



Release 3 - Market Trials Industry Pack
Pre Meet 17th August 2018

Agenda

1. Introduction to Release 3 Market Trials
2. Release 3 Market Trials Execution High level Timeline
3. File Transfer principles in Market Trials
4. Market Trials High Level Scenarios
5. Market Trials Data Update

Introduction to the Release 3 Market Trial

Market Trials is a test period to provide an opportunity to validate the integration with Xoserve for the 13 changes in scope of Release 3, ensuring the changes are functioning to specification ahead of Implementation.

The Market Trials (MT) phase will constitute testing of solution components by Stakeholders to verify that they can functionally perform together in a production-like operational environment. This may be completed by executing a number of test scenarios relevant to the changes in scope of Release 3.

A limited test environment is to be provided to Market participants with some provision of 'production like' data to enable parties to take part in Market trials testing

Market Trials participation is expected to be voluntary and registration process and links have been issued separately to parties via email

Update- 11 parties have registered for R3 MT as of 15/08/18, an extension of the registration date has been given to 12 Noon 17/08/18

Please note that Xoserve will be unable to provide 'key test data' to parties who register outside of this period

High Level Timeline for MT and updates against plan

- Acceptance Testing for Track 1 is on track and due to complete 07th September 2018 to enter Market Trials
- Environment and Data preparation are underway in Xoserve to prepare the MT environment, some technical challenges have been encountered during Environment build which are being mitigated.
- Data provision for parties will commence from 23rd August beginning with the parties that have registered first and is now expected to continue into w/c 27th August.
- Connectivity testing with market to test file receipt is on track to commence 3rd September

[illegible][illegible]

File Transfer principles for MT

During Market Trials period all parties are requested to follow the below rules to ensure files are configured properly and sent correctly to MT environment for processing and output generation

Description	Shipper	Non Shipper
File Format	8.3	5.8.3
File name sample	TNxxxxxx.ABC	UKL01.TNxxxxxx.ABC
Outbound file directory	E:\XXXXXX\ix_inbox	E:\XXXXXX\ix_inbox
Intermediate Move directory (Outbound Files)	E:\XXXXXX\General\export	E:\XXXXXX\BGT01\export
Inbound	E:\XXXXXX\General\import	E:\XXXXXX\BGT01\import

PLEASE NOTE:

Shippers should ensure outbound files are moved to the correct folders as stated below

- Market Trial files to E:\XXXXXX\General\export

Non-Shippers should ensure outbound files are moved to the correct folders as stated below

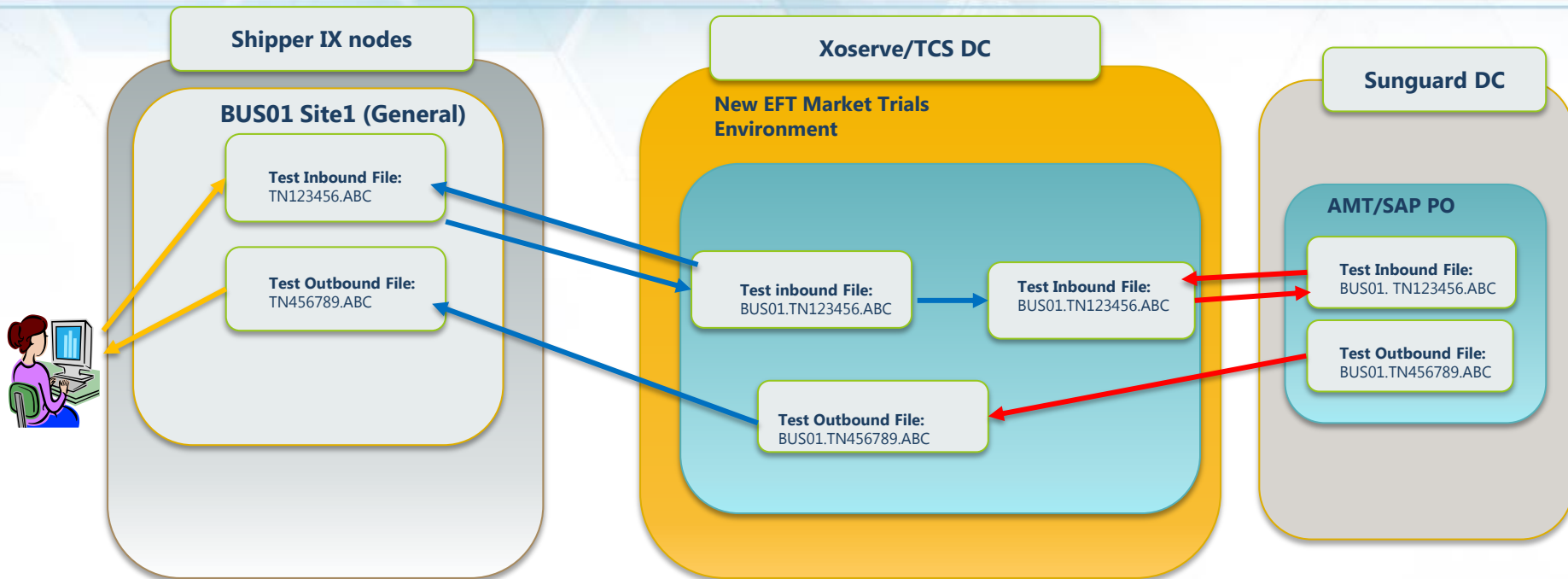
- Market Trial files to E:\XXXXXX\BGT01\export

➤ **If the above is not done correctly then files will be moved to an error folder and this will delay the processing of files. Also, it may corrupt data in the production UKLink system.**

➤ **Use only File name starting with TNxxxxxx.ABC not PNxxxxxx.ABC**

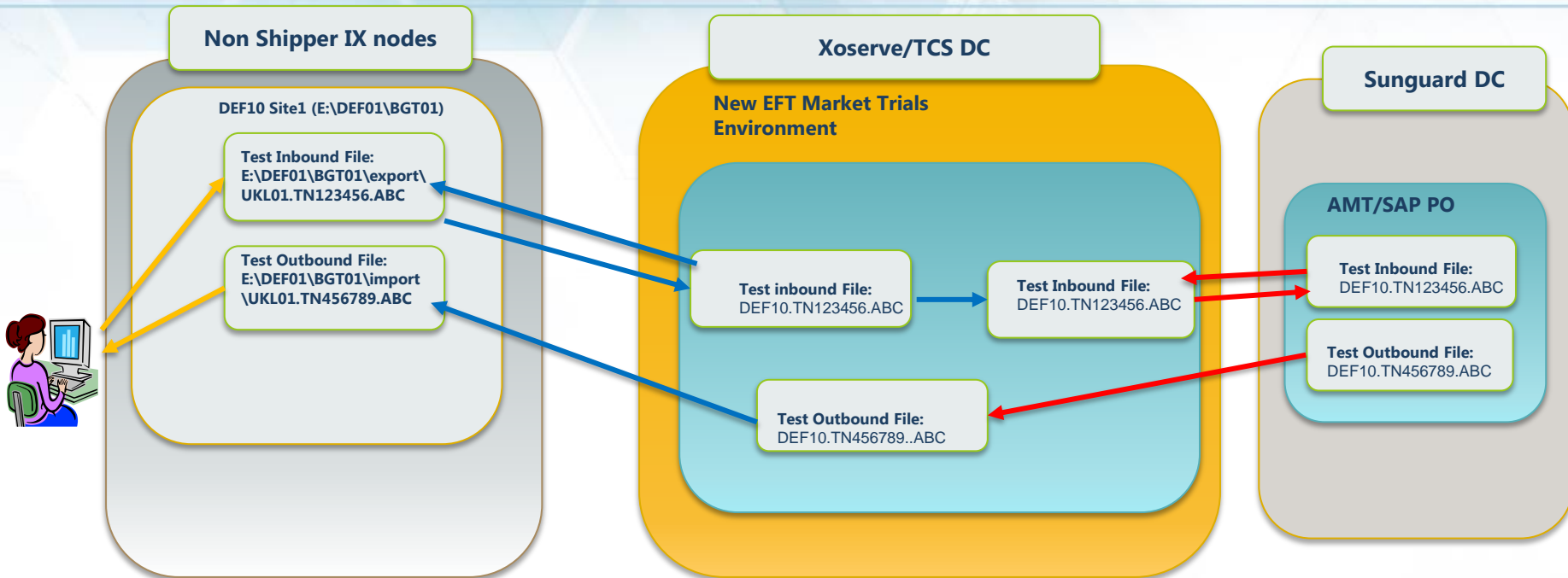
➤ **Please do not send duplicate files –stakeholders should not send files that have already been sent to Xoserve previously and have been processed successfully**

File Exchange Process flow Representation through Market Trials for Shippers



CR-3656	CR-4273	CR-4337	CR-4431	CR-4443	CR-4453	CR-4458	CR-4481	CR-4486	CR-4495	CR-4534	CR-4538	CR-4539
UMR,UBR,URS, SFN,SFR,JOB, UPD	JOB,JRS,CDR, NMO,NMR,CNF, CFR,CRF,TRF,MRI,C RS,TRS,PAC	NRL	AQI,AQR	RCI,OCI,SNO, SNR,CSS,CNF,CR S	SFN,SFR, TSF,FSI	INV,CAZ,ZCS, COM,COI,ASP, AML	ZCS,COI, INV,CAZ,ZCS, COM,COI,ASP	JOB,UPD,CDN, CDR,NMR,CFR, TRF,SNR,CRS, TRS	UDR, URS,UMR,URS, SFN,SFR	JOB,UPD,MBR, JRS,UPR,CDR	MID,MIO,FRJ	DLC, AQI, CNC,SPC,PCD, GEA, FRJ,ERR,JRS,UPR

File Exchange Process Representation through Market Trials -Non Shipper participants



CR-3656	CR-4273	CR-4337	CR-4431	CR-4443	CR-4453	CR-4458	CR-4481	CR-4486	CR-4495	CR-4534	CR-4538	CR-4539
				ANT	TSI TSF	CAI	INV	EDL(GT),IDL(iGT), EWS,	DLC,RPA			CIC,DCI, ITC,RD1

Market trial Data Update

Provision of 'key data' for all parties registered for MT

- In order to ensure that all parties use the same data and enable full testing to take place, Market trials environment has been refreshed with cut scale version of production data containing MPRN's across LDZ's-Network-Shipper combination. This data will be used as 'test' data for purposes of Market trials
- Data cut within MT environment pre-dates to 9th April 2018 position. There are no shipper-less sites considered in the data cut.
- A small cut of key data being held within the MT environment will be shared with each organisation registered to participate in R3 MT (consisting of few '00s of MPRNs)
 - This will allow the Market to use the 'data cut' for selection against test scenarios specific to the CRs they wish to test. Please note that there is no dummy data being created for MT.
 - Where industry wants to test a special data condition scenario like interconnectors, SSMP or a shipper-less site, Xoserve request it be informed of the MPRN's to be used 5 days in advance to aid in data preparation
 - There is no data masking requirements considered for MT data to ensure Data is 'production like' and expected to be shared only with the relevant organisations who are allowed to view/transact with this data. Data security rules are as per UNC.
- At this time, it is not envisaged that data belonging to one party is shared with anyone else who cannot currently view/transact with it.

Stakeholder Data Template

Serial Number	Field Name
1	Cnf Reference Num
2	Cnf Effective Dt
3	Ldz Identifier spo
4	Supply Type Code
5	Euc Number
6	Meter Aq
7	Spo Aq (Result Object)
8	Dm Soq
9	Ndm Soq
10	Serial Number
11	Address*
12	Postcode*
13	Mpo Reference
14	Confirmation Shipper Ref
15	Exz Identifier
16	Mrf Code
17	Meter Link Code
18	Meter Corr Factor
19	Num Dial Or Dig
20	Reading Units
21	Reading Factor
22	Dlg Serial Number
23	Shipper Shrt Code
24	Supplier Shrt Code
25	Class
26	CSEP Indicator
27	Latest Read Value
28	Latest Read Date

*Data may be anonymised/redacted if needed due to data security & confidentiality

Market Trials Preparation – Market parties

Market participant activities include

- **Functional Changes within Industry's systems**
 - Ensure that the relevant functional changes needed within Industry systems are completed in time to commence MT.
- **Data**
 - Work with Xoserve data 'cut' to understand the data needed for the relevant scenarios within the scope of testing.
 - Confirm data sufficiency against the key data received (please note that there will be CRs within R3 that cannot be tested by all parties due to limitation of individual portfolios and/or test data provision within MT environment) MPRNs could be used for multiple tests
 - Industry parties are requested to highlight any specific data queries against the changes being tested as early as possible to enable Xoserve to help answer these in a timely manner
 - Where industry wants to test a special data condition scenario like interconnectors, SSMP or a shipper-less site, Xoserve request it be informed of the MPRN's to be used and the specific data condition atleast 5 days in advance of start of Market Trials to aid in data preparation
 - Please note that no volume testing for CRs is expected to take place as part of MT
- **Preparing MT Test Scenarios**
 - All parties are expected to determine relevant scenarios needed to test the CRs.
 - Xoserve is to provide a high level view of suggested test scenarios that could be used by parties to determine the above

XRN 3656(& XRN 4658) – High Level Scenarios

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"> Best fit sites would be class 3 or 4 Site can belong to either GT or iGT 	<ul style="list-style-type: none"> AQ band between 0-100 AQ between 101-200 AQ bands to meet XRN 4658
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 – High Level Scenarios

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"> Best fit sites would be class 4 	<ul style="list-style-type: none"> Existing site with live meter Note that we are expecting to run only reconfirmation on this CR due to data privacy constraints
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' Note: No new confirmation is expected to be sent due to data privacy constraints	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 – High Level Scenario

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"> Monthly read sites AQ>29300 Best fit sites are Class 1or 2 or 3 or 4 Sites already in 'LI' Site already in 'CO' <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 – High Level Scenarios

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"> Class 3 or Class 4 GT/IGT sites 	<ul style="list-style-type: none"> Read date greater than 6 months old Read already present on site for date later than read date in AQI file
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>On Read validation Successful scenario AQR sent to the respective shipper with 'C43' acceptance response with child segment 'U10'</p> <p>On Read validation Failure scenario AQR sent to the respective shipper with 'C41' rejection C45 → S72 → AQI00022 - AQ Correction cannot be cancelled for read tolerance C43 → S72 → AQI00023 – AQ Correction rejected to due read validation failure and U02 → S72 → AQI00024 – Reading rejected due to incorrect AQ Correction Reason U02 → S72 → AQI00025 – AQ Correction rejected due to missing read record U02 → S72 → AQI00026 - AQ Correction rejected due to subsequent read present U02 → S72 → AQI00026 – 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 – High Level Scenario

CR Title/Description	Scenario		Data Conditions	Special Data conditions pertaining to CR
File Format Changes Aug 16 Unique Sites (deferred items from CR252)	<ol style="list-style-type: none"> Test confirmation of Interconnector site through RCI template where SPECIFIED ENTRY POINT_NAME is more than 9 chars and less than 40 characters Test multiple U89 segment in the response file for Confirmation and Nomination process 		<ul style="list-style-type: none"> Interconnector sites in the shipper portfolio SSMP(Shared) MPRN in the shipper portfolio 	Note that this CR may be difficult to test due to limited data within MT environment (very few Interconnectors exist in the market & SSMPs need two shippers/shipper and agent to partake for the same SSMP
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 – High Level Scenario

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"> N/A 	
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 – High Level Scenarios

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"> Class 1 or 2 or 3 or 4 CSEP sites 	<ul style="list-style-type: none"> 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)
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 – High Level Scenarios

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"> All Classes (NDM and DM) LSP, SSP, and SLSP 	
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	<p>Shipper do not need to send any file to test this.</p> <p>Xoserve Capacity and Commodity Invoice runs will enable this testing</p>	Shipper needs to verify the financial values within invoice supporting information

XRN 4486 – High Level Scenarios

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"> Any Site either Class 1 or 2 or 3 or 4 Sites with Meter or Converter installed 	<ul style="list-style-type: none"> May be difficult to test as not many sites will have meter type as Orifice 'O' Participating Shippers and iGTs/GTs need to be related only can portfolio files can be generated and shared
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

XRN 4495 – High Level Scenarios

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"> Site under Class 1 or 2 or 3 or 4 Site either GT or iGT 	
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 – High Level Scenarios

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"> • Class 3 or 4 • Brownfield Sites 	<ul style="list-style-type: none"> • Confirmation status 'LI' • Isolate and Withdrawn sites • Shipper less sites*
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 – High Level Scenario

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 – High Level Scenarios

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