High Level Solution Options Change Pack

# Communication Detail

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| Comm Reference: | 3110.1 – VO - PO |
| Comm Title: | XRN5482 - Replacement of reads associated to a meter asset technical details change or update (RGMA) – Solution Review |
| Comm Date: | 14/11/2022 |

**Change Representation**

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| Action Required: | For Representation |
| Close Out Date: | 28/11/2022 |

# Change Detail

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| Xoserve Reference Number:  | XRN5482 |
| \*ChMC Constituency Impacted: | Shipper, All Classes |
| Change Owner:  | James BarlowJames.barlow@xoserve.com |
| Background and Context: | Shippers are required to provide meter technical detail (MTD) updates to the Central Data Service Provider (CDSP), the recognised route for this being Retail Gas Metering Arrangement (RGMA) files, JOB and UPD. The originating source of these MTD updates being the Meter Asset Manager (MAM)/Meter Equipment Manager (MEM), where they have completed an onsite activity (install, exchange or removal) or have found an inconsistency between the MTD they have issued to the Supplier, which is subsequently passed to the Shipper, and those at the site. The supplied MTDs should also include a read, for each metering asset, where there has been a physical action at site and, as such, these are used in downstream settlement processes by the CDSP (for an update (UPD) the read is not mandatory and, if not supplied to the CDSP the CDSP will issue an estimate). The reads provided via the RGMA process, or estimated as a result, cannot currently be replaced within the Supply Point Register.It has been highlighted that the RGMA files provided to Shipper Users may not always include the reads required or, those that are included, may be found to be incorrect. As the population of the source files is, in most cases, data manually obtained and entered, there is scope for human error. It is also noted that the accuracy of a read estimated by the CDSP, as a result of one not being provided within a UPD, is dependent upon the read history at the given Supply Meter Point (SMP) within the Supply Point Register. As stated above, these reads cannot be replaced, even where identified as being incorrect, which can lead to issues in settlement that can only be resolved through the consumption adjustment process which has a high level of manual effort, for both the Shipper User and the CDSP. Where the issue of an incorrect, or inaccurate, RGMA read is identified as a result of a Shipper transfer, this could result in inaccurate final and opening billing, to the end consumer, and a large delay in being able to correct this.This change has been raised to investigate and develop the mechanism for Shipper Users to be able to replace an RGMA related read, actual or estimated, where that read is for a read date within their period of ownership.The Change Proposal can be found [here](https://www.xoserve.com/change/customer-change-register/xrn-5482-replacement-of-reads-associated-to-a-meter-asset-technical-details-change-or-update-rgma/) |

# Solution Options

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| Solution Option Summary: | In order to meet the objective of this change a single solution option has been proposed for review and representation which is defined below. Other solution options were considered but it was found that these options ***would not represent good value for money or were not expected to be in the best interest of the impacted constituencies***. These included:

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| Solution Description | Reason For Discounting |
| **Reuse existing read files and read reason codes** | Changing existing processes to support the new would be extremely complex and dramatically increase the risk of unintended negative impacts to an industry critical process. In turn, delivery timescales would be much longer and therefore delay the realisation of benefits.This option would remove the optionality of the change on customers: i.e. Shippers would have to make changes regardless of whether they wish to utilise the new functionality. |
| **Utilise existing RGMA files** | The main restriction within this option would be the need to amend the associated file format to introduce the required data items to support the read replacement process. As RGMA files are not owned or governed under DSC and are used by multiple parties for various reasons seeking to change them would not be practical. |

**Proposed Solution Option**The proposed solution is to develop and implement a new read submission file pair, inbound from Shipper Users to the CDSP and response from CDSP to Shipper User, that will utilise new Meter Read Reason Codes and will be shared through the existing IX connection. The files, and associated processes, will support the replacement of RGMA reads related to Class 3 and 4 Supply Meter Points (SMPs), Class 1 and 2 SMPs are out of scope of this change.The perceived benefits of a new file pairing are:* Minimised impact to existing processes
* Potential to control specific processing schedule and reduce impact on other processes
* Shipper User changes optional: i.e. aim is for changes to only be required if a Shipper User choose to utilise the RGMA read replacement process

Downstream process changes and testing will be required to ensure that any RGMA replacement reads are utilised correctly as well as mitigating the risk of unintentional impacts to existing functionality. This may include, but not limited to:* Class 3 and 4 reconciliation
	+ This will include initial Check to Check reconciliations
* Class 3 and 4 amendment billing and invoicing
* NDM estimation
* Display of a replaced RGMA meter read in UK Link Portal and the Gas Enquiry Service (GES)
* Existing reporting
* Shipper dashboards within the Data Discovery Platform (DDP)

For reference, attached below are the customer requirements as presented to DSG on 22nd August 2022 and the High Level Solution Option document:[*Customer Requirements*](https://umbraco.xoserve.com/media/jh0jnovp/xrn5482-customer-requirements-catalogue-customer-review.xlsx)[*HLSO*](https://umbraco.xoserve.com/media/rkwiadqq/xrn5482-hlso-v08.pdf) |
| Proposed Implementation Date: | June 2023 (*Approved to scope at Change Management Committee September 2022*) |
| Xoserve preferred option:(including rationale) | Single option proposed delivering the change objective and customer requirements with the aim of minimising impacts to industry stakeholders |
| DSG preferred solution option:(including rationale) | To be presented at DSG on 21st November 2022 |
| Consultation closeout: | 28/11/2022 |

# Service Lines and Funding – for each option

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| Service Line(s) Impacted - New or existing | **DS-CS SA4 – 03** - Maintenance of the Supply Point Register with regards to Meter Information Notification, Meter Information Update Notification, or Retrospective Data Update Notification**DS-CS SA4- 17** - For Class 3 and 4 Supply Meters, the validation of a Meter Reading, a Check Read or an Updated Meter Reading |
| Level of Impact | Major/ Minor/ Unclear/ None |
| Impacts on UK Link Manual/ Data Permissions Matrix  | None |

Industry Response Solution Options Review

«RangeStart:EDS»

**Organisation’s preferred solution option**

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| 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**

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

«RangeEnd:EDS»

Change Management Committee Outcome

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| Change Status: | [x]  Approve | [ ]  Reject | [ ]  Defer |
| Approved Solution Option | Option 1 |
| Industry Consultation: | [x]  10 Working Days | [ ]  15 Working Days |
| [ ]  20 Working Days | [ ]  Other [Specify Here] |
| Date Issued: | 14/11/2022 |
| Comms Ref(s): | 3110.1 - VO - PO |
| Number of Responses: | 0 |
| Solution Voting: | [x]  Shipper | Please select. |
| [ ]  National Grid Transmission | Please select. |
| [x]  Distribution Network Operator | Please select. |
| [ ]  IGT | Please select. |
| Meeting Date: | 07/12/2022 |
| Proposed Release Date: | TBC |

**Version Control**

**Document**

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| --- | --- | --- | --- | --- |
| Version | Status | Date | Author(s) | Remarks |
| 1.0 | Approved | 09/12/2022 | Kate Lancaster | Updated with December ChMC outcome |