Change Management Committee (ChMC) Change Pack Summary

# Communication Detail

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| --- | --- |
| Comm Reference: | 2442 – JB – PO |
| Comm Title: | XRN 4991 - Enabling large scale utilisation of Class 3 - MOD0700 |
| Comm Date: | 23/09/2019 |

**Change Representation**

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| Action Required: | For Information |
| Close Out Date: | Not Applicable |

# Change Detail

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| Xoserve Reference Number: | XRN 4991 - Enabling large scale utilisation of Class 3 – UNC Modification 0700 |
| Change Class: | *Functional – Users to confirm* |
| ChMC Constituency Impacted: | All Shipper Classes |
| Change Owner: | David Addison - Service Development Manager  0121 623 2752  [david.addison@xoserve.com](mailto:david.addison@xoserve.com)  James Barlow - Customer Change Lifecycle Specialist  0121 623 2854  [james.barlow@xoserve.com](mailto:simon.harris@xoserve.com) |
| Background and Context: | Following publication of the 2019/20 Unidentified Gas (UIG) Weighting Factors, Shippers’ communications and actions indicate they intend to migrate a significant number of Supply Meter Points to Class 3.  Modification 0700 seeks to ensure that the CDSP has capability to manage the significant increase in Class 3 Supply Meter Point read submissions. This CP has been raised to implement the necessary amendments to UK Link systems to effect the change.  The changes in the Modification seek to minimise the impact on the above Shippers by focusing mitigating actions on End User Category (EUC) Band 1 which covers the majority (circa 99%) of Supply Meter Points. |

# Change Impact Assessment Dashboard (UK Link)

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| Functional: | Supply Point Administration, Meter Read Submission, Reporting |
| Non-Functional: | Transaction Volume, Performance |
| Application: | SAP ISU, SAP BW, AMT Sybex Marketflow, EFT, IX Gateway, DES, Gemini |
| User: | Impacts are only currently identified to Shipper Users |
| Documentation: | * BD2 - UK LINK IS SERVICE DEFINITION * UKLCD1 - CODE COMMUNICATIONS REFERENCE * UNC VALIDATION RULES |
| Other: | None |

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| --- | --- | --- | --- | --- |
| Files | | | | |
| File | Parent Record | Record | Data Attribute | Hierarchy or Format  Agreed |
| N/A | N/A | N/A | N/A | N/A |

# Change Design Description

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| This Change Pack aims to give an overview of the solution being implemented to satisfy MOD0700 via XRN4991.  **Class Change Process**  Modification 0700 has given the CDSP the power to limit the number of Supply Point Changes that can be processed where the integrity of the system may be compromised. To facilitate this, each Shipper , that has indicated a plan to migrate large volumes to Class 3, shall receive an ‘allocation’ which will be the maximum number of ‘Supply Meter Point Amendment Requests’ (.SPC) records that should be submitted to the CDSP in a single day to help smooth the forecast demand.  This ‘allocation’ shall be monitored and SPC files may be rejected if the Shipper breaches their daily allocation and the system capacity is close to being reached. It is not guaranteed that SPC file(s) will be rejected if a Shipper breaches their daily allocation, but Shippers will be notified where a file has been rejected via a File Level Rejection (FRJ) file using code FIL000124 “File rejected and will not be processed”..  Shippers are requested to notify their Customer Advocates of their forecasted demand a minimum of 10 business days prior to the first working day of the month. This forecast should include non-Class Change activity that is in excess of normal BAU as well as bulk Class 3 migration activity. Xoserve will then centrally manage the industry forecast and work with shippers to smooth the activity across the month. Should shippers who have not provided a forecast submit large volumes of SPC records, or those who have submitted a forecast exceed it, then Customer Advocates will contact them to discuss their requirements. If the behaviour continues and the increase in volume impacts on Xoserve systems then the file limits may be set in order to control volume.  **Read Submission Stage**  Modification 0700 specifies that Class 3 read submissions for Supply Meter Points in EUC band 01 should be carried out in weekly (7 day) or less batches. This means that a ‘Class 3 Read’ (.UBR) file should contain a maximum of 7 cyclic readings per Supply Meter Point to be submitted to the CDSP, fewer readings can be sent within a batch but ideally 7 reads should be provided where possible to help with the smoothing of reads processed through to UK Link core systems.  The shipper batch will be defined as all Cyclic Reads for a Supply Meter Point in EUC band 01 submitted to the CDSP within a single processing day (6pm – 5:59pm) via the Class 3 UBR file. If multiple UBR files and reads are sent to the CDSP for the same Supply Meter Point in the same processing day, then these will be considered a single batch and processed together, meaning only one read will be selected for forward processing regardless of how many UBR files have been sent.  All Class 3 cyclic EUC 01 reads contained within Shipper batches will be subject to D+10 validations. Where reads contained within a Shipper batch are older than D+10 (D Read Date) then these will be rejected back to the Shipper within the standard ‘Unbundled Meter Read Response’ (.URS) file (U02 Unbundled Read Rejection & S72 Rejection Details), all other reads within the Shipper batch will be considered for the Read Selection stage.  All readings submitted via UBR files that are not covered under MOD0700 rules are passed directly to the Read Validation stage (bypasses the Read Selection stage) and processed as BAU. These include the following…   * Replacement Reads * Opening Readings * Readings for Supply Meter Points within EUC Bands 2-9   As well as reads not covered under MOD0700 rules, reads within a Shipper batch that have a through the zero (TTZ)/ round the clock (RTC) not equal to 0 will be (once passed through D+10 validation) passed directly through to Read Validation stage to mitigate potential future read failures. If this is the case, an additional read from the Shipper batch will still be considered for Read Selection stage.  Please note that although not all reads within a Shipper batch will be selected to move forward for processing, all reads must still be validated and assured by the submitting Shipper as per current processing.  **Read Selection Stage**  It has been agreed that a single read will be taken from a Shipper submitted batch of readings to be passed through to downstream processing within UK Link. The standard read selection process will take the last read within a Shipper batch to be passed for read validation.  A Shipper can specify a ‘preferred’ date in a calendar month on which to take priority over the standard read selection process, this ‘preferred’ date and any amendments to it should be communicated via the Customer Advocates. The ‘preferred’ date can be any date within a month, but please note that if this date is the 29th, 30th or 31st of the month, some months will not have an opportunity for any submitted batch to have a ‘preferred’ read for selection.  If a Shipper batch contains a read for the Shipper ‘preferred’ date then this read shall automatically be selected and passed to the Read Validation stage and overrides the standard read selection.  It is requested that if a ‘preferred’ read date is required or is to be amended, then the request is submitted to Customer Advocates a minimum of 10 business days prior to the need date.  If the Shipper ‘preferred’ read does not pass validation and is rejected back to the Shipper (via .URS file) then another read within the Shipper batch will be selected using the standard read selection process (latest read within the batch).  If no Shipper ‘preferred’ read is present in a Shipper batch, the standard read selection process will kick in and the latest read will be selected in the first instance, if this fails validation and is rejected back to the Shipper (within URS file) then the next read closest to the latest read will be selected.  Only two attempts will be made to identify a reading to pass through to UK Link systems, not all reads in the batch will be processed and validated. Further information on this is contained within the Read Validation Stage.  For clarity, the only Class 3 EUC 01 reads that will be responded to via the URS file will be the following:   1. Reads failing D+10 validation (rejected) 2. Selected reads that fail standard read validation (rejected) 3. Reads that pass the Read Validation Stage (to be loaded into UK Link for further processing) - (accepted)   All other reads that have not been selected and have been assigned a status of ‘assured’ / ‘unassured’ will not be responded to via URS file.  **Read Validation Stage**  Once a read has been selected from a Shipper’s batch, it will undergo standard read validation as if it was processed today. If it passes validation it will be accepted into UK Link for downstream processing and all other reads within the Shipper batch are set to an ‘assured’ status to feed Shipper Read Performance reporting.  If the read does not pass validation then it is rejected back to the Shipper and another read is selected from the same Shipper batch. If this second read passes validation it will be accepted into UK Link for downstream processing and all other reads within the Shipper batch are set to an ‘assured’ status (excluding the first rejected reading) to feed Shipper Read Performance reporting.  Only two attempts to select a read from a Shipper batch will be carried out, if both the selected reads from the Shipper batch fail validation they will both be rejected back to the Shipper and all other reads within the Shipper batch are set to an ‘unassured’ status to feed Shipper Read Performance reporting. If this occurs then the Shipper can re-submit the batch again with appropriate amendments, but please note, this may result in additional reads failing the D+10 read validation rule prior to being considered for read selection.  **Inner Tolerance Read Validation**  Proposal for removing the inner read tolerance validation for EUC1 reads is currently in progress/assessment and would look to mitigate potential issues surrounding the mismatch on the reads being validated to calculate consumption (Shipper submissions are day to day reads, CDSP are looking at 7 day periods). Potential solutions will not be ready for the main implementation of XRN4991 but are planned to be introduced at a later date to suspend the inner read tolerance for EUC1 only. This will be for reads received in the .AQI file and for all read types received in the .UBR file.  **Additional Information**  In a Class Change scenario (from 1/2/4 to 3) estimate reads for the Class Change effective date is carried out straight away and issued out to Shippers accordingly. If this read is inaccurate the Shipper can submit a Replacement Reading to replace the estimate read. As this is done via flagging the read as a Replacement within the UBR file, this read takes priority and is not classed as MOD0700 so will be processed as BAU.  In a Shipper Transfer scenario, if the incoming Shipper provides an Opening Reading within their batch then this will be classed as non-MOD0700 and be processed as BAU and will be used to satisfy the Transfer Effective Read. If no Opening Reading is provided within the incoming Shipper batch then this (and any others received) will be held until the Transfer Effective Read is fulfilled by a CDSP estimated, RGMA or Opening reading (BAU). Once fulfilled then the held batches will be processed, however they will be processed as individual reads and so, therefore, shippers will receive a response for all reads held whilst waiting for the Opening Read fulfilment.  Check to Check Reconciliation will be based on the prevailing volume where a Cyclic Read has been received, however, where the read within the check to check period has been marked as Assured or Unassured then this period will be based on Allocated Volumes. Where a Cyclic Read has been provided for the check read date but is not the read selected from the batch for processing, then the reconciliation profile for the last period within the check to check reconciliation will be based on allocated (deemed) volume rather than the prevailing volume. Once a Check Read has been processed, the Deemed profile is set and cannot be amended and this may not follow actual offtake for the days covered, so it is advised that any Check Read submitted aligns where possible to accepted reads within UK Link to ensure any reconciliations are based on prevailing volumes.  **Downstream Processes**  No impacts on downstream processes have been identified as part of the solution for MOD0700. However please be aware that Reconciliation Supporting Information files will contain daily variances within the AML/ASP files but this is BAU and would happen regardless of MOD0700.  Reporting impacts are currently being looked into to highlight reports that may be impacted by the introduction of new internal read statuses. The main area of impact will be Read Performance and Meter Read Validity PARR reports. A full list of impacted reports will be provided to DSG as soon as they are available.  **Reference Documents**  All XRN4991 documentation can be found on Xoserve.com by clicking [here](https://www.xoserve.com/services/issue-management/class-3/). If you require any further clarifications please contact us using [uklink@xoserve.com](mailto:uklink@xoserve.com).  In addition, the UNCVR has also been updated and, for reference, can be found on the Joint Office website - http://www.gasgovernance.co.uk/tpddocs. |

# Associated Changes

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| Associated Change(s) and Title(s): | UNC Modification 0700 - Enabling large scale utilisation of Class 3 |

# DSG

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| Target DSG discussion date: | Not Required |
| Any further information: | None |

# Implementation

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| Target Release: | Ad hoc (28/09/2019) |
| Status: | Approved by ChMC (11/09/2019) |

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

Section H: Representation Response

«RangeStart:HDS»   
   
**H1: Change Representation**

(To be completed by User and returned for response)

|  |  |  |  |
| --- | --- | --- | --- |
| 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» |

**H1: 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»