

Rough Order of Magnitude (ROM) Request and Response

1. Purpose of a ROM

The DSC CDSP Service Document – Change Management Procedure sets out the expectations of the ROM process.

4.6.2 Subject to paragraph 4.6.3, within 10 Business Days after receiving a ROM Request, the CDSP shall send to the Customer and the Committee a report (Rough Order of Magnitude Report or ROM Report) setting out (so far as the CDSP is able to assess at the time):

(a) a high level indicative assessment of the impact of the Potential Service Change on the CDSP Service Description and on UK Link;

(b) the CDSP's opinion as to whether the Potential Service Change would be a Restricted Class Change, would have an Adverse Impact on any Customer Class(es) or would be a Priority Service Change, where applicable;

(c) the CDSP's approximate estimate of:

(i) the Costs (or range of Costs, where options under paragraph (e) are identified) of Implementing the Potential Service Change;

(ii) the impact of the Potential Service Change on Service Charges; and

(iii) the period of time required for Implementation;

(d) any material dependencies of Implementation on other Proposed Service Changes or other likely Priority Questions; and

(e) if it is apparent to the CDSP that there are likely to be materially different options as to how to Implement the Potential Service Change, a high level description of such options.

2. ROM Request – To be completed by the customer

Please populate the details below and send to box.xoserve.portfoliooffice@xoserve.com, to enable the CDSP to undertake the impact assessment to provide the ROM Response (section below).

Please note, the ROM requestor may be asked for further details if it is believed that request is not clear and additional information is required in order to provide a ROM Response.

2a. ROM Request Details

ROM Request Details	
Change Title	Update to AQ Correction Processes (Modification 0816S) (XRN5607)
Regulatory Impact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Regulatory Reference (if applicable)	Modification 0816S – Update to AQ Correction Processes
Change Overview	<p>This change has been raised in relation to Modification 0816S which proposes to add two further ‘eligible causes’ to the AQ amendment process and to prevent AQ amendments being processed where there is a de-minimis change in value to the AQ being requested.</p> <p>Based on the Modification Business Rules, the following needs to be assessed by the CDSP:</p> <ul style="list-style-type: none"> 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: <ol style="list-style-type: none"> Erroneous AQ based on read history Change in operation and/or use <p><i>Both of these reason codes should be submitted and managed in line with the current process and timescales.</i></p> <p><i>To confirm, this change does not amend the mechanism in which Shippers submit AQ amendments (corrections) or the timings associated to that process (for example submission deadline M+15 SPSBDs to go live the 1st of the following month).</i></p> Specific validation will be required for the new AQ reason codes which could include but is not limited to the following: <ol style="list-style-type: none"> Erroneous AQ based on read history <ul style="list-style-type: none"> The Confirmation Effective Date of the Registered User for the Supply Meter Point (SMP) must not be longer than 12 months previous. The SMPs Rolling AQ must have increased by greater than 100% since the Registered User Confirmation Effective Date. This increase value should be parameterised with the initial value being 100%. <p><i>If these validations (and any additional validation criteria) are not met, the AQ amendment should be rejected. Must consider if additional rejection reasons are required or existing can be utilised.</i></p>

	<p>2. Change in operation and/or use</p> <ul style="list-style-type: none"> ○ Supporting Information (SI) must be provided by the Registered User in a format to be agreed. The Registered User will need a mechanism to provide the SI upon submission of the AQ amendment. <i>If validations (and any additional validation criteria) are not met, the AQ amendment should be rejected. Must consider if additional rejection reasons are required or existing can be utilised.</i> ● 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%. <i>Must consider if additional rejection reasons are required or existing can be utilised.</i> ● The existing 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. 	
Date Raised	13/12/2022	
Required Response Date	To be discussed at January DWG – 26/01/2023	
Requestor Contact Details	Name:	Ellie Rogers on behalf of UNC Distribution Workgroup (DWG)
	Organisation:	Xoserve
	Email:	Ellie.rogers@xoserve.com
	Number:	01212 292 185
Xoserve Lead Contact (to be provided by the CDSP)	Contact Name:	Ellie Rogers
	Contact Email:	ellie.rogers@xoserve.com

3. ROM Response – To be completed by the CDSP

The ROM response provided is based on a high-level indicative assessment of the impact of the change.

Please note, all the sections within this template should be populated by the CDSP when providing a ROM response.

To find the high-level costs and timescales please go to section 3c which can be found [here](#).

3a. Impacted Constituency

Customer Class(es) Impacted by Change:	<input checked="" type="checkbox"/> Shipper	<input checked="" type="checkbox"/> Distribution Network Operator
	<input type="checkbox"/> NG Transmission	<input checked="" type="checkbox"/> IGT
	<input type="checkbox"/> All	<input type="checkbox"/> Other <Please provide details here>

Justification for Customer Class(es) selection

This change updates the current AQ amendment process which is available for Shippers to utilise in specific scenarios where the AQ for a Supply Meter Point (SMP) is not believed to be accurate.

Based on this, Shippers are detailed as an impacted party.

DNOs and IGTs are also considered impacted parties, as the outcome of the amendments impacts the AQ on SMPs in their network area. Although they are listed as impacted, this is not in a functional process or system capacity.

3b. Overview of impacts

Overview of impacts

High level solution overview

This will result changes in SAP ISU, PO, AMT, BW and DDP systems.

UK Link System Changes

- 1 Create 2 new AQ correction reason codes; [reason codes 6 and 7]. These are to be used for 'Erroneous AQ based on read history' and 'Change in operation and/or use'.
- 2 Validations will be added in the system to make these new reason codes allowable values:
 - a. Specific validations for 'Erroneous AQ based on read history' reason code:
 - i. Validate Confirmation Effective Date is not greater than 12 previous.
 - ii. Validate that Rolling AQ has increased greater than 100% since the Registered User's Confirmation Effective Date. This will consider AQ changes made by any means since the Confirmation Effective Date.
 - iii. Introduce two new rejection codes for these new validations.
 - b. Specific validation for 'Change in operation and/or use' reason code:
 - i. A new field will be added to the AQI – AQ Correction and AQR – AQ Correction Response Hierarchies that will be mandatory if this reason code is selected. This new field will need to be populated to indicate that the submitting party is using this reason code for a legitimate purpose.
 - ii. A new field will also be created in the system so it can be used for reporting purpose if required.
 - iii. The existing Supporting Information field in the AQI File will also be made mandatory if this reason code is selected.
 - iv. Existing rejection code (AQI00007- insufficient supporting information for AQ correction request reason 2) will be considered for this reason code with a modification to the rejection code description.

- c. Specific validation for existing reason codes 1, 2, & 3 as well as the two new reason codes [6 & 7]:
 - i. Validate that the corrected AQ value is not within 5% of the existing AQ value.
 - ii. Introduce a new rejection code for this validation. Any future dated AQ will not be considered as part of this validation.

- 3 System changes will be needed in SAP PO for the newly introduced field in the AQI and AQR hierarchies.
- 4 PARR report will be amended to include the new reason codes.

Data Discovery Platform (DDP)

- 5 DDP data model will need to be updated with the two new AQ correction categories
- 6 An update will be made to the DDP AQ corrections dashboard

Assumptions:

- 1) No change to the existing AQ correction cancellation process for the newly introduced AQ corrections reasons.
- 2) Supporting information will be mandatory for request reason Change in operation / use but the format validation for the provided value will not happen. It is for the Shipper to provide an appropriate value for the field.
- 3) Existing standard validations applied to current reason codes will also be applied for the newly introduced reason codes e.g. checking the Registered User, that the SMP is live etc.
- 4) If U01 segment is provided along with the new reason codes then it will be ignored.
- 5) Other fields in C41 AQI request which are not relevant to the new reason codes will be ignored if provided.
- 6) Where validating if an AQ amendment is requesting a change greater than 5%, the validation will be applied against the live AQ and will not consider future dated Aqs.

UK Link Component Systems	Level of Impact (L/M/H)	File Format (Y/N)	Screens (Y/N)	Reporting (Y/N)	Batch Jobs (Y/N)	Validation (Y/N)	Processes (Y/N)	Other
UK Link Gemini	N/A	N	N	N	N	N	N	<i>If 'Other' is ticked, please provide justification</i>
UK Link System Application (e.g. SAP ISU, BW, PO)	M	Y	N	Y	N	Y	Y	
UK Link Portal	N/A	N	N	N	N	N	N	
UK Link Online Services	N/A	N	N	N	N	N	N	

Contact Management Service (CMS)	N/A	N	N	N	N	N	N	
UK Link Network (Inclusive of IX, EFT and AMT)	N/A	N	N	N	N	N	N	

Additional Systems	Level of Impact (L/M/H)	File Format (Y/N)	Screens (Y/N)	Reporting (Y/N)	Batch Jobs (Y/N)	Validation (Y/N)	Processes (Y/N)	Other
Data Discovery Platform (DDP) Core	L	N	Y	Y	N	Y	N	<i>If 'Other' is ticked, please provide justification</i>
Discovery API	N/A	N	N	N	N	N	N	<i>As above</i>
Gas Enquiry Service (GES)	N/A	N	N	N	N	N	N	

3c. High level costs and timescales

Costs provided within the ROM response are indicative and high level based on high level analysis.

Below details the high-level implementation cost range and provides an indication of any ongoing costs identified from the high-level analysis.

Implementation costs

For an enduring solution, a high-level indicative cost to delivery this change is anticipated to be between £50,000 - £130,0000.

Please note, one of the factors that may impact whether the indicative cost is nearer the top or lower side of the cost range is whether the DDP element is delivered within or outside a pre-set DDP Shipper release. If it is outside of a pre-set DDP Shipper release, this would be a higher cost than within a pre-set release.

To confirm, the UK Link system changes must be delivered within a Major Release.

Ongoing costs

No ongoing costs anticipated at this stage This will be assessed and confirmed in detailed analysis / design phase.

Timescales:

The high-level estimate to develop and deliver this change is approximately 12 - 20 weeks and includes 3 weeks of Post Implementation Support (assuming first usage will be within this period).

Validity of ROM:

Please note, the information provided in the ROM response is an 'at a point in time' assessment which is valid for [6] amount of time.

3d. Release type

Release Type	<input type="checkbox"/> Ad-hoc / Stand-alone	<input type="checkbox"/> Minor
	<input checked="" type="checkbox"/> Major	

Next available Release (based on the Release Type)	ChMC approval to Release scope	ChMC approval of Detailed Design
February 2024	July 2023	August 2023

**Please note, although the dates above relate to February 2024 UK Link Major Release, this does not mean this change will be delivered within this release. The Modification would need to go through the DSC change process which includes Design. Following this, a decision will be made by the DSC ChMC on the delivery prioritisation.*

3e. Impacted Service Area

Impacted Service Area:	<p>Service Area 2 – Monthly AQ Process</p> <p>To confirm this Service Area is 100% Shipper funded.</p> <p>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.</p>
-------------------------------	--

3f. Assumptions

- Any changes in the approach to the solution may affect the overall schedule and costs for the change.
- Costs are high level, based on high level analysis. Detailed analysis will be needed to determine the final solution which will impact both cost and schedule.
- Any costs associated to Market Trials are not included.
- The high-level analysis is based on changes to central systems and does not account for changes to customer systems as a result of any potential work.
- The high-level analysis and costs are based on current production system

4. Version Control

Version	Date:	Author	Status
1.0	20/07/2022	Ellie Rogers	Clean version