



# **UK Link Release 3 Customer Day**

# Introduction and Purpose Day

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- Subsequent to Nexus project and the UK Link implementation in 2017, additional requirements have been agreed with the industry these are organised into a development programme and are applied in scheduled releases.
- Today will provide you a high level overview of the Release 3 changes which are due to go live in November 2018.
- More information can be found on Xoserve.com [here](#).

# Agenda

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## Release 3 Overview session

9.00 - 9.45	Welcome, meet and greet
9.45-10.00	Introduction
10.00-11.15	Overview of Release 3 Changes
11.15 -11.30	Comfort break
11.30-12.30	Market Trials activities
12.30-Onwards	Lunch break
13.00-Onwards	Question and Answer session

# Considerations

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- The session will be WebEx'd (but this should not affect session).
- Can all questions be submitted via the Question cards on the desks prior to lunch
- Individuals on WebEx can also submit questions via Chat functionality.
- Today's session surrounds Release 3 Track 1.
- Changes have been grouped together and impact various processes at various points. The higher impacting changes are delivered through a process led approach.
- Some changes are delivered via an education document which provides an overview of change.

# List of all Changes

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- XRN3656 & 4658 Read Validation Tolerance
- XRN4495 Energy Tolerance Rejection Code
- XRN4431 Reads Failed Market Breaker Tolerance
- XRN4481 Resolution of Penny Mismatches
- XRN4458 Class 4 CSEPS Recon. Variance ID
- XRN4534 Amendment to RGMA Rules for MTR Install Date
- XRN4453 File Format Should have Changes
- XRN4443 File Format Changes Aug 16 Unique Sites (deferred items from CR252)
- XRN4539 New File Level Rejection
- XRN4273 Installed Status of Failed MOD614
- XRN4337 To change the optionality of the Supply Point confirmation reference for the T51 file
- XRN4486 Meter Type O = Orifice to be an acceptable value in file formats and reports
- XRN4538 Insertion of Maximum Number of Occurrences in MID



# Read Submission and Validation

The following changes fall within the reads submission and validation process.

- XRN3656 Read Validation Tolerance
- XRN4658 Read Validation Tolerance
- XRN4495 Energy Tolerance Rejection Code
- XRN4431 Reads Failed Market Breaker Tolerance

# Read Submission process

High level overview.

Read  
Submitted

- Reads submitted by Shipper or DMSP
- Read submission varies by class

Read  
Validated

- File format validated in numerous ways
- Read now validated based on energy history

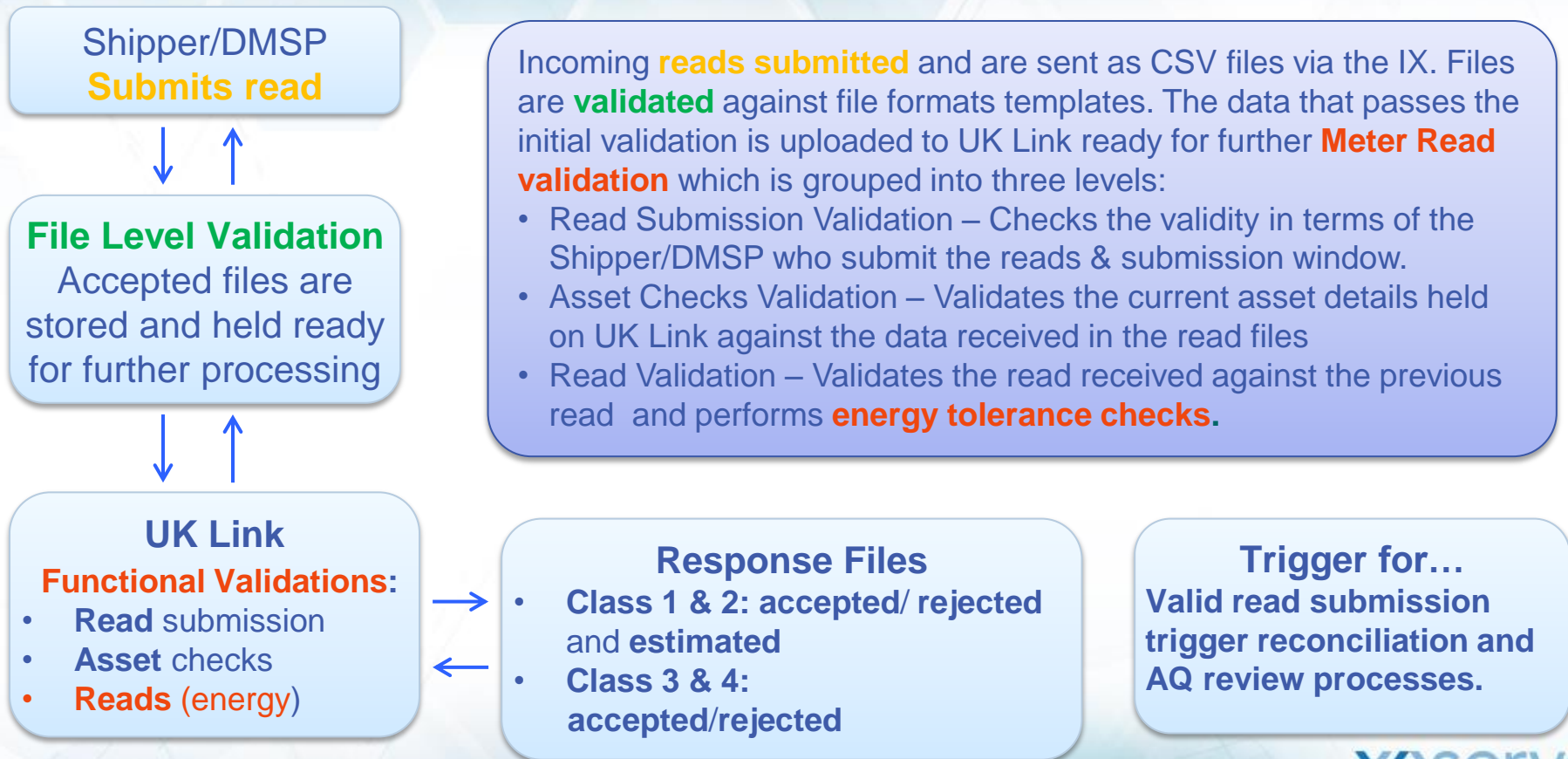
AQ process  
triggered

- Revised AQ process could be triggered based on provision of new read

Reconciliation  
triggered

- Reconciliation process could be triggered based on provision of new read

# File Format Process Flow





# Read Submission

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**Class 1** meter points: meter reads are provided by DMSP on a DLC file. Reads will normally be received daily on and for the relevant gas flow day (GFD)

**Class 2** meter points: meter reads are provided by Shipper in Unbundled Daily Read (UDR) files on a daily basis Reads are normally received daily although on GFD+1

**Class 3** meter points: meter reads are provided by Shipper through Unbundled Batch Read (UBR) files these are Daily Reads but are sent in batches

**Class 4** meter points: The Shipper provides meter reads through Unbundled Meter Read (UMR) files. The UMR files are received daily although the read frequency for individual supply meter points can be monthly, half yearly or yearly.

**For all classes** reads can also be obtained

- Via the RGMA process on the ONJOB and ONUPD files
- Through the site visit process (SFN file for class 3&4 and Portal for class 1&2)
- Though the AQ correction process **XRN4431 (see slide 17 for more detail)**

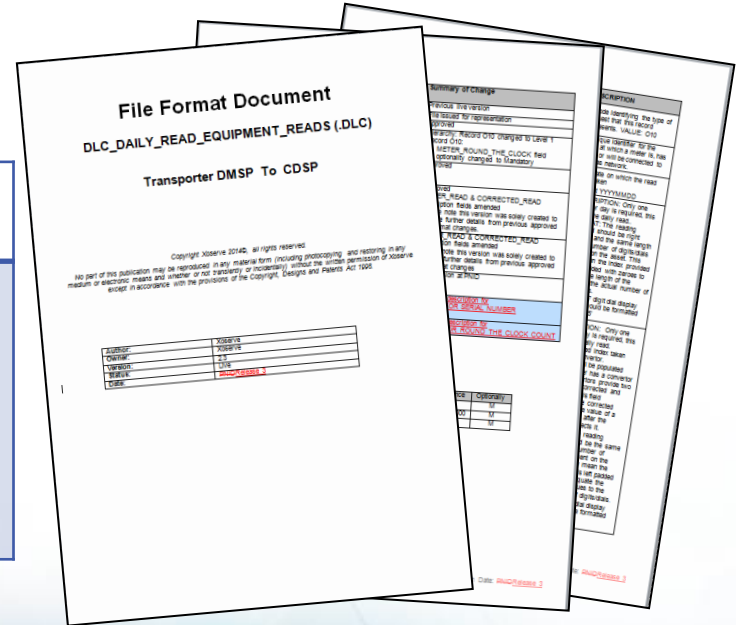
# File level Validation

As the files are subject to file level validation. Any discrepancies in the file formats will result in a rejection. The originator will need to correct the error and resend the file.

To help reduce the number of rejections File formats are available on Xoserve.com

Ensure all fields are completed using the key below.

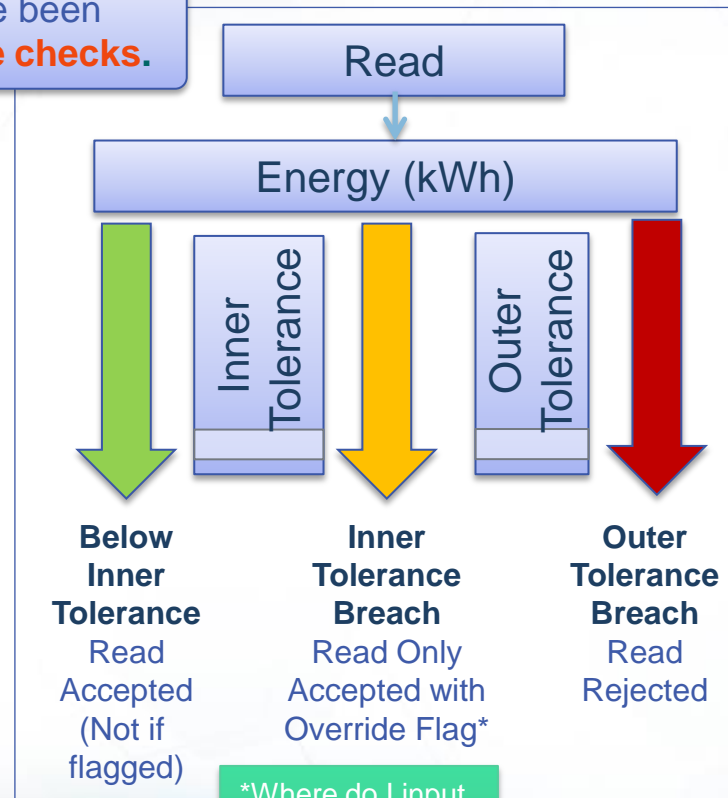
RECORD/FIELD_NAME	OPT	DOM	LNG	DEC	DESCRIPTION
<b>Name will only occur once in file format</b>	Optional/Mandatory (O - Optional, M - Mandatory)	Domain (T - text All text fields will be enclosed in double quotes (""), N - Numeric, D - Date (YYYYMMDD), M - Timestamp)	Number of characters	Number of decimal places	<b>Gives more information about the field</b>



# Read Validation: Energy Tolerance check

Once the Read Submission Validation and Asset Checks have been successfully passed UK Link then performs **energy tolerance checks**.

- The system calculates the energy and then checks the energy against permitted tolerance for the AQ band.
- Where the energy falls below the inner tolerance level, the read is accepted.
- If the inner tolerance is exceeded but below the outer tolerance (market breaker), the Shipper can override the breach using the override flag and the read will be accepted.
- To prevent bulk override where the override Flag is set, but the energy has not breached the inner tolerance, then the read is rejected.
- If the outer tolerance is breached, then the read is always rejected.



# Inputting Tolerance Flag on Read File formats

File formats can be found on Xoserve.com on the link attached.

The field relating to the tolerance flag is shown on the various read file formats as -

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
TOLERANCE_OVERRIDE_FLAG	O	T	1	0	Energy tolerance check override flag VALUE: Blank or Y – Confirmed by the User that the read is correct and should be accepted

## Key

OPT - Optional/Mandatory (O – *Optional as blank is allowable*)

DOM - Domain (T – *tex*)

LNG - Number of characters = 1

DEC - Number of decimal places = 0

The description states tolerance override flag currently has two allowable values only: Blank and Y. Y is confirming that that the read is higher than the lower tolerance but is correct.

**XRN4495 - Energy Tolerance Rejection Code** – This change does not change the way the flag is added, only that it was identified that there were instances where the value of N has been provided in this field and this had been accepted and issued in the transfer read notification files.

This change will ensure that any incoming read requests received (from Shippers and DMSPs) with a Tolerance Override Flag value other than 'Y' or blank will be rejected with new rejection codes.

- MRE01038 – 'Non allowable value in Tolerance Override Flag' will be used for Shippers.
- TOL00009- 'Non allowable value in Tolerance Override Flag' will be used for DMSPs.

# Current Tolerances for Class 3&4 Meter Points

The following table details the validation bands that will be applied for each of the AQ Bands for Class 3 &4 sites.

Lower AQ Band	Upper AQ Band	Read Accepted without Tolerance flag	Read Accepted with Tolerance flag	Read Rejected
0	1	0% - 2000000% of AQ	> 2000000% - 7000000% of AQ	> 7000000% of AQ
2	200	0% - 10000% of AQ	> 10000% - 25000% of AQ	> 25000% of AQ
201	500	0% - 4000% of AQ	> 4000% - 10000% of AQ	> 10000% of AQ
501	1000	0% - 2000% of AQ	> 2000% - 5000% of AQ	> 5000% of AQ
1001	5000	0% - 400% of AQ	> 400% - 2000% of AQ	> 2000% of AQ
5001	10000	0% - 200% of AQ	> 200% - 500% of AQ	> 500% of AQ
10001	20000	0% - 150% of AQ	> 150% - 400% of AQ	> 400% of AQ
20001	73200	0% - 300% of AQ	> 300% - 600% of AQ	> 600% of AQ
73201	732000	0% - 250% of AQ	> 250% - 550% of AQ	> 550% of AQ
732001	2196000	0% - 200% of AQ	> 200% - 500% of AQ	> 500% of AQ
2196001	29300000	0% - 150% of AQ	> 150% - 450% of AQ	> 450% of AQ
29300001	58600000	0% - 100% of AQ	> 100% - 400% of AQ	> 400% of AQ
58600001	99999999999999	0% - 100% of AQ	> 100% - 350% of AQ	> 350% of AQ

# Current Tolerances for Class 1 & 2 Meter Points

The following table details the validation bands that will be applied for each of the SOQ Bands for Class 1 & 2 sites.

Lower AQ Band	Upper AQ Band	Read Accepted without Tolerance flag	Read Accepted with Tolerance flag	Read Rejected
0	1	0% - 2000000% of SOQ	> 2000000% - 7000000% of SOQ	> 7000000% of SOQ
2	200	0% - 10000% of SOQ	> 10000% - 25000% of SOQ	> 25000% of SOQ
201	500	0% - 4000% of SOQ	> 4000% - 10000% of SOQ	> 10000% of SOQ
501	1000	0% - 2000% of SOQ	> 2000% - 5000% of SOQ	> 5000% of SOQ
1001	5000	0% - 400% of SOQ	> 400% - 2000% of SOQ	> 2000% of SOQ
5001	10000	0% - 200% of SOQ	> 200% - 500% of SOQ	> 500% of SOQ
10001	20000	0% - 150% of SOQ	> 150% - 400% of SOQ	> 400% of SOQ
20001	73200	0% - 300% of SOQ	> 300% - 600% of SOQ	> 600% of SOQ
73201	732000	0% - 250% of SOQ	> 250% - 550% of SOQ	> 550% of SOQ
732001	2196000	0% - 200% of SOQ	> 200% - 500% of SOQ	> 500% of SOQ
2196001	29300000	0% - 150% of SOQ	> 150% - 450% of SOQ	> 450% of SOQ
29300001	58600000	0% - 100% of SOQ	> 100% - 400% of SOQ	> 400% of SOQ
58600001	99999999999999	0% - 100% of SOQ	> 100% - 350% of SOQ	> 350% of SOQ



# New Tolerances for Class 3 & 4 Meter Points only

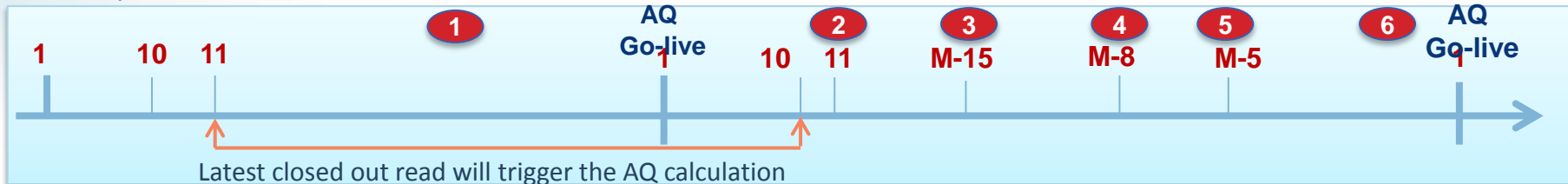
- XRN3656 & XRN4658 Read Validation Tolerance changes** will introduce an amendment to the current meter read tolerance bands that are used to validate incoming readings. **XRN3656** The current validation band of 2kWh-200kWh will be split into two new bands of 2kWh-100kWh and 101kWh-200kWh with new tolerance values associated to them with a wider tolerance on the lower level of the two bands. **XRN4658** increases outer tolerance of certain AQ bands.
- The following table details the new validation bands that will be applied for each of the AQ Band:

Lower AQ Band	Upper AQ Band	Read Accepted without Tolerance flag	Read Accepted with Tolerance flag	Read Rejected
0	1	0% - 2000000% of AQ	> 2000000% - 7000000% of AQ	> 7000000% of AQ
<b>2</b>	<b>100</b>	<b>0% - 20000% of AQ</b>	<b>&gt; 20000% - 45000% of AQ</b>	<b>&gt; 45000% of AQ</b>
<b>101</b>	<b>200</b>	<b>0% - 10000% of AQ</b>	<b>&gt; 10000% - 25000% of AQ</b>	<b>&gt; 25000% of AQ</b>
201	500	0% - 4000% of AQ	> 4000% - <b>55000% of AQ</b>	<b>&gt; 55000% of AQ</b>
501	1000	0% - 2000% of AQ	> 2000% - <b>25000% of AQ</b>	<b>&gt; 25000% of AQ</b>
1001	5000	0% - 400% of AQ	> 400% - <b>7000% of AQ</b>	<b>&gt; 7000% of AQ</b>
5001	10000	0% - 200% of AQ	> 200% - <b>2000% of AQ</b>	<b>&gt; 2000% of AQ</b>
10001	20000	0% - 150% of AQ	> 150% - <b>1100% of AQ</b>	<b>&gt; 1100% of AQ</b>
20001	73200	0% - 300% of AQ	> 300% - <b>1100% of AQ</b>	<b>&gt; 1100% of AQ</b>
73201	732000	0% - 250% of AQ	> 250% - <b>1000% of AQ</b>	<b>&gt; 1000% of AQ</b>
732001	2196000	0% - 200% of AQ	> 200% - <b>1000% of AQ</b>	<b>&gt; 1000% of AQ</b>
2196001	29300000	0% - 150% of AQ	> 150% - <b>700% of AQ</b>	<b>&gt; 700% of AQ</b>
29300001	58600000	0% - 100% of AQ	> 100% - 400% of AQ	> 400% of AQ
58600001	99999999999999	0% - 100% of AQ	> 100% - 350% of AQ	> 350% of AQ

# How do reads affect AQ?

Firstly what is AQ? The Annual Quantity measured in kWh is the energy a site is expected to use in 1 year. AQ influences a number of processes, but for the validation of meter readings, the AQ will determine which Lower and Upper AQ tolerance band a reading will be validated against.

When a valid read is accepted, the AQ calculation is triggered (this may not result in a change in the AQ value). The timeline for this process is detailed below.



- 1 Any valid read received on or before 10<sup>th</sup> of the month will flag that the AQ calculation is required
- 2 On 11<sup>th</sup> of the month, the **AQ calculation executes**. The calculation considers initial reads for either;
  - 365 days (optimum period) but no older than backstop date.
  - A minimum of 9 months is required in order to calculate.
- 3 At **M-15 AQ Correction Closeout** window. AQ corrections received after this period will be applied the following month
- 4 At **M-8 AQ Correction Cancellation Closeout**. AQ correction can be cancelled up to this point. After this date, the system will apply the AQ correction.
- 5 At **M-5 Notification (NRL)** sent to shippers of AQ revision or failed AQ revision (e.g. insufficient data)
- 6 **Revised AQ goes live**. The backstop date is updated when the AQ is corrected. Therefore AQ cannot be corrected for a further 9 months

There is more information on AQ contained within the Xoserve Information Library [here](#).



# AQ Correction process

As mentioned in the previous slide there is an AQ correction process which is outlined below.

## AQ correction using the AQI File

- Registered or Proposing Shipper can request a change in AQ via the AQ Correction Process.
- Accepted AQ value will be changed with effect from the first of the month following the request being accepted. The User will be notified of the AQ change via the NRL File at M-5.
  - AQ Correction request goes live on the 1<sup>st</sup> of next month. The **AQ Correction Closeout** window will be **M-15** of the current month. AQ corrections received after this period will be applied the following month.
  - **M-8 AQ Correction Cancellation Closeout.** AQ correction can be cancelled up to this point. After this date, the system will apply the AQ correction. If the AQ Correction cancellation request is received after the close out period, the request will be rejected
- A backstop date is applied when the AQ is corrected. Therefore AQ cannot be corrected for a further 9 months.

The industry requires meter reads that accompany the AQ correction to be validated using the corrected AQ, and where successful, loaded and used in the downstream processes, therefore **XRN4431 Acceptance of reads failing Market Breaker Tolerance following AQ Correction** facilitates this to change by including the U01 in the hierarchy and the read is validated against the *requested* AQ.

# How do reads affect reconciliation?

Reconciliation relies on actual meter reads being submitted; readings can be received for a variety of reasons including:

- Class 1 & 2 - actual read received following a period of estimates. Where the estimated reads are outside close out (D+5)
- Class 3 batch of actual reads
- Class 4 actual reads received dependent on read frequency
- RGMA Activity
- Annual check reads
- Class 3 & 4 estimated shipper transfer & class change readings

Reads that follow the above scenarios on each site will trigger reconciliation . At a high level UK Link looks at the current read received and then back to the previous read. It then calculates any difference in energy between what was allocated and invoiced via the commodity invoice and what has actually been used. This difference is charged on the Amendments invoice and can have a positive or negative value.

For more information on the Amendments Invoice please refer to  
<https://www.xoserve.com/wp-content/uploads/AmendmentsInvoice.pdf>



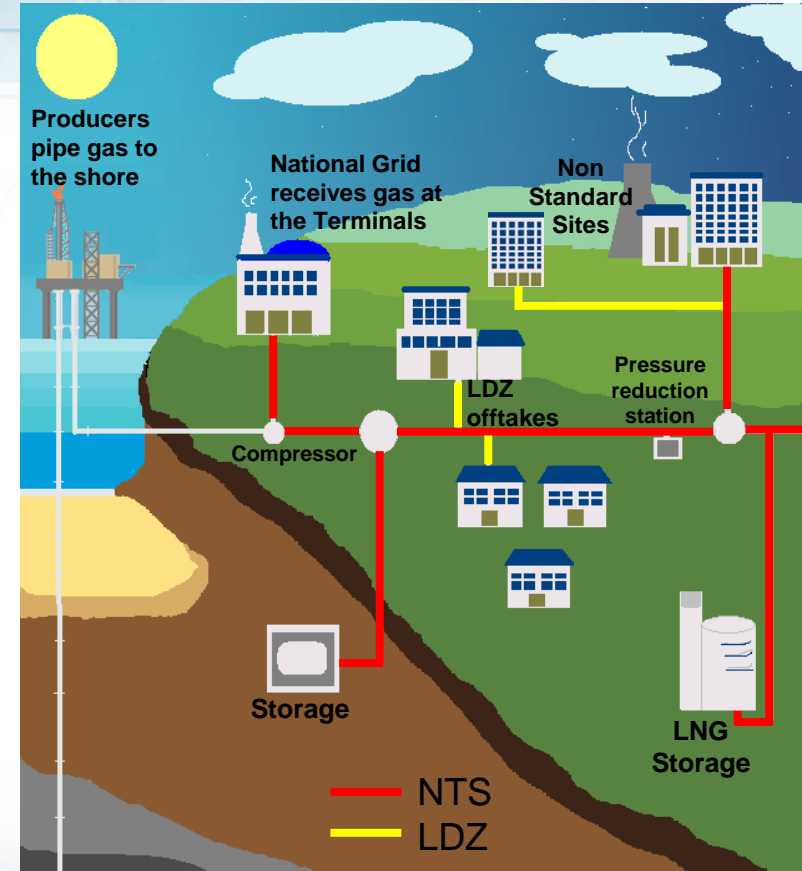
# Invoicing

The following changes directly affect the invoicing outputs.

- XRN4481 Resolution of Penny Mismatches
- XRN4458 Class 4 CSEPS Recon. Variance ID

# Introduction to Invoicing Infrastructure Map

- The map summarises (at a very high level) the UK gas transportation infrastructure
- The primary users of the National Transmission System (NTS) are Shippers transporting gas from terminals to the Local Distribution Networks (LDZs) in order to provide suppliers and end consumers with gas
- There are a number of NTS connections which offtake gas directly from the NTS, these are typically large Daily Metered (DM) sites
- Use of the NTS and LDZ is not free and charges are applied for different sections of the network, all of which have multiple dependencies



# Introduction to Invoicing

## Infrastructure Map CSEPs

There are a number of Networks off the LDZ that supply gas to developments such as housing estates. These networks are owned and operated by Independent Gas Transporters (iGTs) and are known as a Connected System Exit Point (CSEP)s

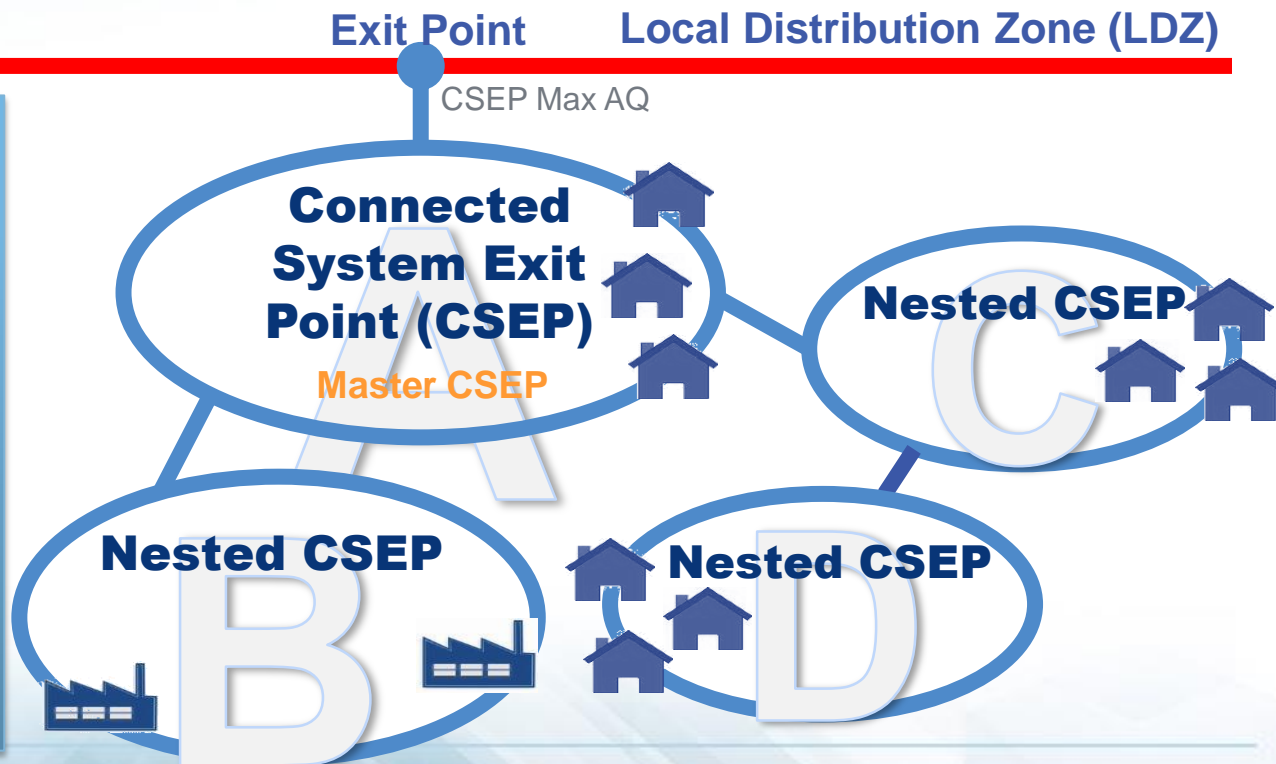
### CSEP Principles

Each CSEP will have a unique CSEP ID

A CSEP will have a downstream connection to one or more Supply Meter Points (SMPs)

Additional iGT networks can be connected to another CSEP, these are known as Nested CSEPs whilst the CSEP at the top of the chain is the Master CSEP. The Exit point is based on Master CSEP not the SMP postcode.

The CSEP Max AQ and MAX SOQ for the CSEPs derives all LDZ. Transportation rates for all linked SMPs within the CSEP projects.



# XRN4458 CSEPs Reconciliation Variance Implementation

Where there is a CSEP update which impacts the CSEP Max AQ and/ or the Max SOQ, primary invoicing process needs to recognise this time slice period for all associated meter points for the CSEP project for the appropriate rates.

- While performing meter read reconciliation or adjustments during a period for all IGT sites linked to a project, the system has to see if there is a change in either the Max AQ or Max SOQ for the concerned CSEP during the billing period. If there is a change, all rec adjustments billing and support information will work correctly and consider correct time slices and applicable rates for charging on primary and amendment invoices.

This change will create a variance period for each meter point where there has been a change to the directly connected CSEP Max AQ value. Which in turn changes the rates applied to each associated meter point.

This will result in new variance code being created and issued in the ASP and AML files. The AML File format is shown below.

VARIANCE_REASON_CODE					reconciliation period
	O	T	3	0	DEFINITION: A code identifying the reason a reconciliation variance was created.

Variance Code	Description
MRR/OR G	Meter Read Received / Change of organisation
BLS	Line in Sand
RBD	Rec By Difference
AQ	AQ Change
CAQ	CSEP Max AQ/SOQ Change
CCH	Class Change
MRF	Meter Read Frequency
EXZ	Exit Zone Change
MSC	Market Sector Change
PRC	Price Change
UGR	Monthly Variance

# Introduction to Invoicing

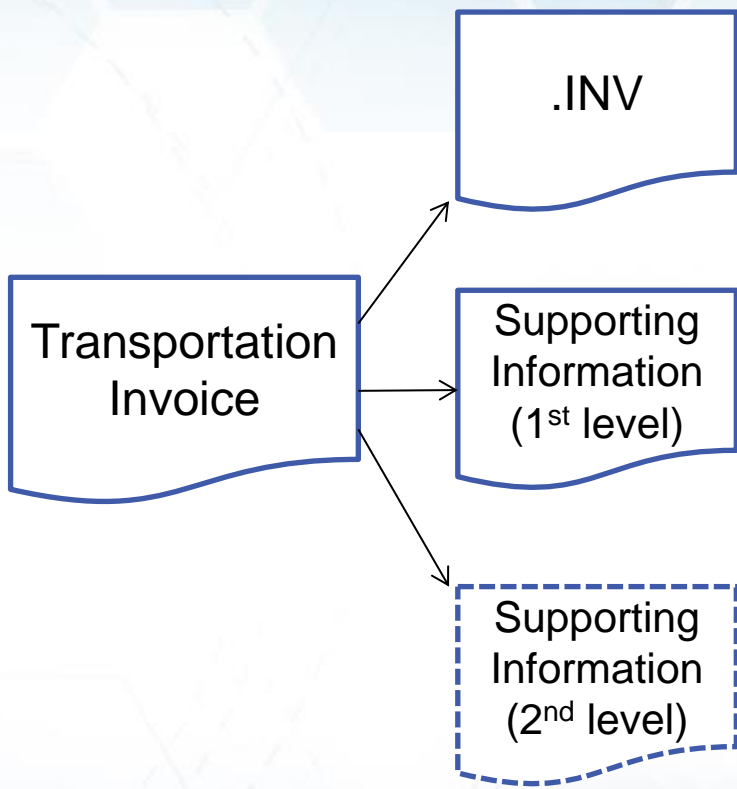
## Invoice File Overview

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- Invoices are issued to Shippers as electronic files over the IX network. The files are formatted as comma separated values (CSV) using industry agreed formats.
- Additional files containing lower level detail are also provided to support the invoices. These are known as supporting information files.
- Each invoice and supporting information file follows an agreed file hierarchy, with specific file records which align to an agreed file format.
- The Xoserve Comprehensive Invoices and Charge Types [document](#) defines which Supporting Information files are available against each Invoice Type.
- The following section outlines the invoice and supporting information files in further detail.



## File Format Principles – Transportation Invoices



- The invoice file contains charge types and charge values
- Generic Invoice file .INV for all invoice types
- Supporting Information file accompanying the .INV
- Charge information at SMP level for Class 1 & 2 sites
- Charge information for Class 3 & 4 sites at aggregated level (Core invoices only)
- Only applicable to Core invoices
- Additional Supporting Information providing charge information at SMP level for Class 3 & 4 sites

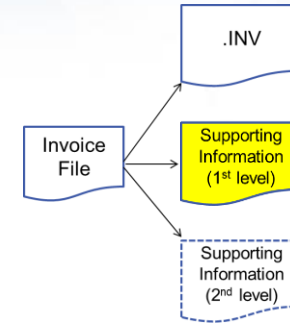


# File Format Principles – Transportation Invoices

## Supporting Information Files

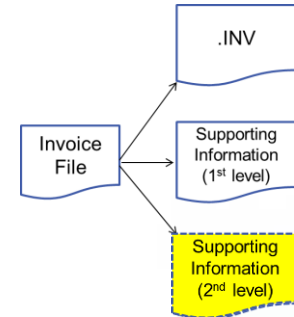
### Thin Files are the 1<sup>st</sup> level of Supporting Information

- Mandatory to accompany Core Invoices (CAZ, COM and AMS)
- Sent with some Ancillary Invoices
- Automatically sent in a separate file and on same day as the .INV
- Delivered via the IX



### Thick Files are the 2<sup>nd</sup> level of Supporting Information

- Not mandatory and only available for Core Invoices (CAZ, COM and AMS)
- Thick Files are delivered via the IX at a later date following invoice generation within agreed timescales
- Available on Shipper request by completing the [Request for Additional Supporting Information Template](#) and files will be sent for future dates. Please note, retrospective requests for data is not available as standard.
- Exceptional request may be discussed with the Xoserve Commercial Team via [commercial.enquiries@xoserve.com](mailto:commercial.enquiries@xoserve.com) (please include exact details of information required)



# File Format Principles – Transportation Invoices

## Supporting Information Level 1 and 2

The table maps the Supporting Information level 1 and level 2 to the core Transportation Invoices

Core Invoice	Invoice	Supporting Information 1 <sup>st</sup> Level	Supporting Information 2 <sup>nd</sup> Level
COM	Commodity	COM	COI
CAZ	Capacity	ZCS	CZI
AMS	Amendment	ASP	AML

For information the aggregation rules are imbedded below.



Aggregation  
Rules

# File Format Principles – Transportation Invoices

## Supporting Information Level 1 and 2

For **XRN4481 Resolution of Penny Mismatches**. The table denotes the changes made to file formats which can be views on the link.

This only impacts the Capacity and Commodity supporting information.

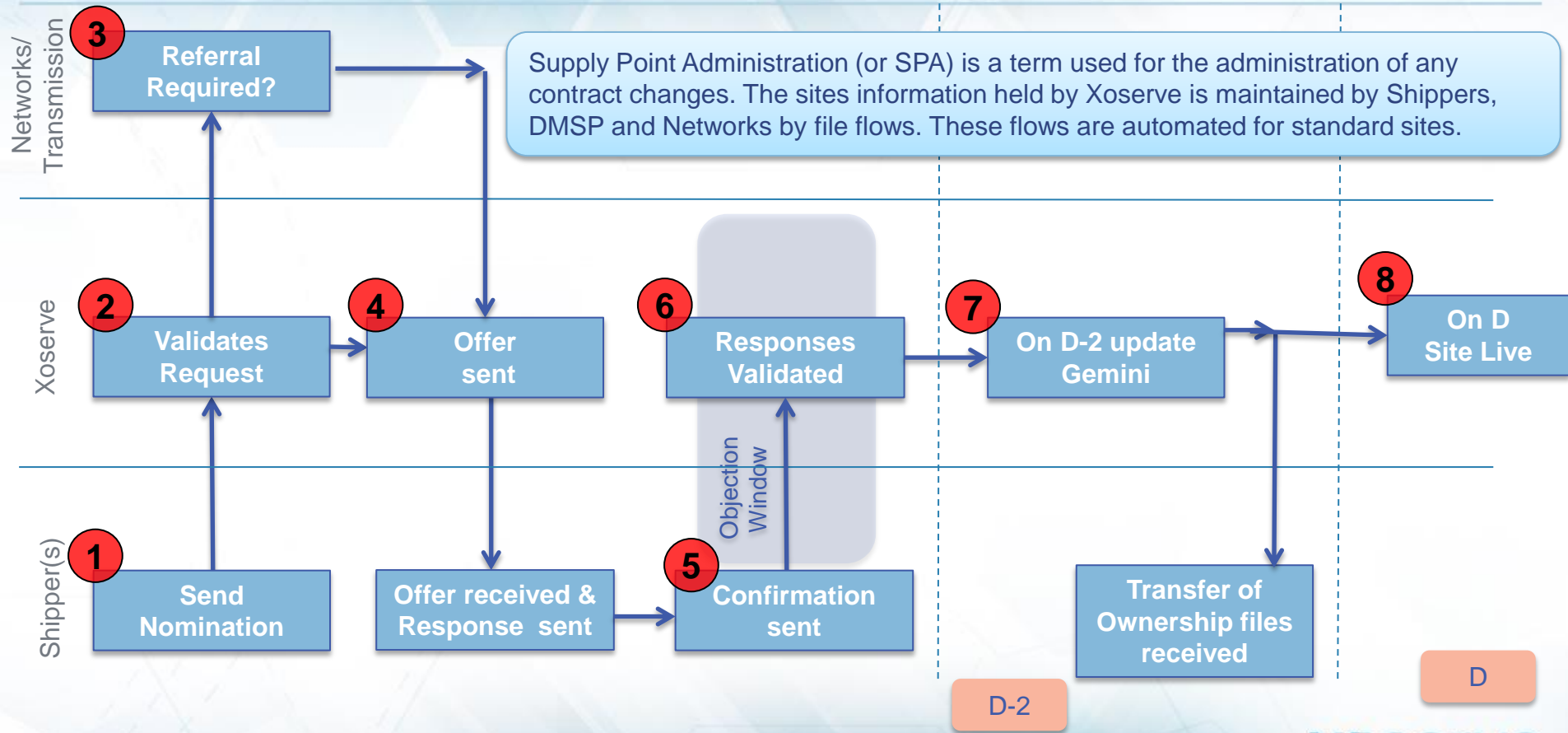
File Ext	Rec Type	Field Name	Type of Change
ZCS	K81	CLASS_TYPE	New Field
ZCS	K81	MRF_TYPE_CODE	New Field
ZCS	K80	MRF_TYPE_CODE	Field Name Change
CZI	K47	CLASS_TYPE	New Field
CZI	K47	BILLABLE_MRF_TYPE_CODE	New Field
CZI	K47	MRF_TYPE_CODE	Description Change
COM	K79	SMP_EXIT_ZONE	New Field
COM	K79	CLASS_TYPE	New Field
COI	K44	SMP_EXIT_ZONE	New Field
COI	K44	CLASS_TYPE	New Field
COI	K43	CLASS_TYPE	Description Change
CZI	K43	CLASS_TYPE	Description Change



# **Supply Point Administration (SPA) Process**

XRN4534 Amendment to RGMA Rules for Asset Install Date. This change applies to validation rules surrounding the RGMA and SPA processes. The pack provides a high level overview of these processes before introducing the change.

# Nomination & Confirmation Process



# Nomination & Confirmation Process

- 1 Nominations required for sites that have AQ above 73,200 kwh. Confirmation Only Process for sites that have AQ less than 73,200 kwh.
- 2 On receipt of a file of any format, Xoserve will undertake validations with all details to ensure that the request is valid and all fields have been completed correctly.
  - Once the validations are complete a response file is sent via file format to confirm whether the request has been successful, rejected (with reasons) or has been referred.

All files are subject to validation. If any file sent is rejected then the originator will need to ensure that the reason is mitigated and resent if applicable (see final slide for list of reasons)

# Nomination & Confirmation Process

- 3 There are circumstances where permission needs to be granted by the Network (DN or IGT), termed a referral. The referral is automatically generated by UK Link when required.
  - The referral is accepted, rejected or amended by the Network in the Xoserve Services Portal. The Network Responses are automatically issued to the relevant parties by the system.
- 4 If there is no referral or nomination has been accepted UKLink calculates the relevant transportation charges and issues an offer automatically and once the offer has been posted, shipper may confirm the offer.
- 5 The Shipper will send in Confirmation requests to accept the terms quoted in the offer. For a small supply point (SSP with AQ less than 73,200kwh) this is where the process starts(confirmation Only Process) .



# Nomination & Confirmation Process

- 6 UKLink validates all incoming files to ensure the request is valid and all fields have been supplied correctly.
  - UKLink automatically sends flows to all relevant customers and the objection window will open (if applicable\*). The objection window will close on the confirmation date -2 business days or the file submission date +7 business days (whichever comes first)
  - \*As an objection is not applicable for greenfield/ brownfield sites, reconfirmation request from same shipper or where a shipper has posted a withdrawal request the effective date can be as little as 5 business days.
- 7 At D-2 date Gemini is updated & files to confirm transfer of ownership are sent to all relevant stakeholders.
- 8 The site is live in UKLink on the Confirmation Effective Date (D)



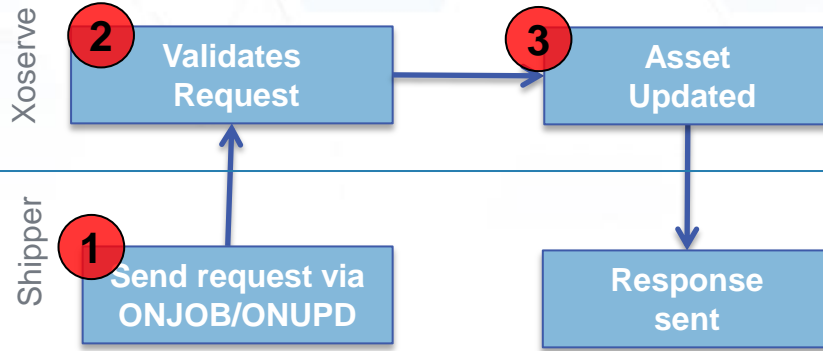


## **RGMA (Asset/Device Updates)**

# Overview of RGMA Process

An ONJOB is a notification of any asset installation, removal and exchange.

An ONUPD is a update to the asset detail.



**1** Files are used by the Shipper for all RGMA activity and are flowed to Xoserve

**2** Validations are performed i.e. mandatory fields filled in, correct data used and rejects sent accordingly

**3** The details are updated and the files flowed back to the Shipper

Once the confirmation has progressed to a Live status, the Registered User cannot record the actual asset installation date if it pre-dates the confirmation effective date.

## **XRN4534 Amendment to RGMA Validation Rules for Meter Asset Installation Date**

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Under current RGMA validation rules, a registered user is unable to install an asset to a Supply Meter Point prior to their confirmation effective date once the confirmation status becomes Live. This change is to enable the registered user to record an accurate asset installation date for a first registration or a registration following a shipper-less and isolated period.

This will allow the Registered User to correctly record the asset installation details for the correct date, the validation rule within UK Link will be amended for both the ONJOB and ONUPD files:

*On first registration or a registration following an isolated and shipper-less period the Registered User with a Live confirmation status can record the asset installation for a date prior to their confirmation effective date where there is no other Registered User on or after the asset installation date.*

Validations are already in place for ONJOB and ONUPD files at RQ and CO stages of the confirmation period and these will remain unchanged

## Additional Changes

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As the following changes either span multiple processes or have minimal impact these are highlighted in the following slides only.

- XRN4453 File Format Should have Changes
- XRN4443 File Format Changes Aug 16 Unique Sites (deferred items from CR252)
- XRN4539 New File Level Rejection
- XRN4273 Installed Status of Failed MOD614
- XRN4337 To change the optionality of the Supply Point confirmation reference for the T51 file
- XRN4486 Meter Type O = Orifice to be an acceptable value in file formats and reports
- XRN4538 Insertion of Maximum Number of Occurrences in MID

# XRN4538 Insertion of Maximum Number of Occurrences in Meter Inspection Date Notice (MID) File

Current Approved MID file did not have any maximum record occurrence defined for N44 Segment. This change is to limit the occurrences of the N44 within the MID file to 15000

As part of this Change the hierarchy document has also been updated to reflect the correct direction of file' to 'System User to CDSP'.

Below table shows updated hierarchy.

	TITLE OF FILE FORMAT/RECORD	METER INSPCTN DATE NOTICE (.MID)	
	DIRECTION OF FILE	SYSTEM USER TO CDSP	
Level	Record Name	Occurrence	Optionality
1	HD_A00_STANDARD_HEADER	1	M
1	RT_N44_METER_INSPECTION_DATE	Up to 15000	M
1	TR_Z99_STANDARD_TRAILER	1	M

# XRN4486 Allowing Meter Type O (Orifice) in File Formats and Reports

A number of non-standard sites currently have a meter type of Orifice (O) associated to the installed meter, while this is a valid meter type, this is not a recognisable meter type in the current file and report formats.

This change is to add a new allowable meter type value of “O” (Orifice) into all relevant inbound and outbound file and report formats to enable this to be correctly recorded in UK Link. This requires the new value to be added into the format documents listed below.

File	Parent Record	Record	Data Attribute
ONUPD	N/A	METER	A0025
NRF / NMR / CRS / SNR / CFR	K12_MAM_GAO_DETAIL,	K14	METER_TYPE
NRF / NMR / CRS / SNR / CFR / TRF / TRS	S75_METER_POINT_DETAILS	U75	METER_TYPE
TNI	N/A	U75	METER_TYPE
IDL / IQL / IIL	B43_SUPPLY_METER_POINT_UPDATE_TO_IGT	B44	METER_TYPE
EDL / EQL	N/A	B37	METER_TYPE
EWS	N/A	E25	METER_TYPE
TAP	AI_O_TRANSCO_ASSET_PORTFOLIO	P17	METER_TYPE
PPN	AI_O_PERIODIC_PORTFOLIO_NOFTN	G40	METER_TYPE
CDN	AI_I_CONNN_DISCONNN_NOTIFICATION	M79	NEW_METER_TYPE
CDN	AI_I_CONNN_DISCONNN_NOTIFICATION	M82	NEW_METER_TYPE
CDR	AI_O_CONNN_DISCONNN_RESPONSE	M81	NEW_METER_TYPE
CDR	AI_O_CONNN_DISCONNN_RESPONSE	M84	NEW_METER_TYPE
CDR	AI_O_CONNN_DISCONNN_RESPONSE	M80	NEW_METER_TYPE
CDR	AI_O_CONNN_DISCONNN_RESPONSE	M83	NEW_METER_TYPE
CDJOB	ASSET	METER	A0025

Current workaround is in place that where O should be populated for the meter type, Z (unknown) is being populated instead. This workaround will cease on go live

# XRN4273 Introducing IHD (In-Home Display) Installed Status of Failed

The change is to include the allowable value of 'F' where the IHD status needs to be demonstrated as 'failed' so that Suppliers are able to capture when it has not been possible to provide an IHD to the customer as part of the smart metering installation visit.

This requires the new value to be added into the format documents listed below.

File	Parent Record	Record	Data Attribute
ONJOB	N/A	ASSET	A0037 - ASSET STATUS CODE
ONUPD	N/A	ASSET	A0037 - ASSET STATUS CODE
CRS	S75_METER_POINT_DETAILS	S98_SMART_DATA	IHD_INSTALL_STATUS
CFR	S77_WITHDRAWAL_SMP_DETAILS	S98_SMART_DATA	IHD_INSTALL_STATUS
MRI	U06_Meter_Read	S98_SMART_DATA	IHD_INSTALL_STATUS
	Instructions, N90_ASSET_DETAILS		
NMR	S75_METER_POINT_DETAILS	S98_SMART_DATA	IHD_INSTALL_STATUS
NRF	S75_METER_POINT_DETAILS	S98_SMART_DATA	IHD_INSTALL_STATUS
PAC	U06_Meter_Read	S98_SMART_DATA	IHD_INSTALL_STATUS
	Instructions, N90_ASSET_DETAILS		
SNR	S75_METER_POINT_DETAILS	S98_SMART_DATA	IHD_INSTALL_STATUS
TRF	S75_METER_POINT_DETAILS	S98_SMART_DATA	IHD_INSTALL_STATUS
TRS	S75_METER_POINT_DETAILS	S98_SMART_DATA	IHD_INSTALL_STATUS



## XRN4337 To change the optionality of the Supply Point confirmation reference for T51 file

This change is to amend the optionality of the supply point confirmation reference number from mandatory to optional within the T51 record which is issued to shippers in the NRL file, this will enable the record to be sent to an incoming shipper (where their confirmation status is CO\*) notifying them of a Winter Consumption calculation failure

The T51 (WC CALC FAILURE) record informs Shippers where the proposed Winter consumption value has failed to calculate.



T51

This is a notification only and if nothing is done the Supply Meter Point will be allocated into the bucket band of the End User Category (EUC).

\*Where an MPRN is at a status of CO there is no supply point reference confirmation number when the record is produced



# XRN4453 File Format should have changes

A number of file format, records and hierarchies were identified requiring amendment by Market participants during Market Trials. It was agreed for the changes to be deferred until Release 3 for these changes to be implemented. These amendments included

- The changes to file formats are categorised as follows:
- Description Changes
- Optionality Changes
- Adding/Removal of fields
- Consistency issues with other files
- Field length changes
- Field name changes
- Typos/corrections
- Clarity issues
- Number of Occurrences

Please be advised some of the files impacted by this change are also impacted by XRN4481. These have all been incorporated within the file for the same version number.

All the amended interface documents can be found within SharePoint via the following [link](#) under UK Link interface documents, Awaiting Implementation, Release 3 ).

# XRN4443 File Format Changes Aug 16 Unique Sites (deferred items from CR252)

This change has two elements relating to unique sites – Now referred to as Non-Standard Sites. Firstly to enable change the occurrence in the U89 record of the .ANT file from 1 to ‘up to 100’ as shown below as there is a need to have multiple U89 records issued in the .ANT file to reflect all Shippers in the sharing arrangement.

	TITLE OF FILE FORMAT/RECORD	SSMP AGENT NOTIFICATION TEMPLATE (.ANT)	
	DIRECTION OF FILE	TRANSPORTER TO SYSTEM USER	
Level	Record Name	Occurrence	Optionality
1	HD_A00_STANDARD_HEADER	1	M
1	RT_U89_AGENT_NOTIFICATION	Up to 100	M
2	RT_S72_REJECTION_DETAIL	Up to 1000	O
1	TR_Z99_STANDARD_TRAILER	1	M

Secondly it was identified that there was an inconsistency with the field length in the SPECIFIED ENTRY POINT NAME field length within the U91 record of the .RCI. Within the Inbound Confirmation Request File (RCI) the field length for SPECIFIED ENTRY POINT is to be increased from 9 to 40 to enable to fully entry point name to be captured, recorded and validated to ensure a new shipper confirmation can be accepted within UK Link.

SPECIFIED_ENTRY_POINT_NAME	O	T	40	0	Input Terminal Name requesting NTS Optional rate to be applied from. CONTEXT: Mandatory if NTS Optional Rate is requested.
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# XRN4539 New File Level Rejection

'Go-Live' there was no specific rejection code for files with entirely incorrectly formatted codes, as a result these files have been rejected using the File Level Rejection of FIL00012 "Records are not in the expected order in the FRJ File".

In recognition that the scenario that we have encountered is not explicitly considered by the rejection text used and so a new rejection code of FIL00020 - "No Valid Message - File contains incorrectly formatted records".

Please see attached the updated rejection code list which includes this new FRJ – File level rejection.

FIL00020	No Valid Message - File contains incorrectly formatted records
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Rejection List

# Track 2 Changes

**XRN4454 - Cadent Billing - DN Sales (outbound services)** which was originally in scope for Release 2 was deemed to be too great a change for one release.

Due to this Release 2 was split into 2 Tracks with all the changes for Track 1 already outlined in this pack and Track 2 consisting of the Cadent Change (XRN4454)

For more information please follow [link](#) to DSC Delivery Sub-Group (DSG) page of Xoserve.com where you will find information regarding

- Minutes of previous meetings
- Future meetings
- UK Link Plan on a page

There will also be additional training material created in a similar vein to what you have seen to help display the change in a process led way.



## **Release 3 - Market Trials**



## High level Timeline

## Release 3 Market Trials High level Timeline

[illegible][illegible]





# Walkthrough

# Market Trials CR wise plan walkthrough (1)

## CR Wise Process Plan during MT Execution -

Legend
Time Lag
File Received & Processed
Defect Fix
Retest where required and meeting all condition within MT timelines
Capacity, Commodity & Rec
Weekend

UKL FR3.0 Market Trials - CR Wise Execution Plan																														
CR Ref	CR Description	Pre Requisites	10-Sep-18	11-Sep-18	12-Sep-18	13-Sep-18	14-Sep-18	15-Sep-18	16-Sep-18	17-Sep-18	18-Sep-18	19-Sep-18	20-Sep-18	21-Sep-18	22-Sep-18	23-Sep-18	24-Sep-18	25-Sep-18	26-Sep-18	27-Sep-18	28-Sep-18	29-Sep-18	30-Sep-18	01-Oct-18	02-Oct-18	03-Oct-18	04-Oct-18	05-Oct-18	06-Oct-18	07-Oct-18
XRN3656/ XRN4658	Read Validation Tolerances	Reads within AQ bands being introduced as part 3656 and 4658	RGMA Files received & processed Next Read received and processed							RGMA Files received & processed Next Read received		AQ Run	RGMA Files received & processed Next Read received and processed				RGMA Files received & processed Next Read received and processed		Defect Fix	Defect Fix	Defect Fix			Retest						
XRN4273	Installed Status of Failed MOD614	RGMA files to sent and accepted prior to NOM and CNF	RGMA Files received & processed with status F NOM and CNF processed							RGMA Files received & processed with status F NOM and CNF processed							RGMA Files received & processed with status		Defect Fix	Defect Fix	Defect Fix			Retest						
XRN4337	To change the optionality of the Supply Point confirmation reference for the T51 file	Effective date of 25th September to be used if to be included in the WC Calculation	CNF	CNF	CNF	CNF	CNF			Processing	Processing	Processing	Processing	Processing			WC Calc	NRL	Defect Fix	Defect Fix	Defect Fix			Retest based on CNF being received again by 28th September						
XRN4431	Reads failing market breaker tolerance to be accepted for correct date following AQ Correction	Send in the Read file with incorrect reads (to be rejected) send AQI with corrected AQ following which resend the earlier READ file to be accepted	Read/AQI/Read	Read/AQI/Read	Read/AQI/Read	Read/AQI/Read	Read/AQI/Read			Read/AQI/Read	Read/AQI/Read	Read/AQI/Read	Read/AQI/Read	Processing	Processing			Reconciliation	Read/AQI/Read	Read/AQI/Read	Defect Fix	Defect Fix			Retest					
XRN4443	File Format Changes Aug 16 Unique Sites (deferred items from CR252)	Unique Sites Portfolio available and used	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS			File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS			File Formats with changes - e.g. RCI\SNO, CSS	File Formats with changes - e.g. RCI\SNO, CSS	Defect Fix	Defect Fix	Defect Fix			Retest					

# Market Trials CR wise plan walkthrough (2)

## CR Wise Process Plan during MT Execution -

UKL FR3.0 Market Trials - CR Wise Execution Plan																														
CR Ref	CR Description	Pre Requisites	10-Sep-18	11-Sep-18	12-Sep-18	13-Sep-18	14-Sep-18	15-Sep-18	16-Sep-18	17-Sep-18	18-Sep-18	19-Sep-18	20-Sep-18	21-Sep-18	22-Sep-18	23-Sep-18	24-Sep-18	25-Sep-18	26-Sep-18	27-Sep-18	28-Sep-18	29-Sep-18	30-Sep-18	01-Oct-18	02-Oct-18	03-Oct-18	04-Oct-18	05-Oct-18	06-Oct-18	07-Oct-18
XRN4453	File Format Should Have changes	No Prerequisites	Files received & processed							Files received & processed							Files received & processed		Defect Fix	Defect Fix	Defect Fix			Retest						
XRN4458	Class 4 CSEPS Reconciliation Variance Identification	CAI - MAX AQ from IGTs needed as prerequisite to test this CR; Only the Shipper portfolios under the relevant CSEP that is being changes will receive Reconciliation changes	Reads/rec triggers	Reads/rec triggers	Reads/rec triggers	Reads/rec triggers	Reads/rec triggers				Reconciliation	Reads/rec triggers	Reads/rec triggers	Reads/rec triggers			Reads/rec triggers	Reads/rec triggers	Reads/rec triggers		Reconciliation			Retest only if Read/Rec triggers are sent by 26th September						
XRN4481	Resolution of penny mismatches within invoice supporting information for Core invoices.	Reads are sent to be processed before Reconciliation	Capacity	Read Files	Read Files	Commodity	Read Files				Reconciliation	Read Files	Read Files	Read Files			Read Files	Read Files	Read Files		Reconciliation			Retest only if Reads are sent by 26th September						

### Legend

Time Lag

File Received & Processed

Defect Fix

Retest where required and meeting all condition within MT timelines

Capacity, Commodity & Rec

Weekend

# Market Trials CR wise plan walkthrough (3)

## CR Wise Process Plan during MT Execution -

UKL FR3.0 Market Trials - CR Wise Execution Plan																														
CR Ref	CR Description	Pre Requisites	10-Sep-18	11-Sep-18	12-Sep-18	13-Sep-18	14-Sep-18	15-Sep-18	16-Sep-18	17-Sep-18	18-Sep-18	19-Sep-18	20-Sep-18	21-Sep-18	22-Sep-18	23-Sep-18	24-Sep-18	25-Sep-18	26-Sep-18	27-Sep-18	28-Sep-18	29-Sep-18	30-Sep-18	01-Oct-18	02-Oct-18	03-Oct-18	04-Oct-18	05-Oct-18	06-Oct-18	07-Oct-18
XRN4486	Meter Type O = Oriffice to be an acceptable value in file formats and reports	No Pre requisites RGMA files to sent	Files received & processed							Files received & processed							Files received & processed	Defect Fix	Defect Fix	Defect Fix			Retest							
XRN4495	Energy Tolerance Rejection Code	Read related files with Override Flag to be populatred as "N" or Blank	Read Files received & processed							Read Files received & processed							Read Files received & processed	Defect Fix	Defect Fix	Defect Fix			Retest							
XRN4534	Amendment to RGMA Validation Rules for Meter Asset Installation Date	Sites need to greenfield or brownfield with no meter. If not Re confirmation to be carried out by Shippers first	RGMA files received and processed							RGMA files received and processed							RGMA files received and processed	Defect Fix	Defect Fix	Defect Fix			Retest							
XRN4538	Insertion of Maximum Number of Occurrences in Meter Inspection Date Notice (MID) File	No Pre requisites to test - send MID < 15,000 ( or negative testing)	MID	MID	MID	MID	MID			MID	MID	MID	MID	MID			MID	MID	Defect Fix	Defect Fix	Defect Fix			Retest						
XRN4539	New File Level Rejection	No Pre Requisites All inbound file types expect RGMA files can be used	Files received & processed							Files received & processed							Files recd & processed	Defect Fix	Defect Fix	Defect Fix			Retest							

Legend
Time Lag
File Received & Processed
Defect Fix
Retest where required and meeting all condition within MT timelines
Capacity, Commodity & Rec
Weekend



## High Level Scenarios

# XRN 3656(& XRN 4658)

CR Title/Description	Scenario		Data Conditions	
Read Validation Tolerances	Read, Site Visit or Asset Update file sent with Tolerance Override Flag populated with Blank or Y for 2 AQ bands. Read needs to conform to AQ band being tested for this CR (see special data conditions)		<ul style="list-style-type: none"> <li>Best fit sites would be class 3 or 4</li> <li>Site can belong to either GT or iGT</li> </ul>	<ul style="list-style-type: none"> <li>AQ band between 0-100</li> <li>AQ between 101-200</li> <li>AQ bands to meet XRN 4658</li> </ul>
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	UMR	URS	Submit Reads which will exceed the inner and outer tolerance with and without override flag Submit Reads which accepts the tolerance limit	New Rejection error codes when the tolerance breach happens If reads are within tolerance limit it should be accepted
Shipper	UBR	URS	Submit Reads which will exceed the inner and outer tolerance with and without override flag Submit Reads which accepts the tolerance limit	New Rejection error codes when the tolerance breach happens If reads are within tolerance limit it should be accepted
Shipper	JOB	JRS	Submit Reads which will exceed the inner and outer tolerance with and without override flag Submit Reads which accepts the tolerance limit	New Rejection error codes when the tolerance breach happens If reads are within tolerance limit it should be accepted
Shipper	UPD	UPR	Submit Reads which will exceed the inner and outer tolerance with and without override flag Submit Reads which accepts the tolerance limit	New Rejection error codes when the tolerance breach happens If reads are within tolerance limit it should be accepted
Shipper	SFN	SFR	Submit Reads which will exceed the inner and outer tolerance with and without override flag Submit Reads which accepts the tolerance limit	New Rejection error codes when the tolerance breach happens If reads are within tolerance limit it should be accepted

# XRN 4273

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Introducing IHD (In-Home Display)	ONJOB, ONUPD, Nomination Enquiry, Nomination referral and offer ,and confirmation process tested with IHD status 'F'		<ul style="list-style-type: none"> <li>Best fit sites would be class 4</li> </ul>	<ul style="list-style-type: none"> <li><b>Existing site with live meter</b></li> <li><b>Note that we are expecting to run only reconfirmation on this CR due to data privacy constraints</b></li> </ul>
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	JOB	JRS	Submit new asset request with IHD status 'F'	The new asset information sent with IHD status 'F' in the response file
Shipper	UPD	URS	Submit update asset request with IHD status 'F'	The update asset information sent with IHD status 'F' in the response file
Shipper	NOM	NMR	Submit a reconfirmation request with IHD status 'F' <i>Note: No new confirmation is expected to be sent due to data privacy constraints</i>	The reconfirmation asset information sent with IHD status 'F' in the response file
Shipper	CNF	CFR	Submit a confirmation request with IHD status 'F'	Response CFR sent with IHD status 'F' in the response file
Shipper	NA	PAC	Trigger as part of Reconfirmation process	The PAC file triggered for the incoming shipper with new allowable value IHD status 'F'



# XRN 4337

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
To change the optionality of the Supply Point confirmation reference for the T51 file	Test Winter consumption NRL file send out with confirmation reference number in T51 record.		<ul style="list-style-type: none"> <li>Monthly read sites AQ&gt;29300</li> <li>Best fit sites are Class 1or 2 or 3 or 4</li> <li>Sites already in 'LI'</li> <li>Site already in 'CO'</li> </ul> <p>Note: 'CO' sites are difficult to test due to 'time travel' within MT timescales. Only Reconfirmation scenarios are possible, please note that both incoming and outgoing shippers will be the same due to data privacy</p>	
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper** (recipient only)	Not applicable	NRL	<p>**Shipper do not need to send any file to trigger this process.</p> <p>The Winter consumption job will be triggered for September month where for a meter point AQ is greater than 293000 in winter consumption will not be applied</p>	The incoming shipper needs to verify the confirmation reference number in the 'T51' record

# XRN 4431

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Reads failing market breaker tolerance to be accepted for correct date following AQ Correction	Read and AQ correction and cancellation request received with reason code '4', files getting accepted and rejected with proper response message sent out in specific file segment		<ul style="list-style-type: none"> <li>Class 3 or Class 4 GT/IGT sites</li> </ul>	<ul style="list-style-type: none"> <li>Read date greater than 6 months old</li> <li>Read already present on site for date later than read date in AQI file</li> </ul>
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shippers	AQI	AQR	Submit AQI file with AQ correction with request reason code '4' along with read details in 'U01' segment	<p><b>On Read validation Successful scenario</b> AQR sent to the respective shipper with 'C43' acceptance response with child segment 'U10'</p> <p><b>On Read validation Failure scenario</b> AQR sent to the respective shipper with 'C41' rejection C45 → S72 → <b>AQI00022</b> - AQ Correction cannot be cancelled for read tolerance C43 → S72 → AQI00023 – AQ Correction rejected to due read validation failure and <b>U02 → S72 → AQI00024</b> – Reading rejected due to incorrect AQ Correction Reason U02 → S72 → <b>AQI00025</b> – AQ Correction rejected due to missing read record U02 → S72 → <b>AQI00026</b> - AQ Correction rejected due to subsequent read present U02 → S72 → <b>AQI00026</b> – AQ Correction rejected due to subsequent read present</p> <p>C43 → S72 → AQI00008- Failed to supply the Meter Reading date or Meter Reading C43 → S72 → AQI00009 - The Meter Reading supplied to support the AQ correction Request</p> <p>U02 → S72 → MRE01029/MRE01030 U02 → S72 → MRE01027</p> <p>U02 → S72 → MRE01032 U02 → MET00567</p>

# XRN 4443

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
File Format Changes Aug 16 Unique Sites (deferred items from CR252)	1. Test confirmation of Interconnector site through RCI template where SPECIFIED ENTRY POINT_NAME is more than 9 chars and less than 40 characters 2. Test multiple U89 segment in the response file for Confirmation and Nomination process		<ul style="list-style-type: none"> <li>Interconnector sites in the shipper portfolio</li> <li>SSMP(Shared) MPRN in the shipper portfolio</li> </ul>	<b>Note that this CR may be difficult to test due to limited data within MT environment (very few Interconnectors exist in the market &amp; SSMPs need two shippers/shipper and agent to partake for the same SSMP)</b>
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	RCI Template	OCI	Shipper Initiate confirmation request for Interconnector site through RCI template where SPECIFIED ENTRY POINT_NAME is more than 9 chars and less than 40 chars in U91 segment	After the RCI file validation is successful and initial referral response (OCI) triggered
Shipper/Agent	SNO	SNR	Nomination request received from the sharing shipper or by the agent	Successful offer sent to SNR. Note: The U89 segment with multiple records is pertaining to the Agent file. For shipper there's no change in the SNR
Shipper/Agent	CSS	CRS ANT	Re-Confirmation request received from the sharing shipper or the agent	Successful Confirmation response sent to CRS

# XRN 4453

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
File Format Should Have Changes	1. Test O17 ,O22 via SFN /SFR file without a effective date 2. Test U82 record in TSF file with REFERRAL_COMMENTS 3. Test K29 record in FSI file with NWO_NAME. 4. Test I09 segment is under the K80 segment		<ul style="list-style-type: none"> <li>N/A</li> </ul>	
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	SFN	SFR	Shipper sends the 'O17' record without the effective date	Shippers will get a 'O22' record in SFR file without Effective Date
GT	TSI	TSF	Network will send the site visit file	Network needs to verify the U82 record in TSF file with REFERRAL_COMMENTS
Shipper	FSG Template		Shipper submits a 'FSG' new template with the 'NOW_NAME' to a market trial email id	
Shipper		ZCS	Shipper input is not required for this process	Shipper needs to verify the Capacity Supporting Information file (ZCS) to see 'I09' segment is under 'K80' segment

# XRN 4458

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Class 4 CSEPS Reconciliation Variance Identification	IGTs sends CSEP Amendment via CAI file changing the MAX AQ/SOQ which results in variance split and rate change from the effective date  Followed by Shippers send reads  Shippers receive Capacity, Commodity ,Amendment invoice with the variance split		<ul style="list-style-type: none"> <li>Class 1 or 2 or 3 or 4 CSEP sites</li> </ul>	<ul style="list-style-type: none"> <li>Identify the CSEP grid under the shipper portfolio and carry out AQ change that will enable the rate change from the AQ change effective period(preferably mid of the month)</li> </ul>
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
IGT	CAI	CAO	Shipper needs to submit a CAI file with AQ amendment for identified CSEP grid	Shipper gets a CSEP Amendment successful response in CAO file
Shipper	UMR	URS	Shipper submits the reads via UMR for the AQ amended period	Shipper gets a URS response on successful acceptance of the read Note:- Read submission is mandatory to see the Amendment invoice variance split
Shipper	UBR	URS	Shipper submits the reads via UBR for the AQ amended period	Shipper gets a URS response on successful acceptance of the read Note:- Read submission is mandatory to see the Amendment invoice variance split
Trigger not required by Shipper		ZCS,COM,ASP,AML,CZI,	No file needed by the shipper	Xoserve triggers Capacity, Commodity and Amendment Invoice on completion of which Shippers can verify the variance split

# XRN 4481

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Resolution of penny mismatches within invoice supporting information for Core invoices.	Test Capacity, Commodity invoicing process to check the penny mismatch between SI value and Invoice values .Test FSG submission process with network name in K29 record in ZCS		<ul style="list-style-type: none"><li>All Classes (NDM and DM) LSP, SSP, and SLSP</li></ul>	
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shippers(No Trigger required from Shipper recipients only)		INV,CAZ,COM,COI,ZCS	Shipper do not need to send any file to test this.  Xoserve Capacity and Commodity Invoice runs will enable this testing	Shipper needs to verify the financial values within invoice supporting information

# XRN 4486

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Meter Type O = Orifice to be an acceptable value in file formats and reports	Test ONJOB,ONUPD, Pre CD notification, Registration process , and sent out portfolio reports with meter type 'O' (Orifice)		<ul style="list-style-type: none"> <li>Any Site either Class 1 or 2 or 3 or 4</li> <li>Sites with Meter or Converter installed</li> </ul>	<ul style="list-style-type: none"> <li>May be difficult to test as not many sites will have meter type as Orifice 'O'</li> <li>Participating Shippers and iGTs/GTs need to be related only can portfolio files can be generated and shared</li> </ul>
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	JOB	JRS	Shipper submits an 'Asset Install' request for the meter type 'O'	On successful acceptance of the new asset JRS response sent out with new Meter Type 'O' Orifice
Shipper	UPD	URS	Shipper submits an 'Asset Update' request for the meter type 'O' Orifice	On successful acceptance of the new asset URS response sent out with new Meter Type 'O' Orifice
Shipper	NOM	NMR	Shipper submits a nomination request for an existing meter type 'O' Orifice	Shipper receives a NMR response request for the existing meter type 'O' Orifice
Shipper	CDN	CDR	Shipper sends a CDN(M79) record in file with 'O' Orifice meter type	Shipper receives CDR(M80) record response with 'O' Orifice meter type
GT	Xoserve triggers EQL files generation at BODS	EQL	Xoserve triggers EQL files generation at BODS	GT (where participating) needs to Verify the 'O' Orifice meter type in their portfolio
iGT	Xoserve triggers IDL files generation at BODS	IDL	Xoserve triggers IDL files generation at BODS	iGT (where participating) needs to Verify the 'O' Orifice meter type in their portfolio
EWS	Xoserve triggers EWS files generation at BODS	EWS	Xoserve triggers EWS files generation at BODS	National Grid (where participating) needs to Verify the 'O' Orifice meter type in their portfolio



CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Energy Tolerance Rejection code	Test DLC,UDR,UBR,UMR,AQI with override flag 'N' or blank to validate the Energy Tolerance Rejection Code		<ul style="list-style-type: none"> <li>Site under Class 1 or 2 or 3 or 4</li> <li>Site either GT or iGT</li> </ul>	
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shippers	DLC	DDA,RPA	Shipper submits a read in DLC file with override flag 'N' or 'Blank'	Shipper verifies the rejection code is TOL00009 when it is sent on RPA
Shippers	UDR	URS	Shipper submits a read in UDR file with override flag 'N' or 'Blank'	Shipper verifies the MRE01038 -if the rejection is sent on URS
Shippers	UMR	URS	Shipper submits a read in UMR file with override flag 'N' or 'Blank'	Shipper verifies the MRE01038 -if the rejection is sent on URS
Shippers	UBR	URS	Shipper submits a read in UBR file with override flag 'N' or 'Blank'	Shipper verifies the MRE01038 -if the rejection is sent on URS
Shippers	SFN	SFR	Shipper submits a read in SFN file with override flag 'N' or 'Blank'	Shipper verifies the MRE01038 -if the rejection is sent on URS
Shippers	AQI	AQR	Shipper submits AQI file with Tolerance override flag in the U01 record provided with the C41 record (for AQ correction reason 4) is populated as 'N' or 'blank'	Shipper verifies the MRE01038 in U02 segment and AQI00023 in C43 segment

# XRN 4534

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Amendment to RGMA Validation Rules for Meter Asset Installation Date	Test an ONJOB ONUPD install scenario for a Greenfield site and brownfield site to accept the installation date prior to the confirmation effective date		<ul style="list-style-type: none"> <li>Class 3 or 4</li> <li>Brownfield Sites</li> </ul>	<ul style="list-style-type: none"> <li>Confirmation status 'LI'</li> <li>Isolate and Withdrawn sites</li> <li>Shipper less sites*</li> </ul>
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	JOB	JRS	Submit a 'Asset install' request on a Brownfield with asset install date in the past not greater than LIS date	Shipper to verify the past date provided for asset install is accepted and is the date prior to the 'Confirmation Effective Date'
Shipper	UPD	URS	Submit a 'Asset update' request on a Brownfield with asset install date in the past not greater than LIS date	Shipper to verify the past date provided for asset update is accepted and is the date prior to the 'Confirmation Effective Date'

\*Please note there are no shipper less sites within MT environment, if parties want to test these sites, please submit a request to Xoserve at least 5 days in advance of MT commencing

# XRN 4538

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
Insertion of Maximum Number of Occurrences in Meter Inspection Date Notice (MID) File	Test MID file with 15K records from a shipper			
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	MID	MIO,FRJ	MID file received with less than 15k records from the shipper	Successful MIO sent out Note: No change has been carried out in the MIO response file

# XRN 4539

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
New File Level Rejection	Test file level rejection by changing specific segments in scope			
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
IGT	CIC	FRJ ERR	Shipper sends the ITC file with one/multiple "C60" segment without populating mandatory fields	IGT receives FRJ with Error "FIL00020" IGT receives ERR file with appropriate code
GT	DCI	FRJ ERR	Shipper sends the ITC file with one/multiple "U15" segment without populating mandatory fields	GT receives FRJ with Error "FIL00020" GT receives ERR file with appropriate code
DMSP	DLC	FRJ ERR	Shipper sends the ITC file with one/multiple "U77" segment without populating mandatory fields	DMSP receives FRJ with Error "FIL00020" DMSP receives ERR file with appropriate code
IGT	ITC	FRJ ERR	Shipper sends the ITC file with one/multiple "U77" segment without populating mandatory fields	IGT receives FRJ with Error "FIL00020" IGT receives ERR file with appropriate code
MRA	RD1	FRJ ERR	Shipper sends the RD1 file with one/multiple "RVI" segment without populating mandatory fields	MRA receives FRJ with Error "FIL00020" MRA receives ERR file with appropriate code
Shipper	UBR	FRJ ERR	Shipper sends the UBR file with one/multiple "U13" segment without populating mandatory fields	Shipper receives FRJ with Error "FIL00020" Shipper receives ERR file with appropriate code
Shipper	AQI	FRJ ERR	Shipper sends the AQI file with one/multiple "C41/C42" segment without populating mandatory fields	Shipper receives FRJ with Error "FIL00020" Shipper receives ERR file with appropriate code
Shipper	CNC	FRJ ERR	Shipper sends the CNC file with one/multiple "S81" segment without populating mandatory fields	Shipper receives FRJ with Error "FIL00020" Shipper receives ERR file with appropriate code
GT	CTN	FRJ ERR	Shipper sends the CTN file with one/multiple "Q13" segment without populating mandatory fields	GT receives FRJ with Error "FIL00020" GT receives ERR file with appropriate code
Shipper	SPC	FRJ ERR	Shipper sends the SPC file with one/multiple "S36" segment without populating mandatory fields	Shipper receives FRJ with Error "FIL00020" Shipper receives ERR file with appropriate code
GT	PCD	FRJ ERR	Shipper sends the SPC file with one/multiple "P30" segment without populating mandatory fields	GT receives FRJ with Error "FIL00020" GT receives ERR file with appropriate code
Shipper	JON	JRS	Shipper submits JOB file with only one transaction having a record level error((like mandatory field missing etc. )	Shipper receives JRS with RESPN code
Shipper	UPD	UPR	Shipper submits JOB file with only one transaction having a record level error((like mandatory field missing etc. )	Shipper receives UPR with RESPN code
Shipper	GEA	FRJ ERR	Shipper sends the SPC file with one/multiple "S96" segment without populating mandatory fields	Shipper receives FRJ with Error "FIL00020" Shipper receives ERR file with appropriate code