

UK LINK COMMUNICATIONS DOCUMENT

UKLCD1

**CODE COMMUNICATIONS
REFERENCE**

Version Control

Version	XRN	Date of Change	Changes	Author
1 Live	-	October 2017	Appendix 5 b removed from UK Link Overview Manual in January 2017. Formally incorporated into a UK Link Manual Component Document.	David Addison
2 Live	-	09/02/2018	Amended to Appendix B: Code Communication Specification. The amendment is in bold on line 743/744, column F.	Ellie Rogers
3 Live	XRN4770	09/11/2018	Added a new Code Communication Reference to Appendix B: Code Communication Specification. The addition relates to NDM Sampling Data and is in red / bold on line 403. Current Live Version	Ellie Rogers
4 FA	XRN4922	11/02/2022	Added BRN cut-off time (calendar days)	CSSC Project
4.1FA	XRN4922	28/04/2022	Additional timings added following review of DSC Service Lines with respect to UK Link timings.	DA / CSSC Project

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Version: ~~4-Live~~4.1 FA

Effective Date: CSS Go-Live Date~~13th October 2017~~

1. Introduction

- 1.1 This document (**Document**), setting out how UK Link Communications are made, is the UK Link Communications Document UKLCD1 – Code Communications Reference referred to in paragraph 2.1.1(e)(i) of the UK Link Manual Framework Document.
- 1.2 This Document is an integral part of and is incorporated in the UK Link Manual.
- 1.3 The version of this Document that is in force and the date from which it is in force, are as stated above.
- 1.4 In this Document:
 - (a) terms defined in the DSC Terms and Conditions and not otherwise defined in this Document shall have the meaning given in the DSC Terms and Conditions;
 - (b) terms defined in any other CDSP Service Document and not otherwise defined in this Document shall have the meaning given in the CDSP Service Document;
 - (c) terms defined in the UK Link Manual Framework Document and not otherwise defined in this Document shall have the meaning given in the UK Link Manual Framework Document; and
 - (d) the further provisions of the DSC Terms and Conditions as to interpretation apply.
- 1.5 This Document may be changed in accordance with the applicable procedures contained in the Change Management Procedures.
- 1.6 The purpose of this Document is to specify:
 - (a) different forms of UK Link Communication; and
 - (b) for each Code Communication required to be given as a UK Link Communication, the required form of UK Link Communication.
- 1.7 Appendix A of this Document summarises the requirements of a UK Link Communication as set out in GTD5.6.2.
- 1.8 For the purposes of this Document, references to a UK Link User includes the CDSP.
- 1.9 In the case of any conflict between the provisions of this Document and the UK Link Terms and Conditions the latter shall prevail.

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- 1.10 UNC GT D5.2.3 applies in respect of the Document, and accordingly the provisions of this Document are binding on UK Link Users.

2. CODE COMMUNICATIONS

2.1 General Description

The Uniform Network Code requires UK Link Users to communicate certain information to each other at certain times. Each transfer of information specified under the Code to any UNC Party is known as a Code Communication.

Many of these Code Communications must be achieved using UK Link as the medium by which the information is transferred, subject to the operation of Contingency Procedures. Each Code Communication which is made in this way is also known as a UK Link Communication.

Information can be transferred using the following methods:

- an On-line Communication using one of the component systems within UK Link with On-line capability;
- a Batch Transfer Communication transmitted across the UK Link Network between UK Link Users; or
- an Active Notification Communication transmitted from the Transporters to one or more UK Link Users using the Active Notification System.

Each of these methods are described in more detail below.

The requirements for all Code Communications are set out in Appendix A

2.2 On-line Communications

An On-line Communication occurs when a UK Link User makes information available to another UK Link User by entering data into the one of the component systems in UK Link with On-line capability as set out in the examples below.

Example 1: When using UK Link Gemini On-line the Communication occurs as soon as the UK Link Gemini database is updated and the data is logged by the Automatic Audit Trail Facility (as described in UKLBD1 – UK Link Security Operating Framework).

Example 2: the Shipper User to Transporter (U-T Communication) On-line Communication 'Submit Input Nomination' occurs when the UK Link Gemini database is updated with the gas flow nominations data which the Authorised Representative has entered into the relevant UK Link Gemini On-line screen and committed using the 'Update' action.

2.3 Batch Transfer Communications

A Batch Transfer Communication occurs when a UK Link User generates data in a batch file, sends this file to its Gateway using the required file naming standards and protocols and is then received at the recipient's Gateway. At the point it arrives on the sender's Gateway the following automatic processes occur:

- the Batch Transfer Communication starts to transfer to the recipient's Gateway

- the recipient's Gateway acknowledges delivery to the sender, if configured to do so.

A Batch Transfer Communication may be made at any time, subject to the availability of the UK Link Network. There are no technical restrictions concerning the timing of Batch Transfer Communications. However, in order to guarantee that a Batch Transfer Communication is processed for that Supply Point System Business Day they need to be received by the CDSP by the following times on that Business Day:

CNF - Confirmations	23.00 hours
NOM – Nominations	23.00 hours
SPC - Supply Point Changes	23.00 hours
WAO - Withdrawals & Objections	23.00 hours
IAR - Isolations & Reconnections	23.00 hours
CNC - Customer Amendments	16.00 hours
EMC - Emergency Contacts	16.00 hours
RFA - Reference Amendment	16.00 hours
Meter Readings	21.00 hours]

In order to guarantee that a Batch Transfer Communication or API Request is processed for a CSS Registration they need to be received by the CDSP by the following times:

BRN – Base Registration Nomination 15:00 hours (D-1)

* D-1 represents the Calendar Day preceding the Registration Effective Date.

UK Link Users must use the correct file naming and definition standards for Batch Transfer Communications as defined in UKLAD3 – UK Link File Transfer Definition.

Each Batch Transfer Communication exchanged with the CDSP must be sent using a specific file or record format. The formats of all Batch Transfer Communications can be found in UKLCD3 – UK Link Interface.

Typically, the CDSP will respond to, or issue, Code Communications within 2 Supply Point System Business Days. As a result of the Ofgem Faster Switching Programme a number of exceptions to this timing have been defined in the following table. A number of the timings are defined against 'application processing' – i.e. UK Link system processing, which will not occur during planned outage or system downtime and, if applicable, will rely on batch processing:

<u>File / Trigger</u>	<u>Name</u>	<u>Action</u>	<u>Processing Notes</u>
<u>NOM</u>	<u>Detail Registration Nominations – (CSS Supply Points) (DS-CS-SA1-03)</u>	<u>Registration Response to be issued within 2 days</u>	
<u>BRN</u>	<u>Base Registration Nomination (DS-CS-SA1-39)</u>	<u>Base Registration Response to be issued within 4 hours of application processing</u>	<u>[This job will not process during the UK Link Maintenance Window, this period will not contribute to the stated timescales]</u>
<u>Receipt of valid CSS Request</u>	<u>Issue of the ASN Notice (DS-CS-SA1-40)</u>	<u>Provision of Proposed Registration Details to</u>	<u>[This job will not process during the</u>

		<u>the Nominated Shipper within 4 hours of application processing of the CSS Request – except where the Nominated Shipper does not have an associated Base Registration Nomination, in which case the ASN Notice will not be triggered within 1 hour of the processing of the CSS Request and such time period will not be included within the time stated above.</u>	<u>UK Link Maintenance Window, this period will not contribute to the stated timescales]</u>
<u>Receipt of Definitive Registration Notification (Secured Active CSS Message)</u>	<u>Issue of the TMC File</u>	<u>Provision of Registration Details to the Nominated Shipper within the TMC File within 4 hours of processing of the CSS Message (DS-CS-SA1-41)</u>	<u>Definitive Registration Requests are expected from CSS from 17.00 hours daily and the final message to be received by [hh.mm¹] daily. [This job will not process during the UK Link Maintenance Window, this period will not contribute to the stated timescales]</u>
		<u>Notice to the Existing Registered User within the TMC file no later than the end date of their Supply Point Registration (04.59 hours), or within 4 hours of processing the CSS Message, whichever is the later. (DS-CS-SA1-42)</u>	
<u>Receipt of Change of Shipper through a valid Relevant CSS Request</u>	<u>Issue of the TMC File</u>	<u>Provision of Registration Details to the Nominated Shipper within the TMC File prior to the Registration Effective Date (04.59 hours), but no earlier than 17.00 on D-1 (</u>	<u>[This job will not process during the UK Link Maintenance Window, this period will not contribute to the stated timescales]</u>
		<u>Notice to the Existing Registered User within the TMC file no earlier than 17.00 on D-1 and no later than the end date of their Supply Point</u>	

¹ Subject to REC Change following Programme Change CRD-129

		<u>Registration (04.59 hours) or within 4 hours of processing the CSS Message, whichever is the later.</u>	
<u>Receipt of Definitive Registration Notification (Secured Inactive CSS Message)</u>	<u>Issue of the MPE/MPD File (DS-CS-SA1-46)</u>	<u>Following receipt and processing of the trigger message, provision of notice that the Supply Point is no longer effective as a result of Deactivation. No later than 04.59 hours on the end date of the Supply Point Registration (including the final day that such Registration is effective)</u>	
<u>Receipt of data from the CSS Provider which must be recorded in the Supply Point Register</u>		<u>Following receipt and processing of the trigger message, data being recorded in the Supply Point Register within 4 hours of processing of the CSS Message</u>	<u>[Updates will not process during the UK Link Maintenance Window, this period will not contribute to the stated timescales]</u>
<u>Receipt of data from the CSS Provider which must be recorded in the Supply Point Register being available to Information Services</u>	<u>Information Services that are not included in the Gas Enquiry Service (DS-CS-SA3-32)</u>	<u>Following receipt and processing of the trigger message, data being recorded in the Supply Point Register and available to users of Information Services by:</u> <ul style="list-style-type: none"> - <u>09.00 hrs, where the data has been recorded in the UK Link system by 16.00 hrs the previous day - in the case of Information Services utilising BDP (subject to this data being effective and / or relevant to the service).</u> - <u>09.00 hrs on calendar day D+1, where the data has been recorded in the UK Link system by 04.59 hrs on calendar day D - in the case of</u> 	<u>Information Services utilising BDP - DDP; Supply Point Quantities API</u> <u>Information Services utilising BW – Portfolio Reporting; Telephone Services</u>

		<p><u>Information Services utilising BW (subject to this data being effective and / or relevant to the service).</u></p> <p><u>For the avoidance of doubt this does not include services included within the Gas Enquiry Service.</u></p>	

Following processing by the CDSP of notices, including Code Communications, the CDSP will notify the Central Switching Service of the following:

<u>File / Trigger</u>	<u>Name</u>	<u>Action</u>	<u>Processing Notes</u>
<u>Update to Registerable Measurement Point Detail – including Status; Meter Point Location; Agent details (MAM / MAP / DCC Service Flag)</u>		<u>Provision of RMP Detail to CSS within 12 hours of processing the Code Communication or other transaction determining a change in such detail</u>	<u>Notice to CSS will not be triggered outside of 07.00 to 19.00 hours, this period will not contribute to the stated timescales.</u>
<u>Update to the Shipper-Supplier Association Data (SSAD)</u>		<u>Provision of SSAD to CSS</u>	<u>Once daily batch to CSS by 08.00 hours</u>
<u>Amendment to the Shipper-Transporter Association Data (i.e. Shipper becoming a User, or Termination of a User)</u>		<u>Provision of Shipper-Transporter Association Data</u>	<u>Once daily batch to CSS by 08.00 hours</u>
<u>Update to the Shipper-Transporter Association Data in accordance with a Registration Block Notice</u>		<u>Following recording of amended Shipper-Transporter Association Data within UK Link, notification to CSS of revised Association Data</u>	<u>Within 1 hour of recording in UK Link system</u>

2.4 Active Notification Communication

There are certain events which require the Transporters to notify UK Link Users at short notice because they may need to respond quickly. The Transporters use the Active Notification System to send a message to all relevant ANS Users. This is further described in UKLBD4 – Active Notification System Supplementary Document.

An Active Notification Communication may be either a Code Communication or a notice that a Code Communication has been given by some other means. The table in Appendix B shows all Code Communications which are given using the Active Notification System.

Whilst referenced in the UK Link Manual, the Active Notification System does not form part of the UK Link system and is not supported by the CDSP or the CDSP Service Desk.

3. UK LINK COMMUNICATIONS

Certain Code Communications are required to be given as UK Link Communications.
Example UK Link Communications are:

3.1 User Trade Communications

UK Link Users may also use UK Link for the purpose of trading capacity and storage with other UK Link Users. The transaction involved in this process is known as a User Trade Communication. Although information is validated on the system there is no involvement from the Transporters in the trading process itself. Full details of how trading can be performed, together with restrictions on when such trades can occur, can be found in the UK Link Gemini User Guide.

3.2 Gas Trading

Gas Trading allows a UK Link User to sell gas to another UK Link User. The actual trade does not take place on UK Link but the parties involved in the trade must inform the Transporters using UK Link Gemini. Details of how the system is used to support the trading process can be found in the UK Link Gemini User Guide.

UK Link Users may also use UK Link for the purposes of providing communications to other UK Link Users. Such UK Link Communications are not controlled within this document.

4. CONTINGENCY ARRANGEMENTS

If there is a Code Contingency the Contingency Procedures will apply as set out in the UK Link Contingency Document.

Should UK Link Gemini be unavailable, or a contingency scenario is declared, appropriate contingency arrangements are used to enable the relevant Code Communications to be given. These are described in UKLCD4 – UK Link Gemini User Guide.

Appendix A: CODE COMMUNICATIONS SUMMARY

This Appendix A summarises the requirements for Code Communication as set out in GTD 5.6.2 and should be read in conjunction with the Code Communication Reference Document attached in Appendix B of this Document.

Uniform Network Code Reference

The first column gives the reference to the relevant paragraph in the Uniform Network Code where the Communication is defined and/or required to be given.

Description

The second column contains a brief description of the contents of the Communication. This is not intended to replicate the UNC. UK Link Users must reference the relevant paragraph of the Uniform Network Code in order to understand the obligation.

Paragraph

The third column describes the UNC Reference. This is not intended to replicate the UNC. UK Link Users must reference the relevant paragraph of the Uniform Network Code in order to understand the obligation.

From and To

The fourth and fifth columns show the direction of the Communication in terms of who is giving and who is receiving it. The fourth column defines the sender and the fifth defines the recipient. Abbreviations used within these columns are outlined in the 'Explanation' tab.

Means of Communication

The sixth column specifies the means of communication to be used. Abbreviations used within this column are outlined in the 'Explanation' tab.

Form of Communication

The seventh column specifies the form in which the communication must be given if it is given as a UK Link Communication. Terms used in this column are outlined in the 'Explanation' tab.

Contingency

The eighth column denotes whether a Contingency Procedure exists for that Code Communication by use of the letters "Ct".

Restrictions and Other Information

The ninth column gives information concerning restrictions on when that communication may be given in terms of any cut off times or deadlines by which it must be given. For full details of such restrictions, see the relevant section of the Uniform Network Code.

Appendix B: CODE COMMUNICATION SPECIFICATION



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