Detailed Design Change Pack

# Communication Detail

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| Comm Reference: | 3128.2 - VO - PO |
| Comm Title: | XRN5567 – Detailed Design Change Pack - Implementation of Resend Functionality for Messages from CSS to GRDA (REC CP R0067) |
| Comm Date: | 16/01/2023 |

**Change Representation**

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| --- | --- |
| Action Required: | ‘For Representation’ |
| Close Out Date: | 30/01/2023 |

# Change Detail

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| Xoserve Reference Number: | XRN 5567 |
| Change Class: | Functional change to Gas Retail Data Agent systems, but no impact expected to DSC Customers |
| ChMC Constituency Impacted: | Shipper funded change – but no impacts expected to Shipper systems as a direct result of this change |
| Change Owner: | David Addison |
| Background and Context: | Since the introduction of Faster Switching Arrangements in July 2022, there have been incidents whereby systems that interface with the Central Switching Service (CSS) have not received expected messages because they have not been generated or because of issues in transmission or receipt of the messages.  REC Change Proposal R0067 - Introduction of CSS Refresh Functionality – will introduce the capability for the Gas Retail Data Agent (GRDA – a role that the CDSP performs in REC) to request a **Resend** of a missing message or request a **Refresh** of an individual Supply Meter Point’s Registration data from CSS in instances where we suspect that UK Link and CSS data are misaligned.  As the CDSP had already highlighted concerns regarding the timeliness of messaging from CSS, the CDSP has developed the capability to identify missing Secured Active Notifications from CSS within the Gate Closure window. Introduction of a CSS resend functionality would allow systems (including the Gas Retail Data Service (GRDS – the Service operated by the GRDA)) which interface with the CSS to request a re-send of out of sync messages, messages received outside the expected timescales within the gate closure period, or missing messages without the need of manual intervention. In instances where CSS are able to provide resend messages by [18:30 - 19:00] (we would normally expect that Gate Closure will close at 18:00), this should enable the CSS Registration Effective Date and the UK Link Registration Effective Date to be aligned.  In instances where CSS are unable to provide the resend message the GRDA will raise an incident with CSS, but will then wait until the Registration should have become effective and will then trigger a Refresh request. This process is being manually initiated and the process to support this is being undertaken within XRN5535 - Processing of CSS Switch Requests Received in ‘Time Period 5’. It is expected that this Refresh request will be generated by the GRDA the following working day and the CDSP will then simulate the Secured Active Notification. In these instances the CSS and UK Link Registration Effective Date will not be aligned. |

# Change Impact Assessment Dashboard (UK Link)

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| Functional: | Supply Point Registration |
| Non-Functional: | None identified |
| Application: | SAP ISU  CSS API Client – this is the component that manages interface between CSS and GRDA within the CDSP systems |
| User(s): | No UK Link Users are expected to have direct Change Impacts this change impacts the following interfaces between CSS and the GRDA:   * Registration SecuredActive Synchronisation; * Registration Cancelled Synchronisation * Registration Event Synchronisation |
| Documentation: | No UK Link Manual documentation is expected to be impacted |
| Other: | Non identified |

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| --- | --- | --- | --- | --- |
| Files | | | | |
| File | Parent Record | Record | Data Attribute | Hierarchy or Format  Agreed |
| No UK Link Communications are expected to be impacted | | | | |

# Change Design Description

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| This change will impact the following interfaces between the GRDA and CSS:   * Registration SecuredActive Synchronisation; * Registration Cancelled Synchronisation * Registration Event Synchronisation   This change will not impact the formats of any UK Link Communications.  This Change Proposal (XRN5567) does not propose a new DSC Service Line. It will supplement existing DSC Service Lines associated with the receipt and processing of Definitive Registration Notifications from CSS.  It is hoped that this change will be used in exceptional circumstances to request resend or refresh synchronisation messages. Where resend responses are provided by CSS within the necessary timescales it is anticipated that these can be dealt with as part of an extension to the Gate Closure window and therefore will not impact DSC Customers.  Where the refresh functionality is used the UK Link Registration Effective Date and CSS Registration Effective Date will be misaligned. Further development of the manual processes to support this activity is being progressed under XRN5535. |

# Associated Changes

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| Associated Change(s) and Title(s): | XRN 5535 - Processing of CSS Switch Requests Received in ‘Time Period 5’ |

# DSG

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| Target DSG discussion date: | 19/12/2022 |
| Any further information: | Discussion with DSG regarding the Missing Message issue and the principles and solutions proposed as part of XRN5567 / R0067 |

# Implementation

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| Target Release: | Ad hoc release – integration planning is being conducted between GRDA / CSS and the REC Technical Services Code Manager. It is currently expected that the release with be July / August 2023. DSC Customers are specifically asked for representations highlighting objections to the proposed ad hoc release date. |
| Status: | For Approval |

Please see the following page for representation comments template; responses to [uklink@xoserve.com](mailto:uklink@xoserve.com)

Industry Response Detailed Design Review

«RangeStart:HDS»  
  
Change Representation

(To be completed by User and returned for response)

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| --- | --- | --- | --- |
| User Contact Details: | Organisation: | «h1\_organisation» | |
| Name: | «h1\_name» | |
| Email: | «h1\_email» | |
| Telephone: | «h1\_telephone» | |
| Representation Status: | «h1\_userDataStatus» | | |
| Representation Publication: | «h1\_consultation» | | |
| Representation Comments: | «h1\_userDataComments» | | |
| Confirm Target Release Date? | «h1\_targetDate» | | «h1\_userDataAlternative» |

# Xoserve’ s Response

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| Xoserve Response to Organisations Comments: | «h1\_xoserveResponse» |

Please send the completed representation response to [uklink@xoserve.com](mailto:uklink@xoserve.com)

«RangeEnd:HDS»

Change Management Committee Outcome

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| --- | --- | --- | --- | --- | --- |
| Change Status: | Approve | Reject | | | Defer |
| Industry Consultation: | 10 Working Days | | 15 Working Days | | |
| 20 Working Days | | Other [Specify Here] | | |
| Date Issued: | Click here to enter a date. | | | | |
| Comms Ref(s): | 3128.2 - VO - PO | | | | |
| Number of Responses: | 0 | | | | |
| Solution Voting: | Shipper | | | Please select. | |
| National Grid Transmission | | | Please select. | |
| Distribution Network Operator | | | Please select. | |
| IGT | | | Please select. | |
| Meeting Date: | 08/02/2023 | | | | |
| Release Date: | Adhoc | | | | |