a) either satisfies the Self-Governance Criteria or does not;</p> <p>(b) where the Self-Governance Criteria has been determined to be satisfied, either satisfies the Fast Track Self-Governance Procedure (which must be determined Unanimously by the Modification Panel) or does not;</p> <p>(c) where the Fast-Track Self-Governance Criteria has been determined to be satisfied, the Modification be implemented (which must be determined Unanimously by the Modification Panel);</p> <p>(d) should be referred to a Workgroup for a Workgroup Assessment (and the Modification</p>

No	Subject	Terms
		<p>Panel may determine the Terms of Reference for such work (including terms as to the identity of any third parties to be consulted) and the date upon which it requires the Workgroup to submit its Workgroup Report);</p> <p>(e) should proceed to Consultation;</p> <p>(f) should be deferred to a subsequent meeting of the Modification Panel for further discussions; or</p> <p>(g) be referred back to the Proposer for further development (provided this can only be determined once per Modification Proposal).</p> <p>Workgroup Assessment</p> <p>2.10 If the Modification Panel determines that the Modification Proposal should proceed to Workgroup Assessment then the Secretary shall within ten (10) Business Days of such determination finalise the Terms of Reference for that Workgroup Assessment and notify each T&SCo and User and invite them to make representations in respect of the Modification Proposal within fifteen (15) Business Days.</p> <p>2.11 Once the Terms of Reference for the Workgroup Assessment have been finalised:</p> <p>(a) the Workgroup shall meet and consider the Modification Proposal in accordance with the details and timescales set out in the Terms of Reference;</p> <p>(b) the Secretary shall ensure that the Authority is notified of all meetings of the Workgroup and invited to attend; and</p> <p>(c) the Workgroup shall prepare a Workgroup Report containing a recommendation based on the Workgroup's consideration of the Modification Proposal within the timescale set out in the Terms of Reference and send a copy to all Members as soon as reasonably practicable but in any event not less than eight (8) Business Days prior to the meeting of the Modification Panel at which that report is to be discussed.</p> <p>Note: <i>The minimum requirements of a Workgroup Report will be specified in the Code</i></p> <p>Note: <i>The Code shall allow for a Party to make Alternative Proposals for consideration by the Workgroup (including where the initial proposer of a proposal withdraws that original proposal).</i></p>

No	Subject	Terms
		<p data-bbox="603 259 1390 412">2.12 Having considered the Workgroup Report, the Modification Panel shall determine if the Modification Proposal shall proceed to Consultation or whether it should be referred back to the Workgroup for further work.</p> <p data-bbox="708 448 884 477">Consultation</p> <p data-bbox="603 510 1390 757">2.13 If the Modification Panel determines that the Modification Proposal should proceed to Consultation (including in circumstances where the Modification Proposal has already been the subject of a Workgroup Report), the Secretary shall prepare a draft Modification Report in accordance with paragraph 2.19 and circulate the draft Modification Report to each T&SCo and each User within:</p> <ul style="list-style-type: none"> <li data-bbox="708 792 1390 882">(a) fifteen (15) Business Days, where the Modification Panel has determined that legal text is required; <li data-bbox="708 918 1390 1008">(b) three (3) Business Days, where the Modification Panel has determined that legal text is not required; or <li data-bbox="708 1043 1390 1106">(c) such other time period as the Modification Panel shall determine, <p data-bbox="708 1137 1390 1227">inviting them to make representations to the Secretary within fifteen (15) Business Days following the date of that invitation</p> <p data-bbox="603 1263 1390 1415">2.14 The Secretary shall update the online register of Modification Proposals established pursuant to paragraph 2.3 to include publication in full of all representations received during Consultation in respect of such Modification Proposal.</p> <p data-bbox="603 1451 1390 1541">2.15 Within ten (10) Business Days following the last day for making representations to the Secretary in respect of the draft Modification Report, the Secretary shall:</p> <ul style="list-style-type: none"> <li data-bbox="708 1576 1390 1666">(a) prepare a final Modification Report in accordance with paragraph 2.19 for approval of the Modification Panel; <li data-bbox="708 1702 1390 1765">(b) submit a copy of the final Modification Report to each T&SCo, each User and each Member; <li data-bbox="708 1800 1390 1890">(c) add the Modification Proposal as an agenda item for the Modification Panel to discuss in the next meeting of the Modification Panel; <li data-bbox="708 1926 1390 2040">(d) where the Secretary considers that any representation made identifies issues that may arise through implementation of the proposal then the Secretary shall record such issues and

No	Subject	Terms
		<p>include them in the final Modification Report and the Secretary shall submit it to the next Modification Panel for determination pursuant to paragraph 2.16.</p> <p>2.16 Where the Modification Panel determines that views on such issues identified under paragraph 2.15(d) should be obtained by the relevant Workgroup then:</p> <ul style="list-style-type: none"> (a) the Secretary shall submit the final Modification Report to the relevant Workgroup and obtain a report containing their views; (b) within three (3) Business Days following receipt of such report the Secretary shall submit a copy of the final Modification Report to each T&SCo, each User and each Member; and (c) the Secretary shall add the Modification Proposal as an Agenda item for the Modification Panel to discuss in the next meeting of the Modification Panel. <p>2.17 Subject to paragraph 2.32, upon receipt of the final Modification Report under paragraphs 2.15 or 2.16, the Modification Panel shall assess whether the final Modification Report complies with the requirements of paragraph 2.19, and if it is compliant, shall:</p> <ul style="list-style-type: none"> (a) determine whether or not to recommend the implementation of the Modification Proposal to the Authority; (b) submit to the Authority its determination under paragraph 2.17(a) and the factors which (in its opinion), justify its determination (including how the Modification Proposal meets T&SCo's objectives as set out in its Licence); and (c) instruct the Secretary to send the final Modification Report, together with its recommendation to the Authority. <p>2.18 The Secretary shall, within one (1) Business Day of an instruction under paragraph 2.17(c), circulate to the Authority and each T&SCo and each User the following:</p> <ul style="list-style-type: none"> (a) a copy of the final Modification Report and any other attachments; and (b) a copy of the Modification Panel's recommendation to the Authority seeking a determination of the Authority as to whether the Modification should be implemented or not.

		<p>Content of Modification Report</p> <p>2.19 Each Modification Report shall include the following information:</p> <ul style="list-style-type: none"> (a) set out or append in full: <ul style="list-style-type: none"> (i) the relevant Modification Proposal including, in the case of a Modification Proposal, any suggested text provided by the proposer; and (ii) where the Modification Panel has determined that legal text is required, the legal text; (b) provide an analysis of whether and if so the extent to which the Modification would better facilitate the achievement (for the purposes of each T&SCo's Licence) of the Relevant Objectives; (c) where it relates to a Self-Governance Modification Proposal, state that fact and whether the Modification Panel or the Authority determined that such proposal satisfied the Self-Governance Criteria; (d) address the implications (if any) of the implementation of such Modification Proposal: <ul style="list-style-type: none"> (i) on operation of the T&S Network; (ii) for the T&SCos and each T&SCo, including: <ul style="list-style-type: none"> (A) the implications for the operation of the Onshore Transportation System and/or the Offshore Transportation and Storage System; the development and capital cost and operating cost implications (if any) for each T&SCo of implementing the Modification Proposal and if there are any such cost implications, the extent to which it is appropriate for each T&SCo and/or the T&SCos to recover the costs, and (to such extent) a proposal for the most appropriate way for the costs to be recovered; and (e) address the implications (if any) of the implementation of the Modification for Users, including:
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No	Subject	Terms
		<ul style="list-style-type: none"> (i) the administrative and operational implications (if any) of the implementation of the proposal on Users; and (ii) the capital cost and operating cost implications (if any) for Users of implementing the Modification Proposal (f) address the implications (if any) for other relevant persons; (g) provide a summary of the representations and/or responses of those persons (if any) which the Workgroup consulted, pursuant to the Terms of Reference and paragraph 2.10 and (to the extent that representations are not addressed or otherwise commented upon in the Modification Report) comment, in the context of the Modification Report as a whole, on such representations; (h) detail the programme for works (if any) required as a consequence of the implementation of the Modification Proposal; (i) set out a proposed timetable to be followed in respect of the implementation of the Modification (including, but without limitation, the date upon which the Modification should become effective); (j) state whether or not any matter detailed in the Workgroup Report (pursuant to paragraph 2.11(c)) has been addressed or otherwise dealt with and: <ul style="list-style-type: none"> (i) if such matter has been so addressed or dealt with, the result; or (ii) if such matter has not been so addressed or dealt with, an explanation as to why such matter has not been addressed or dealt with; (k) state the number of Voting Members in favour of, and the number of Voting Members present and not voting in favour of, the implementation of the Modification Proposal pursuant to the determination made under paragraph 2.17; (l) have attached to it copies of all the representations received by the Secretary; and (m) set out a high level summary of views expressed in the representations, which may be satisfied by stating the number of representatives in favour of, and the number of representatives against the

No	Subject	Terms
		<p>implementation of the Modification Proposal (or Third Party Modification Proposal).</p> <p>Implementation</p> <p>2.20 Where the Authority receives a final Modification Report pursuant to paragraph 2.18, the Authority may determine:</p> <ul style="list-style-type: none"> (a) that the final Modification Report provides insufficient detail in order to make a decision, in which case the Secretary shall make the necessary arrangements to address the deficiency and re-submit it to the Modification Panel and paragraph 2.17 shall re-apply; or (b) whether the proposed Modification shall be implemented and may give notice of its decision together with reasons, to the Secretary, in which case on receipt of such notice from the Authority: <ul style="list-style-type: none"> (i) if the notice confirms the Authority's determination not to implement the proposed Modification, the Secretary shall circulate to each T&SCo, each User and each Member a non-implementation notice; and (ii) if the notice confirms the Authority's determination to implement the Modification, the Secretary shall circulate to each T&SCo, each User and each Member an implementation notice. <p>2.21 If, in respect of a Modification Proposal which is the subject of a Modification Report previously submitted to the Authority by the Secretary in accordance with paragraph 2.18:</p> <ul style="list-style-type: none"> (a) the Authority has not given notice of its decision in respect of that Modification Report within two (2) calendar months (in the case of Urgent Modification Proposals), or four (4) calendar months (in the case of non-Urgent Modification Proposals) from the date upon which the relevant Modification Report was submitted to it; or (b) the Authority, or any Voting Member, by notice to the Secretary expresses the reasonable opinion that the circumstances relating to that Modification have materially changed, <p>the Secretary shall place that Modification Proposal on the Agenda for consideration at the next Modification Panel meeting.</p>

No	Subject	Terms
		<p>2.22 Having considered the circumstances relating to the Modification Proposal which is subject to paragraph 2.21, the Modification Panel may determine that the Secretary should request the Authority to give an indication of the likely date by which the Authority's decision shall be made.</p> <p>Modification</p> <p>2.23 Subject to paragraph 2.24, the Secretary shall modify the Code in accordance with each consent given and each direction made by the Authority.</p> <p>2.24 The Secretary shall modify the Code without the consent of the Authority in accordance with a determination made by the Modification Panel in respect of a Self-Governance Modification Proposal under paragraph 2.33(a) no less than fifteen (15) Business Days after the date of such determination provided that no Appeal has been made or the Authority has not directed that its approval is required in accordance with paragraph 2.27(b).</p> <p>2.25 The Secretary shall, as soon as reasonably practicable, notify each T&SCo, each User and each Member of each Modification. Each such notice shall specify the legal text of the Modification and the date upon which the Modification shall become effective and may provide (for the purposes of information only) an explanatory note (which note should not be relied upon) in respect of the Modification. Each Modification shall become effective upon the date specified in the relevant notice.</p> <p>Self-Governance Modifications</p> <p>2.26 Where the Modification Panel determines that the Modification Proposal satisfies the Self-Governance Criteria and paragraph 2.9(a) applies, the Secretary shall submit a Self-Governance Statement to the Authority with a proposed Self-Governance Determination Date.</p> <p>2.27 The Authority may, at any time before the proposed Self-Governance Determination Date:</p> <p>(a) reject the Modification Panel's determination that the Self-Governance Criteria have been satisfied; or</p> <p>(b) direct that its approval is required to implement the Self-Governance Modification Proposal.</p> <p>2.28 Notwithstanding any determination to the contrary under paragraph 2.9(a), the Authority may determine</p>

No	Subject	Terms
		<p>that a Modification Proposal satisfies the Self-Governance Criteria.</p> <p>2.29 Where paragraph 2.9(b) applies but paragraph 2.9(c) does not (ie the Modification Proposal satisfies the Fast Track Self Governance Procedure but the Modification Panel does not determine that it should be implemented immediately), the Modification shall become a Self-Governance Modification Proposal and be further determined by the Modification Panel under paragraph 2.9.</p> <p>2.30 Where the Modification Panel makes a determination in respect of a Self-Governance Modification Proposal under paragraph 2.9(c) (i.e. in respect of a fast tracked Modification) a Party or the Authority may object to such determination and the Self-Governance Modification Proposal shall not be implemented. Any such objection shall be received within fifteen (15) Business Days of the implementation notice under paragraph 2.20(b)(ii) being issued.</p> <p>Note: <i>Appeal rights and basis for objection to be developed</i></p> <p>2.31 Where a (fast tracked) Self-Governance Modification Proposal is objected to under paragraph 2.30 then the Self-Governance Modification Proposal shall return to the Modification Panel and be considered as a Modification Proposal under the provisions of paragraph 2.9.</p> <p>2.32 Where the Modification Proposal is a Self-Governance Modification Proposal paragraphs 2.17, 2.18, and 2.20 shall not apply to such proposal.</p> <p>2.33 The Modification Panel shall upon receipt of the final Modification Report under paragraph 2.15 or 2.16, in respect of a Self-Governance Modification Proposal:</p> <ul style="list-style-type: none"> (a) assess whether the final Modification Report complies with the requirements of the Code, and if it is compliant, shall make a determination as to whether or not the Self-Governance Modification Proposal should be implemented; (b) instruct the Secretary to include such determination and the Modification Panel's reasoning for such determination in the Final Modification Report; and (c) instruct the Secretary to circulate an implementation notice or a non-implementation notice (as the case may be) in respect of such

No	Subject	Terms
		<p>proposal to each T&SCo, each User and each Member.</p> <p>2.34 Where the Modification Panel makes a determination in respect of a Self-Governance Modification Proposal under paragraph 2.33(a), a T&SCo or User may appeal such determination and the Self-Governance Modification Proposal shall not be implemented until the Authority has confirmed a determination in respect of an appeal and an implementation notice has been sent.</p> <p>Urgent Modification Proposals</p> <p>2.35 If the Proposer considers that a Modification Proposal should be treated as an Urgent Modification Proposal it shall state so in its Modification Proposal and the Secretary shall as soon as possible send a copy of the Modification Proposal to the Authority.</p> <p>2.36 Where the Authority:</p> <ul style="list-style-type: none"> (a) agrees that the Modification Proposal should be treated as an Urgent Modification Proposal, all or any of the Modification Rules (including, but without limitation, consulting with the Modification Panel and seeking representations from each T&SCo and Users or any other person may be deviated from and any other procedure accepted by the Authority may be followed; or (b) does not agree that the Modification Proposal should be treated as an Urgent Modification Proposal the Secretary shall notify the Modification Panel and the standard Modification Rules will apply.
3.	Specific Provisions	<p>3.1 Subject to paragraph 4, Modification Proposals in respect of Specific Provisions shall be addressed using an equivalent Modification Procedure, save that only:</p> <ul style="list-style-type: none"> (a) the T&SCo that owns and operates the T&S Network to which those Specific Provisions apply; and (b) a User that is the holder of a Connection Agreement relating to the T&S Network, or relevant part of the T&S Network, to which those Specific Provisions apply, <p>shall be deemed a "T&SCo or a "User" for the purposes of the Modification Rules.</p>
4.	Ancillary Agreement	<p>4.1 The "User-specific provisions" of an Ancillary Agreement may be amended by agreement of the parties to that Agreement and not otherwise, and accordingly "User-specific provisions" of an Ancillary Agreement shall not</p>

No	Subject	Terms
		<p>be subject to modification pursuant to the Modification Rules (but without prejudice to any modification of any provisions of the Code which apply to or are incorporated into such Agreement).</p> <p>4.2 The Uniform Provisions of an Ancillary Agreement may only be amended pursuant to the Modification Rules.</p> <p>Note: <i>Distinction between the "User-specific provisions" and the Uniform Provisions of an Ancillary Agreement are subject to the development of those agreements but it may be that the "User-specific provisions" comprise the schedules and the Uniform Provisions comprise the main body.</i></p>
5.	Modifications General	<p>5.1 The Secretary may decide to seek a view from the Authority on any matter arising (under these Rules or otherwise) from a Modification Proposal that is not a Self-Governance Modification Proposal at any stage prior to the date on which the Secretary finalises the Modification Report.</p>
6.	Authority rights	<p>Note: <i>it is expected that the Authority will have a right to initiate Modifications through a process – referred to as a specified code review process – which is intended to be similar to the significant code review process that applies in the context of gas and electricity codes but will be more streamlined while still incorporating consultation and engagement with Code parties. The details of this process are being developed, but the intention is that this process will allow the Authority to address any significant market developments or distortions.</i></p>
7.	[Secretary of State rights]	<p>Note: <i>role of Secretary of State (if any) in Modification Procedure is under review.</i></p>
8.	Dispute resolution	<p>Dispute avoidance</p> <p>8.1 The Parties shall at all times deal proactively with any issues through Code governance processes to reduce the scope for disputes to arise. The Parties shall take all reasonable steps to identify solutions and mitigations that address the concerns of other parties and at all times to act reasonably to avoid or minimise the scope for disputes.</p> <p>8.2 Where the relevant Parties are unable to avoid or resolve a dispute, the dispute shall be resolved in accordance with the procedures summarised in this paragraph 8.</p> <p>Introduction</p> <p>8.3 For the purposes of this section:</p> <p>(a) a "dispute" is any dispute or difference arising between the parties under or in connection with</p>

No	Subject	Terms
		<p>the Code, the Code Agreement or any Ancillary Agreement; and</p> <p>Note: <i>Subject to the development of the Code, some disputes may be excluded from this process if there is an alternative process (such as in respect of charging disputes)</i></p> <p>(b) in respect of any dispute "parties" means the T&SCo(s) and/or the User(s) party to such dispute, and "party" shall be construed accordingly.</p> <p>8.4 The Secretary appointed in accordance with paragraph 1.15 shall perform the administrative functions set out in this paragraph 8.</p> <p>8.5 Where any relevant provision provides or the parties have agreed that a dispute is to be referred to or resolved by Expert Determination:</p> <p>(a) paragraphs 9.1 to 9.30 shall apply; and</p> <p>(b) subject to paragraph 8.7, no party shall commence proceedings in any court in respect of or otherwise in connection with such dispute.</p> <p>8.6 The parties may agree to refer any dispute (including such a dispute as is referred to in paragraph 8.4) to mediation in accordance with paragraph 10.1.</p> <p>8.7 Nothing in this section shall prevent any party from seeking interim or interlocutory relief in any court.</p> <p>Related Disputes</p> <p>8.8 If, acting reasonably, a T&SCo believes that a dispute between a T&SCo and a User raises the same or similar issues to a dispute between that T&SCo and another User, T&SCo may require that the related disputes are addressed as a single dispute under this paragraph 8.</p> <p>8.9 If the Secretary identifies that a dispute between a T&SCo and a User(s) raises the same or similar issues to a dispute between another T&SCo(s) and another User(s), the Secretary may notify the relevant T&SCos and if agreed by those T&SCos, the T&SCos may require that the related disputes are addressed as a single dispute under the Code.</p>
9.	Expert determination	<p>Expert Determination</p> <p>9.1 A dispute which is to be referred to or resolved by Expert Determination shall be determined by an individual appointed as an expert in accordance with the relevant provisions of the Code.</p>

No	Subject	Terms
		<p>9.2 Within one month of the Code Implementation Date, the Parties shall develop a list of experts comprising 12 persons available to act as experts in accordance with paragraph 9.1 and listed in alphabetical order by surname ("Listed Experts").</p> <p>9.3 The list under paragraph 9.2 shall comprise six (6) persons nominated collectively by agreement of the T&SCos and six (6) persons nominated collectively by agreement of Users.</p> <p>9.4 No person shall be nominated as expert under this paragraph 9 unless they have first confirmed in writing to the Secretary that they accept their nomination.</p> <p>9.5 If any Listed Expert indicates that they no longer wish to be included in the list they shall be removed from the list and replaced by a person nominated collectively by agreement of the original nominating parties (i.e. either T&SCos or Users).</p> <p>9.6 Any party to a dispute which is to be resolved by or referred to Expert Determination may give notice of the dispute in accordance with this paragraph. The notice shall be given to each other party and shall:</p> <ul style="list-style-type: none"> (a) provide brief details of the issues to be resolved; and (b) nominate four persons as proposed experts. <p>9.7 Within five (5) Business Days after receiving a notice under paragraph 9.6, each party (other than the party giving such notice) shall by notice to each other party nominate four persons as proposed experts.</p> <p>9.8 The parties shall endeavour within ten (10) Business Days after the notice under paragraph 9.6 being given to agree upon the selection of an expert and may meet for this purpose.</p> <p>9.9 If within ten (10) Business Days after the notice under paragraph 9.6 was given the parties shall not have agreed upon the selection of an expert, each shall within a further five (5) Business Days give to the others a notice ("Preference Notice") specifying the names of seven (7) Listed Experts in order of preference and assigning to each a number ("Preference Number") from 7 (the most preferred) to 1 (the least preferred).</p> <p>9.10 The Listed Expert with the greatest aggregate the Preference Numbers assigned to them under each Preference Notice shall be selected as the expert.</p> <p>Appointment of the Expert</p>

No	Subject	Terms
		<p>9.11 Once the expert is selected, the parties shall notify the expert of the selection and request that the expert confirm within five (5) Business days whether they are willing to accept the appointment.</p> <p>9.12 The notification to the expert shall include the following:</p> <ul style="list-style-type: none"> (a) the names of the parties and a summary of the dispute; (b) a request that the expert provides a confirmation required under paragraph 9.27; (c) a request for confirmation of the expert's scale of fees; (d) a statement that the expert's fees and expenses will be paid as provided in paragraph 9.30; (e) a statement that the information disclosed in the notification is confidential and that it should not be disclosed, copied or revealed whether the appointment is accepted or not; (f) a copy of this paragraph 9; and (g) a request for confirmation that the expert is able and willing to act in accordance with the procedure set out herein. <p>9.13 If the selected expert is unwilling or unable to accept the appointment, or shall not have confirmed their willingness and ability to accept such appointment within the period required, the parties shall endeavour to agree upon the selection of another expert within three (3) Business Days, failing which another expert shall be selected in accordance with paragraph 9.11.</p> <p>Timetable and Procedure</p> <p>9.14 No later than five (5) Business Days following their appointment, the expert shall by giving reasonable notice to each party convene a meeting with the parties at which the expert shall raise any matters upon which they requires clarification and discuss with the parties any additional procedural requirements the expert or the parties may have.</p> <p>9.15 The parties shall, not later than ten (10) Business Days after the appointment of the expert, submit to the expert and to each other party written submissions of not more than ten (10) pages in length together with all supporting documentation, information and data which they wish to submit in respect of the dispute; and the parties may also submit a statement of facts which they have agreed between themselves to the expert.</p>

No	Subject	Terms
		<p>9.16 Each party may, not later than twenty (20) Business Days after the appointment of the expert, submit to the expert and each other party written submissions of not more than ten (10) pages in length, together with any additional supporting documentation, information and data, in reply to the submissions made under paragraph 9.15.</p> <p>9.17 The expert shall disregard any documentation, information, data or submissions supplied or made (other than pursuant to paragraph 9.22) by any party later than twenty (20) Business Days after their appointment unless the same are provided in response to a request from the expert.</p> <p>9.18 If the expert shall wish to obtain independent professional and/or technical advice in connection with the dispute:</p> <ul style="list-style-type: none"> (a) they shall first provide the parties with details of the name, organisation and estimated fees of the professional or technical adviser; and (b) they may engage such adviser with the consent of the parties (which consent shall not be unreasonably withheld) for the purposes of obtaining such professional and/or technical advice as they may reasonably require. <p>9.19 The expert may at their discretion and at any time request information from any of the parties orally but shall only do so in the presence of the other parties.</p> <p>9.20 At any time after the period referred to in paragraph 9.16 expires, with the written consent of the parties, the expert may (but shall not be required to) convene a hearing upon giving the parties reasonable notice.</p> <p>9.21 The expert shall provide a draft of their determination, which shall be a report in writing giving reasons for the determination, to the parties not later than thirty-five (35) Business Days following the expert's appointment.</p> <p>9.22 Each party may, within ten (10) Business Days following delivery of the draft determination, submit to the expert any documentation, information, data, submissions or comments not exceeding 5 pages in length on or in respect of the draft determination.</p> <p>9.23 The expert shall submit their final determination, which shall be a report in writing giving reasons for their determination of the dispute, to the parties not later than fifty (50) Business Days following the expert's appointment.</p>

No	Subject	Terms
		<p>9.24 If the expert fails to submit the final determination by the time required under paragraph 9.23, at the request of any party another expert may be appointed in accordance with the provisions of this paragraph 8 and the appointment of the previous expert shall cease unless, before the appointment of the new expert, the previous expert shall have submitted their final determination hereunder, in which case the new expert shall be forthwith informed that their services will not be required.</p> <p>Effect of determination</p> <p>9.25 The expert's final determination shall be final and binding on the parties except in the event of fraud or where it is so clearly erroneous on its face that it would be unconscionable for it to stand, in which case another expert may be appointed in accordance with the provisions of this paragraph 9.</p> <p>9.26 Except in respect of the application of paragraph 9.25, no party shall commence proceedings in respect of or refer to any court any finding by the expert, whether made at any time after the expert's appointment or in his determination, as to the dispute or the construction of or otherwise in respect of the Code, the Code Agreement or any Ancillary Agreement.</p> <p>Conflict of interest</p> <p>9.27 The expert shall confirm to the parties before the expert's appointment that they do not hold any interest or duty which would or potentially would conflict with the performance of their duties under their contract with the parties.</p> <p>Confidentiality</p> <p>9.28 Subject to paragraphs 8.8 and 8.9 parties and the expert shall keep the fact that the Expert Determination is taking place and its outcome confidential.</p> <p>Costs</p> <p>9.29 Each party shall bear its own costs including, without limitation, costs of providing documentation, information, data, submissions or comments and all costs of and expenses of all witnesses and other persons retained by it.</p> <p>9.30 The expert's fees and expenses shall be payable by the parties in equal amounts, unless the expert (having regard to the conduct of the parties with respect to the dispute in question) shall direct in their final determination that such costs and expenses should be borne by one or some only of the parties, in which case</p>

No	Subject	Terms
		the parties shall pay such fees and expenses in accordance with such direction.
10.	Mediation	<p>10.1 A dispute which is to be referred to mediation shall be referred to a single mediator who shall explore the interests of the parties to the dispute and encourage the parties to resolve the dispute in light of such interests.</p> <p>Appointment of mediator</p> <p>10.2 Within five (5) Business Days after agreeing to refer a dispute to mediation the parties shall meet and use their best endeavours to agree upon a person to act as mediator.</p> <p>10.3 Where the parties agree upon a mediator they shall request such person to accept appointment as mediator, and shall use all reasonable endeavours to agree (between themselves and with the mediator) upon the terms of their appointment.</p> <p>10.4 A person shall be treated as appointed as a mediator if when they have confirmed their acceptance to act as mediator in accordance herewith.</p> <p>Procedure and timetable</p> <p>10.5 Within five (5) Business Days following their appointment, the mediator shall require each party to provide them with a written summary of the dispute, which written summary shall not exceed 5 pages.</p> <p>10.6 The mediator may in their discretion:</p> <ul style="list-style-type: none"> (a) request any party to provide them with copies of any documentation or information which the mediator believes will assist to explain any such summary; and (b) provide any such written summary and/or any information or copy documentation received under paragraph (a) to the other party(ies) to the dispute. <p>10.7 Within ten (10) Business Days following their appointment, the mediator shall contact the parties and shall arrange to meet them.</p> <p>10.8 Each party shall attend the meeting with the mediator with a maximum of three representatives, one of whom shall be a person with decision making authority in relation to the subject matter of the dispute and one of whom may be the legal adviser of that party.</p> <p>10.9 No additional persons shall attend without the prior written consent of the mediator.</p>

No	Subject	Terms
		<p>10.10 The mediator may convene more than one meeting with the parties but shall not convene any meetings later than forty (40) Business Days following their appointment, unless the parties agree otherwise.</p> <p>10.11 The mediator may at their discretion meet each party on their own whether during a meeting attended by the other parties or otherwise, but they shall not disclose to any other party matters disclosed to the mediator in such circumstances without the consent of the disclosing party.</p> <p>10.12 At any meeting attended by the parties, the mediator may require each party to make a brief presentation of its case and the mediator may also require the other parties to reply to another party's presentation.</p> <p>10.13 The mediator shall not act as an arbitrator (and accordingly the provisions of the Arbitration Acts shall not apply).</p> <p>Result of mediation</p> <p>10.14 No party shall be bound to adopt the views or advice expressed or provided by the mediator.</p> <p>10.15 If the dispute is resolved or the parties accept the views and advice of the mediator, the parties shall use their best endeavours, within five (5) Business Days after such resolution or acceptance, to enter into a settlement agreement which shall:</p> <p>(a) set out the terms accepted by the parties or on which the dispute was resolved; and</p> <p>(b) contain provisions of confidentiality.</p> <p>Confidentiality</p> <p>10.16 The parties shall keep confidential the fact that the mediation is taking place.</p> <p>Costs</p> <p>10.17 The parties shall unless they agree otherwise bear their own costs and expenses of whatsoever nature of the mediation.</p> <p>The parties shall bear the fees and expenses of the mediator and all administrative costs arising from the mediation equally.</p>

SECTION C: CONNECTION

No	Subject	Terms
1.	Initial Users	<p>1.1 It is acknowledged that at the Code Implementation Date:</p> <ul style="list-style-type: none"> (a) certain Users (the "Initial Users") have agreed to connect to the T&S Network and T&SCo has agreed to allow these Users to connect to the T&S Network as part of the Government's CCUS Cluster Sequencing Process; (b) each of these Initial Users has entered into or will accede to a Code Agreement, a Construction Agreement and a Connection Agreement; and (c) each of these Initial Users holds Registered Capacity.
2.	New and modified Connections	<p>Note: provisions addressing the process for applying for and connecting to a T&S Network (after the Code Implementation Date) are to be developed.</p>

SECTION D: NETWORK STRUCTURE AND PLANNING

No	Subject	Terms
1.	Network Classification	<p>Overview of T&S Network</p> <p>1.1 Each T&S Network owned and operated by each T&SCo is made up of the following:</p> <ul style="list-style-type: none"> (a) the Onshore Transportation System; (b) the Offshore Pipeline Infrastructure; and (c) the Storage Complex. <p>Note: <i>the relevant T&S Network and Delivery Points etc. will be specifically defined in the relevant Connection Agreement.</i></p>
2.	Network Planning	<p>2.1 Subject to paragraph 2.3, for the purposes of assisting T&SCo in planning the operation and future development of the T&S Network, all Users shall, by 31 October of each Charging Year provide to T&SCo a forecast of:</p> <ul style="list-style-type: none"> (a) the mass of carbon dioxide to be delivered to the T&S Network through the User's Delivery Point; and (b) the User's capacity requirements, <p>for the following (20) twenty Charging Years.</p> <p>2.2 The data provided pursuant to paragraph 2.1 shall be presented in a form to be specified by T&SCo, including a periodic breakdown of <i>[period to be specified]</i> forecast figures.</p> <p>2.3 Subject to paragraph 2.4, any forecast provided by a User to T&SCo pursuant to paragraph 2.1 shall not be binding on the User and each T&SCo acknowledges that any such forecast shall be used by the T&SCo for planning purposes only.</p> <p>2.4 Users shall use reasonable endeavours to provide accurate forecasts when providing information to T&SCo under this paragraph 2 and all such forecasts must be provided on a bona fide basis.</p> <p>2.5 Users shall respond promptly to any queries from T&SCo regarding such forecasts.</p>
3.	Interface between Onshore System and Offshore System	<p>3.1 Note: <i>if the onshore and offshore components of the T&S Network are, in the future, under separate ownership and control, then the CCS Network Code will need to include some provisions dealing with the interface between the two systems and overall operation of the total system. It is not envisaged that this will apply under the initial CCS Network Code.</i></p>

SECTION E: NETWORK USE AND CAPACITY

No	Subject	Terms
1.	Network use	<p>Use of Network</p> <p>1.1 Users may use the T&S Network by delivering carbon dioxide to the Onshore Transportation System or Offshore Transportation and Storage System at a Delivery Point for permanent sequestration in the Storage Complex.</p> <p><i>Note: each User's Connection Agreement will identify (by description or a diagram or both) the Delivery Point to which that User will deliver carbon dioxide.</i></p> <p>Title and risk</p> <p>1.2 Title and risk in carbon dioxide delivered to the T&S Network at a Delivery Point in accordance with paragraph 1.1 shall pass to T&SCo at that Delivery Point.</p> <p>Network Capacity</p> <p>1.3 Users may apply for and register as holding capacity in the T&S Network ("Network Capacity") at Delivery Points.</p> <p>1.4 Network Capacity is expressed in tCO₂/hour.</p> <p>1.5 T&SCo will be required to make available a minimum mass of Network Capacity ("Obligated Network Capacity") in accordance with the terms of the Licence. The Obligated Network Capacity available shall be determined by the Most Restricted Communal Element of the T&S Network, with the maximum Network Capacity available for registration to a User at a Delivery Point being subject to the Maximum Eligible Capacity set out in the User's Connection Agreement.</p> <p>1.6 A User's "Registered Capacity":</p> <p>(a) is the Network Capacity which the User is registered (in accordance with this Section E) as holding at a Delivery Point; and</p> <p>(b) constitutes a User's entitlement to deliver carbon dioxide at a given rate in tCO₂/hour.</p> <p>Scope of Registered Capacity</p> <p>1.7 Where an Onshore User holds Registered Capacity, then (unless otherwise specified) that Registered Capacity constitutes Network Capacity in the following parts of the T&S Network:</p> <p>(a) the Onshore Transportation System;</p>

No	Subject	Terms
		<p>(b) the Offshore Transportation and Storage System.</p> <p>1.8 Where an Offshore User holds Registered Capacity, then (unless otherwise specified) that Registered Capacity constitutes Network Capacity in the Offshore Transportation and Storage System.</p>
2.	Categories of Network Capacity	<p>Categories of Network Capacity</p> <p>2.1 Network Capacity may be allocated to and registered as held by Users as:</p> <p>(a) Long-term Network Capacity which may be applied for by a User and become Registered Capacity for each Day in a period of between one (1) Charging Year and fifteen (15) Charging Years; or</p> <p>(b) Annual Network Capacity which may be applied for by a User and become Registered Capacity by a User for each Day in a particular Charging Year.</p> <p>Note: <i>it is expected that shorter-term capacity products and interruptible capacity will be introduced by modification when there is demand.</i></p>
3.	Allocation of Network Capacity	<p>3.1 It is acknowledged that each Initial User holds the Registered Capacity specified in [<i>to confirm where Registered Capacity is recorded</i>].</p> <p>3.2 T&SCo shall publish on its T&S Network Portal information about the amount of Network Capacity available to Users on the basis of Obligated Network Capacity and Users shall be invited to apply for Network Capacity during a Capacity Application Window, which may be Long-term Network Capacity or Annual Network Capacity.</p> <p>3.3 The "Capacity Application Window" shall be an annual period of [x] from [x] to [x].</p> <p>Note: <i>a single "Capacity Application Window" will apply so that the future capacity requirements of new Users and potential Users can be considered together. Existing Users and potential Users will all be able to apply for Network Capacity at the same time during a Capacity Application Window.</i></p> <p>3.4 An application for Network Capacity shall specify:</p> <p>(a) the identity of the User;</p> <p>(b) the Delivery Point;</p> <p>(c) the period for which the Network Capacity is applied for; and</p>

No	Subject	Terms
		<p>(d) the amount (not less than the Minimum Eligible Amount and not more than the Maximum Eligible Amount for that User) of Network Capacity being applied for.</p> <p>3.5 Where a User already holds Registered Capacity, the User can apply for additional Network Capacity during a Capacity Application Window provided that:</p> <p>(a) the User complies with all other requirements under the Code relating to allocation of Network Capacity; and</p> <p>(b) by acquiring the addition Network Capacity, the User's total Registered Capacity does not extend for a period of time beyond fifteen (15) Charging Years (not including any Registered Capacity that has already been used up before the relevant Capacity Application Window).</p> <p>3.6 T&SCo shall only be entitled to refuse the application for Network Capacity if:</p> <p>(a) the application does not comply with paragraph 3.4 and the User fails to rectify such non-compliance within five (5) Business Days of a notice from the T&SCo requesting such rectification; or</p> <p>(b) the requested Network Capacity is not available and T&SCo, having applied the principles set out in paragraph 3.7, has determined that:</p> <p>(i) no Network Capacity can be allocated to the User; or</p> <p>(ii) the amount of Network Capacity that be allocated to the User is less than the amount that the User has applied for.</p> <p>3.7 Where paragraph 3.6(b) applies, the available Network Capacity will be allocated in accordance with the following principles:</p> <p>[principles to be developed]</p> <p>Note: the Initial Code will include principles for the allocation of capacity where all capacity applications cannot be accommodated. These principles are being developed alongside the principles that will apply to new connection applications, which will be set out in Section C (Connection).</p> <p>3.8 T&SCo will inform the User of the Network Capacity which has been allocated to it and registered as being</p>

No	Subject	Terms
		<p>held by that User within [x] of the closing of the Capacity Application Window.</p> <p>Application for prospective Users</p> <p>Note: <i>it is expected that the process to be developed under Section C (Connection) for prospective Users applying to connect to the T&S Network will include applications for Network Capacity to be determined within the single Capacity Application Window.</i></p>
4.	Security	<p>Note: <i>Users may be required to provide additional security to secure post-termination liabilities for Long-term Network Capacity. The level of security that may be required is under review.</i></p>
5.	Nomination procedure	<p>Nominations - General</p> <p>Note: <i>this paragraph 5 of Section E sets out some high level principles relating to nominations. However, this is an area that is subject to further development.</i></p> <p>5.1 Users will nominate quantities of carbon dioxide for delivery at a Delivery Point for each hour of each Day in accordance with this paragraph 5 for the purposes of enabling T&SCo to plan and carry out the operation of the T&S Network. The nominations that Users are required to make are as follows:</p> <ul style="list-style-type: none"> (a) Annual Nominations; (b) [Monthly/Weekly Nominations]; (c) Daily Nominations, <p>collectively referred to as "Nominations".</p> <p>Note: <i>the details of the nominations process are to be developed. Paragraphs 5.10 onwards set out some high level principles that will apply to Daily Nominations. To avoid duplication of information being provided, it is envisaged that Annual Nominations will be provided together with other forecasting information under Section H.</i></p> <p>5.2 A User shall submit separate Nomination(s) in respect of each Delivery Point.</p> <p>5.3 A User shall not submit a Nomination in respect of a Delivery Point at which, under the prevailing Maintenance Programme or because of some other notified Capacity Constraint, carbon dioxide is not to be delivered to the T&S Network from that Delivery Point on the Day.</p>

No	Subject	Terms
		<p>5.4 The User shall submit a Nomination on the basis of its good faith estimated quantity of carbon dioxide to be delivered on the relevant Day.</p> <p>5.5 The aggregate of the Nominated Quantities specified by a User in a Nomination shall not be greater than the Maximum Eligible Capacity for the period covered by the Nomination.</p> <p>Approval and rejection</p> <p>5.6 T&SCo may reject or (in its discretion) approve a Nomination which is not submitted in accordance with, or does not comply with, the requirements of the Code.</p> <p>Annual Nominations</p> <p>5.7 Annual Nominations shall be provided as part of the forecasting information required to be provided by Users in accordance with paragraph 5 of Section H (<i>Charges, invoicing and payment</i>) for each Year t to which the forecast relates.</p> <p>5.8 Each Annual Nomination shall specify:</p> <ul style="list-style-type: none"> (a) the Year t that it relates to; (b) the identity of the User; (c) the Delivery Point; and (d) the quantity of carbon dioxide nominated for delivery for each Day of that Year t. <p>[Monthly/Weekly Nominations]</p> <p>5.9 Note: <i>principles that will apply to Monthly and/or Weekly Nominations are under review.</i></p> <p>Daily Nominations</p> <p>5.10 Each Daily Nomination shall specify:</p> <ul style="list-style-type: none"> (a) the Day it relates to; (b) the identity of the User; (c) the Delivery Point; and (d) the quantity of carbon dioxide nominated for delivery for each hour of the Day ("the Nominated Quantity"). <p>Re-nominations</p> <p>5.11 Note: <i>the initial Code may include a process to allow Users to amend their original Daily Nomination through</i></p>

No	Subject	Terms
		<p><i>a re-nomination procedure after the daily deadline for nominations has passed.</i></p> <p>Over-nomination and deviation from Nominated Quantity</p> <p>5.12 Note: the initial Code may include a process to address Users nominating quantities greater than their Registered Capacity and consequences for Users delivering carbon dioxide in quantities substantially deviating from their Nominated Quantities.</p> <p>Nomination timetable</p> <p>5.13 A Daily Nomination in relation to each Day shall be made by [x] on the preceding Day (the "Nomination Close Time").</p> <p>5.14 If in respect of any Delivery Point:</p> <p>(a) a User has not submitted a Daily Nomination by the Nomination Close Time; or</p> <p>(b) T&SCo has rejected a Daily Nomination submitted by a User,</p> <p>the User shall be deemed to have failed to make a Daily Nomination.</p> <p>5.15 A Daily Nomination submitted to T&SCo which has not been approved within [x] shall be deemed to have been rejected.</p>
6.	Transfer of Registered Capacity	<p>Note: it is expected that a process for Users trading their capacity could be introduced by modification when there is demand.</p>
7.	Surrender of Registered Capacity	<p>7.1 Users may offer to surrender Registered Capacity:</p> <p>(a) for a Year; or</p> <p>(b) for the remainder of the period of the User's Registered Long-term Network Capacity,</p> <p>provided that a User may not surrender more than 10% in aggregate of the original quantity of the Registered Capacity.</p> <p>7.2 An offer ("Capacity Offer") to surrender Registered Capacity pursuant to paragraph 7.1 shall specify:</p> <p>(a) the identity of the User;</p> <p>(b) the Delivery Point;</p>

No	Subject	Terms
		<p>(c) the period for which Registered Capacity is offered for surrender;</p> <p>(d) the amount (not less than the Minimum Eligible Amount) of Registered Capacity offered for surrender; and</p> <p>(e) the minimum amount (not less than the Minimum Eligible Amount) of Registered Capacity for which the User is willing to have the offer accepted;</p> <p>7.3 T&SCo shall only be obliged to accept a Capacity Offer where such Registered Capacity can be re-allocated to a User in accordance with paragraph 3 after all available Obligated Network Capacity which is not the subject of a Capacity Offer has been allocated.</p> <p>7.4 A User can make a Capacity Offer at any time, but it will only be considered by T&SCo at the first Capacity Application Window that follows the making of the Capacity Offer by the User.</p> <p>7.5 A User shall remain liable for Capacity Charges for any surrendered Registered Capacity until such capacity becomes registered to another User.</p>
8.	Underutilisation	<p>Note: "Use it or Lose it" provisions may be introduced by modification where available capacity in T&S Networks becomes limited.</p>
9.	Maintenance Planning	<p>Decisions on maintenance planning</p> <p>9.1 T&SCo will plan the maintenance of the T&S Network and prepare Maintenance Programmes in good faith with a view to, so far as is practicable having regard to:</p> <p>(a) the nature and urgency of the requirements for such maintenance;</p> <p>(b) any Legal Requirements applying to the operation of the T&S Network; and</p> <p>(c) T&SCo's normal working practices,</p> <p>coordinating the timing of such maintenance to maximise the quantity of carbon dioxide transported and stored that is produced by Users.</p> <p>Maintenance</p> <p>9.2 References in the Code to maintenance (of a T&S Network or any part of it) include:</p> <p>(a) maintenance, inspection, repair, replacement, reinstatement and recommissioning of a T&S Network or such part of it;</p>

No	Subject	Terms
		<p>(b) Network Expansion Works; and</p> <p>(c) any inspection, testing and commissioning of works within paragraphs (a) and (b), and works preparatory thereto, and any works required for bringing any new or existing part of the T&S Network into or back into service.</p> <p>Users' planning information</p> <p>9.3 In each year each User shall provide to T&SCo, not later than <i>[insert]</i>, for the purposes of the Maintenance Programme, an estimate in respect of each week in the relevant Planning Period, of the following:</p> <p>(a) the quantities of carbon dioxide expected to be delivered to the T&S Network on a Day (in each such week) at each Delivery Point; and</p> <p>(b) details of the times and periods for which maintenance of relevant User Facilities is planned during the relevant Planning Period which may affect the delivery of carbon dioxide to the Delivery Point; and</p> <p>(c) such further information (if any) as T&SCo may reasonably require for the purposes of this Section E.</p> <p>9.4 A User must promptly upon becoming aware of any requirement to perform maintenance of relevant User Facilities, notify T&SCo with details of times and periods and the anticipated impact on its delivery of carbon dioxide where such requirement was not known and therefore notified at the time that the information was provided under paragraph 9.3.</p> <p>9.5 A User shall use reasonable endeavours to co-ordinate the maintenance of relevant User Facilities with any Programmed Maintenance of the T&S Network which may affect the delivery of carbon dioxide to the Delivery Point in order to maximise the quantity of carbon dioxide transported and stored that is produced by Users.</p>
10.	Maintenance Programme	<p>T&SCo Maintenance Programme</p> <p>10.1 T&SCo will within [x] period of a T&SCo's accession to the Code and thereafter, not later than [x] each year, prepare and publish on its T&S Network Portal an updated Maintenance Programme for the Planning Period ahead.</p> <p>10.2 The Maintenance Programme referred to in paragraph 10.1 is intended to always cover the Planning Period ahead, but the information published for that Planning Period is to be updated when the next annual</p>

No	Subject	Terms
		<p>Maintenance Programme is published, such that, for example:</p> <ul style="list-style-type: none"> (a) a Maintenance Programme is published for Charging Years t, t+1, t+2, t+3 and t+4; (b) when the next Maintenance Programme is published for Charging Years t+1 to t+5, the information originally published for Charging Years t+1 to t+4 will be updated in accordance with the requirements of this Section E. <p>Content of Maintenance Programme</p> <p>10.3 A Maintenance Programme will identify:</p> <ul style="list-style-type: none"> (a) the Delivery Points at which the ability of T&SCo to accept delivery of carbon dioxide will be constrained by planned maintenance of the T&S Network; (b) the periods for which such Delivery Points will be so affected; (c) whether T&SCo expects that it will continue within such period (or part thereof) to be able to accept delivery of carbon dioxide at any such Delivery Point, but (by reason of such maintenance) on a restricted basis, and if so, [an indicative estimate of the maximum rate at which T&SCo expects to be able to accept delivery of carbon dioxide]; (d) relevant maintenance activities to be performed by Users in accordance with information provided under paragraph 9.3; and (e) such other information as T&SCo shall reasonably decide to include. <p>Publication of draft Maintenance Programme</p> <p>10.4 Before publishing the Maintenance Programme in accordance with paragraph 10.1, T&SCo shall:</p> <ul style="list-style-type: none"> (a) publish on its T&S Network Portal a draft of the Maintenance Programme by [x]; and (b) convene, on not less than [x] Weeks' notice, a meeting ("Annual Maintenance Meeting"), for review of the timing of planned maintenance of the T&S Network under such draft Maintenance Programme. <p>10.5 Users may, up to but not later than eight (8) weeks before the date of the Annual Maintenance Meeting (or first such meeting) submit to T&SCo details of the dates and periods of maintenance planned in respect of any</p>

No	Subject	Terms
		<p>relevant User Facilities and/or comments in relation to the timing of any planned maintenance under the draft Maintenance Programme.</p> <p>10.6 Before holding the Annual Maintenance Meeting(s) T&SCo will discuss with each User, to such extent as it deems appropriate, the details and comments submitted to it by that User under paragraph 10.5.</p> <p>10.7 Subject to paragraphs 9.1 and 10.8, Maintenance Programme decisions shall be taken by T&SCo in its sole discretion, after liaising with Users in accordance with paragraphs 10.4, 10.5 and 10.6.</p> <p>Co-ordination of maintenance between different T&SCos</p> <p>10.8 In preparing the draft Maintenance Programme, the T&SCos shall consult each other with a view, to minimising any adverse impacts on T&SCos and Users (collectively) of maintenance activities.</p> <p>Carrying out maintenance</p> <p>10.9 Subject to paragraphs 10.10 and 10.11, T&SCo will, so far as is reasonably practicable, carry out all maintenance of the T&S Network in accordance with the dates and periods provided for in the applicable Maintenance Programme, as updated on an annual basis.</p> <p>10.10 If T&SCo identifies the need to carry out Reactive Maintenance then it shall:</p> <p>(a) notify any Affected Users as soon as it identifies the need to carry out the Reactive Maintenance; and</p> <p>(b) schedule the carrying out of the Reactive Maintenance with a view to giving the Affected Users as much notice as is reasonably possible in the circumstances.</p> <p>10.11 The notice given to Affected Users in accordance with paragraph 10.10 shall include the following information:</p> <p>(a) the date on which the Reactive Maintenance is to commence and its likely duration; and</p> <p>(b) the impact of the Reactive Maintenance on the Affected Users.</p> <p>Changes to Programmed Maintenance</p> <p>10.12 If T&SCo becomes aware that the commencement date or duration of any Programmed Maintenance needs to be changed, outside of the annual review of the</p>

No	Subject	Terms
		<p>Maintenance Programme, then T&SCo shall give the Affected Users not less than twenty (20) Business Days' notice (or such lesser period as the Affected Users may agree) of the changes to the Programmed Maintenance.</p> <p>10.13 T&SCo shall use reasonable endeavours to avoid making in changes to Programmed Maintenance under paragraph 10.12.</p> <p>Notification requirements</p> <p>10.14 T&SCo will notify Affected Users, by way of reminder, of the carrying out of Programmed Maintenance (as revised under paragraph 10.12) not less than 5 Business Days before the commencement of such maintenance, provided that no accidental failure to notify a User shall prejudice T&SCo's rights to carry out maintenance.</p> <p>10.15 T&SCo will comply with notification/reporting obligations to ensure that Affected Users have ongoing visibility of the progress of any activities under the Maintenance Programme and when any Capacity Constraint arising from maintenance will conclude.</p>
11.	Capacity Constraints	<p>Introduction to Capacity Constraints</p> <p>11.1 A "Capacity Constraint" is a constraint in or affecting any part of the T&S Network at any time, as a result of which carbon dioxide flows in any part of the T&S Network are, (or but for anything done by T&SCo would be), less than the affected User's Registered Capacity, whether such constraint results from:</p> <ul style="list-style-type: none"> (a) the size of any part of the T&S Network; or (b) the operation or failure to operate any part of the T&S Network. <p>11.2 A Delivery Point is "affected" by a Capacity Constraint where T&SCo is, or (but for anything done by that T&SCo) would be unable to accept delivery of the Registered Capacity of carbon dioxide at that Delivery Point, or its ability to do so is impaired, by reason of a Capacity Constraint.</p> <p>11.3 A Capacity Constraint includes (but is not limited to) a constraint which arises by reason of:</p> <ul style="list-style-type: none"> (a) Programmed Maintenance; (b) Reactive Maintenance; or (c) Emergency.

No	Subject	Terms
		<p>Record keeping</p> <p>11.4 In addition to T&SCo's notification requirements under paragraphs 12.1 and 12.2, T&SCo shall keep written records of any Capacity Constraints that have taken place, after the fact, including information relating to:</p> <ul style="list-style-type: none"> (a) the nature and cause of the Capacity Constraint; (b) the Delivery Points affected by the Capacity Constraint; (c) the action which T&SCo has taken to address the Capacity Constraint; and (d) the magnitude and duration of the Capacity Constraint. <p>Note: T&SCo's obligations to maintain records of Capacity Constraints will also be addressed in the Licence, as there is a direct link between Capacity Constraints and the availability adjustment under the Licence.</p>
12.	Response to Capacity Constraints	<p>Notification</p> <p>12.1 To the extent not already provided in accordance with paragraph 10, as soon as is practicable after T&SCo becomes aware that a Capacity Constraint has arisen or will arise, T&SCo shall take the following actions:</p> <ul style="list-style-type: none"> (a) T&SCo shall publish information about the Capacity Constraint on the T&S Network Portal; (b) T&SCo shall send notification of the Capacity Constraint to all Users of Delivery Points affected by the Capacity Constraint; and (c) T&SCo shall keep the information referred to in paragraphs (a) and (b) reasonably updated, including in respect of the anticipated conclusion of the Capacity Constraint. <p>12.2 The information about the Capacity Constraint, which T&SCo must publish and notify to Users in accordance with paragraph 12.1 includes:</p> <ul style="list-style-type: none"> (a) the nature and cause of the Capacity Constraint; (b) the Delivery Points affected by the Capacity Constraint; (c) the action which T&SCo is intending to take to address the Capacity Constraint; and

No	Subject	Terms
		<p>(d) the magnitude and expected duration of the Capacity Constraint.</p> <p>Response</p> <p>12.3 Subject to paragraph 12.6, where a Capacity Constraint arises T&SCo shall respond to the Capacity Constraint by reducing the Network Capacity at the Delivery Points affected by the Capacity Constraint on a pro rata basis.</p> <p><i>Note: the principles that will apply to pro rata reductions of capacity are being developed.</i></p> <p>12.4 A User must stop delivering or reduce the quantity of carbon dioxide being delivered to a Delivery Point in accordance with:</p> <p>(a) any Maintenance Programme; or</p> <p>(b) any direction given by T&SCo to do so in accordance with the provisions of the Code.</p> <p>12.5 If a User fails to comply with any direction given by T&SCo in accordance with paragraph 12.4, T&SCo may take steps to prevent the User from delivering carbon dioxide to the Delivery Point, acting as a Reasonable and Prudent Operator to minimise any adverse impact on User Facilities.</p> <p>Consequences of Capacity Constraints</p> <p>12.6 Where a Capacity Constraint is caused by/arises in connection with an act, omission, breach or default of a User under the Code T&SCo shall prioritise the reduction of that User's Registered Capacity under paragraph 12.3 over the reduction of any other User's Registered Capacity.</p> <p>12.7 Without prejudice to any other right T&SCo may have under the Code to reject the delivery of carbon dioxide (including under Section F), T&SCo will be relieved of its obligations to accept delivery of carbon dioxide of Registered Capacity to the extent that it is not feasible to do so by reason of a Capacity Constraint.</p> <p>12.8 For the avoidance of doubt a User will remain liable to pay Capacity Charges and Network Charges in respect of its Registered Capacity notwithstanding that the T&SCo is unable to take delivery of carbon dioxide at the quantity of its Registered Capacity at such delivery point by reason of a Capacity Constraint.</p> <p><i>Note: while T&SCo will continue to recover these charges, capacity constraints will affect its availability incentives under the TRI model.</i></p>

SECTION F: NETWORK DESIGN AND SPECIFICATION

No	Subject	Terms
1.	Introduction	<p>Introduction to specifications</p> <p>1.1 The provisions of this Section F shall apply in respect of the delivery of carbon dioxide to the T&S Network at Delivery Points.</p> <p>1.2 Users delivering carbon dioxide to any part of the T&S Network at a Delivery Point shall comply with the relevant requirements of this Section F.</p> <p>User Facilities</p> <p>1.3 For the purposes of this Section F a "User Facility" is a single facility or several facilities (where such facilities share a single Delivery Point) connected to the T&S Network at a Delivery Point.</p> <p>Existence of Connection Agreement</p> <p>1.4 A User may not deliver carbon dioxide into the T&S Network at any Delivery Point unless there is in force a Connection Agreement between the User and T&SCo which, among other things:</p> <ul style="list-style-type: none"> (a) identifies the User Facility; (b) identifies the Delivery Point; and (c) specifies the Entry Provisions applicable to that Delivery Point.
2.	Entry Provisions	<p>Content of Entry Provisions</p> <p>2.1 The Entry Provisions for each Delivery Point are:</p> <ul style="list-style-type: none"> (a) the Carbon Dioxide Specifications, as defined in paragraph 2.4; (b) the Measurement Requirements, as defined in paragraph 2.5; and (c) the Local Requirements, as defined in paragraph 2.9. <p>Carbon Dioxide Specifications</p> <p>2.2 The Carbon Dioxide Specifications shall at all times conform to the following key principles:</p> <ul style="list-style-type: none"> (a) the primary purpose of the Carbon Dioxide Specification is to ensure the safety, protection and operability of the T&S System;

No	Subject	Terms
		<p>(b) the Carbon Dioxide Specification shall achieve the following aims:</p> <ul style="list-style-type: none"> (i) protection of health and safety; (ii) corrosion management and avoidance; (iii) environmental protection; (iv) operational control assured by maintaining predictable flow conditions; (v) management of reservoir impacts. <p>2.3 In order to achieve the aims set out in paragraph 2.2(b) the Carbon Dioxide Specifications shall as a minimum meet the requirements set out in Annexure A.</p> <p>2.4 The Carbon Dioxide Specifications are specific to each individual T&S Network and are set out:</p> <ul style="list-style-type: none"> (a) in Annexure B for the <i>[Insert name]</i> T&S Network; and (b) in Annexure C for the <i>[Insert name]</i> T&S Network. <p>Measurement Requirements</p> <p>2.5 In this section, "Measurement Requirements" means the requirements for the Measurement Equipment, including both compositional analysis and flow rate measurement and parameters regarding accuracy/regularity of checks, control systems, operation data transmission and quality assurance.</p> <p>2.6 The Measurement Requirements shall at all times conform to the following principles:</p> <ul style="list-style-type: none"> (a) the Measurement Equipment must determine the quantity (measured in tCO₂) of all the carbon dioxide delivered by a User at a Delivery Point; (b) the impurities within the CO₂ stream shall be monitored to ensure that compliance with the Carbon Dioxide Specifications is maintained; (c) the pressure, temperature and water content should be measured continuously, together with other impurities where an exceedance may result in an imminent downstream impact. This may include oxygen NO_x, SO_x, H₂S, ammonia and, for dense and multi-phase applications, hydrogen and nitrogen; (d) other impurities should be measured regularly at a frequency to be agreed with the T&SCo, which may

No	Subject	Terms
		<p>be four times every hour, and could follow a risk assessment process;</p> <p>(e) the calibration range, accuracy and measurement uncertainty of the measuring equipment shall be appropriate to the permissible levels of impurity, and with sufficient capacity to provide information to enable subsequent investigation in the event of an exceedance;</p> <p>(f) the CO₂ content within the stream should be measured continuously and to an accuracy consistent with any fiscal requirements;</p> <p>(g) monitoring data should be available simultaneously to both the User and the T&SCo, and records retained for sufficient length of time to enable trends to be identified and for historical information to be interrogated in the event of an impact on the T&S Network infrastructure being identified.</p> <p>2.7 The Measurement Requirements which are specific to each individual T&S Network and are set out:</p> <p>(a) in Annexure D for the <i>[Insert name]</i> T&S Network; and</p> <p>(b) in Annexure E for the <i>[Insert name]</i> T&S Network.</p> <p>Note: <i>Further consideration to be given to whether a single form of Measurement Requirements could apply to all T&S Networks.</i></p> <p>Local Requirements</p> <p>2.8 In this section, "User Requirements" means the requirements in respect of the Measurement Equipment that arise from legal or contractual obligations of the User [including requirements under support contracts].</p> <p>2.9 The "Local Requirements" are additional requirements including User Requirements, that apply to a User's Delivery Point and/or the Measurement Equipment at the User's Delivery Point which shall be specified in a User's Connection Agreement, and may include:</p> <p>(a) any User-specific CO₂ Specification requirements; and</p> <p>(b) any User-specific measurement requirements.</p> <p>2.10 The T&SCos acknowledge that:</p> <p>(a) Users are required to comply with the User Requirements; and</p>

No	Subject	Terms
		<p>(b) the T&SCo shall adapt the Local Requirements in order to accommodate the User Requirements.</p> <p>Compliance with Regulatory Requirements</p> <p>2.11 The Users acknowledge that:</p> <p>(a) T&SCo is required to comply with the Regulatory Requirements in relation to the T&S Network; and</p> <p>(b) in developing the Entry Provisions, T&SCo has had regard to the Regulatory Requirements.</p> <p>2.12 Notwithstanding any other provision in this Section F, if any aspect of the Entry Provisions cause T&SCo to be in breach of the Regulatory Requirements, then:</p> <p>(a) T&SCo will give notice to each User specifying any changes required to the Entry Provisions to ensure that T&SCo is compliant with the Regulatory Requirements; and</p> <p>(b) each User must use best endeavours to comply with the notice received pursuant to paragraph 2.12(a) forthwith.</p>
3.	Compliance	<p>Compliance with Carbon Dioxide Specifications</p> <p>3.1 Where carbon dioxide which does not comply with the Entry Provisions is tendered for delivery to the T&S Network at a Delivery Point then T&SCo shall promptly inform the relevant User about the non-compliance, and T&SCo may, from time to time until such time as the relevant non-compliance is rectified, in its discretion either:</p> <p>(a) refuse to accept delivery or continued delivery of such carbon dioxide; or</p> <p>(b) accept such delivery or accept such delivery as to part only of what is tendered for delivery.</p> <p>3.2 T&SCo shall be entitled to take any steps available to it to limit the rate at which non-compliant carbon dioxide is delivered to the T&S Network or to secure that such carbon dioxide is not so delivered.</p>
4.	General Measurement Provisions	<p>Measurement Equipment</p> <p>4.1 In this section, "Measurement Equipment" means all equipment and installations, including metering, sampling and analysis equipment, inlet and outlet pipework, instruments and structures within which such equipment is housed used to:</p>

No	Subject	Terms
		<p>(a) determine mass flow of CO₂ for fiscal purposes; and/or</p> <p>(b) measure the critical components, gas quality and characteristics of carbon dioxide delivered at a Delivery Point as against the Carbon Dioxide Specifications for integrity purposes.</p> <p>Installation of Measurement Equipment</p> <p>4.2 A User may not deliver any carbon dioxide at a Delivery Point until and unless Measurement Equipment which complies with the requirements of this section has been installed by the User at the Delivery Point.</p> <p><i>Note: As part of the application process for a new connection the User will be required to provide assurance to T&SCo as to its capabilities/competence in relation to its responsibilities under this Section F.</i></p> <p>4.3 The User shall at its own cost install, commission, operate and maintain the Measurement Equipment in accordance with the requirements of this Section F.</p> <p>4.4 The User shall obtain T&SCo's prior approval in relation to the siting, specifications and installation of the Measurement Equipment and any such installation and commissioning shall, to the extent relevant, comply with the Measurement Requirements.</p> <p>Validation of Measurement Equipment</p> <p>4.5 The Measurement Equipment shall be validated by an independent third party verifier in accordance with, and for compliance with, the Measurement Requirements:</p> <p>(a) prior to any carbon dioxide being allowed to be delivered at a Delivery Point to flow in the T&S Network; and</p> <p>(b) at least annually thereafter.</p> <p>4.6 The identity and terms of reference of the independent third party verifier shall be agreed between the parties, provided that the independent third party verifier shall carry out the verification and the activities required by the parties with the aim of providing a verification report that concludes with reasonable assurance that the Measurement Equipment complies with the Measurement Requirements.</p> <p>4.7 The costs of the independent third party verifier shall be borne equally between each User and T&SCo.</p> <p>Measuring Carbon Dioxide Specifications</p>

No	Subject	Terms
		<p>4.8 The User shall at its own cost install, commission, operate and maintain Measurement Equipment to determine the characteristics defined in the Carbon Dioxide Specifications of any carbon dioxide that is delivered at a Delivery Point. Such Measurement Equipment shall comply with the Measurement Requirements and shall meet the following criteria:</p> <ul style="list-style-type: none"> (a) all measurement biases shall as far as is practicable be eliminated or compensated for; (b) the uncertainty of measurement shall be such that the risk is minimised to both the User and T&SCo that there may be carbon dioxide flowing of which either or both of them are unaware; (c) the sampling system used to obtain the composition sample of carbon dioxide for quality measurements shall ensure that the sample is representative of the carbon dioxide delivered at a Delivery Point and that no change to the carbon dioxide composition occurs between the sample point and the analytical instrument or that compensation or correction for any such change is fully accommodated within the Measurement Equipment; and (d) measurements and validation of equipment to make such measurement shall, where feasible, be traceable to national or international standards and be in accordance with the Measurement Requirements. <p>Measuring quantity of carbon dioxide</p> <p>4.9 The User shall at its own cost install, commission, operate and maintain flow Measurement Equipment to determine the quantity of CO₂ (measured in tCO₂) flowing into the T&S Network at a Delivery Point such that:</p> <ul style="list-style-type: none"> (a) all mass flows into the T&S Network shall comply with this paragraph; and (b) the measurement of quantity of mass shall be without bias and with an uncertainty of better than + [insert]% of reading over the specified flow range. <p>Operation of Measurement Equipment</p> <p>4.10 The operation and maintenance of Measurement Equipment shall include:</p> <ul style="list-style-type: none"> (a) all activities associated with meter-reading, including, reading, calibration, and filing of all data provided by the Measurement Equipment;

No	Subject	Terms
		<p>(b) provision of access to real time data to the T&SCo [in accordance with the Data Transfer Procedures].</p> <p>4.11 The User shall:</p> <p>(a) ensure that T&SCo is provided with sufficient operator permissions to enable it to exercise its rights as set out under this Code to reject or refuse the delivery of Carbon Dioxide at a User's Delivery Point; and</p> <p>(b) inform the T&SCo promptly and accurately regarding any changes to the Measurement Equipment.</p>
5.	Access to Measurement Equipment	<p>Access to inspect Measurement Equipment</p> <p>5.1 Where any part of the Measurement Equipment is located at a site owned or controlled by the User, the User shall, upon reasonable notice and subject to any site safety or other rules regarding access, grant the T&SCo and its agents, subcontractors and representatives access to such Measurement Equipment to inspect (any part of) such Measurement Equipment and obtain samples of the User's CO₂.</p> <p>5.2 If and to the extent that the User's site is not owned by the User, the User shall use its best endeavours to ensure that the relevant owner grants T&SCo a right of access in accordance with paragraph 5.1.</p> <p>5.3 If T&SCo has reasonable doubts as to the correct operation of (any part of) the Measurement Equipment, T&SCo shall be entitled at all reasonable hours, upon reasonable notice and in consultation with the User, to engage an independent third-party to inspect (any part of) the Measurement Equipment and the User shall be entitled to have its employees, agents or representatives present during any such inspection.</p> <p>5.4 The Parties shall accept the result of any inspection and the costs of the inspection shall be borne by T&SCo, unless the inspection demonstrates that (the relevant part of) the Measurement Equipment was not functioning in accordance with the Measurement Requirements or otherwise in accordance with this Section F, in which case the costs shall be borne by the User.</p> <p>5.5 If any Measurement Equipment is found to not comply with the requirements of this section, T&SCo can require the User to immediately cease delivery of carbon dioxide at the User's Delivery Point.</p> <p>5.6 The User shall, at its own cost and expense, repair or replace (any part of) the Measurement Equipment that is not functioning in accordance with the Measurement</p>

No	Subject	Terms
		<p>Requirements or otherwise in accordance with this Section F.</p> <p>5.7 If the inspection carried out pursuant to paragraph 5.3 demonstrates that (a part of) the Measurement Equipment was not functioning in accordance with the Measurement Requirements or otherwise in accordance with this Section F, T&SCo will establish the relevant quality or quantity of CO₂ during the relevant period on the basis of the results of the inspection. Recalculation will be performed by T&SCo with retroactive effect over the period that (the relevant part of) the Measurement Equipment was not functioning in accordance with the Measurement Requirements or otherwise in accordance with this Section F.</p> <p>5.8 If the inspection does not produce a practicable standard for establishing the relevant quality or quantity of CO₂ in the relevant period, the T&SCo is entitled to estimate the quality or quantity of CO₂ according to the best data available to T&SCo, including data provided by the User(if any).</p>

SECTION G: INDUSTRIAL PROCEDURES

No	Subject	Terms
1.	Key Principles	<p>Key Principles</p> <p>1.1 The Industrial Procedures shall at all times conform to the following key principles:</p> <ul style="list-style-type: none"> (a) the Industrial Procedures shall be designed to: <ul style="list-style-type: none"> (i) ensure safe conduct of all operations; (ii) protect of the environment; (iii) minimise disruption to the operation of the T&S Network; (iv) meet the needs of both T&SCo and Users; and (v) support the economic and efficient capture, transport and storage of CO₂; (b) the Industrial Procedures shall comply with applicable law and regulation; (c) the Industrial Procedures shall be: <ul style="list-style-type: none"> (i) transparent; and (ii) non-discriminatory; and (d) the Industrial Procedures shall be aligned with the aims of the CCUS Network Code and Government ambitions for CCUS in the UK.
2.	Compliance	<p>2.1 All Users and T&SCos are required to comply with the Industrial Procedures set out in or developed in accordance with the provisions of this section.</p>
3.	Preparation	<p>Core Industrial Procedures</p> <p>3.1 The Core Industrial Procedures are set out in Appendix [X] to this section.</p> <p>Supplementary Industrial Procedures</p> <p>3.2 Each T&SCo shall develop, finalise, maintain and from time to time review, Supplementary Industrial Procedures.</p> <p>3.3 As a minimum, each T&SCo is required to develop the following Supplementary Industrial Procedures:</p> <ul style="list-style-type: none"> (a) Note: <i>it is expected that T&SCos will develop a list of Supplementary Industrial Procedures which should be subject to a less onerous procedure than the Modification Procedure.</i>

No	Subject	Terms
		<p>3.4 At least [x] weeks before the first delivery of any CO₂ at a Delivery Point, the T&SCo shall deliver to:</p> <ul style="list-style-type: none"> (a) each User; and (b) the Authority, <p>the draft Supplementary Industrial Procedures required to be developed pursuant to paragraph 3.3 for review and comment in accordance with paragraphs 4.1 to 4.5.</p> <p>3.5 Paragraph 3.4 shall also apply to any new Supplementary Industrial Procedures which are subsequently developed by T&SCo, save that:</p> <ul style="list-style-type: none"> (a) the T&SCo shall also include the proposed implementation date; and (b) the relevant time to submit drafts of any such procedure will be [x] weeks before the proposed implementation date.
4.	Review Procedure	<p>4.1 As soon as reasonably practicable and in any event within [x] of receipt of any draft Supplementary Industrial Procedure, each User shall notify the T&SCo of any comments on the draft Supplementary Industrial Procedure.</p> <p>4.2 When providing comments to the T&SCo in accordance with paragraph 4.1, each User shall be required to provide the following:</p> <ul style="list-style-type: none"> (a) information about the User (company, registered office, etc.) and about at least one reference person (name, telephone number, fax number, e-mail address, etc.) who can be contacted with respect to the User comments; (b) the reasons why the User believes the User comments should be incorporated; and (c) any documentation (analyses, reports, etc.) to support the request. <p>4.3 In preparing the final version of any Supplementary Industrial Procedure the T&SCo shall:</p> <ul style="list-style-type: none"> (a) give reasonable consideration to any comments provided by a User pursuant to paragraph 4.1; and (b) where the T&SCo does not take on board or incorporate any comments provided by a User pursuant to paragraph 4.1, provide an explanation to the User of the reasons for this decision. <p>4.4 For the avoidance of doubt, it shall be reasonable for the T&SCo to not incorporate comments made by a User in</p>

No	Subject	Terms
		<p>relation to a draft Supplementary Industrial Procedure where such comments, if incorporated, would affect the safe operation of the T&S Network.</p> <p>4.5 Subject to paragraph 6.2, once all comments have been received and considered pursuant to the process set out in paragraph 4.3, the T&SCo shall deliver to:</p> <p>(a) each User; and</p> <p>(b) the Authority,</p> <p>the final version of the Supplementary Industrial Procedure, along with the proposed implementation date.</p>
5.	Revisions	<p>5.1 The T&SCo may review and/or revise the Supplementary Industrial Procedures:</p> <p>(a) when the T&SCo considers it is necessary to do so;</p> <p>(b) upon request by a User; or</p> <p>(c) in order to resolve a dispute under paragraph 7,</p> <p>provided that any such revision shall be subject to the procedure set out in paragraph 4, and subject always to paragraph 5.2.</p> <p>5.2 The T&SCo shall not be required to follow the procedure set out in paragraph 4 in relation to revisions to Supplementary Industrial Procedures in the following circumstances:</p> <p>(a) Note: <i>It is expected there will be a limited list of circumstances whereby the T&SCo will be excused from consulting on changes to Supplementary Industrial Procedures.</i></p> <p>5.3 Revisions to the Core Industrial Procedures shall be addressed via the Modification Procedure in Section B (<i>Governance</i>).</p>
6.	Disputes	<p>6.1 Where:</p> <p>(a) a User comment provided pursuant to paragraphs 4.1 and 4.2 of this section was not included by T&SCo in the final Supplementary Industrial Procedure; and</p> <p>(b) a majority of Users considers that such comment should have been incorporated by the T&SCo,</p> <p>then such matter may be referred by the User who made the original comment to dispute resolution in accordance with the provisions of paragraph 8 of Section B (<i>Governance</i>).</p>

CCS Network Code – Heads of Terms
Section G: industrial procedures

No	Subject	Terms
		6.2 Where any matter is referred to dispute resolution under paragraph 6.1, the T&SCo shall not implement the Supplementary Industrial Procedure until such dispute has been resolved in accordance with the provisions of paragraph 8 of Section B (<i>Governance</i>).

SECTION H: CHARGES, INVOICING AND PAYMENT

Various concepts set out in these indicative terms are likely to overlap with the provisions of the Licence and it may ultimately be the case that some of these indicative terms will instead be included in the Licence.

No	Subject	Terms
1.	Charges	<p>Payment of charges</p> <p>1.1 This Section H sets out the Charging Methodology deemed established by the T&SCos pursuant to the Licence for determining the Charges.</p> <p><i>Note: any changes to the Charging Methodology will need to be made in accordance with the Modification Rules in Section B.</i></p> <p><i>Note: the Charging Methodology set out here is a generic Charging Methodology that applies to all T&S Networks. Its application to specific T&S Networks (see comments below in relation to Onshore Transportation Systems) will need to be considered further.</i></p> <p>1.2 The User agrees to pay to T&SCo the Charges calculated in accordance with this Section H.</p> <p><i>Note: the approach to capacity and Charges relating to carbon dioxide flows required during Commissioning is still being considered.</i></p> <p>1.3 The Charges shall be calculated on the basis of:</p> <ul style="list-style-type: none"> (a) the Onshore Flow Charge, calculated using the rate determined in accordance with paragraph 2.1; (b) the Offshore Flow Charge, calculated using the rate determined in accordance with paragraph 2.2; (c) the Onshore Capacity Charge, calculated using the rate determined in accordance with paragraph 3.1; (d) the Offshore Capacity Charge, calculated using the rate determined in accordance with paragraph 3.2; (e) the Onshore Network Charge, calculated using the rate determined in accordance with paragraph 4.1; and (f) the Offshore Network Charge, calculated using the rate determined in accordance with paragraph 4.5. <p><i>Note: it is intended that there will be separate Charges for each T&S Network. Also, where a T&S Network includes more than one distinct Onshore Transportation System, separate Charges will apply to each such distinct Onshore Transportation System.</i></p> <p>Flow Charges</p>

No	Subject	Terms
		<p>1.4 A User shall pay to deliver carbon dioxide to the T&S Network each Day on the following basis:</p> <p>(a) an Onshore User shall pay:</p> <p>(i) the Onshore Flow Charge Rate multiplied by the User's Daily Quantity (the "Onshore Flow Charge"); and</p> <p>(ii) the Offshore Flow Charge Rate multiplied by the User's Daily Quantity (the "Offshore Flow Charge"); and</p> <p>(b) an Offshore User shall pay the Offshore Flow Charge Rate multiplied by the User's Daily Quantity (the "Offshore Flow Charge").</p> <p>Note: <i>it is acknowledged that whether a User is an "Onshore User" or an "Offshore User" (see definitions) will have implications for the Charges payable by that User. Therefore the boundary between the Onshore Transportation System and the Offshore Transportation and Storage System is an issue that is still being further considered.</i></p> <p>1.5 A User's "Daily Quantity" is the quantity of carbon dioxide that the User delivers at the Delivery Point expressed in tCO₂/Day, as measured in accordance with Section F (Network design and specification).</p> <p>Capacity Charges</p> <p>1.6 A User shall pay for its Registered Capacity on the following basis:</p> <p>(a) an Onshore User shall pay:</p> <p>(i) the Onshore Capacity Charge Rate multiplied by the User's Registered Capacity (the "Onshore Capacity Charge"); and</p> <p>(ii) the Offshore Capacity Charge Rate multiplied by the User's Registered Capacity (the "Offshore Capacity Charge"); and</p> <p>(b) an Offshore User shall pay the Offshore Capacity Charge Rate multiplied by the User's Registered Capacity (the "Offshore Capacity Charge").</p> <p>1.7 A User's "Registered Capacity" is as defined in Section E (Network use and capacity allocation).</p> <p>1.8 Unless otherwise provided in this Code or agreed, the Capacity Charges shall be payable by a User irrespective of whether the User utilises its Registered Capacity by delivering carbon dioxide at its Delivery Point.</p>

No	Subject	Terms
		<p>Note: send or pay principle applies to Capacity Charges but not Flow Charges.</p> <p>1.9 A new User connecting to the T&S Network shall not be liable to pay for its Registered Capacity until Commissioning has been completed in accordance with its Construction Agreement.</p> <p>Note: as noted above, details of the arrangements relating to flows of carbon dioxide during Commissioning are to be confirmed.</p> <p>Network Charges</p> <p>1.10 A User shall pay charges in respect of amounts of Allowed Revenue which will not be recovered under the Flow Charges or Capacity Charges but which are recoverable from Users on the following basis:</p> <p>(a) an Onshore User shall pay:</p> <p>(i) the Onshore Network Charge Rate multiplied by the User's Delivery Point Size ("Onshore Network Charge"); and</p> <p>(ii) the Offshore Network Charge Rate multiplied by the User's Delivery Point Size ("Offshore Network Charge"); and</p> <p>(b) an Offshore User shall pay the Offshore Network Charge Rate multiplied by the User's Delivery Point Size (the "Offshore Network Charge").</p> <p>1.11 A User's "Delivery Point Size" is the physical size of the Delivery Point connecting the User's Facility to the T&S Network, as set out in the Connection Agreement, expressed in tCO₂/hour.</p> <p>Charges relating to the Storage Complex</p> <p>1.12 For the avoidance of doubt, the Offshore Capacity Charge, the Offshore Flow Charge and the Offshore Network Charge cover any costs relating to the Storage Complex.</p>
2.	Charging Methodology – Flow Charges	<p>Onshore Flow Charge Rate</p> <p>2.1 The Onshore Flow Charge Rate for a Charging Year is calculated as follows:</p> $\frac{AOnFR_t}{TFOnFt}$ <p>where:</p> <p>(a) "AOnFR_t" is the "Allowed Onshore Flow Revenue" being the amount allowed for Variable Opex for the Onshore Transportation System within the</p>

No	Subject	Terms
		<p>determination of the Allowed Revenue under the Licence for the Charging Year; and</p> <p>Note: <i>these costs are intended to be those costs that reflect the operational costs imposed by a User in using the Onshore Transportation System to transport and store each unit of carbon dioxide.</i></p> <p>(b) "TFO_nF_t" is the total forecast flow of carbon dioxide to be delivered to and transported through the Onshore Transportation System in the Charging Year using the forecasts provided by Users in accordance with paragraph 5,</p> <p>expressed as £[x]/tCO₂.</p> <p>Offshore Flow Charge Rate</p> <p>2.2 The Offshore Flow Charge Rate for a Charging Year is calculated as follows:</p> $\frac{AO_{fFRt}}{TFO_{fFt}}$ <p>where:</p> <p>(a) "AO_{fFRt}" is the "Allowed Offshore Flow Revenue" being the amount allowed for Variable Opex for the Offshore Transportation and Storage System within the determination of the Allowed Revenue under the Licence for the Charging Year; and</p> <p>Note: <i>these costs are intended to be those costs that reflect the operational costs imposed by a User in using the Offshore Transportation and Storage System to transport and store each unit of carbon dioxide.</i></p> <p>(b) "TFO_{fFt}" is the total forecast flow of carbon dioxide to be delivered to and transported through the Offshore Transportation and Storage System in the Charging Year using the forecasts provided by Users in accordance with paragraph 5,</p> <p>expressed as £[x]/tCO₂.</p>
3.	Charging Methodology – Capacity Charges	<p>Onshore Capacity Charge Rate</p> <p>3.1 The Onshore Capacity Charge Rate for a Charging Year is calculated as follows:</p> $\frac{AO_{nCRt}}{MRCE_{Ont}}$ <p>where:</p> <p>(a) "AO_{nCRt}" is the "Allowed Onshore Capacity Revenue" being the amount allowed for Depreciation</p>

No	Subject	Terms
		<p>and WACC for the Onshore Transportation System within the determination of the Allowed Revenue under the Licence for the Charging Year; and</p> <p>Note: <i>these costs are intended to be those capital costs that reflect the costs imposed by a User in reserving capacity in the Onshore Transportation System.</i></p> <p>(b) "MRCEOn_t" is the capacity of the Most Restricted Communal Element of the T&S Network for the relevant Charging Year expressed as tCO₂/hour,</p> <p>expressed as £[x]/tCO₂/hour.</p> <p>Offshore Capacity Charge Rate</p> <p>3.2 The Offshore Capacity Charge Rate for a Charging Year is calculated as follows:</p> $\frac{AOfCR_t}{MRCEOf_t}$ <p>where:</p> <p>(a) "AOfCR_t" is the "Allowed Offshore Capacity Revenue" being the amount allowed for Depreciation and WACC for the Offshore Transportation and Storage System within the determination of the Allowed Revenue under the Licence for the Charging Year; and</p> <p>Note: <i>these costs are intended to be those capital costs that reflect the costs imposed by a User in reserving capacity in the Offshore Transportation and Storage System.</i></p> <p>(b) "MRCEOf_t" is the capacity of the Most Restricted Communal Element of the Offshore Transportation and Storage System for the relevant Charging Year expressed as tCO₂/hour,</p> <p>expressed as £[x]/tCO₂/hour.</p>
4.	Charging Methodology – Network Charges	<p>Note: <i>the Network Charge is proposed to collect the remainder of a User's share of Allowed Revenue provided such charge does not exceed the relevant caps.</i></p> <p>Calculation of Onshore Network Charge Rate</p> <p>4.1 The Onshore Network Charge Rate for a Charging Year is calculated as follows:</p> $OnPNCr_t + OnMNCr_t$ <p>where:</p>

No	Subject	Terms
		<p>(a) "OnPNCR_t" is the "Onshore Proportionate Network Charge Rate" for the Charging Year calculated in accordance with paragraph 4.2; and</p> <p>(b) "OnMNCR_t" is the "Onshore Mutualised Network Charge Rate" for the Charging Year calculated in accordance with paragraph 4.3.</p> <p>Calculation of Onshore Proportionate Network Charge Rate</p> <p>4.2 The Onshore Proportionate Network Charge Rate is calculated as follows:</p> $\frac{AOnNCR_t}{OnNDP}$ <p>where:</p> <p>(a) AOnNCR_t is the Allowed Onshore Network Charge Revenue for the Charging Year being:</p> <p><i>Allowed Onshore Revenue for the Charging Year – AOnFR_t – EAOnCR_t</i></p> <p>where:</p> <p>(i) the Allowed Onshore Revenue for the Charging Year is the amount of Allowed Revenue for the Onshore Transportation System affirmed by the Authority;</p> <p>Note: <i>the Allowed Revenue will be affirmed by the Authority in accordance with the T&SCo's licence and will include mutualisation from year t-2 for underutilisation and bad debt.</i></p> <p>(ii) "AOnFR_t" has the meaning given in paragraph 2.1(a);</p> <p>(iii) "EAOnCR_t" is the amount of Allowed Onshore Capacity Revenue expected to be recovered from Users on the basis of total Registered Capacity calculated as follows:</p> $OnCC_t \times TFO_nRC_t$ <p>where:</p> <p>(A) "OnCC_t" is the Onshore Capacity Charge Rate for the Charging Year calculated in accordance with paragraph 3.1; and</p> <p>(B) "TFO_nRC_t" is the total Registered Capacity in the Onshore Transportation System in the Charging Year; and</p>

No	Subject	Terms
		<p>Note: the difference in fees on the basis of actual Registered Capacity and the fees actually recovered will form part of the adjustments to determine the Allowed Revenue in Year $t+2$.</p> <p>Note: the Capacity Charges for Year t will be calculated on the basis of actual Registered Capacity. Because capacity will only be allocated during annual Capacity Application Windows, it will not need to be forecast for Year t.</p> <p>(b) "OnNDP" is the aggregate size of Delivery Points to the Onshore Transportation System that the Onshore Transportation System can accommodate, where the aggregate size of Delivery Points to the Onshore Transportation System that the Onshore Transportation System can accommodate is equal to MRCEOnt when there are no interruptible or flexible connection agreements,</p> <p>expressed as £[x]/tCO₂/hour.</p> <p>Calculation of Onshore Mutualised Network Charge Rate</p> <p>4.3 The Onshore Mutualised Network Charge Rate for a Charging Year is the lesser of the Onshore Network Charges Cap and the amount calculated as follows:</p> $\frac{UAOnNCR_t}{OnUDP_t}$ <p>where:</p> <p>(a) "UAOnNCR_t" is the Allowed Onshore Network Charge Revenue for the Charging Year which will not be recovered through the application of the Onshore Proportionate Network Charge Rate to be calculated as follows:</p> $AOnNCR_t - (OnPNCR_t \times OnUDP_t)$ <p>where:</p> <p>(i) "AOnNCR_t" is the Allowed Onshore Network Charge Revenue calculated in accordance with paragraph 4.2(a);</p> <p>(ii) "OnPNCR_t" is the Onshore Proportionate Network Charge Rate calculated in accordance with paragraph 4.2; and</p>

No	Subject	Terms
		<p>(iii) "OnUDP_t" is the aggregate size of User's Delivery Points to the Onshore Transportation System in the Charging Year,</p> <p>expressed as £[x]/tCO₂/hour.</p> <p>4.4 The Onshore Network Charges Cap is [<i>insert proposed rate</i>].</p> <p>Note: the total mutualisation cap will be based on the UK carbon price for each Charging Year. The source of the price, calculation process and split between onshore and offshore elements are to be developed.</p> <p>Calculation of Offshore Network Charge Rate</p> <p>4.5 The Offshore Network Charge Rate for a Charging Year is calculated as follows:</p> $OfPNCr_t + OfMNCr_t$ <p>where:</p> <p>(a) "OfPNCr_t" is the "Offshore Proportionate Network Charge Rate" for the Charging Year calculated in accordance with paragraph 4.6; and</p> <p>(b) "OfMNCr_t" is the "Offshore Mutualised Network Charge Rate" for the Charging Year calculated in accordance with paragraph 4.7.</p> <p>4.6 Calculation of Offshore Proportionate Network Charge Rate</p> $\frac{AOfNCR_t}{OfNDP}$ <p>where:</p> <p>(a) "AOfNCR_t" is the Allowed Offshore Network Charge Revenue for the Charging Year being:</p> $Allowed\ Offshore\ Revenue\ for\ the\ Charging\ Year - AOfFR_t - EAOFCr_t$ <p>where:</p> <p>(i) the Allowed Offshore Revenue for the Charging Year is the amount of Allowed Revenue for the Offshore Transportation and Storage System affirmed by the Authority;</p> <p>Note: the Allowed Revenue will be affirmed by the Authority in accordance with the T&SCo's licence and will include mutualisation from year t-2 for underutilisation and bad debt.</p>

No	Subject	Terms
		<p>(ii) "AOfFR_t" has the meaning given in paragraph 2.2(a);</p> <p>(iii) "EAOFCR_t" is the amount of Allowed Offshore Capacity Revenue expected to be recovered from Users on the basis of total forecast Registered Capacity calculated as follows:</p> $OfCC_t \times TFOfRC_t$ <p>where:</p> <p>(A) "OfCC_t" is the Offshore Capacity Charge Rate calculated in accordance with paragraph 3.2; and</p> <p>(B) "TFOfRC_t" is the total Registered Capacity in the Offshore Transportation and Storage System in the Charging Year; and</p> <p>Note: The difference in fees on the basis of actual Registered Capacity and the fees actually recovered will form part of the adjustments to determine the Allowed Revenue in Year t+2.</p> <p>(b) "OfNDP" is the aggregate size of Delivery Points to the Offshore Transportation and Storage System that the T&S Network could accommodate, where the aggregate size of Delivery Points to the Offshore Transportation and Storage System that the Offshore Transportation and Storage System can accommodate is equal to MRCEOft when there are no interruptible or flexible connection agreements,</p> <p>expressed as £[x]/tCO₂/hour.</p> <p>Calculation of Offshore Mutualised Network Charge Rate</p> <p>4.7 The Offshore Mutualised Network Charge Rate for a Charging Year is the lesser of the Offshore Network Charges CAP and the amount calculated as follows:</p> $\frac{UAOfNCR_t}{OfUDPt}$ <p>where:</p> <p>(a) "UAOfRR_t" is the Allowed Offshore Network Charges Revenue for the Charging Year which will not be recovered through the application of the Offshore Proportionate Network Charges Rate to be calculated as follows:</p>

No	Subject	Terms
		$AOfNCR_t - (OfPNCR_t \times OfUDP_t)$ <p>where:</p> <ul style="list-style-type: none"> (i) "AOfNCR_t" is the Allowed Offshore Network Charges Revenue calculated in accordance with 4.2(a); (ii) "OfPNCR_t" is the Offshore Proportionate Network Charges Rate calculated in accordance with paragraph 4.6; and (iii) "OfUDP_t" is the aggregate size of the User's Delivery Points to the Onshore Transportation System and the Offshore Transportation and Storage System in the Charging Year, <p>expressed as £[x]/tCO₂/hour.</p> <p>4.8 The Offshore Network Charges Cap is [<i>insert proposed rate</i>].</p> <p>Note: the total mutualisation cap will be based on the UK carbon price for each Charging Year. The source of the price, calculation process and split between onshore and offshore elements to be developed.</p>
5.	Charging Methodology: forecasting	<p>5.1 T&SCo will use forecasts provided by Users in relation to:</p> <ul style="list-style-type: none"> (a) the mass of carbon dioxide to be delivered to the T&S Network through the User's Delivery Point; and (b) the User's expected and/or booked Registered Capacity; <p>to calculate the Charges, in accordance with the Charging Methodology, for each Year (Year t).</p> <p>Note: it is intended that the administrative burden of providing information under different provisions of the Code is to be minimised to the extent possible, and is therefore still under review.</p> <p>5.2 By 1 October of Year t-1, T&SCo shall send the Forecasting Pro Forma to Users.</p> <p>5.3 Users shall:</p> <ul style="list-style-type: none"> (a) complete the Forecasting Pro Forma by providing the required information for Year t, Year t+1 and Year t+2; and (b) send the completed Forecasting Pro Forma to T&SCo by 31 October of Year t-1.

No	Subject	Terms
		<p>Notes:</p> <ul style="list-style-type: none"> forecasts for Years t+1 and t+2 will be used to provide Users with estimates of the rates to apply in those years. However, as there will be a single annual capacity booking available – the annual Capacity Application Window – a new set of charges rates based on actual Registered Capacity will be able to be calculated Year t+1 ahead of that Charging Year; it is assumed that T&SCo's obligations relating to sending information to the Authority and related matters will be dealt with in the licence conditions; and forecast requirements to be reconciled with other forecasting/information sharing-requirements as the Code develops to limit duplication/potential inconsistencies. <p>5.4 Users shall use reasonable endeavours to provide accurate forecasts when providing information to T&SCo under this paragraph 5 and all such forecasts must be provided on a bona fide basis.</p> <p>5.5 Users shall respond promptly to any queries from T&SCo regarding such forecasts.</p>
6.	Preparation and publication of Charges Statement	<p>6.1 For any Charging Year (Year t), T&SCo shall prepare a statement of the rates for each of the Charges that apply in Year t, as calculated in accordance with the Charging Methodology ("Charges Statement").</p> <p>6.2 The Charges Statement shall be prepared using a template approved by the Authority.</p> <p>6.3 The Charges payable by Users during each Charging Year shall be calculated by reference to the rates set out in the Charges Statement published by T&SCo in accordance with its Licence and this paragraph 6.</p> <p>Note: it is only the rates for calculating the Charges that will be publicly published. The Charges Statement will not include the actual Charges payable by individual Users.</p> <p>6.4 T&SCo shall prepare and publish the Charges Statement by 30 November of Year t-1.</p>
7.	Required Security	<p>7.1 The User must provide the Required Security by 31 January of each year and thereafter maintain the Required Security.</p> <p>Note: the obligation to maintain the security shall include the circumstances in which T&SCo has had recourse to the existing security (i.e. the User is required to replace the security in such circumstances).</p> <p>7.2 The "Required Security" shall be a:</p>

No	Subject	Terms
		<p>(a) Letter of Credit; or</p> <p>(b) Deposit Deed,</p> <p>which:</p> <p>(c) is for the value of the aggregate of the forecast two highest value Invoice Documents for the relevant Charging Year; and</p> <p>(d) provides for the rights of T&SCo required by paragraph 12.</p> <p>7.3 If at any time a User fails to comply with paragraph 7.1 T&SCo may issue a notice ("Security Default Notice") requiring the User to rectify such non-compliance within 5 Business Days.</p> <p>7.4 Where a User has not rectified its non-compliance within 5 Business Days of its receipt of a Security Default Notice T&SCo shall be entitled to reject or refuse to accept all or any of the following by the relevant User:</p> <p>(a) delivery of carbon dioxide at the User's Delivery Point; or</p> <p>(b) an application for Registered Capacity or increased Registered Capacity at any Delivery Point under Section E (<i>Network use and capacity</i>),</p> <p>with effect until such time as the relevant User has provided the Required Security.</p> <p>7.5 A User shall remain liable to pay any Capacity Charges and Network Charges during any period in which paragraph 7.4 applies.</p>
8.	Meter readings	<p>8.1 Within three (3) Business Days of the last Day of a Billing Period, T&SCo must:</p> <p>(a) provide the meter reading of the actual mass of carbon dioxide delivered by each User into the T&S Network during that Billing Period ("User's Meter Reading") to the Authority and the relevant User; and</p> <p>(b) submit the Invoice Documents to the User.</p> <p>Note: provision will be made for fixed decimalisation and rounding. This is subject to determining the levels of metering accuracy.</p> <p>Note: the obligations relating to the provision of meter readings will be reviewed once issues relating to metering arrangements have been further considered and developed.</p>
9.	Invoicing	<p>9.1 For each Billing Period, T&SCo will submit an Invoice Document to the User separately identifying the:</p>

No	Subject	Terms
		<p>(a) Onshore Flow Charge (if applicable);</p> <p>(b) Onshore Capacity Charge (if applicable);</p> <p>(c) Onshore Network Charge (if applicable);</p> <p>(d) Offshore Flow Charge;</p> <p>(e) Offshore Capacity Charge;</p> <p>(f) Offshore Network Charge; and</p> <p>(g) any other charges or amounts that may become due and payable under the Code or any Ancillary Agreement.</p> <p>9.2 Each Invoice Document will specify:</p> <p>(a) the identity of the User;</p> <p>(b) the Billing Period to which the Invoice Document relates;</p> <p>(c) the Invoice Amount;</p> <p>(d) the unique number by which the Invoice Document may be identified; and</p> <p>(e) the amount of VAT (if any) payable.</p> <p>9.3 An Invoice Document may contain an adjustment by way of a credit in respect of:</p> <p>(a) an Invoice Amount in another Invoice Document; and</p> <p>(b) any other amount which is agreed or determined to be payable by a User to T&SCo or by T&SCo to a User under or in connection with this Code.</p> <p>9.4 Invoice Documents will be submitted to Users by [<i>details of invoicing platform to be inserted</i>].</p> <p>Note: <i>platform for submission of invoices to be confirmed.</i></p> <p>9.5 All amounts expressed as payable pursuant to the Code shall be exclusive of VAT (unless expressly stated otherwise).</p>
10.	Invoice payment	<p>10.1 The Invoice Amount under the Invoice Document shall be paid (by the User to T&SCo or by T&SCo to the User) on or before the Invoice Due Date.</p> <p>10.2 The Invoice Due Date shall be the date falling [twenty (20)] Business Days after the date of receipt of the relevant Invoice Document.</p>

No	Subject	Terms
		<p>Note: the time period for payment of the invoice once it is received by the User is under review.</p> <p>10.3 Amounts payable under the Code shall be paid:</p> <ul style="list-style-type: none"> (a) free and clear of any restriction, reservation or condition; and (b) except to the extent (if any) required by law, without deduction or withholding in respect of tax or on account of any amount due or to become due to the paying party, whether by way of set off counterclaim or otherwise.
11.	Invoice Disputes	<p>Note: provisions relating to invoice queries and disputes are to be developed.</p>
12.	Late payment	<p>12.1 Where any amount payable under an Invoice Document is not paid on or before the [5th] Business Day after the Invoice Due Date, T&SCo shall be entitled to issue a notice of demand for payment of the outstanding amount ("Late Payment Notice").</p> <p>12.2 Where a party has not made payment of an amount the subject of a Late Payment Notice within five (5) Business Days of such Late Payment Notice:</p> <ul style="list-style-type: none"> (a) without prejudice to any other rights of T&SCo under the Code, T&SCo shall be entitled to reject or refuse to accept all or any of the following by the relevant User: <ul style="list-style-type: none"> (i) delivery of carbon dioxide at the User's Delivery Point; or (ii) an application for Registered Capacity or increased Registered Capacity at any Delivery Point under Section E (<i>Network use and capacity</i>), <p>with effect from the day after the due date for payment until such time as the relevant User has paid the amount due for payment in full; and</p> (b) T&SCo shall be entitled to have recourse to the Required Security. <p>Note: it is expected that the Licence will require a T&SCo to access the late paying User's collateral before accessing the bad debt allowance.</p> <p>12.3 A User shall remain liable to pay Capacity Charges and Network Charges during any period in which paragraph 12.2 applies.</p> <p>12.4 Where any amount payable under an Invoice is not paid on or before the Invoice Due Date, the User shall pay interest, after as well as before judgment, at the Applicable Interest Rate,</p>

CCS Network Code – Heads of Terms
Section H: charges, invoicing and payment

No	Subject	Terms
		<p>on the unpaid amount from the Invoice Due Date until the Day on which payment is made.</p> <p>12.5 The "Applicable Interest Rate" is the rate of interest, expressed as a percentage rate per annum, payable in respect of amounts overdue for payment, or subject to repayment, under the Code.</p> <p>12.6 The Applicable Interest Rate shall be the rate of interest set for the relevant period as the statutory interest rate for the purposes of the Late Payment of Commercial Debts (Interest) Act 1998.</p>

SECTION I: GENERAL

No	Subject	Terms
1.	Information sharing	<p>1.1 Where any provision of the Code requires or entitles a T&SCo (or the T&SCos) to "publish" any information or document, the T&SCo will provide such information or document to each Party, any other person to whom the T&SCo may (pursuant to its Licence or any other Legal Requirement or any provision of the Code) be required to provide such information and (subject to any confidentiality restrictions under the Code) such other persons as the T&SCo shall think fit.</p>
2.	Categories of Data	<p>User-Specific Data</p> <p>2.1 In this Section, "User-Specific Data" means all data:</p> <p>(a) held by a T&SCo in relation to a specific User, including:</p> <ul style="list-style-type: none"> (i) User's Maximum Eligible Capacity; (ii) User's Registered Capacity; (iii) accepted and rejected Nominations; (iv) invoices; (v) metered quantities; (vi) outages affecting specific Users; (vii) information required to be provided by the User to a Support Contract counterparty (pursuant to its Support Contract) or any other body pursuant to legal requirements; and (viii) User's Measurement Equipment; (ix) User Type; and (x) User contact details. <p>(b) held by a User about User networks including:</p> <ul style="list-style-type: none"> (i) details of planned maintenance/outages in relation to User facilities; (ii) forecast flow data; (iii) actual flow data; (iv) nominations; (v) capacity bookings; and

No	Subject	Terms
		<p>(vi) any information which is required to be provided by T&SCo to the Authority (pursuant to its licence), the North Sea Transition Authority (pursuant to its licence/permit) or any other body pursuant to legal requirements.</p> <p>Measurement Data</p> <p>2.2 In this section, "Measurement Data" means all data generated by Measurement Equipment installed pursuant to paragraph 5 of Section F which is not User-Specific Data.</p> <p>CCS Network Data</p> <p>2.3 In this Section, "CCS Network Data" means all data related to the CCS Network which is not User Specific Data or Measurement Data.</p>
3.	Access to Data	<p>Data Transfer Procedures</p> <p>3.1 Each T&SCo shall establish, document, implement and maintain written procedures to address exchange of and access to User-Specific Data and Measurement Data between the T&SCo and Users ("Data Transfer Procedures").</p> <p>3.2 The Users and each T&SCo shall be required to comply with the Data Transfer Procedures.</p> <p>3.3 The Data Transfer Procedures shall, as a minimum cover the following in relation to different User-Specific Data and Measurement Data:</p> <ul style="list-style-type: none"> (a) methods of data acquisition (e.g. SCADA, email accounts, web-based platforms etc); (b) template format for data provision and reporting; (c) minimum data transfer intervals; (d) level of granularity within datasets; (e) naming protocols for specific datasets; (f) means of transfer (e.g. email, telemetry etc) <p>3.4 The Data Transfer Procedures shall comply with the requirements for format, naming, and minimum transfer intervals in relation to the User-Specific Data and the Measurement Data set out in Annexure A.</p> <p>Note: <i>These provisions are intended to provide flexibility for individual T&SCos to formulate their own detailed data acquisition and storage procedures but to provide a level of uniformity across the Network in</i></p>

No	Subject	Terms
		<p><i>relation to certain data sets which will need to meet the requirements of a number of different stakeholders.</i></p> <p>3.5 Any revisions or amendments to the Data Transfer Procedures will be implemented by T&SCo upon reasonable notice to enable each User to adjust its systems (if required).</p> <p>CCS Network Data</p> <p>3.6 Each T&SCo shall procure that amongst others, the following CCS Network Data is accessible to Users at all times via the Network Capacity Portal, subject to operational availability, and in case of its unavailability the T&SCo shall endeavour to provide this information by other means available to the T&SCo:</p> <ul style="list-style-type: none"> (a) existing connections and new connections applications; (b) Network Capacity available (in accordance with the requirements of paragraph 3.2 of Section E (<i>network use and capacity</i>)); (c) annual Maintenance Programme; (d) information on Capacity Constraints (in accordance with the requirements of paragraph 12.1(a) of Section E (<i>network use and capacity</i>)); (e) network expansion and development information; (f) process and timelines for capacity releases; (g) aggregate Registered Capacity of all Users; (h) daily aggregate physical flow (gross); (i) aggregate metered quantities of all Users per calendar month; (j) Charges; (k) certain historic data in respect of the above. <p>3.7 The publication of CCS Network Data in accordance with paragraph 3.6 shall comply with the formatting and frequency requirements set out in Annexure B.</p>
4.	Storage of Data	<p>4.1 Each T&SCo shall keep records of all relevant data and information, including information as listed in Annexure C, for at least ten (10) years.</p>
5.	Data ownership	<p>5.1 Subject to paragraph 5.2(a), all data which is processed by a T&SCo shall belong for the purposes of the Code to the T&SCo which owns or operates the T&S Network (or part of the T&S Network) to which such data relates;</p>

No	Subject	Terms
		<p>and subject to paragraph 5.3 T&SCo may, but without prejudice to paragraph 7 or any other requirement of the Code, use and deal with such data as it thinks fit.</p> <p>5.2 Where pursuant to the Code a User provides or arranges for the provision of data to a T&SCo:</p> <p>(a) such data (as provided to T&SCo by the User) shall belong to the User;</p> <p>5.3 the User hereby grants to T&SCo (its successors, assigns, agents and contractors) a perpetual, non-exclusive, royalty-free licence (which shall survive the User Discontinuance Date) in respect of such data and all intellectual rights therein to use, copy, adapt and deal with such data for the purposes of performance and implementation of the Code and for other purposes contemplated by the Code, but not otherwise.</p>
6.	Liability	<p>6.1 Save as expressly provided elsewhere in the Code, no Party shall have any liability to any other Party in the event that any data or information exchanged or provided pursuant to this Code is found to be inaccurate, in the absence of wilful misconduct by the Party providing such information or data.</p>
7.	Information and confidentiality	<p>T&SCo obligation</p> <p>7.1 T&SCo shall ensure that Protected Information is not:</p> <p>(a) disclosed to any person other than:</p> <p>(i) an officer or employee of T&SCo who is required to have access to the information to carry out their duties; or</p> <p>(ii) a professional adviser of or consultant to the T&SCo; or</p> <p>(iii) operators appointed by the T&SCo to operate the T&S network.</p> <p>(b) used by T&SCo for any purpose other than carrying its activities in relation to the T&S Network in accordance with the Code and the Licence.</p> <p>User obligation</p> <p>7.2 Each User shall ensure that Protected Information is not:</p> <p>(a) disclosed to any person other than:</p>

No	Subject	Terms
		<div data-bbox="794 253 1401 353">(i) an officer or employee of the User who is required to have access to the information to carry out their duties; or</div> <div data-bbox="794 376 1401 448">(ii) a professional adviser of or consultant to that User; or</div> <div data-bbox="699 470 1401 571">(b) used by such User for any purpose other than one expressly contemplated by the Code or any Ancillary Agreement to which such User is party.</div> <div data-bbox="708 593 1015 629">Protected Information</div> <div data-bbox="603 651 1278 687">7.3 In this section "Protected Information" means:</div> <div data-bbox="699 710 1401 784">(a) for the purposes of the T&SCo's obligations under paragraph 7.1:</div> <div data-bbox="794 806 1401 1041">(i) any information relating to the affairs of a User which is obtained by T&SCo pursuant to or in the course of the negotiation, implementation or performance of the Code, the Code Agreement or any Ancillary Agreement to which that User is party;</div> <div data-bbox="794 1064 1345 1099">(ii) the terms of any Ancillary Agreement;</div> <div data-bbox="699 1122 1401 1196">(b) for the purposes of a User's obligations under paragraph 7.2:</div> <div data-bbox="794 1218 1401 1478">(i) any information relating to the affairs of T&SCo or of another User which is obtained by the User pursuant to or in the course of the negotiation, implementation or performance of the Code, the Code Agreement or any Ancillary Agreement to which the User and (in relation to another User) that other User are party;</div> <div data-bbox="794 1500 1401 1574">(ii) the terms of any Ancillary Agreement to which that User is party.</div> <div data-bbox="708 1597 1118 1632">Terms of permitted disclosure</div> <div data-bbox="603 1655 1401 1890">7.4 Where Protected Information is disclosed by T&SCo as permitted under paragraph 7.1(a) or by a User as permitted under paragraph 7.2(a), the Disclosing Party shall (without prejudice to its obligations under paragraph 7.1 or 7.2) take all reasonable steps to secure that the person to whom the information is disclosed:</div> <div data-bbox="699 1912 1401 2013">(a) is aware of the Disclosing Party's obligations under paragraph 7.1 or 7.2 in relation thereto; and</div>

No	Subject	Terms
		<p>(b) does not use or disclose the information other than as is permitted for such Party in accordance with paragraph 7.1 or 7.2.</p> <p>Exceptions</p> <p>7.5 For the purposes of this section, "Disclosing Party" and "Protected Party" shall be construed as follows:</p> <p>(a) for the purposes of T&SCo's obligations under paragraph 7.1, the Disclosing Party is T&SCo and the Protected Party is the User to whose affairs any Protected Information relates;</p> <p>(b) for the purposes of a User's obligations under paragraph 7.2, the Disclosing Party is such User and the Protected Party is the Party (either T&SCo or another User) to whose affairs any Protected Information relates.</p> <p>7.6 Nothing in paragraph 7.1 or 7.2 shall apply:</p> <p>(a) to the disclosure or use by the Disclosing Party of Protected Information to which the Protected Party has consented in writing;</p> <p>(b) to any Protected Information which:</p> <p>(i) before it is obtained by the Disclosing Party is in the public domain; or</p> <p>(ii) after it is obtained by the Disclosing Party enters the public domain</p> <p>(iii) in either case otherwise than as a result of a breach by the Disclosing Party of its obligations under paragraph 7.1 or 7.2;</p> <p>(c) to the disclosure of any Protected Information to any person if and to the extent that the Disclosing Party is required to make such disclosure to such person:</p> <p>(i) in compliance with the duties of the Disclosing Party under the Act or any other requirement of a Competent Authority; or</p> <p>(ii) in compliance with the conditions of the Licence held by the Disclosing Party or any document referred to in such Licence with which the Disclosing Party is required by virtue of the Act or such licence to comply; or</p>

No	Subject	Terms
		<p>(iii) in compliance with any other Legal Requirement; or</p> <p>(iv) in response to a requirement of any stock exchange or regulatory authority or the Panel on Take-overs and Mergers; or</p> <p>(v) pursuant to any judicial or other arbitral process or tribunal having jurisdiction in relation to the Disclosing Party;</p> <p>(d) to the disclosure of Protected Information to any lending or other financial institution proposing to provide or arrange the provision of finance to the Disclosing Party, where and to the extent that the disclosure of such information is reasonably required for the purposes of the provision or arrangement of such finance, and provided that the person to whom the information is disclosed undertakes in writing to and in terms reasonably satisfactory to the Protected Party to maintain the confidentiality of such information;</p> <p>(e) to the disclosure of any Protected Information to the Regulator, where the Disclosing Party considers in good faith that the Protected Party may be in breach of a condition of the Licence, to the extent reasonably necessary to draw such possible breach to the attention of the Regulator;</p> <p>(f) to the disclosure of any Protected Information to any person proposing to make a connection to the T&S Network, where and to the extent that the disclosure of such information is reasonably required for the purposes of supporting T&SCo's charges or requirement to allow such proposed connection to the T&S Network to be made and provided that the person to whom the information is to be disclosed is informed in writing of the confidentiality of such information and that prior to disclosure, such person has entered into a confidentiality agreement with T&SCo which prohibits use or disclosure of such Protected Information in terms no less onerous than those contained in this section.</p> <p>Survival</p> <p>7.7 The provisions of paragraphs 7.1 to 7.6 shall continue, for a period of three (3) years after the User Discontinuance Date, to bind a Discontinuing User and (as respects the Discontinuing User) T&SCo and each other User, notwithstanding that the Discontinuing User has ceased to be a User and irrespective of the reason for such cessation.</p>

No	Subject	Terms
		<p>Licence</p> <p>7.8 Nothing in the Code, the Code Agreement or any Ancillary Agreement shall be construed as requiring T&SCo to disclose or use any information in breach of any requirement of T&SCo's Licence.</p>
8.	Specific disclosure requirements	<p>8.1 Without prejudice to the generality of paragraph 7, the parties acknowledge that:</p> <p>Note: <i>The code will include specific provisions dealing with disclosure of information to the NSTA, the LCCC, etc.</i></p>
9.	Notices and communications	<p>9.1 Except where the means by which a particular Communication is to be given is specified in the Code, such Communication shall be given by Conventional Notice.</p> <p>Note: <i>It is expected that different means may be required for particular technical notifications (eg capacity availability and capacity constraints)</i></p> <p>9.2 References in this paragraph to "a notice" are to any Communication or other notice to be given by one Party to another under the Code or an Ancillary Agreement, other than one which is given as a <i>[insert any special mode of communication for specific Communications (e.g. using an online portal system)]</i> or by telephone.</p> <p>9.3 Any notice shall be in writing and shall be addressed to the recipient Party at the recipient Party's address or e-mail address notified pursuant to paragraph 9.4 and marked for the attention of the representative identified in accordance with paragraph 9.4.</p> <p>9.4 The initial address, e-mail address and details of the representative for whose attention notices are to be marked shall be as specified in a Connection Agreement and any changes shall be communicated by each Party to the other Party before taking effect.</p> <p>Note: <i>the Code will include standard provisions relating to methods of delivery and when deemed receipt shall occur.</i></p> <p>Note: <i>any technical issues relating to Communications to be developed further with input from industry.</i></p>
10.	Liability between T&SCo and a User	<p>10.1 For the purposes of this paragraph 10, each of:</p> <p>(a) T&SCo; and</p> <p>(b) the User that is a counterparty to the T&SCo under a Connection Agreement,</p>

No	Subject	Terms
		<p>shall be a "Counterparty".</p> <p>Liability</p> <p>10.2 Subject to the remainder of this paragraph 10 and any other express provision to the contrary, no Party shall be liable to its Counterparty for any claims, losses, damages costs, expenses or liabilities arising from any default, negligence or breach of duty (whether statutory or otherwise) or the Party's performance of its obligations under this Code or an Ancillary Agreement, except for any such claims, losses, damages, costs, expenses or liabilities in respect of:</p> <p>(a) physical damage to the property of the Counterparty; and/or</p> <p>(b) the liability (in law) of the Counterparty to any third party.</p> <p>10.3 The amount or amounts for which a Party may be liable to a Counterparty pursuant to paragraph 10.2 in respect of any one event or circumstance shall not exceed:</p> <p>(a) in respect of the liability of the T&SCo to any one User or of any one User to T&SCo, £<i>[insert]</i>; or</p> <p>(b) in respect of the liability in aggregate of T&SCo to more than one User, £<i>[insert]</i>.</p> <p>Exclusions and exceptions</p> <p>10.4 No Party shall in any circumstances be liable in respect of any breach of the Code or any Ancillary Agreement to any Counterparty for:</p> <p>(a) any loss of profit, loss of revenue, loss of use, loss of contract, loss of goodwill, or increased cost of working; or</p> <p>(b) any indirect or consequential loss; or</p> <p>(c) except as provided in paragraphs 10.2(b) and 10.5, loss resulting from the liability of any Counterparty to any other person howsoever and whensoever arising.</p> <p>10.5 Nothing in this Code or any Ancillary Agreement excludes or limits the liability of any Party:</p> <p>(a) for death or personal injury resulting from the negligence of such Party; or</p> <p>(b) where such a limitation or exclusion would be contrary to applicable law.</p>

No	Subject	Terms
		<p>10.6 Paragraph 10.2 is without prejudice to any provision of the Code or any Ancillary Agreement which provides for a Party to make a payment to a Counterparty.</p> <p>10.7 Nothing in this Code or any Ancillary Agreement shall prevent any T&SCo or User from seeking injunctive relief, specific performance or other equitable relief.</p> <p>10.8 The rights and remedies of the Parties pursuant to the Code and any Ancillary Agreement exclude and are in place of any rights or remedies of any Party in tort (including negligence and nuisance) or misrepresentation in respect of the subject matter of the Code or such Ancillary Agreement and accordingly, but without prejudice to paragraphs 10.5, each Party (to the fullest extent permitted by law):</p> <p>(a) waives any rights or remedies; and</p> <p>(b) releases the Counterparty from any duties or liabilities arising in tort or misrepresentation in respect of the subject matter of the Code or such Ancillary Agreement.</p> <p>10.9 Without prejudice to paragraph 10.8, where any provision of the Code or any Ancillary Agreement provides for any amount to be payable by a Party upon or in respect of that Party's breach of any provision of the Code or any Ancillary Agreement, each Party agrees and acknowledges that the remedy conferred by such provision is exclusive of and is in substitution for any remedy in damages in respect of such breach or the event or circumstance giving rise thereto.</p> <p>10.10 Nothing in this paragraph 10 shall prevent any Party from or restrict it in enforcing any obligation owed to under or pursuant to the Code, the Code Agreement or any Ancillary Agreement.</p>
11.	Liabilities between Users, between T&SCos and cross-network liabilities	<p>11.1 Except as provided under paragraphs [x] [Note: <i>In the development of the Code it may be necessary to provide for certain rights and liabilities such as in Part B (Governance)</i>] nothing in the Code or any Ancillary Agreement creates contractual rights or liabilities:</p> <p>(a) between Users inter se;</p> <p>(b) between T&SCos inter se; or</p> <p>(c) between Users of a T&S Network and the T&SCo of another T&S Network.</p> <p>11.2 Each</p> <p>(a) T&SCo:</p>

No	Subject	Terms
		<p>(i) waives any rights or remedies against any:</p> <p>(A) other T&SCo; and</p> <p>(B) User other than the User which is its Connection Agreement counterparty; and</p> <p>(ii) releases:</p> <p>(A) each other T&SCo; and</p> <p>(B) each User other than the User which is its Connection Agreement counterparty; and</p> <p>(b) User:</p> <p>(i) waives any rights or remedies against any:</p> <p>(A) other User; and</p> <p>(B) T&SCo other than the T&SCo which is its Connection Agreement counterparty ; and</p> <p>(ii) releases:</p> <p>(A) each other User; and</p> <p>(B) T&SCo other than the T&SCo which is its Connection Agreement counterparty,</p> <p>from of any duties or liabilities arising in tort (including negligence and nuisance) or misrepresentation in respect of the subject matter of the Code or any Ancillary Agreement.</p>
12.	Default and remedy	<p>12.1 Where:</p> <p>(a) a User is in breach of the Code; and</p> <p>(b) such breach is not a Payment Default or Insolvency Default,</p> <p>T&SCo may give notice of such breach to the User ("Breach Notice").</p> <p>12.2 Within fourteen (14) Days of such notice the User must:</p> <p>(a) where the breach is reasonably capable of remedy within such period of fourteen (14) Days, remedy the breach in all material respects;</p>

No	Subject	Terms
		<p>(b) where the breach is capable of remedy but not reasonably within fourteen (14) Days, provide to T&SCo a remediation plan setting out the steps to be taken by the User and the timetable for taking such steps for the remedy of the breach as soon as is reasonably practicable;</p> <p>(c) where the breach is not capable of remedy, provide a remediation plan setting out:</p> <p>(i) the steps to be taken by the User and the timetable for taking such steps to mitigate the impact of the breach so far as is reasonably practicable; and</p> <p>(ii) the steps to be taken to prevent the recurrence or re-occurrence of the relevant breach so far as is reasonably practicable.</p> <p>12.3 For the purposes of paragraphs 12.1(a) the following breaches are excluded:</p> <p>(a) a breach which results from a breach by T&SCo of the Code or an Ancillary Agreement; or</p> <p>(b) a breach other than a wilful breach of a provision of the Code where the Code specifically provides some other remedy for such breach and such other remedy may reasonably be considered to be adequate in the circumstances.</p>
13.	General Default	<p>13.1 A 'General Default' occurs when a Breach Notice has been issued for a material breach and:</p> <p>(a) paragraph 12.2(a) applies and the breach remains unremedied in any material respect after the expiry of seven (7) Days after a further notice by T&SCo to the User to the effect that the User has not complied with paragraph 12.2(a); or</p> <p>(b) paragraph 12.2(b) applies and the User does not:</p> <p>(i) remedy the breach in all material respects with all reasonable diligence and so far as reasonably practicable in accordance with the remediation plan provided under 12.2(b) or a revised remediation plan pursuant to paragraph 13.1(b)(ii) below; or</p> <p>(ii) where notwithstanding the reasonable diligence of the User it is not reasonably practicable for the User to remedy the breach in accordance with that</p>

No	Subject	Terms
		<p>remediation plan, provide to T&SCo a revised remediation plan,</p> <p>and such failure remains unremedied in any material respect after the expiry of seven (7) Days after a further notice by T&SCo to the User to the effect that the User has not complied with this paragraph 13.1(b);</p> <p>(c) paragraph 12.2(c) applies and:</p> <p>(i) the User does not :</p> <p>(A) comply in all material respects with the remediation plan provided under 12.2(c) or a revised remediation plan pursuant to paragraph below; or</p> <p>(B) where notwithstanding the reasonable diligence of the User it is not reasonably practicable for the User to comply in all material respects with that remediation plan, provide to T&SCo a revised remediation plan,</p> <p>and such failure remains unremedied in any material respect after the expiry of seven (7) Days after a further notice by T&SCo to the User to the effect that the User has not complied with this paragraph 13.1(c); or</p> <p>(ii) at any time within the period of twelve (12) months following T&SCo's Breach Notice, there occurs a further material breach by the User of the same provision of the Code; and T&SCo has given a notice of such further breach to the User and a period of seven (7) Days has expired following such notice.</p>
14.	Insolvency Default	<p>14.1 An Insolvency Default occurs, save if and to the extent the provisions of section 233B of the Insolvency Act 1986 apply, when a User:</p> <p>(a) is unable to pay its debts (within the meaning of Section 123(l) or (2) of the Insolvency Act 1986, but subject to paragraph (x), or any voluntary arrangement is proposed in relation to it under Section I of that Act or it enters into any composition or scheme of arrangement (other than for the purpose of a bona fide solvent reconstruction or amalgamation); or</p>

No	Subject	Terms
		<p>(b) has a receiver (which expression shall include an administrative receiver within the meaning of Section 29 of the Insolvency Act 1986) of the whole or any material part of its assets or undertaking appointed; or</p> <p>(c) has an administration order under Section 8 of the Insolvency Act 1986 made in relation to it; or</p> <p>(d) passes any resolution for winding-up (other than for the purpose of a bona fide solvent reconstruction or amalgamation); or</p> <p>(e) becomes subject to an order by the High Court for winding-up; or</p> <p>(f) becomes subject to a bankruptcy order; or</p> <p>(g) becomes subject to an event made in a jurisdiction outside England and Wales, equivalent or analogous to any one or more of those events listed in paragraphs 14.1(a) to 14.1(f) above.</p> <p>14.2 For the purposes of paragraph 14.1(a), Section 123(1)(a) of the Insolvency Act 1986 shall have effect as if for '£750' there was substituted £10,000, and the User shall not be deemed to be unable to pay its debts for the purposes of that paragraph if any such demand as is mentioned in the said Section is being contested in good faith by the User with recourse to all appropriate measures and procedures.</p>
15.	Payment Default	<p>15.1 A Payment Default occurs where in relation to any amount (or amounts in aggregate) of not less than £[insert] which has become due for payment by the User under the Code:</p> <p>(a) the T&SCo has issued a notice of demand for payment of the outstanding amount (a "Late Payment Notice"); and</p> <p>(b) the User has not paid such amount in full by the [insert] Day after the date of the Late Payment Notice.</p>
16.	Right to suspend	<p>16.1 Without prejudice to any other rights of T&SCo under the Code, during any period in which a Breach Notice or Late Payment Notice has been issued and such breach of the Code or failure to pay is subsisting, or during any period while an Insolvency Default is subsisting, T&SCo shall be entitled to reject or refuse to accept all or any of the following by the relevant User:</p> <p>(a) delivery of carbon dioxide at the User's Delivery Point; or</p>

No	Subject	Terms
		<p>(b) an application for Registered Capacity or increased Registered Capacity at any Delivery Point under Section E (network use and capacity).</p> <p>16.2 A User shall remain liable to pay Capacity Charges and Network Charges during any period in which paragraph 16.2 applies.</p>
17.	Default Termination	<p>17.1 Upon the occurrence of a User Default, T&SCo may give notice ("Termination Notice") to the User to the effect that the User shall cease to be a User of or in relation to the T&S Network with effect from the date (which may be any date on or after the date on which the notice is given) specified in the notice.</p> <p>17.2 Where T&SCo gives a Termination Notice to a User, with effect from the date specified in the notice, the User will cease to be a User of the T&S Network and paragraph 19.2 shall apply.</p> <p>17.3 The giving of a Termination Notice and the application of paragraph 17.2 shall not affect the rights and obligations of T&SCo and the User under the Code or any Ancillary Agreement (including rights and obligations in respect of the User Default, and in respect of amounts including interest payable by either Party, and rights and obligations arising pursuant to any provision of the Code in respect of the User's ceasing to be a User) accrued up to the date referred to in paragraph 17.2, which shall continue to be enforceable notwithstanding that paragraph.</p>
18.	User discontinuation	<p>18.1 A User may by giving notice ("Discontinuance Notice") to T&SCo apply to cease to be a User of or in relation to the T&SCo Network:</p> <p>(a) where it no longer intends to hold Registered Capacity; or</p> <p>(b) while a Construction Longstop Default is subsisting in respect of a failure of T&SCo to complete the relevant T&SCo Works.</p> <p>18.2 A User may not cease to be a User under this paragraph 18 until such time as:</p> <p>(a) where paragraph 18.1(a) applies, the User's Registered Capacity has expired;</p> <p>(b) subject to paragraph 19.3(a), all amounts payable or (other than in respect of any recurrent charge becoming payable by reason only of the lapse of time after the date on which the last of the other requirements of this paragraph 18.2 is satisfied) which may become payable by the User to T&SCo</p>

No	Subject	Terms
		<p>pursuant to any provision of the Code or any Ancillary Agreement have been paid in full;</p> <p>(c) any requirements under any Ancillary Agreement in respect of termination have been complied with; and</p> <p>(d) any outstanding breach, being a breach capable of remedy and of which T&SCo has given notice to the User, by the User of any provision of the Code or any Ancillary Agreement shall have been remedied.</p> <p>18.3 Where a User has given notice under paragraph 18.1, the User and T&SCo shall remain bound by the Code and any Ancillary Agreement to which the User is party until the requirements of paragraph 18.2 are satisfied;</p> <p>18.4 Where a User has given notice under paragraph 18.1 after the satisfaction of the last of the requirements of paragraph 18.2 to be satisfied:</p> <p>(a) with effect from the 5th Business Day following such satisfaction, the User will cease to be a User;</p> <p>(b) without prejudice to paragraph 18.5, T&SCo will as soon as reasonably practicable (and where possible before such date) inform the User of the date on which it ceases to be a User under paragraph (a).</p> <p>18.5 Notwithstanding paragraph 18.3, T&SCo or (as the case may be) the User shall remain liable, subject to and in accordance with the Code, to the other and after the User Discontinuance Date:</p> <p>(a) for any amount which was or becomes payable under the Code or any Ancillary Agreement in respect of any period before the User Discontinuance Date; and</p> <p>(b) in respect of any outstanding breach of any provision of the Code or any Ancillary Agreement where such breach was not (for the purposes of paragraph 18.2(d)) capable of remedy or (notwithstanding that paragraph) was capable of remedy but was not remedied.</p>
19.	Discontinuing Users and termination	<p>19.1 A User may cease to be a User of or in relation to a T&S Network pursuant to paragraph 17 or 18 and for the purposes of the Code a "Discontinuing User" is a User who so ceases to be a User and the "User Discontinuance Date" is the date with effect from which (in accordance with paragraph 17 or 18) a Discontinuing User ceases to be a User.</p>

No	Subject	Terms
		<p>19.2 Upon a User's ceasing to be a User:</p> <ul style="list-style-type: none"> (a) subject to any provision of the Code expressed to survive termination and to paragraph 17.3, the Code Agreement shall cease to bind the Discontinuing User and (as respects the Discontinuing User) the T&SCo; (b) each Ancillary Agreement to which a Discontinuing User is party shall, unless otherwise provided in such Ancillary Agreement, terminate as respects that User (but without prejudice to the continuance of that Agreement as respects any other User(s) party thereto) with effect from the User Discontinuance Date. <p>19.3 A Discontinuing User's Registered Capacity shall not be reduced or cancelled (and the User will remain liable for payment of Capacity Charges in respect thereof but may elect to make prepayment thereof) other than:</p> <ul style="list-style-type: none"> (a) Long-term Registered Network Capacity after the date which is three years from the Discontinuance Date; (b) Registered Capacity from the Discontinuance Date, where a Discontinuance Notice has been issued under paragraph 18.1(b); or (c) by agreement with the T&SCo. <p>19.4 A Discontinuing User will remain liable for payment of Network Charges for the period in which it is liable for Capacity Charges in accordance with paragraph 19.3.</p> <p>19.5 Following the User Discontinuance Date, each party shall bear responsibility for:</p> <ul style="list-style-type: none"> (a) the safe decommissioning of the connection assets owned by that party; and (b) all decommissioning costs and liabilities (including any such liabilities arising under relevant legal requirements) associated with the decommissioning of such assets, <p>based on the boundaries of ownership set out in the Connection Agreement between the T&SCo and the Discontinuing User.</p>

No	Subject	Terms
20.	Governing law	20.1 The Code, the Code Agreement, every Accession Agreement and every Ancillary Agreement, and any dispute, controversy, proceedings or claim of whatever nature arising out of or in any way relating to the Code, the Code Agreement, any Accession Agreement or any Ancillary Agreement or their formation (including any non-contractual disputes or claims), shall be governed by and construed in accordance with English law.
21.	Jurisdiction	21.1 Subject to the provisions providing for mediation and expert determination in Section B (<i>Governance</i>), all the Parties irrevocably agree that the courts of England shall have exclusive jurisdiction to hear, settle and/or determine any dispute, controversy or claim (including any non-contractual dispute, controversy or claim) arising out of or in connection with the Code, the Code Agreement, any Accession Agreement or any Ancillary Agreement, including any question regarding its existence, validity, formation or termination. For these purposes, each Party irrevocably submits to the jurisdiction of the English courts.
22.	Third party rights	22.1 Unless expressly provided otherwise, no term of any Code Document is intended to be enforceable by third parties and the operation of the Contracts (Rights of Third Parties) Act 1999 is hereby excluded. Where an obligation is expressly stated to be enforceable by a third party, the consent of that third party will not be required to rescind or vary the relevant term.
23.	Severance	<p>23.1 If any provision of this Code, the Code Agreement, any of the Accession Agreements or any of the Ancillary Agreements (the "Code Documents") is or becomes (whether or not pursuant to any judgment or otherwise) invalid, illegal or unenforceable in any respect under the law of any jurisdiction:</p> <p>(a) the validity, legality and enforceability under the law of that jurisdiction of any other provision; and</p> <p>(b) the validity, legality and enforceability under the law of any other jurisdiction of that or any other provision,</p> <p>shall not be affected or impaired in any way thereby.</p> <p>23.2 If any provision of any Code Document shall be held to be void or declared illegal, invalid or unenforceable for any reason whatsoever, such provision shall be divisible from the Code Document and shall be deemed to be deleted from the Code Document and the validity, legality and enforceability of the remaining provisions shall not be affected.</p>

No	Subject	Terms
24.	Entire agreement	<p>24.1 Each of the Code Documents represents the entire understanding, and constitute the whole agreement of the Parties in relation to their subject matter and supersede any previous agreement between the Parties with respect thereto and, to the fullest extent practicable under the relevant law, and without prejudice to the generality of the foregoing, exclude any warranty, condition or other undertaking implied at law or by custom.</p>
25.	Waiver	<p>25.1 A waiver of any term, provision or condition of, or consent granted under, any Code Document shall be effective only if given in writing and signed by the waiving or consenting party and then only in the instance and for the purpose for which it is given.</p> <p>25.2 No failure or delay on the part of any party in exercising any right, power or privilege under any Code Document shall operate as a waiver thereof, nor shall any single or partial exercise of any such right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege.</p> <p>25.3 No breach of any provision of any Code Document shall be waived or discharged except with the express written consent of the parties.</p> <p>25.4 The rights and remedies herein provided are cumulative with and not exclusive of any rights or remedies provided by law.</p>
26.	Language	<p>26.1 Every communication or notice to be given by one Party to another under any Code Document shall be in the English language.</p>
27.	Assignment	<p>27.1 Neither Party shall assign its rights and obligations under this Code except in accordance with the provisions of clauses 27.2 and 27.3.</p> <p>27.2 The User shall only be entitled to assign its rights and obligations under Code to a third party where:</p> <ul style="list-style-type: none"> (a) the User assigns the ownership and operation of the User Facility to the third party; (b) the User has obtained the prior written consent of T&SCo, which shall not be unreasonably withheld; and (c) the third party becomes bound by the Code by entering into an Accession Agreement. <p>27.3 T&SCo shall only be entitled to assign its rights and obligations under this Code to a third party where:</p>

CCS Network Code – Heads of Terms
Section I: general

No	Subject	Terms
		<p>(a) T&SCo assigns the ownership and operation of the T&S Network to a third party holding a Licence; and</p> <p>(b) the third party becomes bound by the Code by entering into an Accession Agreement.</p>

ANNEXURE A – MINIMUM DOCUMENTATION REQUIREMENTS

Note: *It is expected that this Annexure will be populated with templates, naming protocols, transfer intervals and methods of acquisition for what are considered to be key datasets across the network, eg flow rates, nominations, compositional analysis etc.*

ANNEXURE B – INFORMATION PUBLICATION REQUIREMENTS

Note: *it is expected that this Annexure will contain minimum requirements for granularity and frequency of data release in relation to information to be published by T&SCos.*

ANNEXURE C – RETAINED DATA

Note: *It is expected that this Annexure will list the categories of data and information, which is required to be retained for at least ten (10) years.*

SECTION J: GLOSSARY

In this Code, the following words and expressions shall have the following meanings, unless the context otherwise requires:

Term	Meaning
Accession Agreement	means an agreement in the form set out in Exhibit A pursuant to a which a User accedes to the Code Agreement. Note: <i>this will be a short-form standard accession agreement.</i>
Act	Note: <i>this will refer to the legislation which provides for the grant of a licence to each T&SCo, authorising T&SCo to operate the T&S Network.</i>
Affected User	means a User likely to be affected by Programmed Maintenance or Reactive Maintenance.
Allowed Onshore Capacity Revenue	means the rate determined in accordance with paragraph 3.1 of Section H (<i>Charges, invoicing and payment</i>).
Allowed Offshore Capacity Revenue	means the rate determined in accordance with paragraph 3.1 of Section H (<i>Charges, invoicing and payment</i>).
Allowed Revenue	means the amount that T&SCo is entitled to recover in accordance with its Licence, as defined in the Licence.
Ancillary Agreements	means: <ul style="list-style-type: none"> • the Construction Agreement; and • the Connection Agreement. Note: <i>the range of Ancillary Agreements may be expanded to the extent that the process of developing the Code identifies the need for further agreements. However, the general intent is to minimise the number of separate documents/agreements required.</i>
Annual Maintenance Meeting	has the meaning given in paragraph 10.4 of Section E (<i>Network use and capacity</i>).
Annual Network Capacity	means Network Capacity allocated by T&SCo on an annual basis for a particular Charging Year.
Annual Nomination	has the meaning given in paragraph 5.8 of Section E (<i>Network use and capacity</i>).
Applicable Interest Rate	has the meaning given in paragraph 12.5 of Section H (<i>Charges, invoicing and payment</i>).
Appointment Period	has the meaning given in paragraph 1.31 of Section B (<i>Governance</i>).

Term	Meaning
Authority	means the economic regulator appointed under section [x] of the Act.
Billing Period	means a calendar month.
Breach Notice	has the meaning given in paragraph 12.1 of Section I (<i>General</i>).
Budget Forecast	means a budget forecast that meets the requirements of paragraph 1.20 of Section B (<i>Governance</i>)
Capacity Application Window	has the meaning given in paragraph 3.3 of Section E (<i>Network use and capacity</i>).
Capacity Charges	means the Onshore Capacity Charge and/or the Offshore Capacity Charge.
Capacity Constraint	has the meaning given to that term in paragraph 11.1 of Section E (<i>Network use and capacity</i>).
Carbon Dioxide Specifications	has the meaning given in paragraph 2.2 of Section F (<i>Network design and specification</i>).
CCS Network Code or Code	means this CCS Network Code, including all Uniform Provisions and Specific Provisions, as may be applicable.
CCS Network Data	has the meaning given in paragraph 2.3 of Section I (<i>General</i>).
Charges	means each of the charges listed in paragraph 1.3 of Section H (<i>Charges, invoicing and payment</i>).
Charges Statement	means the statement to be published in accordance with paragraph 6 of Section H (<i>Charges, invoicing and payment</i>).
Charging Methodology	means the methodology for determining the Charges in accordance with Section H (<i>Charges, invoicing and payment</i>).
Charging Year	means the period from 1 April in any year until and including 31 March in the following year.
Code Agreement	means the agreement which makes the Code binding on a T&S or a User (in the form set out as an exhibit to the Accession Agreement).
Code Document	has the meaning given in paragraph 23.1 of Section I (<i>General</i>).
Code Implementation Date	means the effective date of the Code Agreement (specified in the Code Agreement) when the CCS Network Code is given legal effect.
Communication	Note: to be developed – this will include different categories of communications under the Code, such as nominations, curtailment notices, etc.
Competent Authority	means the Authority, or any local, national or supra-national agency, authority, department, inspectorate, minister, official,

Term	Meaning
	court, tribunal or public or statutory person (whether autonomous or not) of the United Kingdom (or the government thereof) which has jurisdiction over the T&SCo or a User or the subject matter of the Code.
Connection Agreement	<p>means an agreement between a T&SCo and a User in the form set out in Exhibit C.</p> <p>Note: <i>in the interests of consistency it is expected that T&SCos and Users will enter into a Connection Agreement in a prescribed form, save that some provisions may need to differ based on the type of User.</i></p>
Construction Agreement	<p>means an agreement between a T&SCo and a User in the form set out in Exhibit B.</p> <p>Note: <i>in the interests of consistency it is expected that T&SCos and Users will enter into a Construction Agreement in a prescribed form, save that some provisions may need to differ based on the type of User.</i></p>
Construction Longstop Default	means a failure by T&SCo to complete the T&SCo Works or the User to complete the User Works by the applicable longstop date (as extended in accordance with the Construction Agreement) in accordance with paragraph [14] of the Construction Agreement.
Consultation	means the consultation process described in paragraph 2.12 and 2.14 of Section B (<i>governance</i>).
Conventional Notice	means a notice which complies with the general requirements of the notice provisions in the Code.
Core Industrial Procedures	<p>means:</p> <ul style="list-style-type: none"> (a) Emergency Procedure; (b) Maintenance Procedure (Planned and Unplanned); (c) Operational Safety Procedure; <p>Note: It is expected that T&SCos will add to this list other industrial procedures which should be developed prior to the Code Implementation Date and be set out in the Code on Day 1 and which will apply to all Users equally</p>
Counterparty	has the meaning given in paragraph 10.1 of Section I (<i>General</i>).
Credit Rating Agency	<p>means:</p> <ul style="list-style-type: none"> • Fitch Ratings, • Moody's Investment Service and Standard; and/or • Poor's Rating Group and any of their subsidiaries.

Term	Meaning
Daily Nomination	has the meaning given in paragraph 5.10 of Section E (<i>Network use and capacity</i>).
Daily Quantity	has the meaning given in paragraph 1.5 of Section H (<i>Charges, invoicing and payment</i>).
Day	means the period from 00:00 hours on one day until 11:59 on the following day.
Data Transfer Procedures	has the meaning given in paragraph 3.1 of Section I (<i>General</i>).
Delivery Point	means the point of connection between a User Facility and the T&S Network at which point a User will deliver carbon dioxide into the T&S Network.
Delivery Point Size	means the size of the Delivery Point to which the User Facility is connected, as set out in the Connection Agreement, expressed in tCO ₂ /hour.
Deposit Deed	means an agreement that is Enforceable and in such form as provided to the User from time to time by T&SCo enabling the deposit of cash as security.
Depreciation	has the meaning given in the Licence.
Directive	means any present or future directive, request, requirement, instruction, code of practice, direction or rule of any Competent Authority (but only, if not having the force of law, if it is reasonable in all the circumstances for it to be treated as though it had legal force), and any modification, extension or replacement thereof.
Disclosing Party	has the meaning given in paragraph 7.5 of Section I (<i>General</i>).
Discontinuance Notice	has the meaning given in paragraph 18 of Section I (<i>General</i>).
Discontinuing User	has the meaning given in paragraph 19 of Section I (<i>General</i>).
Draft Statement of Expenses	has the meaning given in paragraph 1.23 of Section B (<i>Governance</i>).
Emergency	means a situation where T&SCo in its judgment considers that action must be taken without delay to: <ul style="list-style-type: none"> (a) avert or reduce danger to life or property; or (b) secure the safety of the T&S Network or a part of the T&S Network or the safe transportation of carbon dioxide by it or reducing the risk to it.
Enforceable	means T&SCo (acting reasonably) is satisfied that the instrument of security or surety is legally enforceable and in this respect, where surety is provided by a company registered outside of England and Wales, the country of residence of such company must have a sovereign credit rating of a Qualifying Company (where such ratings conflict, the lower of the ratings will be used)

Term	Meaning
	and the User shall at its own expense provides such legal opinion as the T&SCo may reasonably require.
Entry Provisions	has the meaning given in paragraph 2.1 of Section F (<i>Network design and specification</i>).
Expenses Dispute Notification	has the meaning given in paragraph 1.24 of Section B (<i>Governance</i>)
Expert Determination	means the process for determination of a dispute by Experts in accordance with paragraph 9 of Section B (<i>Governance</i>).
Fast Track Self-Governance Procedure	<p>means that a proposal, if implemented:</p> <ul style="list-style-type: none"> (a) would meet the Self-Governance Criteria; and (b) is properly a housekeeping modification required as a result of some error or factual change, including but not limited to: <ul style="list-style-type: none"> (i) updating names or addresses listed in the uniform network code; (ii) correcting minor typographical errors; (iii) correcting formatting and consistency errors, such as paragraph numbering; or <p>updating out of date references to other documents or paragraphs.</p>
Final Statement of Expenses	has the meaning given in paragraph 1.25 of Section B (<i>Governance</i>)
Flow Charges	means the Onshore Flow Charge and/or the Offshore Flow Charge.
Forecasting Pro-Forma	means the pro-forma document issued by T&SCo identifying the information to be provided by Users in accordance with paragraph 5.2 of Section H (<i>Charges, invoicing and payment</i>).
General Default	has the meaning given in paragraph 13.1 of Section I (<i>General</i>).
Industrial Procedures	<p>means:</p> <ul style="list-style-type: none"> (a) the Core Industrial Procedures; and (b) the Supplementary Industrial Procedures.
Initial Users	has the meaning given in paragraph 1.1(a) of Section C (<i>Connection</i>).
Insolvency Default	has the meaning given in paragraph 14.1 of Section I (<i>General</i>).
Invoice Amount	means the amount shown as payable by the User or T&SCo in respect of that item under the relevant Invoice Document.

Term	Meaning
Invoice Document	means an invoice document submitted by T&SCo to a User pursuant to this Section H (<i>Charges, invoicing and payment</i>).
Invoice Due Date	has the meaning given in paragraph 10.2 of Section H (<i>Charges, invoicing and payment</i>).
Late Payment Notice	has the meaning given in paragraph 12.1 of Section H (<i>Charges, invoicing and payment</i>).
Local Requirements	has the meaning given in paragraph 2.9 of Section F (<i>Network design and specification</i>).
Legal Requirement	means any Act of Parliament, regulation, licence or Directive of a Competent Authority.
Letter of Credit	means an unconditional irrevocable standby letter of credit in such form as reasonably provided to the User from time to time by T&SCo from such bank as T&SCo may approve, (provided that payment may be made at a United Kingdom branch of such issuing bank) with a long-term debt rating of not less than that of a Qualifying Company (where such ratings conflict, the lower of the ratings will be used).
Licence	means the licence granted to each T&SCo under section [x] of the Act.
Listed Expert	has the meaning given to that term in paragraph 9.2 of Section B (<i>Governance</i>).
Long-term Network Capacity	means Network Capacity allocated by T&SCo for a period exceeding one year.
Maintenance Programme	the programme of planned maintenance of the T&S Network, containing in relation to the relevant Planning Period the information specified in paragraph 10.2 of Section E (<i>Network use and capacity</i>).
Maximum Eligible Capacity	means the maximum Network Capacity that a User could apply for as specified in its Connection Agreement.
Measurement Data	has the meaning given to in 2.2 of Section I (<i>General</i>).
Measurement Equipment	has the meaning given in paragraph 4.1 of Section F (<i>Network design and specification</i>).
Measurement Requirements	has the meaning given in paragraph 2.5 of Section F (<i>Network design and specification</i>).
Member	means any individual for the time being appointed to the Modification Panel.
Minimum Eligible Capacity	means the minimum Network Capacity that a User could apply for as specified in its Connection Agreement.

Term	Meaning
Modification	means any modification of the CCS Network Code made pursuant to the Modification Rules.
Modification Panel	means the panel comprised in accordance with paragraph 1.2 of Section B (<i>Governance</i>) which is to perform the functions described in paragraph 1 of Section B (<i>Governance</i>).
Modification Procedures	means the provisions relating to Modifications and Modification Proposals set out in paragraphs 1 and 2 to 7 of Section B (<i>governance</i>) and, as the context may require, any of those provisions.
Modification Proposal	means a proposal for a Modification which meets the requirements of the Code.
Modification Report	means a draft, final or amended final report prepared in accordance with paragraphs 2.12 to 2.17 of Section B (<i>Governance</i>).
Modification Rules	means the rules set out in paragraphs 1 and 2 to 7 of Section B (<i>Governance</i>).
[Monthly Nomination]	[has the meaning given in paragraph 5.9 of Section E (<i>Network use and capacity</i>).]
Most Restricted Communal Element	has the meaning given by reference to the following concepts: <ul style="list-style-type: none"> (a) "Most Restricted", which means the part of the T&S Network (or part of the T&S Network) through which the lowest mass of carbon dioxide can instantaneously flow, determined by the lower of any physical or regulatory limits; and (b) "Communal Element", which refers to any part of the T&S Network (or part of the T&S Network) that all Users' carbon dioxide must flow through, excluding any contingent infrastructure.
Network Capacity	has the meaning given in paragraph 1.3 of Section E (<i>Network use and capacity</i>).
Network Charges	means the Onshore Network Charge and/or the Offshore Network Charge.
Network Expansion Works	means works for the expansion, reinforcement or extension of a T&S Network, including <ul style="list-style-type: none"> (a) works in relation to existing parts of a T&S Network; and (b) works required to connect a User or a prospective User to the T&S Network,

Term	Meaning
	(including taking any part of a T&S Network out of service, whether on a provisional or permanent basis) to enable such works to be carried out.
Nominated Quantity	has the meaning given in paragraph 5.3(d) of Section E (<i>Network use and capacity</i>).
Nomination	means a nomination by a User in respect of a quantity of carbon dioxide to be delivered to the T&S Network on a Day.
Nomination Close Time	means [x]. Note: <i>this will be developed as part of the further development of the nominations process.</i>
Obligated Network Capacity	has the meaning given in paragraph 1.5 of Section E (<i>Network use and capacity</i>).
Offshore Capacity Charge	has the meaning given in paragraph 1.6(a)(ii) of Section H (<i>Charges, invoicing and payment</i>).
Offshore Capacity Charge Rate	means the rate determined in accordance with paragraph 3.2 of Section H (<i>Charges, invoicing and payment</i>).
Offshore Flow Charge	has the meaning given in paragraph 1.4(a)(ii) of Section H (<i>Charges, invoicing and payment</i>).
Offshore Flow Charge Rate	means the rate determined in accordance with paragraph 2.2 of Section H (<i>Charges, invoicing and payment</i>).
Offshore Mutualised Network Charge Rate	means the rate determined in accordance with paragraph 4.7 of Section H (<i>Charges, invoicing and payment</i>).
Offshore Network Charge	has the meaning given in paragraph 1.10(a)(ii) of Section H (<i>Charges, invoicing and payment</i>).
Offshore Network Charge Cap	has the meaning given in paragraph 4.8 of Section H (<i>Charges, invoicing and payment</i>).
Offshore Network Charge Rate	means the rate determined in accordance with paragraph 4.5 of Section H (<i>Charges, invoicing and payment</i>).
Offshore Pipeline Infrastructure	means that part of the T&S Network which is offshore, including the pipelines and related infrastructure from the pig trap at the Onshore Transportation System to the pig trap at the inlet to the Storage Complex, but excluding the Storage Complex and including the Terminal.
Offshore Proportionate Network Charge Rate	means the rate determined in accordance with paragraph 4.6 of Section H (<i>Charges, invoicing and payment</i>).
Offshore Transportation and Storage System	means the Offshore Pipeline Infrastructure and any Storage Complex.

Term	Meaning
Offshore User	means a User with a Delivery Point which connects to the T&S Network at the Offshore Transportation and Storage System.
Onshore Capacity Charge	has the meaning given in paragraph 1.6(a)(i) of Section H (<i>Charges, invoicing and payment</i>).
Onshore Capacity Charge Rate	means the rate determined in accordance with paragraph 3.1 of Section H (<i>Charges, invoicing and payment</i>).
Onshore Flow Charge	has the meaning given in paragraph 1.4(a)(i) of Section H (<i>Charges, invoicing and payment</i>).
Onshore Flow Charge Rate	means the rate determined in accordance with paragraph 2.1 of Section H (<i>Charges, invoicing and payment</i>).
Onshore Mutualised Network Charge Rate	means the rate determined in accordance with paragraph 4.3 of Section H (<i>Charges, invoicing and payment</i>).
Onshore Network Charge	has the meaning given in paragraph 1.10(a)(i) of Section H (<i>Charges, invoicing and payment</i>).
Onshore Network Charges Cap	has the meaning given in paragraph 4.4 of Section H (<i>charges, invoicing and payment</i>).
Onshore Network Charge Rate	means the rate determined in accordance with paragraph 4.1 of Section H (<i>Charges, invoicing and payment</i>).
Onshore Proportionate Network Charge Rate	means the rate determined in accordance with paragraph 4.2 of Section H (<i>Charges, invoicing and payment</i>).
Onshore Transportation System	means that part of the T&S Network which is located onshore, including the pipelines and related infrastructure from the emitter(s) boundary fence to the pipeline entry pig trap at the entry to the Terminal, but excluding any part of the T&S Network which constitutes the Offshore Transportation and Storage System.
Onshore User	means a User with a Delivery Point which connects to the T&S Network at the Onshore Transportation System.
Panel Chairperson	means the chairperson of the Modification Panel, appointed under paragraph 1.3 of Section B (<i>Governance</i>).
Panel Majority	has the meaning given in paragraph 1.17 of Section B (<i>Governance</i>).
Payment Default	has the meaning given in paragraph 15 of Section I (<i>General</i>).
Planning Period	means a period of five (5) Charging Years commencing on 1 April.
Preference Notice	has the meaning given in paragraph 9.9 of Section B (<i>Governance</i>).

Term	Meaning
Preference Number	has the meaning given in paragraph 9.9 of Section B (<i>Governance</i>).
Programmed Maintenance	means maintenance performed in accordance with the prevailing Maintenance Programme.
Proposer	means the person that submitted a Modification Proposal.
Protected Information	has the meaning given in paragraph 7.3 of Section I (<i>General</i>).
Qualifying Company	means: <ul style="list-style-type: none"> • in the case of a company registered in England and Wales a public or private company within the meaning of section 1(3) of the Companies Act 1985 with a long-term debt rating of [at least A] provided by a Credit Rating Agency (where such ratings conflict, the lower of the ratings will be used); or • in the case of an entity registered outside of England and Wales, such equivalent entity to (i) above that is acceptable to the Transporter, acting reasonably.
Reactive Maintenance	means any maintenance which is not Programmed Maintenance but which T&SCo considers, acting as a Reasonable and Prudent Operator, needs to be scheduled before the next update to the Maintenance Programme to avoid an Emergency or Capacity Constraints of greater magnitude than the Capacity Constraints caused by the carrying out of the maintenance itself.
Reasonable and Prudent Operator	means a person seeking, in good faith, to perform its contractual obligations and, in so doing and in the general conduct of its undertaking, exercising that degree of skill, diligence, prudence and foresight which would reasonably and ordinarily be expected from a skilled and experienced operator complying with all applicable Legal Requirements engaged in the same type of undertaking in similar circumstances and conditions.
Registered Capacity	has the meaning given in paragraph 1.6 of Section E (<i>Network use and capacity</i>).
Registered Long-term Network Capacity	means Long-term Network Capacity that is registered as held by a User.
Regulatory Requirements	means various laws, regulations, permits and licences relating to the operation of the T&S Network, as well as orders and directions issued by relevant regulators under these instruments, including (but not limited to) the storage permit held by T&Sco.
Relevant Objectives	has the meaning given in the Licence.
Required Security	has the meaning given in paragraph 7.2 of Section H (<i>Charges, invoicing and payment</i>).

Term	Meaning
Resource Plan	means a plan satisfying the requirements of paragraph 1.19 of Section B (<i>Governance</i>)
Resource Plan and Budget Forecast	has the meaning given in paragraph 1.18 of Section B (<i>Governance</i>)
Secretary	means the individual appointed under paragraph 1.15 of Section B (<i>Governance</i>).
Secretary Expenditure	means the costs and expenditure incurred by the Secretary in the carrying out of the various tasks and duties assigned to it in section B (<i>Governance</i>).
Secretary Expenses Claim	has the meaning given in paragraph 1.22 of section B (<i>Governance</i>).
Secretary of State	means the Secretary of State for Business, Energy and Industrial Strategy.
Security Default Notice	has the meaning given in paragraph 7.3 of Section H (<i>Charges, invoicing and payment</i>).
Self-Governance Criteria	<p>means a proposal that, if implemented:</p> <ul style="list-style-type: none"> (a) is unlikely to have a material effect on: <ul style="list-style-type: none"> (i) competition in the transportation or storage of carbon dioxide conveyed through pipes or any commercial activities connected with the transportation or storage of carbon dioxide conveyed through pipes; and (ii) the operation of one or more pipe-line system(s); and (iii) matters relating to sustainable development, safety or security of supply, or the management of market or network emergencies; and (iv) the Code governance procedures or the Code Modification procedures; and (b) is unlikely to discriminate between different classes of parties to the Code.

Term	Meaning
Self-Governance Determination Date	means the date on which the Modification Panel makes a determination whether to implement or not to implement a Self-Governance Modification Proposal.
Self-Governance Modification Proposal	means a Modification Proposal which: <ul style="list-style-type: none"> (a) the Modification Panel has determined satisfies the Self-Governance Criteria and in respect of which the Secretary has submitted to the Authority a Self-Governance Statement (which has not been rejected by the Authority by the Self-Governance Modification Proposal Determination Date); or (b) the Authority has determined satisfies the Self-Governance Criteria under paragraph 2.24 of Section B (<i>Governance</i>).
Self-Governance Statement	means a statement complying with the requirements of the Code which identifies the proposed Self-Governance Determination Date.
Specific Provisions	means the provisions of the Code which only apply to a particular T&S Network, or part of a T&S Network, as set out in the Annexures.
Standard Licence Conditions	means the standard licence conditions of the Licence.
Statement of Expenses	means the statement produced by the Secretary pursuant to paragraph 1.17 of Section B (<i>Governance</i>).
Storage Complex	has the meaning given to it in regulations in respect of the storage of carbon dioxide under the Energy Act 2008.
Supplementary Industrial Procedures	means any procedures other than Core Industrial Procedures developed in accordance with this section which address: <ul style="list-style-type: none"> (a) establishment of the T&S network; (b) routine operations; (c) emergencies; (d) safety of operations; (e) asset integrity; or (f) environment and operational efficiency of the T&S Network as a whole, and which apply to all Users.
T&SCo	means the holder of a Licence, who operates a T&S Network.

Term	Meaning
T&S Network	means a pipeline system for the transportation and storage of carbon dioxide, which may include the Onshore Transportation System and the Offshore Transportation and Storage System.
T&S Network Portal	<p>means a web portal established and maintained by T&SCo to publish and provide access to up to date information relating to matters such as (but not limited to) Network Capacity, Capacity Constraints and Maintenance Programmes.</p> <p>Note: <i>it is assumed that T&SCos will have the ability to maintain a portal which will facilitate various processes with Users such as capacity allocation.</i></p>
T&SCo Representative	means a representative of a T&SCo or T&SCos appointed to the Modification Panel.
Terminal	means the onshore terminal facility and all ancillaries between the pig trap at the Onshore Transportation System and the pipeline pig trap at the Onshore Pipeline Infrastructure, which is deemed to form part of the Offshore Transportation and Storage System and not form part of the Onshore Transportation System.
Termination Notice	has the meaning given in paragraph 17.1 of Section I (<i>General</i>).
Uniform Provisions	means all the provisions of the Code, other than the Specific Provisions, which apply to each T&S Network or part of a T&S Network, unless otherwise specified.
Urgent Modification	means a Modification made pursuant to an Urgent Modification Proposal.
Urgent Modification Proposal	means a Modification Proposal in respect of which it is to be submitted to the Authority that the Modification is required as a matter of urgency as described in Licence Condition [x].
User	means a person other than a T&SCo who is for the time being bound by the Code.
User Default	<p>means a:</p> <ul style="list-style-type: none"> • General Default; • Payment Default. • Insolvency Default; or • Construction Longstop Default.
User Discontinuance Date	means the date determined under paragraph 19.1 of Section I (<i>General</i>).
User Facility	means a single facility or several facilities (where such facilities share a single Delivery Point) operated by a User connected to the T&S Network at a Delivery Point.

Term	Meaning
User Representative	means a representative of a User or Users appointed to the Modification Panel.
User Requirements	has the meaning given in paragraph 2.8 of Section F (<i>Network design and specification</i>).
User-Specific Data	has the meaning given to in 2.1 of Section I (<i>General</i>).
User Type	means: [x] Note: to include list of types of users eg dispatchable power, industrial, hydrogen etc.
User's Meter Readings	has the meaning given in paragraph 8.1(a) of Section H (<i>Charges, invoicing and payment</i>).
Variable Opex	means that part of the Opex (as that term is defined in the Licence) which varies with each tonne of CO ₂ delivered into the T&S Network.
Voting Member	means a T&SCo Representative or User Representative appointed as a Voting Member.
WACC	has the meaning given in the Licence.
[Weekly Nomination]	[has the meaning given in paragraph 5.9 of Section E (Network use and capacity).]
Workgroup	means a group constituted of T&SCos and Users, which is convened for the general purposes of consideration and discussion of matters relating to the Code or a Modification Proposal in accordance with its Terms of Reference.
Workgroup Assessment	means an assessment of a Modification Proposal by a Workgroup in accordance with paragraph 2.9 to 2.10 of Section B (<i>Governance</i>).
Workgroup Report	means the report of a Workgroup in relation to a Modification Proposal referred to it by the Modification Panel prepared pursuant to paragraph 2.10 of Section B (<i>Governance</i>).

EXHIBIT A: ACCESSION AGREEMENT

The Code Agreement will be signed by the Original T&SCo and the Initial Users, to give legal effect to the Code from the Code Implementation Date. Any User or T&SCo that is required to become a Party to the CCS Network Code after the Code Agreement is signed (i.e. after the Code Implementation Date) will become Parties to the Code Agreement by signing an Accession Agreement.

No	Subject	Terms
1.	Parties	<p>1.1 The parties to the Accession Agreement shall be:</p> <p>(a) a T&SCo that is already a party to the Code Agreement; and</p> <p>(b) a New T&SCo or a New User (as those terms are defined in the Code Agreement).</p>
2.	Recitals	<p>2.1 The Code Agreement dated [<i>date to be inserted</i>], attached to this Agreement as an exhibit, gives legal effect to the CCS Network Code and makes the Parties legally bound by it.</p> <p>2.2 The [New User/New T&SCo] wishes to be admitted as a Party under the Code Agreement.</p>
3.	Interpretation	<p>3.1 Capitalised terms used in this Accession Agreement shall have the meaning given to them in the Code Agreement and the CCS Network Code.</p> <p>3.2 Paragraphs [20 to 26] of Section I (General) of the CCS Network Code apply to this Agreement as if they were set out in this Agreement.</p>
4.	Admission as a Party	<p>4.1 T&SCo admits the [New User/New T&SCo] as a Party under the Code Agreement.</p> <p>4.2 The [New User/New T&SCo] accepts its admission as a Party and undertakes to perform and to be bound by the Code Agreement as a Party from the date of this Agreement.</p> <p>4.3 This Agreement and the Code Agreement shall be read and construed as one document and references (in or pursuant to the Code Agreement) to the Code Agreement should be read and construed as references to the Code Agreement and this Agreement.</p> <p>4.4 [The Carbon Dioxide Specifications and Measurement Requirements that apply to the New T&SCo's T&S Network, and that will become new annexures to the CCS Network Code upon the New T&SCo becoming a Party to the CCS Network Code, are set out in in the Schedule to this Agreement.]</p> <p>Note: paragraph 4.4 provides for a mechanism for the T&S Network-specific Carbon Dioxide Specifications and Measurement Requirements to be included in the Code.</p>

[Schedule]

[New T&SCo's Carbon Dioxide Specifications and Measurement Requirements]

EXHIBIT TO ACCESSION AGREEMENT

CODE AGREEMENT

It is intended that the T&SCos and Users who first achieve a Financial Investment Decision will sign a Code Agreement to give legal effect to the CCS Network Code from the Code Implementation Date. Subsequent parties – new Users and new T&SCos – will become bound by the Code Agreement by signing an Accession Agreement.

No	Subject	Terms
1.	Parties	<p>1.1 The parties to the Code Agreement shall be:</p> <p>(a) T&SCo (referred to as the "Original T&SCo"); and</p> <p><i>Note: depending on timing and process, it may be that more than one T&SCo signs the Code Agreement on the Code Implementation Date.</i></p> <p>(b) the Initial Users.</p>
2.	Recitals	<p>2.1 The Original T&SCo holds a Licence.</p> <p>2.2 The Original T&SCo, with input from industry, prepared a document as the CCS Network Code which the Original T&SCo and all other T&SCos are required to do so pursuant to their Licence.</p> <p>2.3 The Original T&SCo is entering into this Code Agreement for the purpose of giving effect to and binding itself to the CCS Network Code.</p> <p>2.4 The Initial Users are the first Users to connect to a T&S Network and are entering into this Code Agreement for the purposes of binding themselves to the CCS Network Code.</p>
3.	Interpretation	<p>3.1 Capitalised terms used in the Code Agreement shall have the meaning given to them in the CCS Network Code and:</p> <p>(a) "Accession Requirements" means:</p> <p>(i) for New Users, the requirements to be complied with by a New User pursuant to the CCS Network Code before the New User may accede to this Agreement; and</p> <p>(ii) for New T&SCos, the requirement that the New T&SCo holds a Licence;</p> <p>(b) "CCS Network Code" means the CCS Network Code prepared by the Original T&SCo pursuant to its Licences, as modified;</p> <p>(c) "Code Implementation Date" means [<i>date to be inserted</i>].</p>

No	Subject	Terms
		<p>(d) "Effective Date" means:</p> <p>(iii) with respect to each of the Original T&SCo and Initial Users, the Code Implementation Date;</p> <p>(iv) with respect to any New User or New T&SCo who is admitted as an additional Party to this Agreement after the date of this Agreement, the date of the relevant Accession Agreement;</p> <p>(e) "New T&SCo" means a T&SCo who is admitted as an additional Party to this Agreement after the date of this Agreement;</p> <p>(f) "New User" means a User who is admitted as an additional Party to this Agreement after the date of this Agreement;</p> <p>(g) "Party" means:</p> <p>(i) the Original T&SCo;</p> <p>(ii) the Initial Users;</p> <p>(iii) each New T&SCo; and</p> <p>(iv) each New User.</p> <p>3.2 Paragraphs [20 to 26] of Section I (General) of the CCS Network Code apply to this Agreement as if they were set out in this Agreement.</p>
4.	CCS Network Code	<p>4.1 The CCS Network Code is hereby given effect and made binding upon each Party with effect from the Effective Date.</p> <p>4.2 With effect from the Effective Date each Party undertakes to each other Party to comply with and to perform its obligations in accordance with and subject to the CCS Network Code.</p>
5.	New T&SCo	<p>5.1 Where a New T&SCo has complied with all the relevant Accession Requirements, the New T&SCo shall become a Party to this Agreement by signing an Accession Agreement;</p> <p>5.2 Each Party that has already been admitted as a Party to the Code Agreement:</p> <p>(a) authorises a T&SCo (that is already a Party) nominated by the Authority to sign an Accession Agreement with a New T&SCo being admitted as a Party; and</p>

No	Subject	Terms
		<p>(b) [agrees that upon a New T&SCo signing an Accession Agreement, the Carbon Dioxide Specifications and Measurement Requirements that apply to that New T&SCo's T&S Network shall be added as new annexures to the CCS Network Code];</p> <p>5.3 A copy of each Accession Agreement shall be provided to the Authority within 28 days after the Accession Agreement is made.</p>
6.	New Users	<p>6.1 Where a New User is connecting to a T&S Network, the New User:</p> <p>(a) shall satisfy the T&SCo that owns and operates that T&S Network, or part of a T&S Network, that the New User is connecting to, that it has complied with all the relevant Accession Requirements; and</p> <p>(b) provided that T&SCo is already a Party, shall enter into an Accession Agreement with that T&SCo.</p> <p>6.2 Each Party that has already been admitted as a Party to the Code Agreement authorises the T&SCo referred to in paragraph 6.1 to sign an Accession Agreement with a New User being admitted as a Party.</p>
7.	Ceasing to be Party to this Agreement	<p>7.1 A Party that is a User will cease to be a Party where it is a Discontinuing User.</p> <p>7.2 A Party that is a T&SCo will cease to be a Party where it no longer holds a Licence.</p>

EXHIBIT B: CONSTRUCTION AGREEMENT

No	Subject	Terms
1.	Parties	<p>1.1 The parties to the Construction Agreement shall be:</p> <p>(a) "T&SCo" (being the identified party to the Agreement which in relation to each T&S Network or part of a T&S Network, shall be the entity that is the holder of a Licence authorising it to operate that T&S Network or part of a T&S Network); and</p> <p>(b) "User" (being the identified party to the Agreement which is the person other than T&SCo who is bound by the provisions of the CCS Network Code and delivers carbon dioxide into the T&S Network at a Delivery Point).</p>
2.	Scope	<p>2.1 The Construction Agreement relates to the carrying out of work required to be performed by T&SCo ("T&SCo Works") and the User ("User Works") to connect the User Facility to the T&S Network ("the Works").</p> <p>Note: <i>The scope of the works will be specifically described in Schedules 1 and 2 on an agreement by agreement basis. However, the User will be responsible for all works within the boundary of the User's Facility and the T&SCo will be responsible for all works to connect the T&S Network to the User's Facility at the boundary of the User's Facility.</i></p>
3.	Carrying out of Works	<p>3.1 T&SCo shall, acting as a Reasonable and Prudent Operator and subject to the terms and conditions of this Agreement, carry out the T&SCo Works in accordance with the Construction Programme.</p> <p>3.2 The User shall, acting as a Reasonable and Prudent Operator and subject to the terms and conditions of this Agreement, carry out the User Works in accordance with the Construction Programme.</p> <p>3.3 The User shall, in carrying out the User Works, comply with the User Work Obligations and any directions issued by T&SCo.</p> <p>Note: <i>In addition to setting out the agreed design details, which will be included in the schedules, there may be some standard safety/technical obligations (the User Work Obligations) included as schedules the Construction Agreement.</i></p>
4.	Design of the Works	<p>4.1 Without prejudice to the User's obligation to ensure that the Works comply with the requirements of this Construction Agreement, the User shall provide T&SCo with the opportunity to regularly review the User's designs for the User Works and comment where it considers that such design may prevent the User Works</p>

No	Subject	Terms
		from complying with the requirements of this Agreement or the Code.
5.	Consents for the Works	<p>5.1 Following the effective date of the Construction Agreement T&SCo shall use its best endeavours to obtain in relation to the T&SCo Works, and the User shall use its best endeavours to obtain in relation to the User Works, all outstanding Consents. Each shall give advice and assistance to the other to the extent reasonably required by the other in the furtherance of these obligations.</p> <p>Note: <i>It is expected that all substantive consents will be in place prior to commencement of the Construction Agreement.</i></p> <p>5.2 Each party shall provide copies of any relevant correspondence and keep the other party regularly updated in writing or by such other means as the parties may agree as to progress made from time to time in the obtaining of relevant Consents.</p>
6.	Liaison	<p>6.1 The parties shall continuously liaise throughout the Construction Programme and Commissioning Programme and each shall provide to the other all information relating to:</p> <p>(a) in the case of the User, the User Works; and</p> <p>(b) in the case of T&SCo, the T&SCo Works,</p> <p>as is reasonably necessary to assist the other in performance of that other's part of the Works, and shall use all reasonable endeavours to coordinate and integrate their respective part of the Works.</p> <p>6.2 There shall be on-site meetings between representatives of the parties at intervals to be agreed between the parties.</p> <p>6.3 Each party shall deliver to the other party a written report of progress during each calendar quarter within 7 days of the end of that quarter.</p> <p>Note: <i>A broader forum of T&SCo and Users involved in the commissioning of the T&S Network may be required.</i></p>
7.	Shared access	<p>7.1 During the Construction Programme and the Commissioning Programme, the User shall provide T&SCo with access to the site of the User Works, and T&SCo shall provide the User access to the site of the T&SCo Works (and each case that access rights shall be extended to that party's employees, agents, suppliers and contractors) but not so as to disrupt or delay the construction and completion of the other's Works on the said sites or the</p>

No	Subject	Terms
		<p>operation of the other's plant and apparatus located thereon.</p> <p>7.2 Any access under paragraph 7.1 shall be exercised only:</p> <ul style="list-style-type: none"> (a) where it is reasonably necessary for the purposes of carrying out of the Works; (b) with the prior approval of the other party (which should not be unreasonably withheld); (c) in accordance with any reasonable requirements (including safety procedures) of the owner of the site relating to such access.
8.	Construction Programme	<p>8.1 An agreed Construction Programme for the Works is included as a schedule to the Construction Agreement and amended in specified circumstances under the Construction Agreement.</p>
9.	Commissioning Programme	<p>9.1 Not later than [x] months prior to the Commissioning Programme Commencement Date, T&SCo shall provide the User with a draft Commissioning Programme for the Commissioning of the Works.</p> <p>9.2 The User shall, as quickly as practicable and in any event within [x] months of receipt thereof, determine whether or not to approve the proposed Commissioning Programme (which approval shall not be unreasonably withheld or delayed) and shall within such [x] month period either notify T&SCo of its approval or, in the event that the User reasonably withholds its approval, notify T&SCo of any changes or variations to the proposed Commissioning Programme recommended by the User. If the T&SCo does not accept such changes or variations submitted by the User any dispute shall be addressed in accordance with Section B (<i>governance</i>) of the CCS Network Code.</p> <p>Note: <i>Alternative arrangements may apply for Users involved in the commissioning of the T&S Network.</i></p>
10.	Commissioning	<p>10.1 Each party shall give written notice to the other declaring its readiness to commence the Commissioning Programme.</p> <p>10.2 The Commissioning Programme shall commence forthwith once both parties have given written notice to the other under paragraph 10.1. The Works shall be deemed to have been Commissioned on the date that T&SCo certifies in writing to that effect.</p>
11.	Delays	<p>11.1 If either party shall have reason to believe that it is being delayed or will be delayed in carrying out that party's Works for any reason (whether it is one entitling it to an adjustment to that date under paragraph 11.2 of this</p>

No	Subject	Terms
		<p>Construction Agreement or not) it shall forthwith notify the other party in writing of the circumstances giving rise to the delay and of the extent of the actual and/or anticipated delay.</p> <p>11.2 If prior to the Completion Date a party (in this paragraph 11.2 “the Affected Party”) shall be delayed in carrying out any of the Affected Party’s Works (including their commissioning) by reason of:</p> <p>(a) any act, default or omission on the part of the other Party (in this Clause the “Defaulting Party”) or the Defaulting Party’s employees, agents, contractors or sub-contractors; or</p> <p>(b) an event of Force Majeure,</p> <p>the Affected Party shall be entitled to have such later date or dates fixed as the Commissioning Programme Commencement Date and/or the Completion Date and/or the Longstop Date (as the case may be) as may be fair and reasonable in the circumstances provided that it shall have notified the other Party in writing of such event within 28 days of it becoming aware of the occurrence giving rise to the delay together with an estimate of the proposed delay which it will cause the Affected Party.</p> <p>Note: Under Construction Agreements with some initial Users, an extension to the T&SCo Works programme (which includes the broader T&S Network) may need to be administered consistently across all initial Construction Agreements.</p>
12.	Consequences of T&SCo delays	<p>Delayed commencement of commissioning</p> <p>12.1 In the event that the actual date of commencement of the Commissioning Programme is later than the Commissioning Programme Commencement Date the T&SCo (if and to the extent that it is responsible for delayed commissioning beyond the Commissioning Programme Commencement Date,) shall be liable to pay the User Liquidated Damages for each day that the actual date of commencement of the Commissioning Programme is later than the Commissioning Programme Commencement Date.</p> <p>12.2 Such Liquidated Damages shall cease to be payable in respect of any period after the date of actual commencement of the Commissioning Programme.</p> <p>Delayed completion of commissioning</p> <p>12.3 In the event that the actual date on which the T&SCo Works are Commissioned is later than the Completion Date the T&SCo (if and to the extent that it is responsible for delayed completion beyond the Completion Date) shall</p>

No	Subject	Terms
		<p>be liable to pay the User Liquidated Damages for each day that the actual date on which the T&SCo Works are Commissioned is later than the Completion Date.</p> <p>12.4 Such Liquidated Damages shall cease to be payable in respect of any period after completion of the T&SCo Works.</p> <p>Note: <i>it is expected that User Liquidated Damages will be set at £0 for Users for the first regulatory period. The level of User Liquidated Damages for subsequent regulatory periods will be determined by the CCS Network Code Modification Panel.</i></p>
13.	Consequences of User delays	<p>Delayed commencement of commissioning</p> <p>13.1 In the event that the actual date of commencement of the Commissioning Programme is later than the Commissioning Programme Commencement Date the User (if and to the extent that it is responsible for delayed commissioning beyond the Commissioning Programme Commencement Date,) shall be liable to pay the T&SCo Liquidated Damages for each day that the actual date of commencement of the Commissioning Programme is later than the Commissioning Programme Commencement Date.</p> <p>13.2 Such Liquidated Damages shall cease to be payable in respect of any period after the date of actual commencement of the Commissioning Programme.</p> <p>Delayed completion of commissioning</p> <p>13.3 In the event that the actual date on which the User Works are Commissioned is later than the Completion Date the User (if and to the extent that it is responsible for delayed completion beyond the Completion Date) shall be liable to pay the T&SCo Liquidated Damages for each day that the actual date on which the User Works are Commissioned is later than the Completion Date.</p> <p>13.4 Such Liquidated Damages shall cease to be payable in respect of any period after completion of the User Works.</p> <p>Note: <i>it is expected that T&SCo Liquidated Damages will be set at £0 for T&SCo for the first regulatory period. The level of T&SCo Liquidated Damages for subsequent regulatory periods will be determined by the CCS Network Code Modification Panel.</i></p>
14.	Programme	<p>14.1 If either party's Works are delayed, the Construction Programme shall be amended accordingly.</p>

No	Subject	Terms
15.	Longstop date	15.1 In the event that T&SCo or the User shall have failed, in circumstances not entitling it to the fixing of a new date pursuant to paragraph 11.2, to complete the T&S Works or User Works (as applicable) by the Longstop Date, then such failure shall constitute a Construction Longstop Default and Section I (<i>general</i>) shall apply.
16.	Approval for connection to become operational	Note: the Construction Agreement will provide for a timetable of actions for the parties in the lead up to the start of the Commissioning Programme, including the exchange of technical drawings, contact information and other matters provided for under the T&S Code.
17.	Becoming operational	17.1 T&SCo shall complete the connection at the Connection Site during the course of and in accordance with the Commissioning Programme and thereafter upon compliance by the User with the provisions of paragraph 16 and provided the T&SCo Works shall be Commissioned the T&SCo shall forthwith notify the User in writing that the connection shall become operational.
18.	Termination Events	18.1 This Construction Agreement the associated Connection Agreement and the Code Agreement (in respect of the User) shall be co-terminus.
19.	Definitions	<p>19.1 Capitalised terms used in the Construction Agreement have the meaning given to them in the Code and:</p> <ul style="list-style-type: none"> (a) "Commissioning Programme Commencement Date" means the date specified in the Construction Programme for the commencement of the Commissioning Programme or any substituted date fixed under the terms of this Construction Agreement. (b) "Completion Date" means [] or such other date as may be agreed in terms of this Construction Agreement for completion of the T&S Works/User Works. (c) "Consents" <ul style="list-style-type: none"> (i) all such planning and other statutory consents; and (ii) all wayleaves, easements, rights over or interests in land or any other consent; or (iii) permission of any kind as shall be necessary for the construction of the Works and for commencement and carrying on of any activity proposed to be undertaken at or from such Works when completed.

No	Subject	Terms
		<p>(d) "Construction Longstop Default" has the meaning given in paragraph 15</p> <p>(e) "Commissioning Programme" means the sequence of operations/tests necessary to connect the User Facility to the T&S Network for the purpose of making the User Works operable with the T&S Network.</p> <p>(f) "Construction Programme" means the agreed programme for the Works to be carried out by or on behalf of T&SCo and the User as set out in Schedule 3 to the Construction Agreement or as amended from time to time in accordance with the express terms of the Construction Agreement.</p> <p>(g) "Force Majeure" means [<i>definition to be developed</i>].</p> <p>(h) "Liquidated Damages" means the sums specified in or calculated pursuant to Schedule 5 to this Construction Agreement.</p> <p>(i) "Longstop Date" means [<i>Note: To be stated in the Construction Agreement</i>]</p> <p>(j) "Reasonable and Prudent Operator" means a person acting, in good faith, to perform its contractual obligations and, in so doing and in the general conduct of its undertaking, exercising that degree of skill, diligence, prudence and foresight which would reasonably and ordinarily be expected from a skilled and experienced operator engaged in the same type of undertaking under the same or similar circumstances.</p> <p>(k) "T&S Network" means a pipeline system for the transportation and storage of carbon dioxide, which may include onshore and offshore components.</p> <p>(l) "T&SCo Works" means those Works specified in the Construction Agreement for which T&SCo is responsible.</p> <p>(m) "User Works" means those Works specified in the Construction Agreement for which the User is responsible.</p>

Schedule 1 – T&SCo Works

Note: *details of the T&SCo Works, including design specifications to be included.*

Schedule 2 – User Works

Note: *details of the User Works, including design specifications to be included.*

Schedule 3 – Construction Programme

Note: *agreed Construction Programme to be inserted.*

Schedule 4 – User Works Obligations

Note: *any general technical/operational/safety requirements that will apply to all User Works to be inserted.*

Schedule 5 – Liquidated Damages

1.	User Liquidated Damages	£[x]
2.	T&SCo Liquidated Damages	£[x]

EXHIBIT C: CONNECTION AGREEMENT

It is intended that a T&SCo will enter into a Connection Agreement with each User in relation to the connection of the User Facility at the Delivery Point and the rights to deliver carbon dioxide at the Delivery Point.

In order to maintain the greatest extent of uniformity, it is intended that matters addressed in the Connection Agreement should be minimised and limited to those matters which relate specifically to the T&SCo and the User which could not be addressed in the main body of the Code.

It is contemplated that a separate Construction Agreement will govern the arrangements relating to the construction of the works required to connect the User Facility to the T&S Network.

Separate contractual arrangements may be required in the future for Users who deliver carbon dioxide to the Storage Complex by ship, depending on what arrangements are made for that carbon dioxide to be delivered to the Storage Complex.

No	Subject	Terms
1.	Parties	<p>1.1 The parties to the Connection Agreement shall be:</p> <p>(a) "T&SCo" (being the identified party to the Agreement which, in relation to each T&S Network or part of a T&S Network, shall be the entity that is the holder of a Licence authorising it to operate that T&S Network or part of a T&S Network); and</p> <p>(b) "User" (being the identified party to the Agreement which is the person other than T&SCo who is bound by the provisions of the CCS Network Code and delivers carbon dioxide into the T&S Network at a Delivery Point).</p> <p><i>Note: in the future it may become necessary to distinguish between different types of Users.</i></p>
2.	Recitals	<p>2.1 T&SCo and the User are parties to the Code Agreement (being an agreement by which the CCS Network Code is made contractually binding between CCS Network Code Parties).</p> <p>2.2 This Connection Agreement is entered into pursuant to the CCS Network Code and shall be read as being governed by it.</p>
3.	Scope	<p>3.1 The Connection Agreement relates to the connection of the User Facility to the T&S Network at the Delivery Point and the User's rights to deliver carbon dioxide at the Delivery Point.</p> <p>3.2 Details of the T&S Network, the User Facility, the Delivery Point, Delivery Point Size and whether the User is an Onshore User or an Offshore User are set out in Schedule 1.</p> <p>3.3 Except as expressly provided otherwise in this Agreement, each party will perform its duties under this</p>

No	Subject	Terms
		Agreement in accordance with the standard of a Reasonable and Prudent Operator.
4.	Commencement and Term	<p>4.1 The Connection Agreement commences on the Commencement Date specified in Schedule 1, which is the date when Commissioning has been completed in accordance with the Construction Agreement.</p> <p>4.2 This Connection Agreement shall continue to be in force until it is terminated in accordance with the Provisions of Section I (<i>General</i>) of the CCS Network Code.</p>
5.	Entry Provisions	<p>5.1 The Entry Provisions that apply to the User are specified in Schedule 2.</p> <p>5.2 The User recognises and acknowledges that the Entry Provisions are designed to protect the T&S Network and to ensure that T&SCo can safely transport and store carbon dioxide within the T&S Network in compliance with its Legal Requirements.</p>
6.	Installation of Measurement Equipment	<p>6.1 In accordance with the requirements of the Code, Measurement Equipment has been installed at the Delivery Point to measure and monitor the quantity and quality of the carbon dioxide being delivered by the User at the Delivery Point.</p> <p>6.2 The details and schematics of the Measurement Equipment that has been installed in accordance with the requirements of the Code (including the Entry Provisions) are set out in Schedule 3.</p> <p>6.3 Where Schedule 3 specifies that the User is responsible for the operation and maintenance of the Measurement Equipment, the User shall do so in accordance with all requirements of the Code (including but not limited to Section F (<i>Network design and specifications</i>)).</p>
7.	Provision of Security	<p>7.1 The User shall provide the Required Security in accordance with Section H of the Code, for an amount calculated by T&SCo in accordance with Section H of the Code.</p> <p>Note: user specific requirements for security that may be required in accordance with Section E or Section H could be included.</p>
8.	Capacity Allocation	<p>8.1 The User shall acquire Registered Capacity to use the T&S Network in accordance with Section E of the CCS Network Code.</p> <p>8.2 The Registered Capacity that the User acquires to deliver carbon dioxide at the Delivery Point may not:</p> <p>(a) be less than the Minimum Eligible Capacity; or</p>

No	Subject	Terms
		(b) exceed the Maximum Eligible Capacity.
9.	Charges	9.1 The User shall pay all Charges in accordance with the CCS Network Code.
10.	Variations	<p>10.1 T&SCo and the User shall effect any amendment required to be made to this Connection Agreement as a result of a modification to the CCS Network Code or the T&S Licence, or as a result of an order or direction made in accordance with the Regulatory Requirements.</p> <p>10.2 The User authorises and instructs T&SCo to make any such amendment on its behalf and undertakes not to withdraw, qualify or revoke such authority or instruction at any time.</p>
11.	General provisions	<p>11.1 Paragraphs [20 to 26] of Section I (<i>General</i>) of the CCS Network Code apply to this Connection Agreement as if they were set out in this Connection Agreement.</p> <p>Note: <i>this refers to the general boilerplate provisions in Section I of the CCS Network Code.</i></p>
12.	Assignment	<p>12.1 Neither party shall assign its rights and obligations under this Connection Agreement except in accordance with the provisions of clauses 12.2 and 12.3.</p> <p>12.2 The User shall only be entitled to assign its rights and obligations under this Agreement to a third party where:</p> <ul style="list-style-type: none"> (a) the User also assigns the ownership and operation of the User Facility to the third party; (b) the User has obtained the prior written consent of T&SCo, which shall not be unreasonably withheld; and (c) the third party becomes bound by the Code and this Agreement. <p>12.3 T&SCo shall only be entitled to assign its rights and obligations under this Agreement to a third party where:</p> <ul style="list-style-type: none"> (a) T&SCo also assigns the ownership and operation of that part of the T&S Network that includes the Delivery Point to a third party holding a Licence; and (b) the third party becomes bound by the Code and this Agreement.

No	Subject	Terms
13.	Definitions	<p>13.1 Capitalised terms used in the Connection Agreement have the meaning given to them in CCS Network Code and:</p> <ul style="list-style-type: none"> (a) Carbon Dioxide Specifications means the Carbon Dioxide Specifications which are stated to apply to the User's Delivery Point in Schedule 2. (b) Delivery Point means the point of connection between a User's Facility and the T&S Network at which point a User will deliver carbon dioxide into the T&S Network, as described in Schedule 1. (c) Entry Provisions means the terms and conditions which specify the requirements in respect of the delivery of carbon dioxide to the T&S Network at the Delivery Point including the Carbon Dioxide Specifications, Measurement Requirements and Local Requirements. (d) Flow Rate means [the total instantaneous flow rate, in the form of carbon dioxide, expressed in tCO₂/hour] that is being delivered at the Delivery Point]. (e) Local Requirements means the technical requirements that apply to a User's Delivery Point or equipment, as specified in Schedule 2. (f) Measurement Requirements means those procedures, methods and standards in place in respect of the measurement and determination of the quantity and delivery characteristics of carbon dioxide delivered or tendered for delivery at the Delivery Point which are stated to apply to the User's Delivery Point in Schedule 2. (g) Maximum Eligible Capacity means the maximum Flow Rate on a tCO₂/hour basis, as set out in Schedule 1. (h) Minimum Eligible Capacity means the minimum Flow Rate on a tCO₂/hour basis, as set out in Schedule 1. (i) Reasonable and Prudent Operator means a person acting, in good faith, to perform its contractual obligations and, in so doing and in the general conduct of its undertaking, exercising that degree of skill, diligence, prudence and foresight which would reasonably and ordinarily be expected from a skilled and experienced operator engaged in the same type of undertaking under the same or similar circumstances.

No	Subject	Terms
		<p>(j) User Facility means the User's facility which is connected at the Delivery Point, as more particularly detailed in Schedule 1.</p> <p>(k) T&S Network means the T&S Network specified in Schedule 1.</p>

Schedule 1 – Details relating to the User's Connection Agreement

T&S Network	<i>[description to be inserted]</i>
User Facility	<i>[description to be inserted]</i>
Delivery Point	<i>[description to be inserted, as well as a schematic showing the location of the Delivery Point and the demarcation of the User Facility and the T&S Network]</i>
Delivery Point Size	<i>[the size of the Delivery Point to be inserted, expressed in tCO₂/hour]</i>
Type of User by reference to the location of the Delivery Point	<i>[Onshore User/Offshore User]</i>
Commencement Date	<i>[date to be inserted]</i>
Maximum Eligible Capacity	<i>[to be inserted]</i>
Minimum Eligible Capacity	<i>[to be inserted]</i>

Schedule 2 – Entry Provisions

Carbon Dioxide Specifications	<i>[which Carbon Dioxide Specifications set out in the Code apply to the User to be confirmed here]</i>
Measurement Requirements	<i>[which Measurement Requirements set out in the Code apply to the User to be confirmed here]</i>
Local Requirements	<i>[it is intended that here will be set out any additional technical requirements that may apply to the User' Delivery Point]</i>

Schedule 3 – Measurement Equipment

Details of the Measurement Equipment at the Delivery Point, including schematic with location of the Measurement Equipment	<i>[details to be inserted and schematic showing location to be attached to this schedule]</i>
Party responsible for the operation and maintenance of the Measurement Equipment	<i>[to specify which party is responsible for the Measurement Equipment, in accordance with the Code]</i>

ANNEXURE A: CARBON DIOXIDE SPECIFICATIONS - GENERAL

The carbon dioxide specifications shall as a minimum:

- (a) recognise that >95mol% CO₂ is the industry standard;
- (b) recognise that the combined non-condensable content of <4mol% is the industry standard with hydrogen and CO being minority contributors;
- (c) set the H₂O specification such that, and with sufficient margin, an aqueous phase is never present during any operational scenario, including transient operations;
- (d) ensure that impacts of all impurities in the CO₂-stream at all operational conditions are considered, when determining the maximum value of the saturation pressure. The MAOP shall be above the saturation pressure for that stream within the operating envelope;
- (e) consider the impact of lighter impurity components on refrigerated storage where the CO₂ stream itself is being used as the refrigerant;
- (f) take into consideration the impact of lighter components on the potential for running ductile fracture of pipelines carrying a CO₂ stream in dense phase;
- (g) ensure that the impact of the level of H₂ on hydrogen-enhanced crack propagation behaviour is considered, and that sufficient margin to crack growth exists;
- (h) in the event of a release of CO₂-stream, ensure that the local hazard associated by any single impurity component, is always lower, and with sufficient margin, than the hazard associated with the CO₂ itself;
- (i) note that in dense phase the concentration of an impurity in the released CO₂-stream can be different from that in the original fluid, which can result in a more corrosive mixture remaining in the pipeline;
- (j) where an impurity may be liquid or solid on release to the environment, the hazard associated with this release shall be considered;
- (k) where an impurity may accumulate anywhere in the CCS/CCU chain, the hazard associated with this accumulation shall be considered;
- (l) consider the corrosion risk of induced aqueous phases in the specification for hygroscopic components that may be present as liquids in a gaseous CO₂ stream, such as glycols, amines, and methanol;
- (m) consider this corrosion risk in the specification for polar light components that may impact the corrosivity of an aqueous phase induced by a hygroscopic impurity;
- (n) assume that the products of possible chemical reactions, either between different impurities in a CO₂ stream or chemical reactions between impurities and the CO₂, are present in the CO₂ stream, and consider their impact(s);
- (o) keep to a practical minimum the presence of liquids that may accumulate in a gaseous CO₂ stream;
- (p) keep to a practical minimum the presence of solids in a CO₂ stream; and
- (q) consider the impact of solid particles within the CO₂ stream on equipment such as compressors, and on the injection reservoir itself (if appropriate).]

ANNEXURE B: CARBON DIOXIDE SPECIFICATIONS - ECC

1. CORE SPECIFICATION

Component	Limit	Units	Notes
CO ₂	≥96	mol %	
N ₂	≤4	mol %	* Combined total ≤ 4.0 mol%
H ₂	≤0.75	mol %	
Ar	≤4	mol %	
CO	0.2	mol %	
CH ₄			
Methane	n/a	mol %	
Ethane	n/a	mol %	
Propane & Other Aliphatic Hydrocarbons (Heavy hydrocarbons (C ₃ +) shall not shift the dew point below that	n/a	mol %	
H ₂ O	≤50	ppm mol	
O ₂	≤10	ppm mol	
NO _x (NO, NO ₂)	≤10	ppm mol	
SO _x (SO, SO ₂ , SO ₃)	≤20	ppm mol	
H ₂ S	≤5	ppm mol	
COS & CS ₂	n/a	ppm mol	
NH ₃	≤10	ppm mol	See footnote 1
BTEX	n/a	ppm mol	
Methanol	500	ppm mol	* Combined total 500 ppm mol
Ethanol	500		* Combined total 500 ppm mol
Solid Particulates (Max size of particulate: 1 µm)	≤ 1	mg/Nm ³	

(Ash, dust, Na, K, Mg, Cr, Ni, Cd, Hg, Tl, Pb, As & Se)			
Toxic Metal (Max size of particulate: 1 µm)	n/a	mg/Nm ³	
VOCs (Formaldehyde, acetaldehyde, dimethyl sulfide, ethanol)	n/a	mg/Nm ³	
Acid Forming Compounds (Cl ₂ , HF, HCl, HCN)	n/a	mg/Nm ³	
Amines (Max size of liquid droplet: 1 µm) (All, including MEA, MDEA, DEA, AMP, piperazine etc)	n/a	ppb mol	
Glycols (All, including TEG, MEG, DEG, propylene glycol etc)	NIL	ppm mol	
Nitrosamines and Nitramines (NDMA, NMEA, NDEA, NDELA, NPIP, NMor)	n/a	µg/Nm ³	See footnote 2
Napthalene	n/a	ppb mol	
Dioxins and Furans (PCDD, PCDF)	n/a	Ng/ Nm ³	
Solexol (polyethylene glycol dimethyl ether)	n/a	ppm mol	

ADDITIONAL REQUIREMENTS

In addition to the requirements set out in Paragraph 1 above, the following requirements must also be met:

- 1.1 Max droplet size <= 2um (tbc)
- 1.2 [All other components at detectable levels]

[Note: specific limits to be confirmed by ECC]

ANNEXURE C – CARBON DIOXIDE SPECIFICATIONS – LBA

Component	Limit	Units	Notes
CO ₂	≥95.0	mol %	
N ₂	4.0	mol %	* Combined total ≤ 4.0 mol%
H ₂	0.75	mol %	
Ar	4.0	mol %	
CO	0.2	mol %	
Methane	4.0	mol %	
Ethane	4.0	mol %	
CH ₄	n/a	n/a	n/a
Propane & Other Aliphatic Hydrocarbons (Heavy hydrocarbons (C ₃ +) shall not shift the dew point below that	0.15 in total	mol %	
H ₂ O	50	ppm mol	
O ₂	10	ppm mol	
NO _x (NO, NO ₂)	10	ppm mol	
SO _x (SO, SO ₂ , SO ₃)	10	ppm mol	
H ₂ S	5	ppm mol	
COS & CS ₂	5 in total	ppm mol	
NH ₃	10	ppm mol	See footnote 1
BTEX	15 in total	ppm mol	
Methanol	350	ppm mol	
Solid Particulates (Max size of particulate: 1 µm) (Ash, dust, Na, K, Mg, Cr, Ni, Cd, Hg, Tl, Pb, As & Se)	1 in total	mg/Nm ³	
Toxic Metal	0.15	mg/Nm ³	

CCS Network Code – Heads of Terms
Annexure C: measurement requirements (LBA)

(Max size of particulate: 1 µm)			
VOCs (Formaldehyde, acetaldehyde, dimethyl sulfide, ethanol)	48 in total	mg/Nm ³	
Acid Forming Compounds (Cl ₂ , HF, HCl, HCN)	150 in total	mg/Nm ³	
Amines (Max size of liquid droplet: 1 µm) (All, including MEA, MDEA, DEA, AMP, piperazine etc)	100 in total	ppb mol	
Glycols (All, including TEG, MEG, DEG, propylene glycol etc)	NIL		
Nitrosamines and Nitramines (NDMA, NMEA, NDEA, NDELA, NPIP, NMor)	3 in total	µg/Nm ³	
Napthalene	100	ppb mol	
Dioxins and Furans (PCDD, PCDF)	0.02 in total	Ng/ Nm ³	
Selexol (polyethylene glycol dimethyl ether)	NIL	ppm mol	

Footnotes:

1. NH₃ has potential for significant solid particle generation in the T&S network. Quantification will be undertaken to determine extent of NH₃ conversion to Ammonium Carbamate. Any future change would be subject to the Project Change Request process..

ANNEXURE D – MEASUREMENT REQUIREMENTS (ECC)

Note: *This section will be populated with detailed measurement requirements relating to ECC*

ANNEXURE E – MEASUREMENT REQUIREMENTS (LBA)

Note: *This section will be populated with detailed measurement requirements relating to LBA*