High Level Solution Options Change Pack

# Communication Detail

|  |  |
| --- | --- |
| Comm Reference: | 3184.1 VO – PO |
| Comm Title: | XRN5607 - Update to the AQ correction processes (Modification 0816S) - Solution Change Pack |
| Comm Date: | 12/06/2023 |

**Change Representation**

|  |  |
| --- | --- |
| Action Required: | For Representation |
| Close Out Date: | 26/06/2023 |

# Change Detail

|  |  |
| --- | --- |
| Xoserve Reference Number: | [XRN5607](https://www.xoserve.com/change/customer-change-register/xrn-5607-update-to-the-aq-correction-processes-modification-0816s/) |
| \*ChMC Constituency Impacted: | Shipper, All Classes  Distribution Network Operators  \*Assumed impacted parties of the proposed change, all parties are encouraged to review |
| Change Owner: | [uklink@xoserve.com](mailto:uklink@xoserve.com) |
| Background and Context: | Modification 0816S - Update to AQ Correction Processes has been raised to add two further ‘eligible causes’ to the Annual Quantity (AQ) amendment process within TPD G2.3.21 and to prevent AQ amendments being processed where there is a de-minimis change in value to the AQ. High-level changes:   * Creation of two new AQ amendment ‘eligible causes’ (AQ reason codes) which Shippers can utilise to request a change to the AQ of their Supply Meter Point (SMP):   + Erroneous AQ based on read history   + Change in operation and/or use * A change in current validation for existing and the two new reason codes, (excluding existing reason code 4 – read tolerance), to be introduced under this change. This validation should reject AQ amendment submissions which only request a de-minimis change in AQ to the current value. This de-minimis value should be parameterised with the initial value being 5%. * The existing Performance Assurance Report Registers (PARR) report detailing the volumes of AQ amendments submitted per reason code and Shipper needs to be updated to include the two new reason codes.   Details of Mod 0816S can be found [here](https://www.gasgovernance.co.uk/0816)  Additional requirements were raised under XRN5607 which do not form part of Modification 0816:  Under Modification 0736 / XRN5237, a manual process was introduced for reason code 3 AQ amendment requests. This is a check to confirm if the User submitting the AQ amendment is Affiliated with the previous User.  Due to the tight timescale to introduce the changes under Modification 0736, a manual solution was introduced to store and validate against Shipper affiliation data. Under XRN5607, Shipper Users would like to understand the costs and associated benefits of making the affiliation check on reason code 3 AQ amendment submissions automated.  The attached High Level Solution Option (HLSO) document defines the options, for customer review and representation, to deliver the objectives, and specified scope, of Change Proposal XRN5607. |

# Solution Options

|  |  |
| --- | --- |
| Solution Option Summary: | The below HLSO document contains the details of the options being presented to customers to deliver XRN5607 - Update to the AQ correction processes (Modification 0816S). These solution options are then summarised within this pack for context and to further support the customer review and representation process.    As per the HLSO document, there are 2 solution options presented for review. Both of these options would deliver the defined must have customer requirements and, therefore, the objectives of the modification. Both achieve this in the same way which is to amend the existing AQ correction validation process and related file set.  However, unlike Option 1, Option 2 would also deliver the could have customer requirements to automate the affiliation check that was introduced under Mod0736, in addition to the must have requirements.    **Solution Summary**  As above, both options meet the modification 816S related customer requirements in the same way:   * Addition of two new reason codes to the AQ Correction process (AQI/AQR file set) * Creation of validations specific to the new reason codes * Enhancement to validations on existing reason codes (with exception of reason code 4) to ensure AQ is in excess of a de minimis percentage * New rejection codes to support new validation criteria and provide clear information back to Shipper Users * Update to the NRL (AQ WC Notifications) file to allow new AQ correction reasons to be correctly populated * Updates to the AQ Correction PARR (Performance Assurance Report Register) and PAFA (Performance Assurance Framework Agreement) reports to account for new AQ correction reasons * AQ Correction dashboard within the DDP (Data Discovery Platform) to be updated to cater for the new correction reasons   In addition to the above, Option 2 would include the following:   * Storage within central systems of Shipper affiliation data * A one time data migration of affiliation data into central systems * Enhancement of validations for reason code 3 to automate the affiliation check (currently a manual process), including new rejection code where relationship is found   By delivering Option 2, in addition to delivering the objectives of modification 816S, the requirement for manual checks on AQ corrections for reason code 3 is removed. Currently there is a manual process for both the CDSP and Shipper Users to take action, Option 2 would see this replaced by the automated validation within the AQ correction process.  For clarity, the manual process introduced by XRN5327, as referenced above, was absorbed into existing Service and Operate costs and therefore it is not anticipated for there to be a reduction in said costs as a result of automating the process as part of Option 2.  **Implementation Timeline and Funding**  It is recommended that the solution is delivered within a major release to provide the full support and lead time for file format changes. The proposal is that the solution, whichever is approved by customers, is considered for scoping within the February 2024 major release.  The proposed funding of this change within the modification is 100% Shipper and aligns to the related service area. At this point this is for information only but your feedback on this point is welcomed to support the approval of the solution. |
| Proposed Implementation Date: | February 2024 Major Release |
| Xoserve preferred option:  (including rationale) | Option 2 – This option delivers all customer requirements and removes manual processes for both the CDSP and Shippers which can be seen to justify the additional spend from only delivering the must have requirements under option 1. |
| DSG preferred solution option:  (including rationale) | To be presented and discussed at DSG on June 19th. |
| Consultation closeout: | Click here to enter a date. |

# Service Lines and Funding – for each option

|  |  |
| --- | --- |
| Service Line(s) Impacted - New or existing | Service Area 2 – Monthly AQ Processes  Service Lines already exist to manage the AQ amendment process.  At this stage, it is not anticipated that further changes to those  Service Lines will be required. |
| Level of Impact | ~~Major/ Minor/ Unclear/~~ None |
| Impacts on UK Link Manual/ Data Permissions Matrix | None |

Industry Response Solution Options Review

# Organisation’s preferred solution option

|  |  |  |
| --- | --- | --- |
| User Contact Details: | Organisation: | «e1\_organisation» |
| Name: | «e1\_name» |
| Email: | «e1\_email» |
| Telephone: | «e1\_telephone» |
| Organisation’s preferred solution option, including rationale taking into account costs, risks, resource etc. | «e1\_preferredSolutionOption» | |
| Implementation Date: | «e1\_implementationDate» | |
| Xoserve preferred solution option: | «e1\_xoserveSolutionOption» | |
| DSG preferred solution option: | «e1\_dsgSolutionOption» | |
| Publication of consultation response: | N/A | |

# Xoserve’ s Response

|  |  |
| --- | --- |
| Xoserve Response to Organisations Comments: | «e2\_xoserveResponse» |

«RangeEnd:EDS»

Change Management Committee Outcome

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Change Status: | Approve | Reject | | | Defer |
| Approved Solution Option | Solution Option 2 | | | | |
| Industry Consultation: | 10 Working Days | | 15 Working Days | | |
| 20 Working Days | | Other [Specify Here] | | |
| Date Issued: | 12/06/2023 | | | | |
| Comms Ref(s): | 3184.1 – VO - PO | | | | |
| Number of Responses: | 6 | | | | |
| Solution Voting: | Shipper | | | Approve | |
| National Grid Transmission | | | Please select. | |
| Distribution Network Operator | | | Approve | |
| IGT | | | Please select. | |
| Meeting Date: | 12/07/2023 | | | | |
| Proposed Release Date: | Major TBC | | | | |

Approved Solution Option

# Approved Solution Option

|  |  |
| --- | --- |
| Solution Details: | Solution Overview  Solution Option 2 aims to deliver the below high-level requirements  • Creation of two new AQ correction ‘eligible causes’ (AQ correction reason codes) which Shippers can utilise to request a change to the AQ of their Supply Meter Point (SMP):  o Erroneous AQ based on read history.  o Change in operation and/or use.  • A new validation criterion for all correction reason codes, with the exception of the existing correction reason code 4 – read tolerance, to be introduced. This validation is to reject AQ correction submissions which only request a de minimis change in AQ compared to the current value.  Note: The existing correction reason code 5 is not applicable for AQ and is also out of scope of this requirement.  • This de minimis value should be parameterised with the initial value being 5%.  • The existing PARR report detailing the volumes of AQ corrections submitted per correction reason code and Shipper to be updated to include the two new correction reason codes.  • Update to AQ correction Data Discovery Platform (DDP) related dashboards.  • Updates to any impacted ISU reports and BW reports determined through assessing the Reporting Catalogue.  • Automation of affiliation checks for correction reason code 3 which were put in place under XRN5237. This includes:  o Creation and maintaining the Shipper affiliation data.  o Data validation is created to check for Shipper affiliations for AQ correction reason code 3.  o Rejection mechanism is included where this validation fails. |
| Implementation Date: | Click here to enter a date. |
| Approved By: | Shipper, DNO |
| Date of Approval: | 12/07/2023 |

**Version Control**

**Document**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | Status | Date | Author(s) | Remarks |
|  |  |  |  |  |

**Template**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Version | Status | Date | Author(s) | Remarks | Approved By |
| 1.0 | Approved | 09/03/2022 | Rachel Taggart | Initial Review Change Pack transferred to own document | Change Management Committee on 09/03/2022 |
| 1.1 | Approved | 25/04/2023 | Rachel Taggart | Updated with new font branding | Emma Smith |