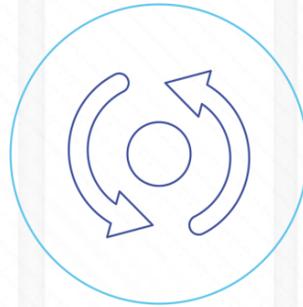




## **Extraordinary DSG Meeting CSS Consequential Change**



11<sup>th</sup> July 2019

# Agenda

- Welcome and introductions
- Action Review
- Detailed Design Solution Discussion
  - Opening Reads
  - Supplier Switching
  - Change of Shipper
- Future Topic Design Questions
- Data Cleansing Update
- Market Trials
- AOB

# Action Review

Date Raised	Reference	Action Description	Action Assigned To	Target Date	Open	Date Closed
10/06/2019	XDSG-100619-019	Determine the feasibility of introducing an acknowledgement to Shippers follow CSS acceptance of stakeholder amendment requests	Xoserve	27/07/2019	Open	
10/06/2019	XDSG-100619-025	BRN continued discussions to understand projected submissions and potential 'sitting on the shelf'	All	11/07/2019	Open	
10/06/2019	XDSG-100619-024	Xoserve to look at other downstream processes where the shipper reference is used by next meeting	Xoserve	26/06/2019	Open	
10/06/2019	XDSG-100619-026	How do Shippers wish to provide the MAM ID to Xoserve within the BRN file – Re-use existing records or add into the main BRN record	Attendees	26/06/2019	Open	
10/06/2019	XDSG-100619-028	We will be amending the agenda for the next meeting and move the Gemini topic to the 25th July.	Xoserve	25/07/2019	Closed	08/07/19
26/06/2019	XDSG-260619-029	Set up an industry session to further discuss API requirements	Xoserve	11/07/2019	Closed	11/07/19
26/06/2019	XDSG-260619-030	Attendees have to confirm when they wish to receive MAP ID's part of the new switching process: a) Part of nomination response b) Settlement data response file (BRR) or both	Attendees	11/07/2019	Open	

# Action Review

Date Raised	Reference	Action Description	Action Assigned To	Target Date	Open	Date Closed
26/06/2019	XDSG-260619-031	Discuss the Gemini Subject in the July meeting. EL advised the attendees that is important for them to attend this meeting and if they use traders or agents to ensure that someone attends/dials in the session.	Xoserve	11/07/2019	Closed	11/07/19
26/06/2019	XDSG-260619-032	Seek clarification from Ofgem around the over-arching design authority approval process for the UK Link consequential design.	Xoserve	11/07/2019	Closed	11/07/19
26/06/2019	XDSG-260619-033	RRN submission rules – decision required on whether to go with Option 1 or Option 2 for the submission of an NOM/RRN file by next meeting	Attendees	11/07/2019	Open	
26/06/2019	XDSG-260619-036	Produce an end to end process map for the CSS switching and settlement submission, along with sequence diagram showing different scenarios and processing timelines.	Xoserve	25/07/2019	Open	
26/06/2019	XDSG-260619-037	Explore the option of including a delay between the processing of the CSS registration sync message and generating of the outbound ASN file.	Xoserve	11/07/2019	Open	
26/06/2019	XDSG-260619-038	Attendees to review revised UNC code (issues as part of Ofgem SCR) to determine if changes are needed to the process and raise UNC change if required.	Attendees	11/07/2019	Open	
26/06/2019	XDSG-260619-039	Need to map out the BRN submission and processing process to ensure that we have the correct logic for difference submission scenarios.	Xoserve	11/07/2019	Closed	11/07/19

# Action Review

Date Raised	Reference	Action Description	Action Assigned To	Target Date	Open	Date Closed
26/06/2019	XDSG-260619-040	Describe what is stated in the updated UNC for the submission of settlement data (BRN file)	Xoserve	11/07/2019	Open	
26/06/2019	XDSG-260619-041	Meter read frequency change- check the status of this XRN and assess the impacts and our consequential design.	Xoserve	11/07/2019	Open	
26/06/2019	XDSG-260619-042	Provide a comparison between existing S files and the T record formats for the proposed new BRN/BRR/ASN files.	Xoserve	11/07/2019	Open	
26/06/2019	XDSG-260619-043	Agree preference for adding new records to the CNF record or amending the records within the CNF file rather than creating the new BRR/BRN files and new record formats.	Attendees	11/07/2019	Open	
26/06/2019	XDSG-260619-044	Attendees to provide a decision of which option to go with for the new BRN file structure. Review the file formats (link issued previously but will be re-issued)	Attendees	11/07/2019	Open	
26/06/2019	XDSG-260619-045	Re-issue the link to the new / amended file formats	Xoserve	11/07/2019	Open	
26/06/2019	XDSG-260619-047	Need to look at the scenario where supplier A is not aware that there is a supplier B wishing to obtain supply. As a result, if supplier A submits read within D-5, it would not become inactive. However, what happens when supplier B then provides their read?	Xoserve	11/07/2019	Open	

# Action Review

Date Raised	Reference	Action Description	Action Assigned To	Target Date	Open	Date Closed
26/06/2019	XDSG-260619-048	Consider the opening read topic as we will be discussing at the next DSG. Please forward any questions before the session if possible.	Attendees	11/07/2019	Open	
26/06/2019	XDSG-260619-049	All to begin to think about testing phases and feedback any thoughts/expectations you have from both a consequential and regression test perspective.	Attendees	11/07/2019	Open	
26/06/2019	XDSG-260619-050	Attendees to cleanse plot to postal portfolios.	Attendees	11/07/2019	Open	



# Opening Meter Reads



# Change Overview

## Summary of changes for Class 3 and Class 4

The window for transfer reads is D-5 to D+10 for Class 4 and D to D+10 for Class 3.

In case of a CSS switch notification on a class 3 or 4 site, if the read provided is not for transfer date (D) but is for a date within the read window, the read for transfer has to be estimated based on the given read and/or read history.

The window to obtain a transfer read is up to D+10 but the window closes as soon as a activity that requires a read (such as RGMA, class change, LDZ change, etc.) [current process] ... or subsequent shipper activity takes place

Read from a subsequent shipper within the read window is not to be used in transfer read estimate

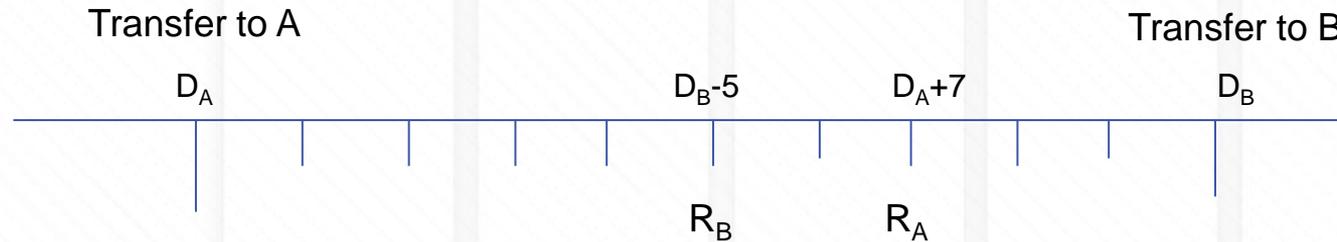
Inner tolerance is not applied for Opening reads (i.e., any O read received within the read window or any N read between D to D+10 which would be used to either fulfill or estimate a transfer read). Inner tolerance will be applied to replacement Opening reads.

Inner tolerance will be applied to any subsequent reads after the opening read has been fulfilled (including N reads received in the D+1 to D+10 period but excluding RGMA reads)

# Discussion points

## Discussion points

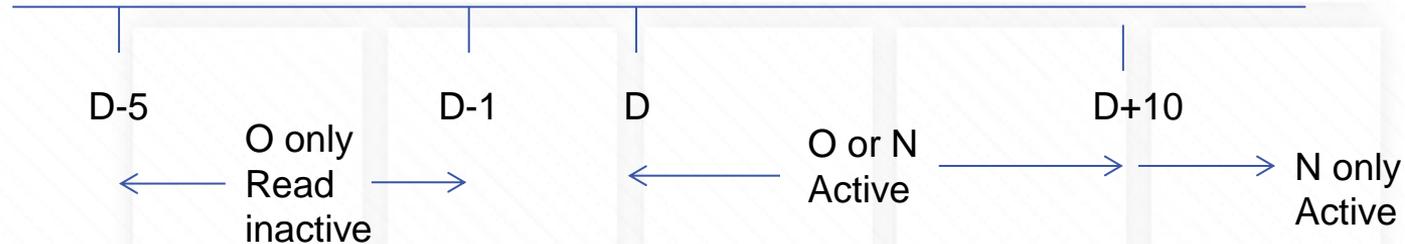
1. Should D-1 to D-5 window be removed? Due to risk of read contention.
2. In the scenario shown below, should read from A ( $R_A$ ) be used to estimate B's opening read? (This scenario is not relevant if D-1 to D-5 window is removed.)



# Proposed treatment

## Opening read processing

Proposal for allowed read reason and Active/Inactive status of reads  
(Inactive reads are not used for the validation of subsequent reads) -



## Possible rejection scenarios

A replacement read for the period D-1 to D-5 from the proposing shipper would be rejected since the transfer read would already have been fulfilled using the D-1 to D-5 read, and the replacement would not trigger a re-estimation [current process]

An opening read submitted after the transfer read has been fulfilled will be rejected [current process]

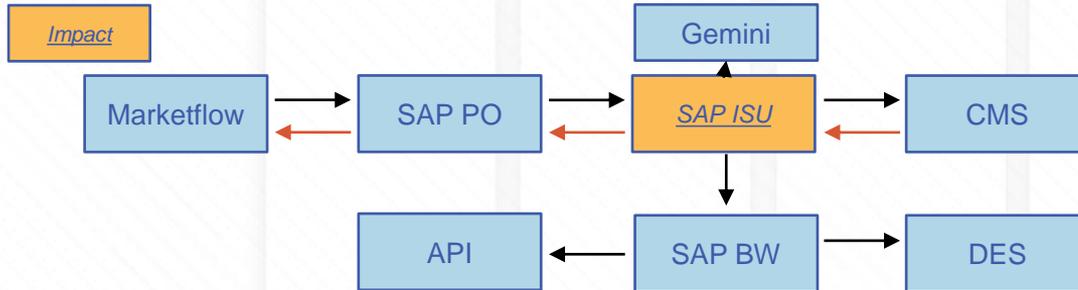
# High Level Impact Assessment

## Changes in estimation program and read processing programs

There is no change in the estimation logic currently in place – either for estimation using last valid read or for estimating a read in between two reads. The change is in the scenarios that trigger estimation and in the determination of reads to be used for estimation.

In read processing, the change is to apply the new rules for read reason and for inner tolerance check.

## Impacted Systems



# Design considerations

## Design Considerations & Assumptions

- If no read is received till D+10, estimation will be done using last valid read
- Existing logic for last valid read determination can be used as is, if D-1 to D-5 window is removed
- If read provided is in the D+1 to D+10 window, that read along with last valid read before transfer date will be used to estimate the transfer read
- Additional changes in read selection logic for estimation will be required if the recommendation to remove D-1 to D-5 window is not accepted.
- Change of supplier only will be treated similar to re-confirmation in UKLINK.
- For Class 3 reads, estimation will be triggered when a read is received from the proposing shipper for a date after D.
- If the D-5 to D-1 window is removed, then reads from the outgoing shipper for the period D-5 to D-2 should not be marked as inactive (Change to June 19 release XRN4676)

# Assumptions/Clarifications

- All the scenarios are specific to Class 4 to Class 4 switches
  - Class 3 'Read Window' starts at D; rather than at D-5.
  
- Current baselined rules:
  1. Read Window for C4 – Reads may be obtained from D-5
  2. Readings provided by the Incoming User on or after D (i.e. once the Registered User) but within their ownership
  3. Readings provided by the Registered User to be used to generate the Opening Meter Reading estimate (OPNT), if provided for a date other than D, and submitted by D+10
  4. Read Submission Window ends at:
    - a. Meter reading being submitted by the Registered User
    - b. Registered User triggering a process that requires a Meter Reading in order to be effective – e.g. Class Change; LDZ Change, RGMA\* etc.
    - c. Subsequent Shipper submitting a Meter Reading or an activity which requires a meter reading eg, RGMA
    - d. D+10, if none of the above events take place
  5. Readings provided by a Subsequent User will prompt the generation of outstanding OPNT(s), but the Read not be used to generate the OPNT(s) value
  
- All focus was on the processing against Subsequent Users – rather than Reading contention against previous Shippers
- Little / no thought was provided against retention of the D-5 window due to the focus on subsequent switches

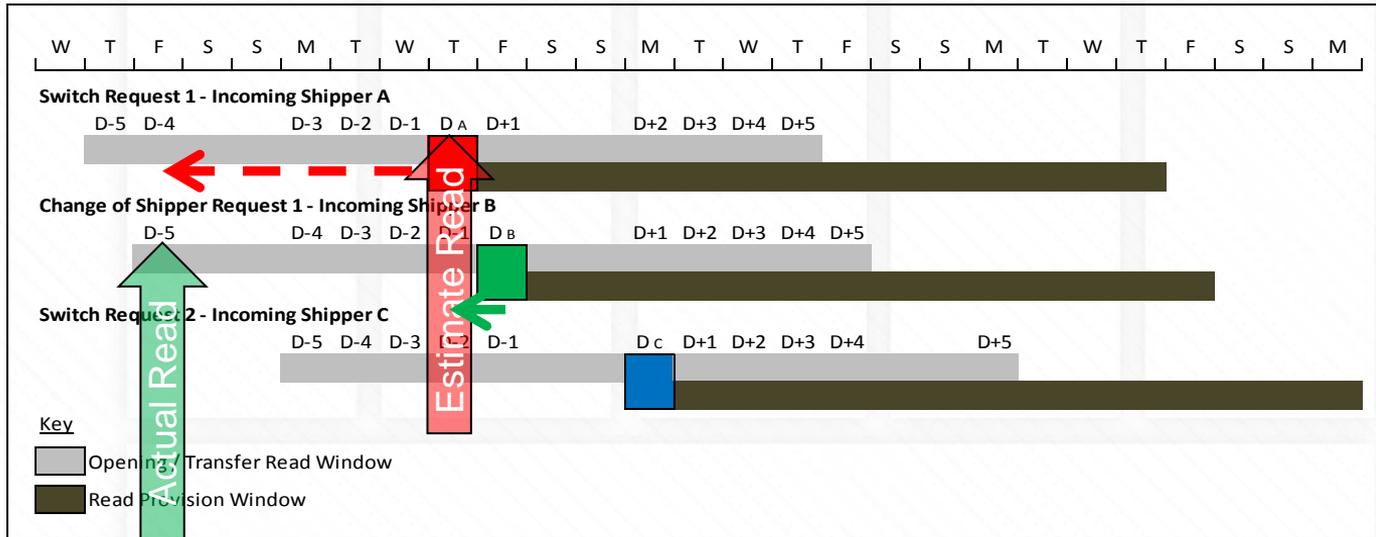
\* RGMA transactions will be accepted in the CO (D-1) window from the proposing user

# Assumptions/Clarifications

- Additional analysis has highlighted scenarios where previous Shipper readings may cause Reading contention with the readings from the registered shipper
- This has been circumvented by XRN4676 – implemented June 2019 – Readings provided by the previous Shipper are set to 'inactive' where these are received in D-5 to D-1 window
  - Post CSS, will not know whether we are in D-5 to D-2 window since we may not know about the switch until D-1!
- Currently the estimation routine considers the last valid Meter Reading when generating an estimate
  - It does not consider who has provided this Meter Reading
  - Where the estimation job is interpolating between two Readings, under the current rules we will need to ensure that a Subsequent User reading is ignored for estimation of outstanding OPNTs for previous Registered Users

# Change of shipper/Change of shipper and supplier

- Scenario 1:** Green sends a read dated  $D_B - 5$  and there are outstanding OPNTs for Red and Green
  - After  $D_B$  – Green will submit Reading which will get loaded at  $D_B-5$  and marked as inactive.
  - Red’s estimation will then be triggered utilizing green’s read – **Breach of Rule 5**
  - Subsequently, Green’s estimation will utilize red’s estimate instead of green’s read at  $D_B-5$  – **Breach of Rule 3**



# Proposal

- In considering the use of the D-5 window, this is inconsistent with the fact that once superseded the Shipper cannot obtain a Meter Reading in a subsequent shipper's ownership
- The D-5 window creates additional issues regarding 'ownership' of Meter Readings – about what can / cannot be used for estimation
  - Ideally removing this complexity would be beneficial
- Propose to limit the ability to obtain Meter Readings outside period (i.e. D +/-) when you are the Registered User\*
  - + Brings all Classes into line – i.e. Reading only obtained from D
  - + Opportunity to provide Reading maintained until D+10 – so circa two week window to obtain Meter Reading
  - Requires change to customer letter, where Consumer Reading is sought
  - Current stats on opening reads received from Go-Live to Jan'19, show that 71% of the reads obtained were for D date, while 15% were within D-1 to D-5 window and 14% within D+1 to D+5 window. Majority (75%) of these reads were the end consumer reads (source E).
- DSG are asked to support the proposal to start the Read Window at D, rather than D-5 for Class 4 Opening Meter Readings
- Views?

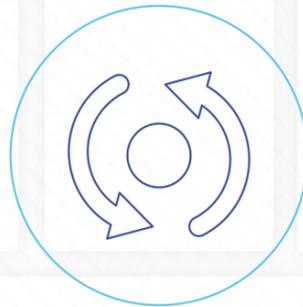
\* applies to RGMA transactions as well

# System Impact Assessment

	SAP ISU
System Component:	Meter reads
Development Type:	Code Change
Impacted User(s):	Shippers
Build Type:	Program changes
Change Description:	1.Change validations in UMR ,UBR and UDR processing
	1.Change transfer read estimation trigger in RGMA, Class change and LDZ change programs
Requirement Clarity:	A
Change Complexity:	A
Integration Complexity:	A
Test Data Prep Complexity:	A
Test Execution:	G
Regression Testing Impact:	G
Performance Impact:	G



# Supplier Switching and Change of Shipper



# Change Overview

## Initial Registration , Supplier Switching & Shipper Change Event

Post CSS implementation, Initial Registration, Supplier Switching and Change of Shipper processes will be mastered by CSS.

### **Sequence of Events:**

- For sites in scope of CSS, Supplier Switching and Change of Shipper information will come from CSS via a new interface.
- UK Link will run standard validations in ISU when any message is received from CSS and if there are any inconsistencies in the data the system will raise an exception.
- A Change of Shipper event received from CSS will be handled similar to a Registration request received via CNF file.
- When a Sync messages from CSS is associated with a BRN submitted by the Shipper an ASN will be sent to the Shipper.
- If, when a Sync messages is received from CSS, no valid BRN is found for the Registration Request or Event then the ASN will be sent with default values.
- After gate closure the new TMC file will be sent.
- Gemini files will be sent after 20:00 hrs.

### **Changes in Existing Interface:**

- The Confirmation (CNF) interface needs to be changed. If CNF is received for any sites in scope of CSS, an error response (CFR) should be sent back to shipper. A new error message will be introduced for this.
- Any change of Supplier received via GEA for the sites in scope of CSS will be rejected with an error response (GEO). A new error message will be introduced for this.

## Solution Approach

### **Registration Sync received for Pending Status**

New interface for Gaining shipper notification via ASN

### **Registration Sync received for Secured Inactive Status**

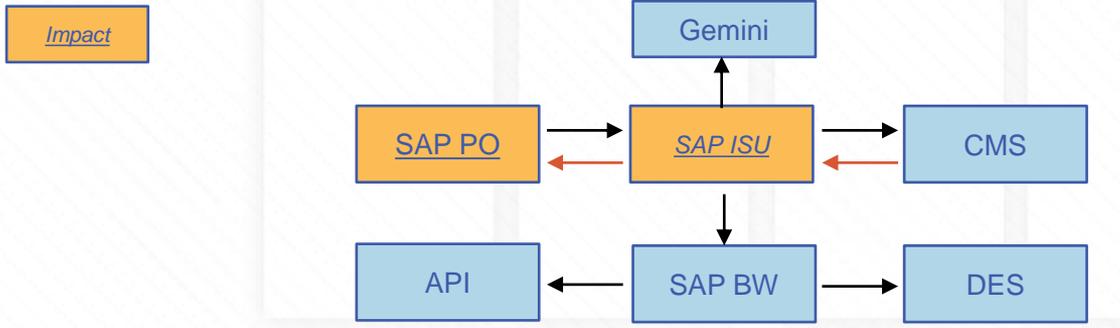
New TRF and MRI combined interface to the Gaining and Losing Shipper (TMC)

# High Level Impact Assessment

## Registration Sync for Pending /Active Status – new ASN (Association) interface for Gaining shipper notification

- New interfaces will be built based on the CSSP Interface Specification to accept Registration Requests and Change of Shipper Event messages.
- SAP PO will process all the incoming CSS Registration Requests and Change of Shipper Event messages and generate a delivery receipt acknowledgment to CSS.
- SAP ISU will carry out the business validations and verify the CSS Registration Requests and Change of Shipper Event messages and in the event of any failures a rejection response will be sent to notify CSS.
- If validation is successful it will be recorded in SAP ISU and the Gaining Shipper will be notified via an ASN (Association) file. The ASN will include Settlement details if a valid BRN has been received else default values will be applied.

## Impacted Systems



## Overall Impact

High

## Design Considerations & Assumptions

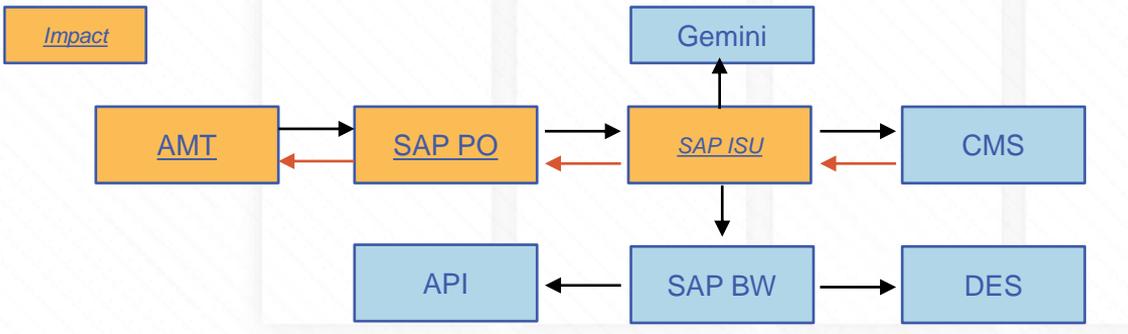
- CNF will no longer be used to receive Switch Requests for sites not in scope of CSS. If a Switch Request is received for a site not in scope of CSS then it will be rejected with a new rejection code.
- A Registration Request sync without a change of Shipper will be treated in a similar way to the current reconfirmation process.
- The Losing shipper will not be notified on receipt of a Pending Registration sync

# High Level Impact Assessment

## Registration Sync for Secured Status - New TMC Interface to combine existing TRF and MRI files and remove redundant information

- New interfaces will be built based on the CSSP Interface Specification to accept Registration Requests and Change of Shipper Event messages.
- SAP PO will process all the incoming CSS Registration Requests and Change of Shipper Event messages and generate a delivery receipt acknowledgment to CSS.
- SAP ISU will carry out the business validations and verify the CSS Registration Requests and Change of Shipper Event messages and in the event of any failures a rejection response will be sent to notify CSS.
- Post Secured Notification from CSS Transfer of Ownership will be notified to both the Gaining and Losing Shipper via new TMC interface.

## Impacted Systems



## Design Considerations & Assumptions

- The last sync message from CSS will be received no later than 18:00 hrs.
- UKLink will receive the sync messages in sequence and process these as and when received and send the response.
- Issuing of the PAC follows the existing process.

## Overall Impact

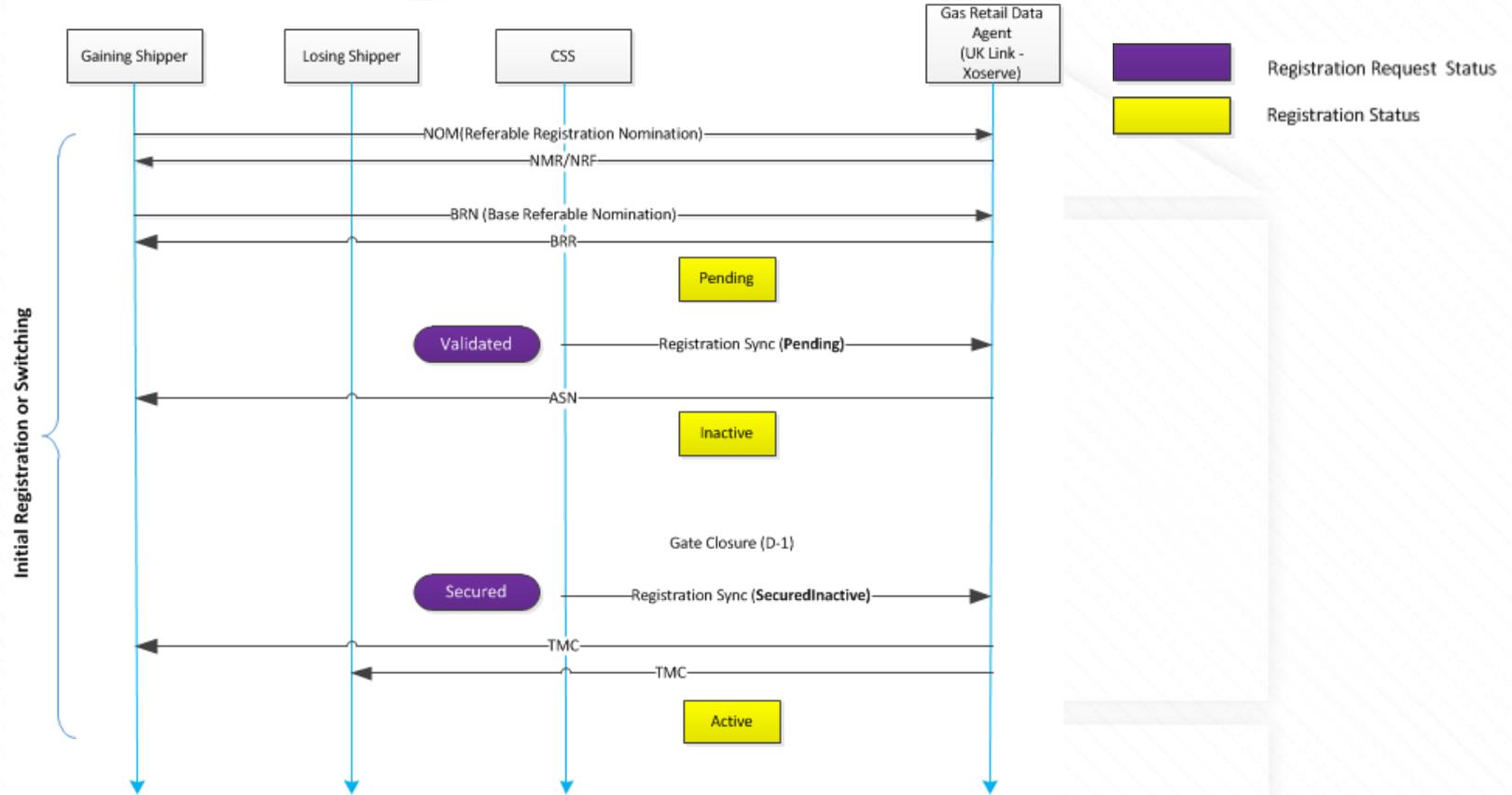
High

# System Impact Assessment

	SAP ISU	SAP PO	Marketflow
<b>System Component:</b>	SPA	Configuration	Configuration
<b>Development Type:</b>	Code Change	Configuration Change	Configuration Change
<b>Impacted User(s):</b>	Shippers & CSS Provider	Shippers & CSS Provider	Shippers & CSS Provider
<b>Build Type:</b>	<p><u>2 New Interface</u></p> <ul style="list-style-type: none"> <li>CSS Webhook Interface – Receive Sync Notification</li> <li>Shipper Interface – To send the new TMC file</li> </ul>	<p><u>2 New Interface</u></p> <ul style="list-style-type: none"> <li>CSS Webhook Interface – Receive Sync Notification</li> <li>Shipper Interface – To send the new TMC file</li> </ul>	<p><u>New Interface</u></p> <ul style="list-style-type: none"> <li>Shipper Interface – To send the new TMC file</li> </ul>
<b>Change Description:</b>	<ol style="list-style-type: none"> <li>New Webhook Interface to receive Sync messages and Event notification</li> <li>New Interface for the combined TRF and MRI(TMC).</li> </ol>	<ol style="list-style-type: none"> <li>New Webhook Interface to receive Sync messages and Event notification</li> <li>New Interface for the combined TRF and MRI(TMC).</li> </ol>	<ol style="list-style-type: none"> <li>New Interface for the combined TRF and MRI(TMC).</li> </ol>

<b>Requirement Clarity:</b>	A	A	A
<b>Change Complexity:</b>	A	A	A
<b>Integration Complexity:</b>	A	A	A
<b>Test Data Prep Complexity:</b>	A	A	A
<b>Test Execution:</b>	A	A	A
<b>Regression Testing Impact:</b>	A	A	A
<b>Performance Impact:</b>	A	A	A

# Sequence of Switching/Initial Registration



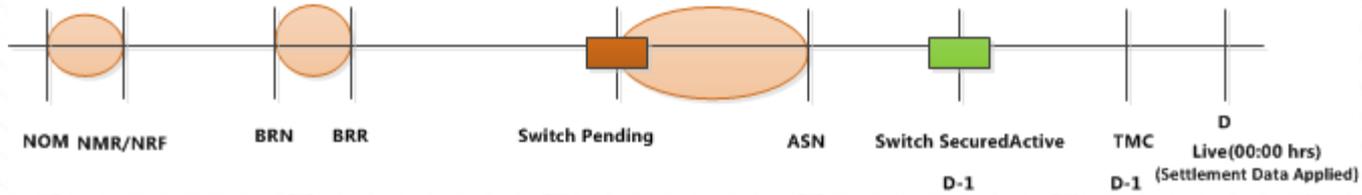
# File Process & Response Schedule

File Name	Batch Process day	Batch Process time	Type of Job
Registration Synchronisation processing job	Daily	06:00 to 04:00	Cyclic – Every 10 mins
NOM	Business Day	11:00 to 23:15	Cyclic – Every 10 mins (This job currently runs every 60 mins) [Note:- This is a dependent job on the Registration Synchronisation job ]
NMR	Daily	11:00 to 23:15	Cyclic – Every 10 mins Note: This is a dependent Job on NOM processing
NRF	Daily	11:00 to 23:15	Non Cyclic (Once a Day)
BRN	Daily	11:00 to 23:15	Cyclic – Every 10 mins [Note:- This is a dependent job on the Registration Synchronisation job ]
BRR	Daily	11:00 to 23:15	Cyclic – Every 10 mins  Note:- Shipper's will receive the BRR file within 30 mins of BRN receipt
ASN	Daily	11:00 to 23:15 (Post association with Switch/Shipper Event )	Cyclic – Every 10 mins  Note:- Shipper's will receive the ASN file within 30 mins of the Switch Association/BRN receipt
TMC	Daily	[At 18:00 Hrs]	Non-Cyclic(Once a Day)  Note:- Shipper's will receive the TMC file between 18:00 to 19:00 hrs

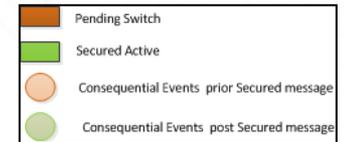
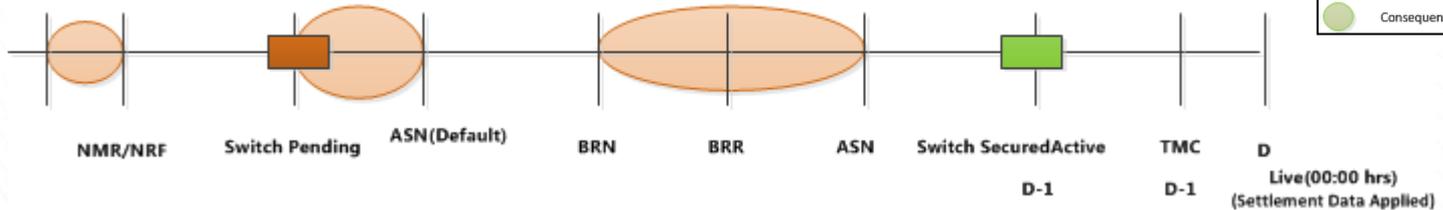
Note: Batch process timings are subject to change

# Switch Scenarios for Sites with RRN

**Case 1 RRN and BRN submitted before Switch (Initial Registration & Supplier Switch)**

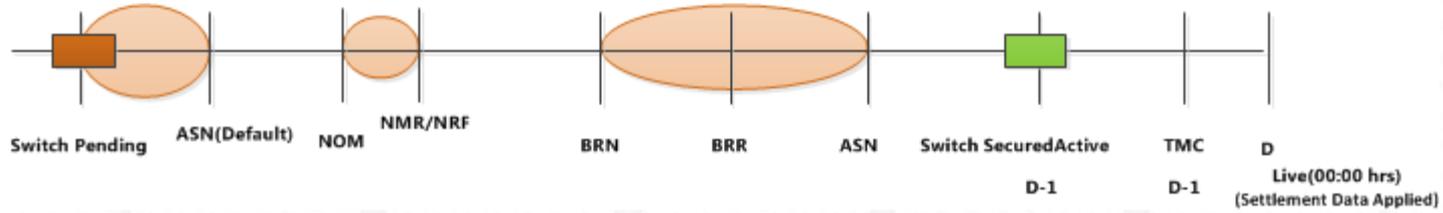


**Case 2 RRN submitted before and BRN submitted after Switch (Initial Registration & Supplier Switch)**

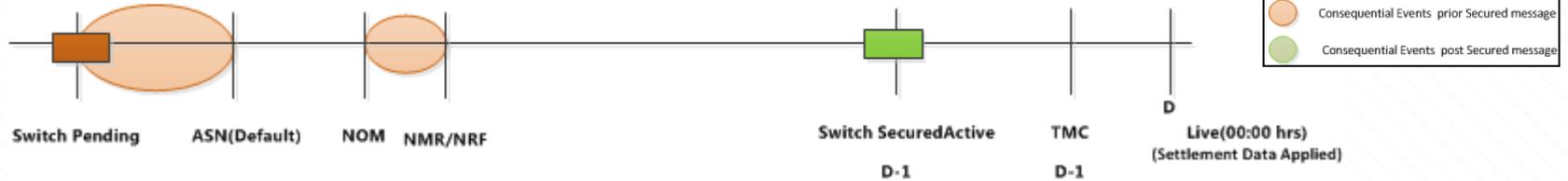


# Switch Scenarios for Sites with RRN

**Case 3 RRN and BRN submitted after Switch (Initial Registration & Supplier Switch)**

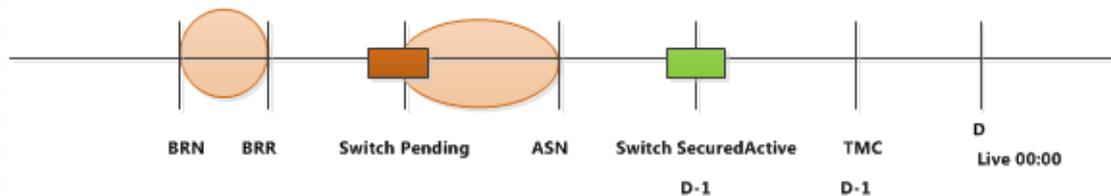


**Case 4 RRN Submitted and BRN not submitted for a Switch (Initial Registration & Supplier Switch)**

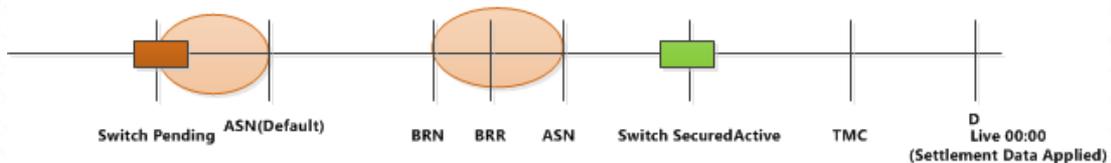


# Switch Scenarios for sites with no RRN

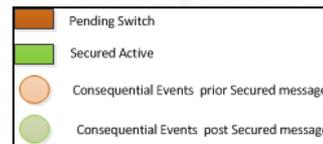
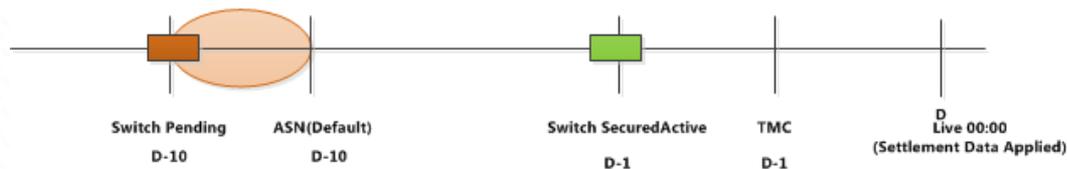
**Case 5 BRN submitted before Switch (Initial Registration & Supplier Switch)**



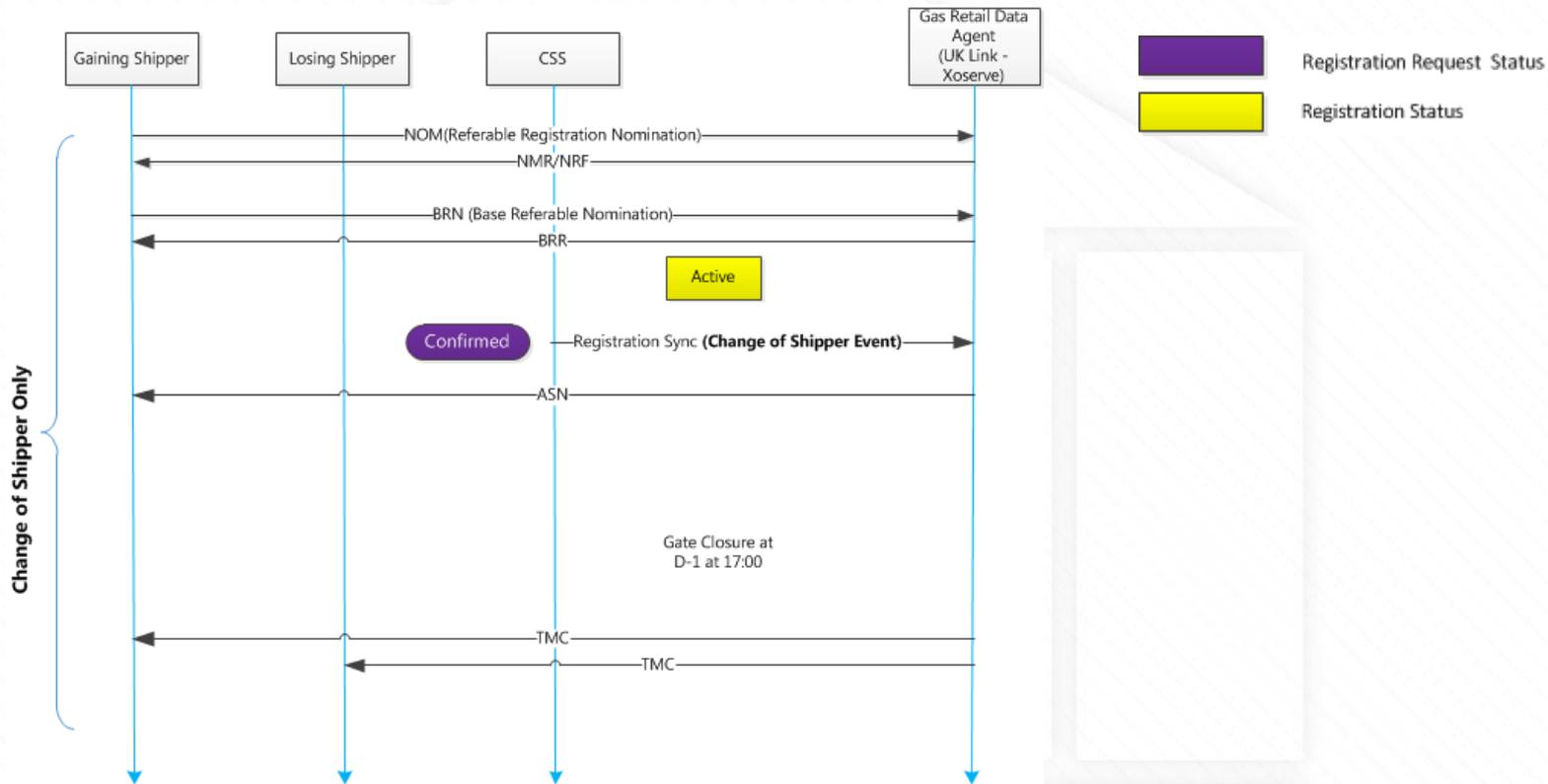
**Case 6 BRN submitted after Switch (Initial Registration & Supplier Switch)**



**Case 7 BRN not submitted for a Switch (Initial Registration & Supplier Switch)**

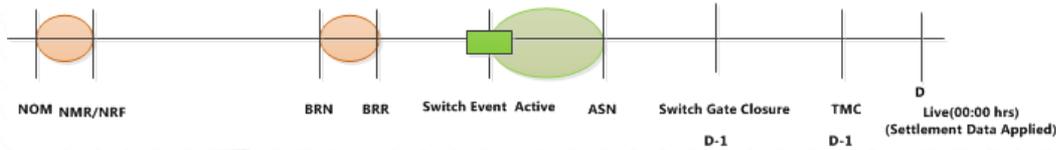


# Sequence of Shipper Change Event

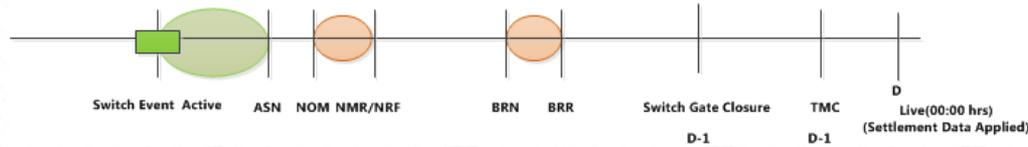


# Shipper Change Event for Sites with RRN

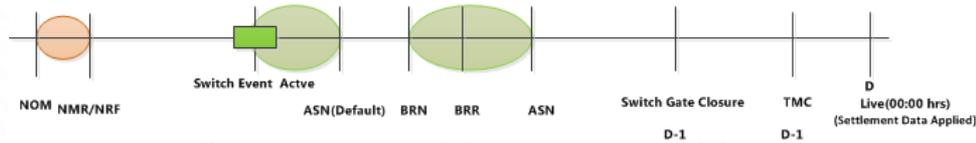
**Case 1 RRN and BRN submitted prior for a Shipper Change Event**



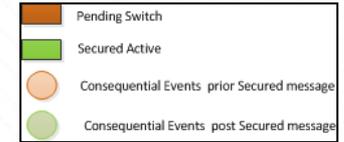
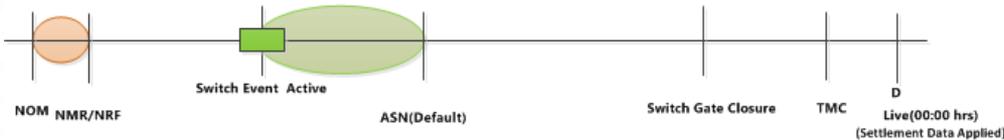
**Case 2 RRN and BRN submitted post the Shipper Change Event**



**Case 3 RRN and BRN submitted post a Shipper Change Event**

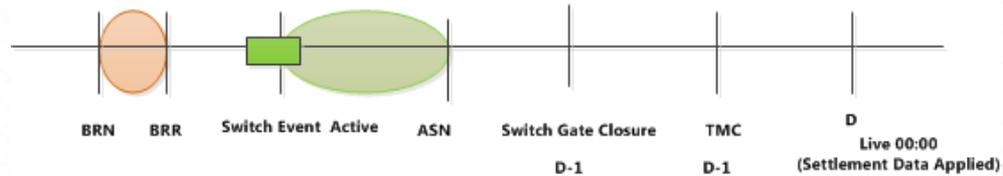


**Case 4 RRN submitted and BRN not submitted post a Shipper Change Event**

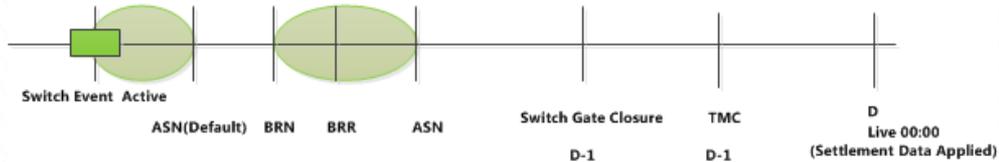


# Shipper Change Event Scenarios for sites no RRN

**Case 5 BRN submitted prior to a Shipper Change Event**



**Case 6 BRN submitted post to a Shipper Change Event**



**Case 7 BRN not submitted post to a Shipper Change Event**



	Pending Switch
	Secured Active
	Consequential Events prior Secured message
	Consequential Events post Secured message

# Validation on the CSS Supplier Switch Message

Checks are done when the Registration Request or Change of Shipper Event messages are received and the required responses are then sent.

Example Scenarios	Action	Outcome
<ul style="list-style-type: none"><li>• Incorrect MPRN</li><li>• Invalid Shipper</li><li>• Invalid Supplier</li></ul>	Reject	Not OK , UKLink was not able to act on the switch request.
<ul style="list-style-type: none"><li>• Incorrect Service provider agreement(Detail the network relationship)</li><li>• Switch received with date Effective in a future date after 30 years</li></ul>	Accept & Raise Exception	OK , Acted on by UKLink but some issue was observed.
<ul style="list-style-type: none"><li>• The mandatory data items present and valid based on the data held UKLink</li></ul>	Accept	OK

# TMC (Transfer & Meter read combined interface) file format Option 1

The TMC file interface to the Gaining and Losing Shipper will be triggered post Gate Closure for Registration Request Sync messages.

## **Create a new TMC outgoing file reusing the existing segments of TRF and MRI**

- Gaining shipper interface will receive a TMC file with the S15 transfer of ownership segment.
- Losing shipper interface will receive a TMC file with the S88 ceased response segment.
- Reuse the child records below the S15 and S88 records from the TRF and MRI interface.
- Remove the duplicate segments present in both the files (Ex. S98 Smart details).

### Data items which are duplicate

- Supply Point Reference No, MPRN , Effective date present in S15 and also present in N90 and U06 records.
- Address data present in S70 and also in N90 and U06 records.
- Meter Information present in S75 and also in n90 and U06 records.
- Data Logger information present in S75 and K15 records.

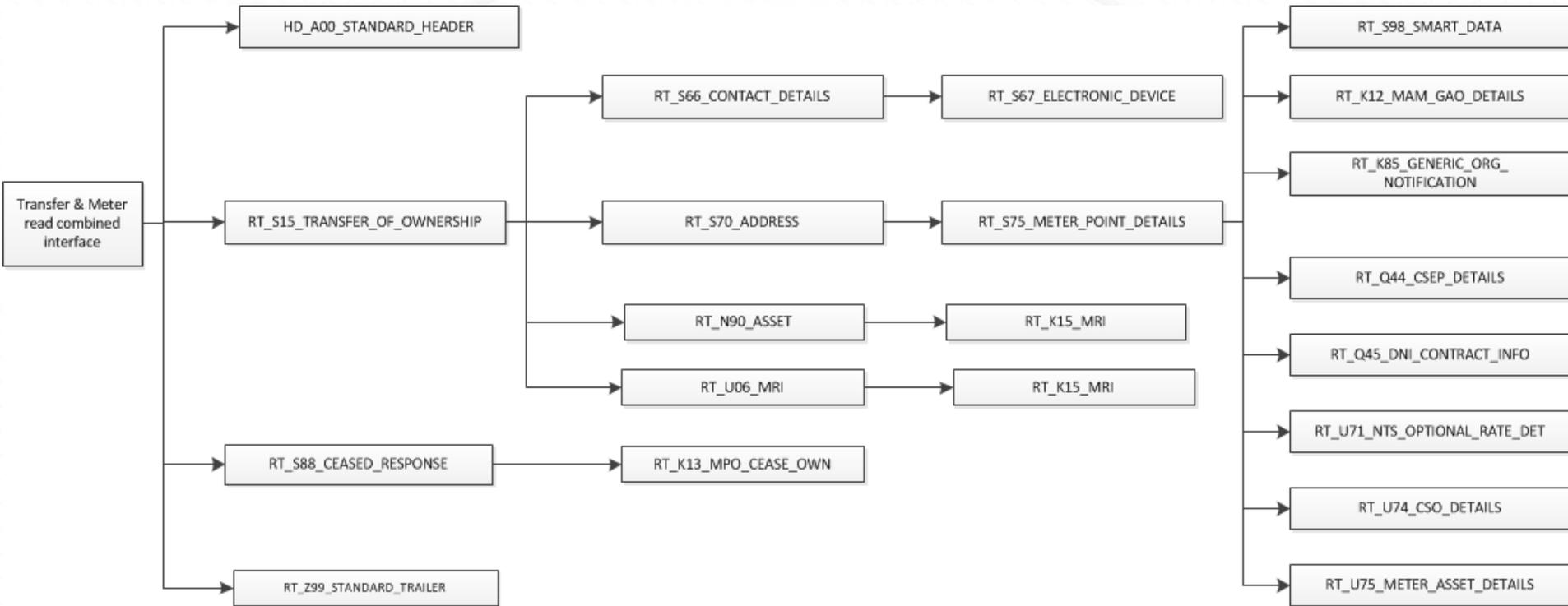
## **Pros**

- Distinct separation achieved between Settlement data for CSS sites in scope of CSS to that of existing sites out of scope of CSS.

## **Cons**

- Shipper systems will need to align to the new interface and data fields.
- Since the existing segments are reused less changes anticipated in the shipper system.

# TMC File Hierarchy



# TMC (Transfer & Meter read combined interface) file format Option 2

The TMC file interface to the Gaining and Losing Shipper will be triggered post Gate Closure for Registration Request Sync messages.

## **Create record type T70,T72 and T72 and reuse existing records in the TRF file**

- Create a T72 record similar to the S15 segment with extra records taken from S75 record holding the MPRN level data.
- Create new Segment for the Bundled(T71) and Unbundled(T70) records with few records taken from the K15 segment in the MRI file as it consists data pertaining to the asset attached to the Meter Point.
- Reuse the child records below the S15 and S88 records from the TRF and MRI interface.
- Remove the duplicate segments present in both the files (Ex. S98 Smart details).

## **Pros**

- Distinct separation achieved between CSS sites Settlement to that of existing out of scope sites
- Normalisation achieved as only relevant filed details are only considered

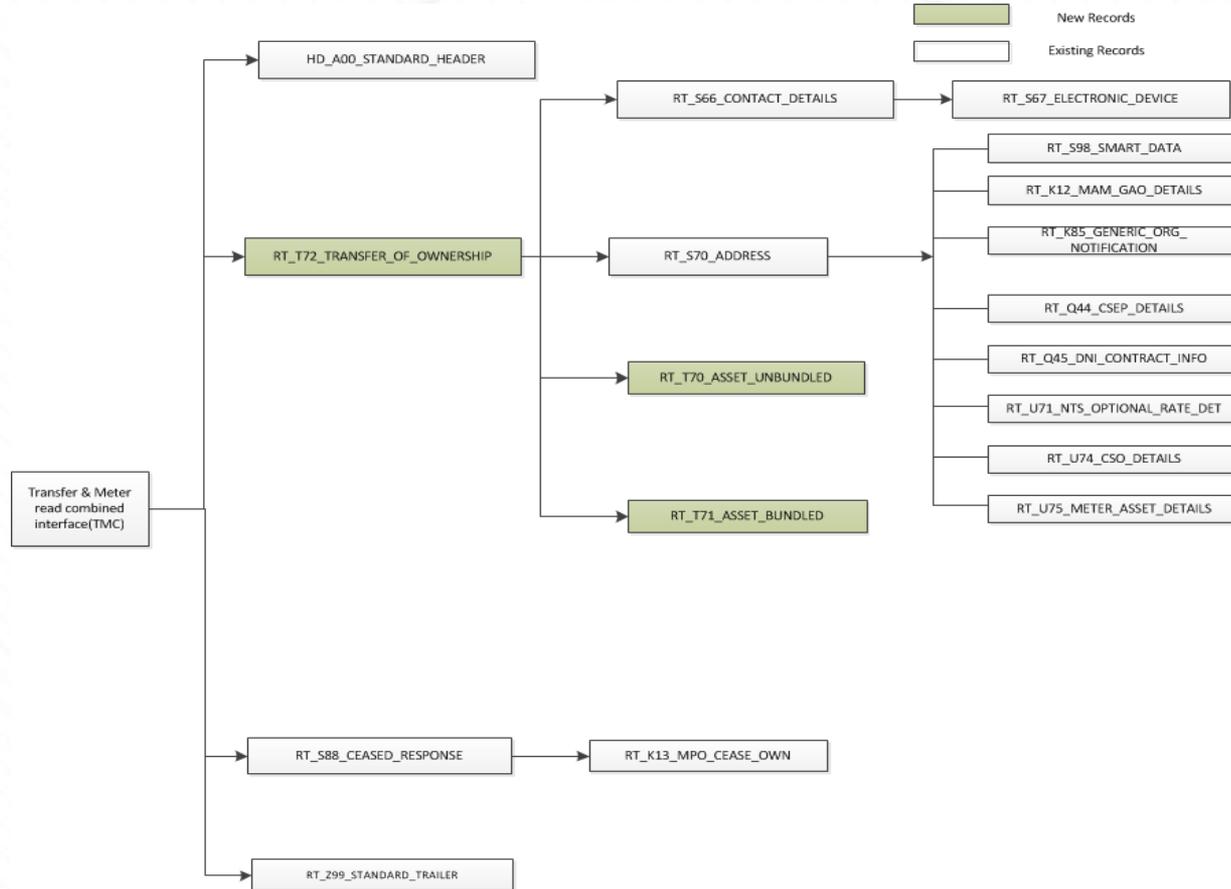
## **Cons**

- Shipper systems will need to align to the new interface and data fields

## **Questions**

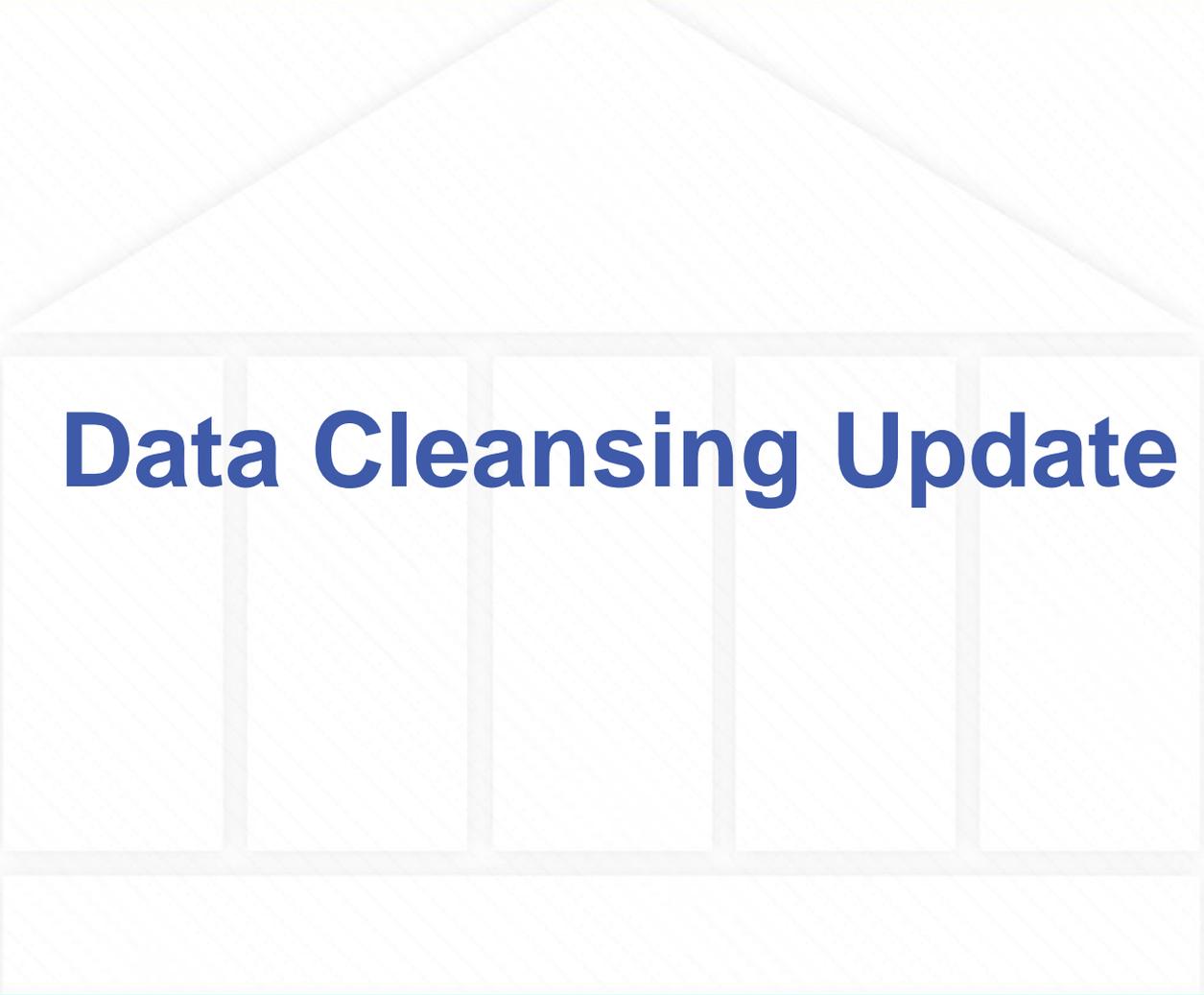
- Do we need 2 separate bundled and unbundled records? Can these be a single record with a flag to separate bundled and unbundled records?
- Does the Asset data need further segregation based on Meter, Corrector and Datalogger?

# TMC Option 2 Hierarchy



# New Rejection Code

Rejection Code	Rejection Description	Check
CSS00001	Confirmation cannot be submitted for the CSS managed sites	If CNF interface is used to submit a Switch request for the CSS specific sites
CSS00002	Supplier Change cannot be submitted for the CSS managed sites	If GEA interface is used to submit a Supplier Switch request for the CSS specific sites



# Data Cleansing Update

# Data Cleansing Update

Data Topic	Responsibility	Current Status (April)
GT Plot to Postal Addresses	Shipper	BAU process (GT sites only) – monthly portfolio issue to Organisations where plot addresses exist within their portfolio Shipper Total – 14,547 Unregistered Total – 8,415
Address Data - Quality	Xoserve	First reports are due to be issued with your next plot to postal reports
Shipper/Supplier Mapping	Shipper	Being progressed via Xoserve Customer Lifecycle Team and report through SPAA
MAP ID	Xoserve / MAPs	XRN 4780 allocated to July minor release to enable MAP ID to be stored against a meter where provided within an RGMA flow. Working with MAPs to establish initial population, currently targeted for Nov 19.

Data Cleansing			
Plot to Postal Address	Baseline	Current	Commentary
	Apr-18	Jun-19	
GT Registered Sites	15,591	14,547	The figures have not moved greatly this month. Xoserve continue to work with Shipper Organisations for the cleansing of this data. Discussions are held on a one to one via operational meetings and during our CSSC DSG Design Workgroup.
GT Unregistered Sites	8,718	8,415	Discussions are ongoing with GT's in relation to the unregistered plot addresses
IGT Sites	76,116*	59,956*	We are still developing the IGT plot to postal report. Individual discussions are ongoing with IGT's to understand the report structure they are using to report plot to postal numbers to AIGT. Based on these discussions we will further enhance our report structure.
MTD Cleanse	Baseline	Current	Commentary
	TBC	TBC	

Gas MTD Cleansing and tracking of progress will follow once the first reconciliation from CP17/411 is completed in April 2019 – See SPAA Update

Address Profiling	Baseline	Current	Commentary
	Jun-19		
Incorrect / Dummy Post Codes	180,340		Portfolio reporting to be sent to Shippers in July 19
Missing Post Town	63		
Missing Building Name, Building Number & Delivery Point Alias	40,738		
Missing Building Name and Building Number	172,701		

 Significant Risk - Immediate mitigation required

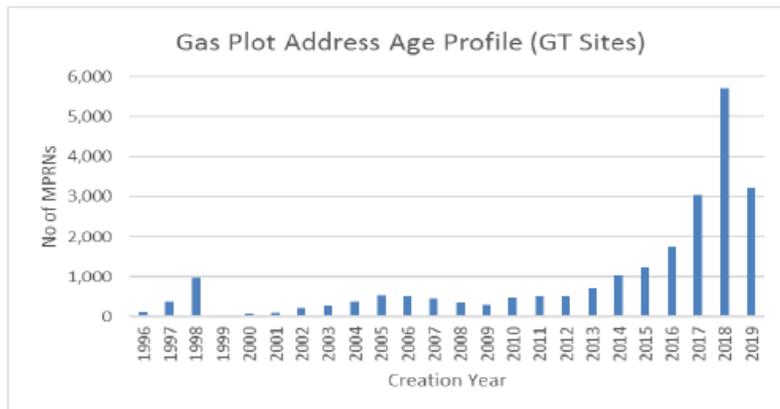
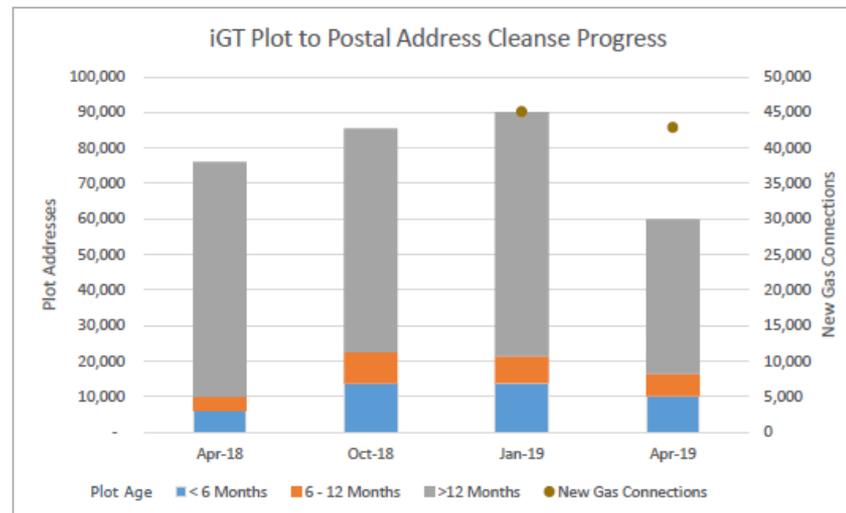
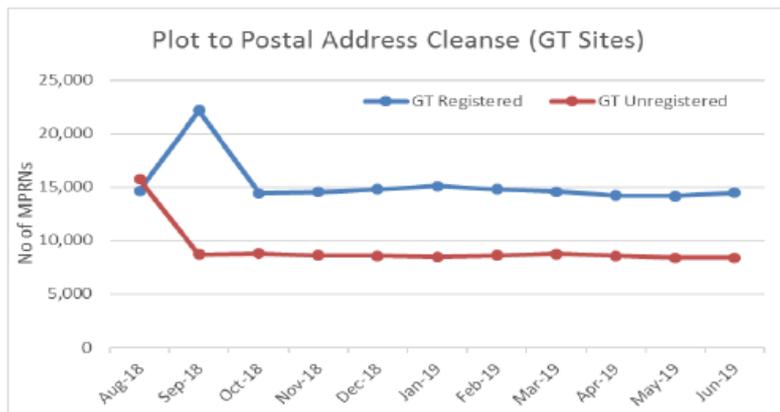
 Increased Risk - Urgent mitigation required

 At Risk - Manageable with mitigation

 On track - But being closely monitored

 On track

 Complete



Consequential Changes		RAG		Completion Date		Commentary
		MAY	JUN	Baseline	Forecast	
MAP ID	Creation of MAP ID Field in UK Link	G	G	Jul-19	Jul-19	The change is being progress for Xoserve's July 19 release. The release is currently on track for July delivery.
	Initial population of MAP ID detail within UK Link	G	G	Nov-19	Nov-19	Timeline of November 19 has been provided to CMAP as target date for data population. The population of MAP data into UK Link has been provisionally placed onto June 20 release. This needs to go through industry approval governance. Discussions are commencing at ChMC during the July 19 workgroup..
	Ongoing population of MAP ID from MAPs	G	G	Jul-19	Jul-19	With the introduction of MAP ID to UK Link there will be the provision of ongoing updates via RGMA flows from a Shipper Organisation. MAP's will be provisioned with a flow to also provide MAP ID updates on an enduring basis to UK Link. Architectural design solutions are currently being analysed.
Shipper/ Supplier Mapping	Cleansing activity for Shipper/Supplier mapping	G	G	Dec-19	Dec-19	This is an ongoing process with multiple Organisations to ensure the validity of Stakeholder associations. This activity will be ongoing until the migration of the process to Xoserve from SPAA. There are currently 79 discrepancies to be resolved, down from 105.
	Transfer of ownership of stakeholder data from SPAA to Xoserve	G	G	Feb-20	Feb-20	The transfer of ownership of Stakeholder data from SPAA to Xoserve is on track for a February 2020 delivery
RMP Status	Recognition & mapping of existing meter point status to new RMP values	AG	AG	Nov-20	Nov-20	Detailed design will confirm how the RMP status will be maintained within UK Link for provision to the new CSS Provider. Milestone of August 19 indicates the end of Xoserve's detailed design phase.
LEN Indicator	LEN indicator creation in UK Link	N/A	N/A	TBC	TBC	Detailed requirements to be defined for the enduring process and then to be scheduled into a change release
	LEN indicator data transformation/ update / operational processes	N/A	N/A	TBC	TBC	Detailed requirements to be defined for the enduring process in order define datasets to be held
	LEN site investigation	N/A	N/A	TBC	TBC	Need further information to understand this requirement
Address Cleansing		RAG		Completion Date		Commentary
		MAY	JUN	Baseline	Forecast	
Profiling of address data held within UK Link		G	C	Jul-19	Jul-19	High level profiling has completed. Scope of profiling includes: - invalid/dummy postcodes - Addresses without a delivery point alias, building name or number - Missing street names and Post Towns of Unknown or Blank This output is being analysed and will be included in this report
Creation of portfolio reporting for cleansing activity		G	C	May-19	Jun-21	The reports have been created and signed off following testing and business review. The first portfolios will be issued to the Industry in July 19. Progress to be reported to DWG.

 Significant Risk - Immediate mitigation required

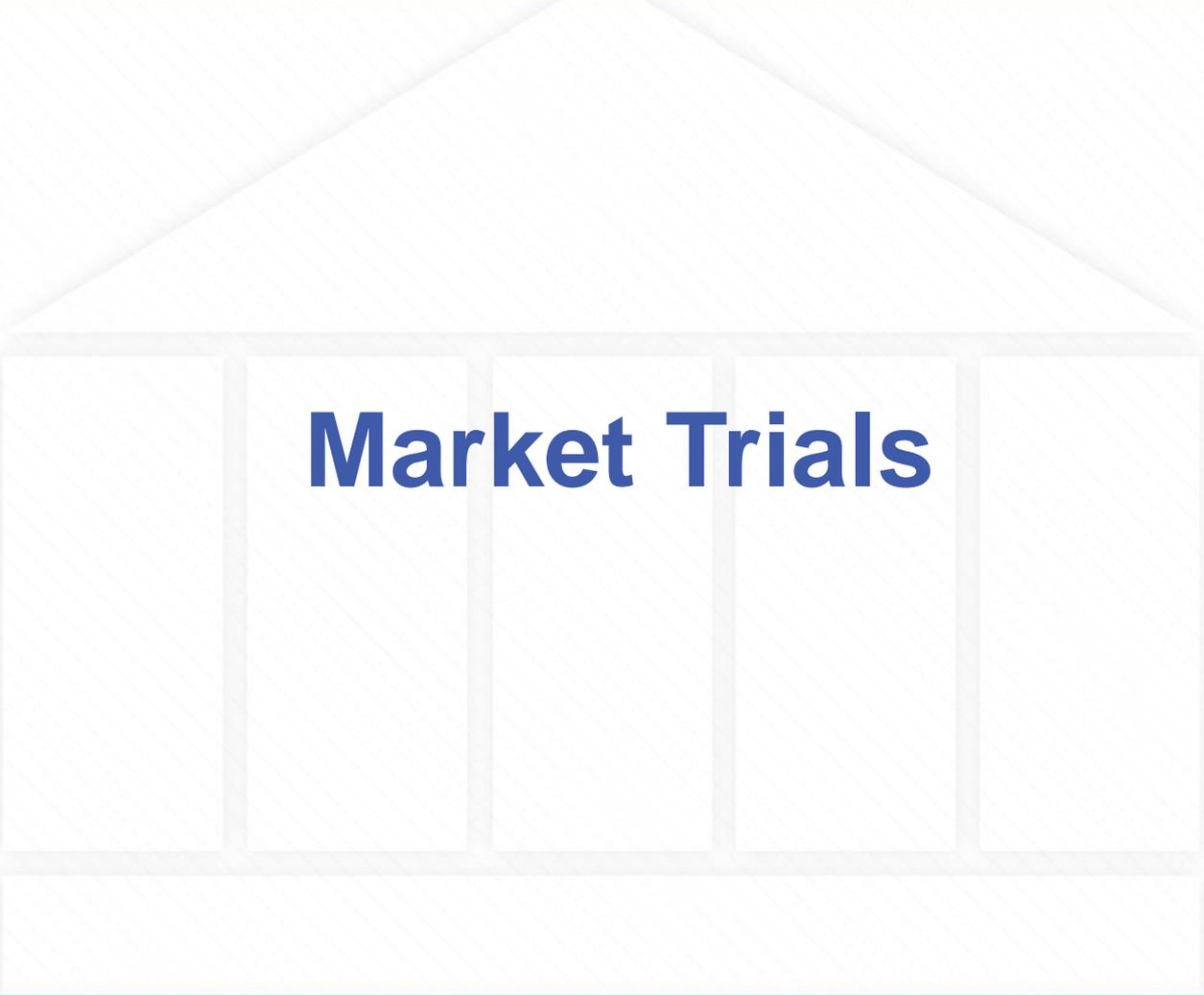
 Increased Risk - Urgent mitigation required

 At Risk - Manageable with mitigation

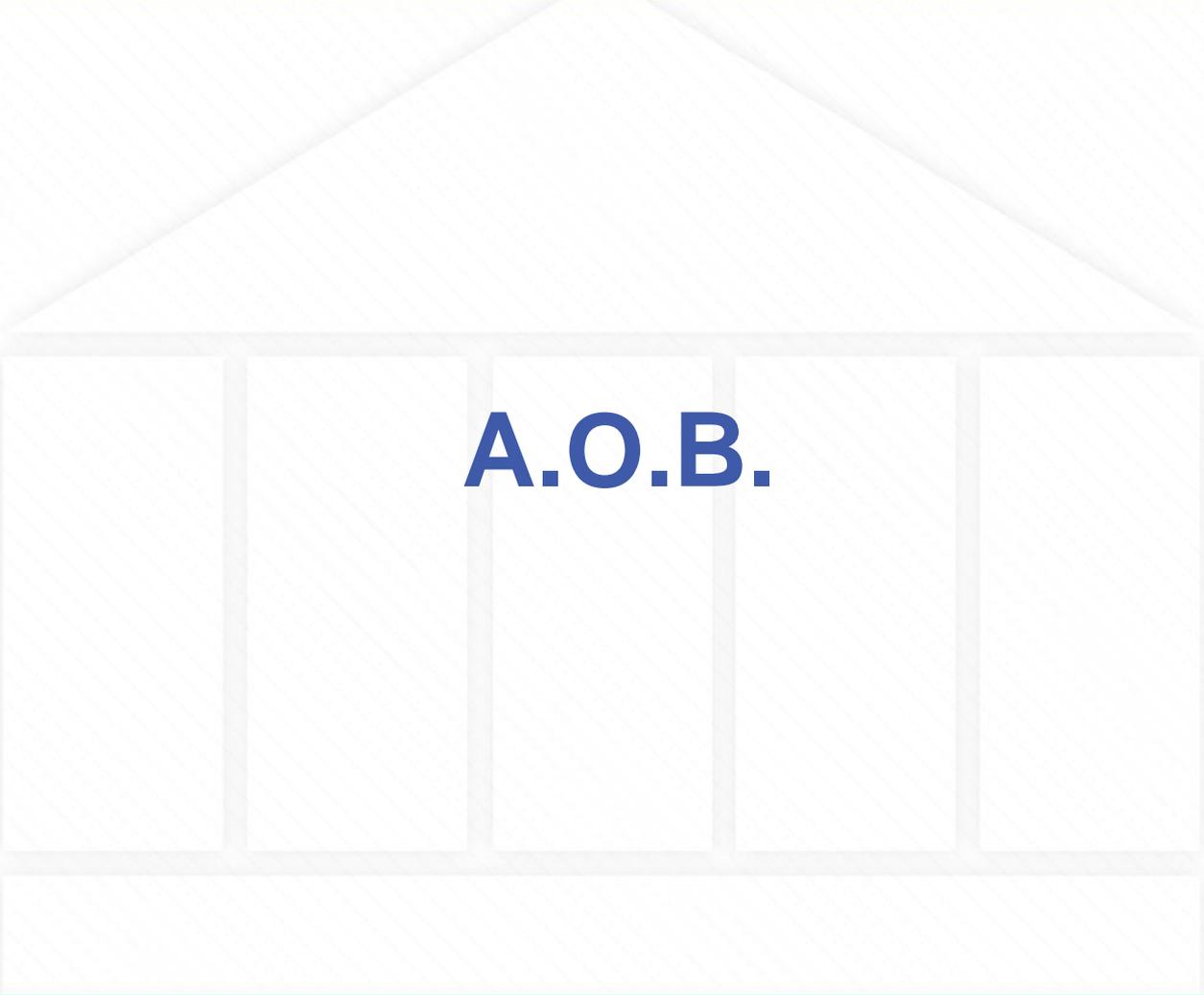
 On track - But being closely monitored

 On track

 Complete



# Market Trials



**A.O.B.**

# Future DSG CSSC Meetings and Proposed Topics

DSG Meeting		Provisional Agenda
4	11/07/2019	Supplier Switching
		Change of Shipper
		Opening Reads
5	25/07/2019	Gemini
		Meter Point Creation
		APIs
6	16/08/2019	Shipper Withdrawals
		Forced Registration
		Bulk Transfers
7	04/09/2019	Data Enquiry
		Reporting
		File Formats
8	17/09/2019	<i>Contingency</i>