DSC Change Proposal Document

Customers to fill out all of the information in the sections coloured
Xoserve to fill out all of the information in the sections coloured

A1: General Details

Change Reference:	XRN4941		
Change Title:	Auto updates to meter read frequency (MOD0692)		
Date Raised:	03/05/2019		
Sponsor Representative Details:	Organisation:	Total Gas & Power	
	Name:	Louise Hellyer	
	Email:	louise.hellyer@totalgp.com	
	Telephone:		
Xoserve Representative Details:	Name:	Fiona Cottam	
	Email:	Fiona.Cottam@Xoserve.com	
	Telephone:		
Change Status:	☐ Proposal	☐ With DSG	☐ Out for Review
	☐ Voting	☒ Approved	☐ Rejected

A2: Impacted Parties

Customer Class(es):	☒ Shipper	☐ Distribution Network Operator
	☐ NG Transmission	☐ IGT
	☐ Other	<If [Other] please provide details here>

A3: Proposer Requirements / Final (redlined) Change

Change Description:	The Modification proposes that the CDSP should be given the authority to make changes to the Meter Read Frequency in the following circumstances: a) Where the AQ of a meter point increases to 293,000 kWh or above, the Meter Read Frequency should be amended to Monthly (if not already set to that value) with effect from the effective date of the new AQ. b) Where the Supply Point Register is updated to show that the meter point has either a Smart meter or Automated Meter Reading Equipment fitted, the Meter Read Frequency should be amended to Monthly (if not already set to that value) with immediate effect. In addition, a set of one-off transitional activities is proposed to give a step-change improvement. A one-off exercise would be

	undertaken to identify all existing sites with incorrect non-Monthly Meter Reading Frequencies and amend the frequency to Monthly: a) Where a meter point has an AQ equal to or above 293,000 kWh. b) Where the Supply Point Register shows that the meter point has either a Smart meter or Automated Meter Reading Equipment fitted.	
Proposed Release:	Release: Jun 20	
Proposed Consultation Period:	☐ 10 Working Days	☐ 20 Working Days
	☐ 30 Working Days	☐ Other [Specify Here]

A4: Benefits and Justification

Benefit Description:	Correct meter read frequencies will promote higher rates of meter read submission and more accurate AQs, and thus more accurate gas allocation and reconciliation, which will promote competition by reducing the barrier to entry that is currently being created by the high, unexplained levels of Unidentified Gas (UIG)
	What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?
Benefit Realisation:	Upon implementation
	When are the benefits of the change likely to be realised?
Benefit Dependencies:	None identified
	Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other event that the projects has not got direct control of.

A5: Final Delivery Sub-Group (DSG) Recommendations

Final DSG Recommendation:	*Until a final decision is achieved, please refer to section C of the form.*		
	☒ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release X:June 2020		

A6: Funding

Funding Classes:	☒ Shipper	100 %
	☐ National Grid Transmission	XX %
	☐ Distribution Network Operator	XX %
	☐ IGT	XX %
	☐ Other <please specify>	XX %

Service Line(s)	Service area 1: Manage Supply Point Registration At present, Xoserve believes that this change is covered under the following service line: DS-CS SA1 – 56, and therefore there this Change Proposal would have no change to this service line.
ROM or funding details:	
Funding Comments:	

A7: ChMC Recommendation – 12th June 2019

Change Status:	☒ Approve (to proceed to DSG)	☐ Reject	☐ Defer
Industry Consultation:	☐ 10 Working Days	☐ 20 Working Days	
	☐ 30 Working Days	☐ Other [Specify Here]	
Expected date of receipt for responses (to Xoserve)	XX/XX/XXXX		

DSC Consultation Issue:	☒ Yes	☐ No
Date Issued:	18/11/2019	
Comms Ref(s):	2489.11 - RT - PO	
Number of Responses:	6 Reps: four approval responses, one approved the solution but rejected the date and one rejected response	

A8: DSC Voting Outcome 8th January 2020

Solution Voting:	☒ Shipper	Reject
	☐ National Grid Transmission	Please select.
	☐ Distribution Network Operator	Please select.
	☐ IGT	Please select.
Meeting Date:	Click here to enter a date.	
Release Date:	Reject June 20 release and will go back to ChMC in May with Nov 20 approval to see if Appeal decision made,	
Overall Outcome:	☒ No	☐ Yes

A8: DSC Voting Outcome May 4th

Solution Voting:	☒ Shipper	Approved
	☐ National Grid Transmission	Please select.
	☐ Distribution Network Operator	Please select.

	☐ IGT		Please select.
Meeting Date:	04/05/2020		
Release Date:	November 2020		
Overall Outcome:	☐ No	☒ Yes	

A8: DSC Voting Outcome May 13th 2020

Solution Voting:	☒ Shipper		Defer
	☐ National Grid Transmission		Please select.
	☐ Distribution Network Operator		Please select.
	☐ IGT		Please select.
Meeting Date:	13/05/2020		
Release Date:			
Overall Outcome:	☒ No	☐ Yes	As the MOD is yet to be approved pending an appeal, ChMC decided to pull this change from November 20 Release.

A8: ChMC Recommendation – Detailed Design

Change Status:	☒ Approve	☐ Reject	☐ Defer
Industry Consultation:	☒ 10 Working Days	☐ 15 Working Days	
	☐ 20 Working Days	☐ Other [Specify Here]	
DSC Consultation Issue:	☒ Yes	☐ No	
Date Issued:	12/04/2021		
Comms Ref(s):	2808.2 - MT – PO		
Number of Responses:	1 approval, 1 comment only		
Solution Voting:	☒ Shipper		Please select.
	☐ National Grid Transmission		Please select.
	☐ Distribution Network Operator		Please select.
	☐ IGT		Please select.
Meeting Date:	05/05/2021		
Release Date:	Release: November 21 It was agreed at the ChMC meeting on the 12th May that this change would have a reduced scope due to the CSS impacts. A Design Change Pack, for information only, will be sent out in May.		

Section C: DSG Discussion

C1: Delivery Sub-Group (DSG) Recommendations

DSG Date:	20/05/2019		
DSG Summary:	SH stated that the UIG MOD is being discussed at the UIG workgroup and this XRN was raised to look at how we can do this in the system in parallel and aim to feed in potential issues/risks for discussion to develop the MOD. The Modification is looking to give CDSP permissions to update MRF in the following circumstances (below rules will only be applied going forward). • Where a SMP AQ increases past the threshold of 293,000 kWh and is not currently monthly read, CDSP to amend the Meter Read Frequency to Monthly • Where a SMP has either an Smart or AMR meter installed and is not currently monthly read, CDSP to amend the Meter Read Frequency to Monthly Implementation of MOD 0692 is thought to result in having a higher rate of meter readings submitted to produce more frequent and accurate AQ calc to help with UIG. SH went through Considerations (slide 45), changes to MRF will only apply to product Class 4 (Class 1 & 2 SMP's are defaulted to Daily and Class 3 SMP's are defaulted to Monthly) Any MRF updates will need to consider in-flight SPA updates and that these will take precedent over any CDSP updates triggered as part of this change. This change will be discussed further at UIG workgroup. Assumptions will be any sites moving to lower AQ or having devices removed shall remain as monthly (to be confirmed at workgroup) and that no read will be required where MRF has been amended as this is not a billable critical data item. Elly would like to understand further if AQ went over threshold by accident in error need to bring a code to correct it. What is the impact and how will it be processed. UIG needs to be informed enough to know impacts to processes. SPC file (S34 record) is used by Shippers to update the MRF of a Supply Meter Point. SH went through 3 potential solutions (slide 47) from the initial capture session, some may be discredited depending on effort and there may be more to come, we'll keep DSG posted on progress of this XRN and the modification..		
Capture Document / Requirements:	N/A		
DSG Recommendation:	☐ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

C2: Delivery Sub-Group (DSG) Recommendations

DSG Date:	03/06/2019
DSG Summary:	SH stated this change has been raised in line with the ongoing MOD692 which looks to grant the CDSP permission to update a Supply Meter Point's (SMP) Meter Read Frequency (MRF) under the following circumstances: The MOD has 2 requirements 1. Where a SMP increases past the threshold of 293,000KWh and site is not on a monthly meter read frequency, the MRF should be set to monthly. 2. Site has either a Smart AMR meter installed and is not a monthly meter read frequency; the MRF should be set to monthly. Due to it being a part of UIG, scope needed to be set for June 2020 at ChMC. Sean Cooper stated that Shippers should be taking responsibility for this data and not be reliant on CDSP to intervene and that there seems to be a number of UIG changes that are facilitating CDSP intervention (Example, class 1 change and correction factor change). SC is concerned that the industry is drifting into a multitude of changes and asking the CDSP to default values given, when actually if Shippers are following their obligations those values should have already been updated. This involves keeping current data up to date before the AQ value is taken monthly. PO asked DSG in particular SC and EL, putting any concerns to the side, is DSG happy for this to proceed and be set into June 2020 scope? DSG agreed but will raise points in the UIG workgroup sessions. In Addition SH gave DSG an overview of Solution Option 1. As part of this change, the Meter Read Frequency will be updated as part of AQ Updates above 293,000 kWh. Below is the list of changes: • Rolling AQ and AQ Correction needs to be updated to provide a trigger whenever there the AQ goes above the threshold value of 732,000 kWh. • New report needs to be developed to update the Meter Read Frequency for AQ and asset updates. AQ updates can be checked from the trigger and asset changes will be scanned from the system. The updates will be done post AQ and Asset Live date. • New Report needs to be developed for the cutover in order to align all the Meter Read Frequency for the entire UK Link portfolio. MRF updates via SPA process will take precedence over the data cleansing activity during cutover. The Assumptions for this are: • Market Trials costs are not considered. • Performance Testing will be required. • Only Class 4 sites are in scope.

	• Shippers will be notified on M-7 via NRL for the AQ change where MRF needs an update. • Shippers will be notified with RGMA flow responses for the asset updates. • Sites which have a decrease in AQ from 293,000 kWh remain As Is. • Meter Read Estimation will not be done. • New Report to update the MRF needs to be aligned with Capacity/Commodity runs (in terms of batch timings). The overall impact set on this change from the HLSOA is Medium, set to be within a Major release type. Also the cost estimate for this change is between £30,000 - £40,000. In addition, the process areas that are affected by this change solution are Rolling AQ, SPA and RGMA.		
Capture Document / Requirements:	N/A		
DSG Recommendation:	☐ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

C2: Delivery Sub-Group (DSG) Recommendations

DSG Date:	17/06/2019		
DSG Summary:	SH presented this agenda item. SH stated the MOD is extended for 3 months which could cause the CP to change quite a bit. This would normally go to HLSO but due to the delay it has not as yet. PO and SH agreed that this Change Proposal will have the prioritisation score read in future DSG once the MOD outcome is back, providing any changes to the MOD can be reflected in the prioritisation score of the Change Proposal.		
Capture Document / Requirements:	N/A		
DSG Recommendation:	☐ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

DSG Date:	18/11/2019		
DSG Summary:	SH provided a verbal update for this change relating to discussion held, due to timelines of meetings and need for steer to feed Detailed Design Change Pack, with DSG members outside of DSG. A specific scenario surrounding Shipper Transfer was discussed and a steer provided as outlined below (Change Pack extract) and we wanted to bring it to DSG for information. It was proposed that in the scenario below we could amend the TRF process to look for future dated MRF's, however this option would not be advised due to the regression testing needed for all potential transfer scenarios and the risk of adding in future dated MRF time-slices within the CDSP system. DSG members asked agreed with the approach to not amend the TRF process, but the CDSP are to ensure that, if the Meter Read Frequency has been updated between D and D-1, issue an unsolicited .SCR file to the Incoming Shipper (as well as the Registered Shipper) informing them of the Meter Read Frequency amendment. Detailed Design Change Pack for this was issued out to the industry on the 18th November 2019. **Shipper Transfer Scenario:** Please be aware that if a Shipper Transfer/Re-Confirmation is due to go live on D (D being the Confirmation Effective Date) and the CDSP is updating the Supply Meter Point's Meter Read Frequency at either D-1 or D, the .TRF file issued at D-2 to the Incoming Shipper will contain the non-compliant Meter Read Frequency value and therefore would not be reflective of the Meter Read Frequency to be updated by the CDSP. However, once the Meter Read Frequency has been updated by the CDSP on either D or D-1, an unsolicited .SCR file will be sent to the Incoming Shipper informing them of the Meter Read Frequency amendment.		
Capture Document / Requirements:	N/A		
DSG Recommendation:	☐ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

DSG Date:	22/02/2021
DSG Summary:	SH presented this agenda item. SH provided an overview which can be found in the slide deck. SH stated that detailed design is ongoing and impact assessment against XRN5142 has found a potential rule change. This is against what was previously discussed at DSG in relation to XRN5142. **Problem Statement** • Modification 0692S Final Modification Report (at the time of publication) assumes that all S2 meters are SMART devices and therefore communicating accordingly (Logic #3) • As per discussion surrounding the withdrawn appeal on 0692S, S2 devices have the potential to be non-communicating, so the

	assumption that these should have the MRF amended challenged (Logic #3) • We also identified an issue in relation to Cosmetic Meter Exchange (same asset), the entity updating via RGMA within UK Link, will have the installing Supplier recorded (although the asset was, in reality in situ when the RGMA update was received) thus complicating the CDSP's ability to accurately determine if the Installing & Current Suppliers match (Logic #2). SH advised the proposal from Xoserve is that in the light of progression of XRN5142 and it being an agreed dependence of XRN4941, Xoserve propose that the rule for identifying an Operational SMART Device be simplified: 1. DCC Flag Value of "A" = SMART 2. DCC Flag Value not "A" = Non-SMART 3. DCC Flag Value not "A" and AMR Device installed = SMART SH added that this is in accordance with the modification0692S final modification report although it had been brought forward. In addition, the reliance will be on the DCC to update accordingly and in specific for S1/NS meters. This is as per the scenarios outlined in the slide deck. SH stated that by introducing the simplified rules, this would look to reduce the risk of the CDSP amending a Supply Meter Points MRF where the Shipper is unable to carry out its obligation effectively. SH also asked DSG if anyone would like further clarity on this or discussion, SH is available to schedule a call with customers.
Capture Document / Requirements:	N/A
DSG Recommendation:	☐ Approve ☐ Reject ☐ Defer
DSG Recommended Release:	Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY

DSG Date:	22/03/2021
DSG Summary:	SH provided some verbal clarification on this agenda item. SH stated that the Change pack issued previously for this Change references when the CDSP carries out a Meter Read frequency amendment it will notify Shippers accordingly that that activity has been carried out via an unsolicited SCR file. This is a standard response file that is normally sent out. SH advised that the proposal is to issue this notification out in an SCR file, but this will not be unsolicited unless the shipper has not provided the CDSP with any changes to the MPRNs for that particular day. Therefore, Xoserve is looking to include an unsolicited record within the SCR file so a separate file will not be unsolicited. SH added this will be issued out in a Change Pack and if there are any concerns or issues, they can be submitted via the Change Pack Responses.
Capture Document / Requirements:	N/A
DSG Recommendation:	☐ Approve ☐ Reject ☐ Defer
DSG Recommended Release:	Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY

<table>
<tr><td>DSG Date:</td><td>26/04/2021</td></tr>
<tr><td>DSG Summary:</td><td>MN presented this agenda item. MN provided an overview of this Change. MN stated that the change will allow Xoserve to update a Meter Read Frequency (MRF) to monthly for Meter Points in Class 4 when it meets one of more of the following criteria:
<table>
<tr><th>Criteria</th><th>Processes triggering the MRF update to Monthly</th></tr>
<tr><td>AQ =>293,000 kWh</td><td>The Rolling AQ, AQ Correction or Seasonal Normal Review processes</td></tr>
<tr><td>AMR Device installed</td><td>RGMA activity</td></tr>
<tr><td>Operational Smart Meter installed</td><td>The DCC Service Flag is set/updated to A (Active) by the DCC</td></tr>
</table>
<table>
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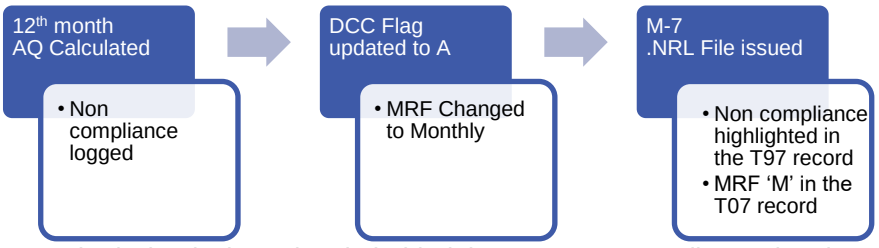
<tr><td>Operational Smart Meter installed</td><td>The DCC Service Flag is set/updated to A (Active) by the</td></tr>
</table>
Furthermore, new validations will also be added to .SPC, .CNF and .NOM files to check that the MRF is set to Monthly where an AMR device is installed or there is a DCC Service Flag of A. If a non-monthly read frequency is requested the file will be rejected using the existing rejection code MRF00012 (Meter Reading Frequency is not acceptable for the Meter Point). Where the AQ is equal to 293,000 kWh or above these will be rejected with rejection code MRF00013 (Requested Meter Reading Frequency is below minimum acceptable for the AQ of the Supply Point). MN added that the unsolicited SCR record/ file will be issued to inform Shippers that there has been an amendment made to the MRF. The optional field ‘NOMINATION_SHIPPER_REFERENCE’ will be blank. Furthermore, there are a number of Supply Meter Points that currently meet the criteria for updating and therefore require a monthly MRF. This will be carried out as a cut over activity to identify and update these sites</td></tr>
</table>

<table>
<tr><td></td><td>and an SCR file/record will be issued. EL asked that alongside the SCR file, would there be a supporting report issued, is that correct? MN clarified there will be no supporting report issued and that there will be some context provided within the file/record.
<u>XRN4941 – For Awareness</u>
MN stated that there is a dependency on XRN5142 (SEC MP077) – New allowable values for DCC service flag in DXI file from DCC). MN added that this looks to introduce new DCC service Flags and include a mass update activity that will result in some Supply Meter Points with DCC Flag of A being changed to a different Service Flag.
Shipper Transfer Scenario
If a Shipper Transfer/Re-Confirmation is due to go live on D (the Confirmation Effective Date) and we are updating the Meter Read Frequency at either D-2, D-1 or D, the .TRF file issued at D-2 to the Incoming Shipper will contain the non-compliant Meter Read Frequency value. Once the Meter Read Frequency has been updated, on D, an unsolicited .SCR file/record will be sent to the Incoming Shipper.
Read Obligations
Supply Meter Points that have a monthly Meter Read Frequency require a valid meter read at least once every 4 months. Where a valid read has not been accepted with a Read Date within the preceding 4 months the Must Read process will be triggered.
Sites that no longer require a monthly Meter Read Frequency
If a Supply Meter Point no longer meets the criteria for a mandatory monthly Meter Read Frequency, they will continue to remain monthly read unless a Shipper changes the frequency to non-monthly (6 monthly or annually) using existing SPA processes.
.NRL File - MRF Non Compliance notification
The non compliance data item (MRF_NON_COMPLIANCE) is set when the AQ is calculated (on the 12th each month) and the AQ has increased to 293,000 kWh or above and doesn't have a monthly MRF.
If we update the MRF based on other activity (i.e. DCC Service Flag set to A) prior to the .NRL being issued to Shippers (M-7 of the month) the MRF non compliance data item will still be set however the MRF (MRF_TYPE_CODE) will show the MRF value as monthly.
 

OM asked what is the rationale behind the MRF non-compliance data item now being updated even if the MRF value has been updated? MN stated that this is due to how the MRF and non-compliance is generated now. MN added that it was agreed outside of DSG that this would run independently to the MRF.</td></tr>
<tr><td>Capture Document / Requirements:</td><td colspan="3"><Insert where appropriate></td></tr>
<tr><td>DSG Recommendation:</td><td>☐ Approve</td><td>☐ Reject</td><td>☐ Defer</td></tr>
<tr><td>DSG Recommended Release:</td><td colspan="3">Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY</td></tr>
</table>

DSG Date:	24/05/2021		
DSG Summary:	MN presented this agenda item. MN provided a brief background on this and was stated that for all changes in scope of November 2021, an impact assessment was carried out against the Central switching service (CSS) and the central switching service Consequential Change (CSSC) programs. MN explained that XRN4941 had within its original scope three components which impact the design of CSSC and therefore could not be implemented prior to CSS. Furthermore, ChMC in May decided to reduce the current scope for XRN4941 to remove these components from the design, effectively removing the risk to CSSC and ensure the CDSP can still implement a solution that conforms to modification 0692 requirements. The below highlights the three components in question. - There will be no validation added to the .NOM file processing (to reject an nomination if a non monthly read frequency is requested where there is an AMR device or DCC Service Flag of active*) - There will be no validation added to the .CNF file processing (to reject an nomination if a non monthly read frequency is requested where there is an AMR device or DCC Service Flag of active*) - There will be no changes made to the MRF at D-2, D-1 or on D when there is a Shipper Transfer or Reconfirmation. MN added that removing these components will allow sites to be registered with a non-compliant MRF, therefore Xoserve will add an additional batch job to identify any sites that have had a Shipper Transfer or Reconfirmation with a non-compliant Meter Read Frequency and update the MRF to monthly as soon as possible once the Shipper Transfer or Reconfirmation is live. The Shipper will be notified about the updated MRF via an unsolicited SCR file/record. EL stated she has sent over a number of questions to SH regarding this Change. MN to work with SH on the response to EL's questions that have been emailed over. MN stated that there are high level components lists that can be viewed in the slide deck and show clearly that if they have MOD requirements and whether they are from the new scope and original scope. NMc asked if the questions and answers stated by EL can be published for other customers to view.SH stated that he will look to have them either published within the minutes of this meeting or discussed and presented at the next DSG meeting.		
Capture Document / Requirements:	N/A		
DSG Recommendation:	☐ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

Section D: High Level Solution Options

D1: Solution Options

Solution Option Summary:	Due to the nature of the change, only one solution option is being considered. The HLSO was presented and discussed at DSG 03/06/2019. Solution Option 1: Amend the Meter Read Frequency as part of a successful Rolling AQ calculation (Monthly or Correction) and Asset Updates.  XRN4941 - High Level Solution Optic This involves feeding of triggers from a number of BAU processes to be considered for a Meter Read Frequency (MRF) amendment by the CDSP. The change also involves some amendments to existing SPA validations where Shippers are looking to amend the MRF of a Supply Meter Point and be rejected by the CDSP if the rule set out in the modification are broken.
Xoserve preferred option: (including rationale)	Solution Option 1
DSG preferred solution option: (including rationale)	Solution Option 1
Consultation closeout:	N/A

Impact on Service Line(s) and funding (A6) for each Solution Option:	(If differ from original assessment in A6)

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2489.11 - RT - PO
Comm Title:	XRN4941 - Auto Updates to Meter Read Frequency - Detailed Design
Comm Date:	18/11/2019

G2: Change Representation

Action Required:	For representation
Close Out Date:	02/12/2019

G3: Change Detail

Xoserve Reference Number:	XRN4941
Change Class:	Functional Processing
ChMC Constituency Impacted:	Shippers
Change Owner:	Simon Harris Customer Change Service Development Specialist simon.harris@xoserve.com 0121 229 2642
Background and Context:	This change has been raised in line with the ongoing development of Modification 0692S (Automatic updates to Meter Read Frequency) which looks to grant the CDSP permission to update the Meter Read Frequency (MRF) for Product Class 4 Supply Meter Point's (SMP) under the following circumstances: 1) Where a Supply Meter Point's Annual Quantity value is amended to 293,000 kWh or above on the Supply Point Register and does not currently have a monthly Meter Read Frequency 2) Where a Supply Meter Point has either an Operational SMART or AMR Meter installed/updated on the Supply Point Register and does not currently have a monthly Meter Read Frequency 3) Where a Supply Meter Point has a DCC Service Flag of 'active' on the Supply Point Register and does not currently have a monthly Meter Read Frequency In the above circumstances, the Meter Read Frequency of the Product Class 4 Supply Meter Points should be amended to monthly by the CDSP.

	At the point of publication of this Detailed Designed Change Pack, Modification 0692S has yet to be approved and as a result the work being undertaken as part of this change is depended on the outcome of that decision. There is a risk that if the Modification is sent back to workgroup the proposed rules set out there within could change, resulting in the need for a revised Detailed Design Change Pack being issued or XRN4941 being de-scoped from June-2020 entirely.

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Supply Point Administration (SPA), RGMA
Non-Functional:	None
Application:	SAP ISU
User(s):	Shipper
Documentation:	DSC Service Line Amendment
Other:	None

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
N/A	N/A	N/A	N/A	N/A

G5: Change Design Description

Link to CP

OVERVIEW

Modification 0692S is looking to give the CDSP the ability to amend a Meter Read Frequency for Product Class 4 Supply Meter Points to monthly where the current Meter Read Frequency is classed as 'non-compliant'. A non-compliant Meter Read Frequency value for Product Class 4 Supply Meter Points is defined as having a non-monthly frequency AND has one or more of the following:

1. An Annual Quantity value of 293,000 kWh or above
2. A Operational SMART or AMR device installed
3. A DCC Service Flag of 'active'

Notification of Meter Read Frequency Amendments

Please note that within Modification 0692S there is no requirement for the CDSP to inform the Registered Shipper of a non-compliant Meter Read Frequency, nor is there a requirement to give the Registered Shipper time to amend the Meter Read Frequency before the CDSP intervenes and there is also no requirement to inform the Registered Shipper of the CDSP having taken any action with regards to the Meter Read Frequency update.

However, as discussed at DSG on the 4th November 2019, the CDSP felt it necessary to inform the Registered Shipper of any action taken by the CDSP as a result of enforcing the rules defined in the Modification in regard to a Supply Meter Point's Meter Read Frequency value. This is so Shippers are aware of their revised obligations regarding read submission and billing rates for CFI charges (Customer Fixed Charge for Capacity billing). This notification is to be issued out to the Registered Shipper by way of an unsolicited .SCR (Supply Meter Point Amendments Response) file containing detail of the revised Meter Read Frequency values, details of which can be found later in this Change Pack.

Reversal of CDSP Meter Read Frequency Amendments
It should be noted that, Modification 0692S explicitly states that if a Product Class 4 Supply Meter Point has its Meter Read Frequency amended to monthly by the CDSP, and a future activity occurs where it no longer requires the Meter Read Frequency to be set as monthly, the CDSP will **not** amend a Supply Meter Points Meter Read Frequency away from monthly. It would be up to the Shipper to amend this to a more appropriate value if required via standard SPA transaction.

Determination of an Operational SMART Meter Device
Operational Smart Meter means where a Meter Reading is capable of being able to be retrieved from the asset and made available to the Registered Supplier. For the avoidance of doubt the CDSP shall determine the Smart Meter as being Operational where:

a) A Meter is installed with a NS or S1 Meter Mechanism where the Installing Supplier is the current Registered Supplier;
a) A Meter is installed with a Meter Mechanism of S2; or
b) The DCC Flag recorded as 'active'

For the avoidance of doubt, as discussed in DSG on the 4th November 2019 where the Installing Supplier and the Current Supplier matches, but there has been a different Supplier present on the Supply Meter Point in-between these 2 dates, the installed Meter Device will still be considered as Operational SMART.

It is expected that a DSC Service Line will be introduced as a result of the implementation of this change to detail this obligation.

ENDURING PROCESS

This change is looking to introduce triggers within CDSP systems from a number of processes for Product Class 4 Supply Meter Points to review and subsequently update the Meter Read Frequency to monthly. These triggers are internal to the CDSP Systems and will be generated where one of the following occurs on a Product Class 4 Supply Meter Point:

1) Annual Quantity value is revised (via Rolling AQ or AQ Correction processes) to 293,000 kWh or higher
2) A Operational SMART Meter is installed/exchanged or amended
3) An AMR device is installed
4) The DCC flag is set/updated as 'active'
5) Change of Supplier event that amends the installed S1 Meter to be classed as Operational SMART

Annual Quantity

When an AQ value is revised, either through the Rolling AQ and AQ Correction process/tool a check will be made if the revised AQ of the site is equal to or greater than 293,000 kWh. If so and the Supply Meter Point is a Product Class 4 and has a non-monthly Meter Read Frequency then the CDSP will create a trigger to update the Meter Read Frequency value to monthly on the Effective Date of the revised AQ (i.e. 1st of the following month).

RGMA Transactions
Where an RGMA transaction is successfully processed in the Supply Point Register for the installation, exchange or amendment of an Operational SMART Meter or AMR Device, the Supply Meter Point is within Product Class 4, and has a non-compliant Meter Read Frequency then the CDSP will create a trigger to update the Meter Read Frequency value to monthly immediately (i.e. the day the RGMA transaction was processed, not the Device Update Effective Date as this can be an historical date).

DCC Flag
Where the DCC Flag is successfully set or updated to 'active' (via the .DXI (DCC Status Update) file) in the Supply Point Register on any Product Class 4 Supply Meter Point and has a non-compliant Meter Read Frequency then the CDSP will create a trigger to update the Meter Read Frequency value to monthly as soon as possible following the processing of the successful DXI update.

Organisation (Supplier) Changes
Where a Supplier is being amended, that results in a change to the determination of an installed S1/NS meter being classed as an Operational SMART device (i.e. the Incoming Supplier is now the same as the Installing Supplier, where previously it wasn't) and as a result the Product Class 4 Supply Meter Point has a non-compliant Meter Read Frequency, the CDSP will create a trigger to update the Meter Read Frequency to monthly as soon as possible (following the effective date of the Shipper update).

Unsolicited .SCR File
Generation of the .SCR file to be issued to the Registered Shipper informing them of a CDSP amendment to the Meter Read Frequency will conform to the standard population for BAU SCR files containing the S03 segment (file will also include standard A00 and Z99 segments). The only differences will be the mandatory data item [OUTCOME_CODE] will be defaulted to 'AC' value and the Optional [NOMINATION_SHIPPER_REFERENCE] will be BLANK as no inbound file will be provided to draw the data from, all other data items shall be populated where available.

Shipper Transfer Scenario:
Please be aware that if a Shipper Transfer/Re-Confirmation is due to go live on D (D being the Confirmation Effective Date) and the CDSP is updating the Supply Meter Point's Meter Read Frequency at either D-1 or D, the .TRF file issued at D-2 to the Incoming Shipper will contain the non-compliant Meter Read Frequency value and therefore would not be reflective of the Meter Read Frequency to be updated by the CDSP. However, once the Meter Read Frequency has been updated by the CDSP on either D or D-1, an unsolicited .SCR file will be sent to the Incoming Shipper informing them of the Meter Read Frequency amendment.

UPDATE OF EXISTING NON-COMPLIANT SUPPLY METER POINTS

As the code changes needed for the enduring solution to allow the CDSP to enforce the Modification rules will be prospective only post implementation, there will be a number of existing Product Class 4 Supply Meter Points where the Meter Read Frequency will remain non-compliant, as the triggers for the enduring process will only review the Meter Read Frequency if anything changes at the Supply Meter Point relating to DCC, Asset Details, Annual Quantity and organisation changes. To counteract this, a cut-over activity will be carried out in conjunction with the code deployment for June-2020 to identify all current Product Class 4 Supply Meter Points that are non-compliant (at the point of deployment) and update the Meter Read Frequency to monthly.

The Product Class 4 Supply Meter Points to be considered for an amendment to the Meter Read Frequency will be ones that fail any of the following criteria and has a non-monthly Meter Read Frequency:

1. Where a Supply Meter Point's Annual Quantity value is 293,000 kWh or above
2. Where a Supply Meter Point has either an Operational SMART Meter (as outlined above) or AMR Meter installed
3. Where a Supply Meter Point has a DCC Service Flag of 'active'

Where the CDSP has made an amendment to the Meter Read Frequency for the above Product Class 4 Supply Meter Points, as with the enduring solution, an unsolicited .SCR (Supply Meter Point Amendments Response) file will be issued to the appropriate Shipper(s).

NEW VALIDATIONS FOR SUPPLY POINT ADMINISTRATION

Existing Process:
Currently, if a Shipper (via SPA transactions SPC, NOM & CNF) attempts to update the Meter Read Frequency on Product Class 4 Supply Meter Points to non-monthly and the Annual Quantity is equal to or greater than 293,000 kWh, then the transaction will be rejected back to the submitting Shipper with rejection code of MRF00013 *(Requested Meter Reading Frequency is below minimum acceptable for the AQ of the Supply Point)* as it's Meter Read Frequency is required to be monthly. This validation aligns to part of the rules being introduced as part of Modification 0692S however does not cover them all.

Amended Process:
As discussed and recommended in DSG on the 4th November 2019, new validations are to be introduced as part of this change to Supply Point Administration processes SPC, NOM & CNF to check if the requested Meter Read Frequency is compliant with all the rules set out in Modification 0692S.

As a result, if the Shipper attempts to update the Meter Read Frequency to non-monthly for a Product Class 4 Supply Meter Points where there is either, presence of an Operational SMART Meter, DCC flag set as 'active' or an AMR device is installed the non-compliant transaction will be rejected back to the submitting Shipper.

For completeness, the following highlights the approach taken for all effected SPA transactions.

> **SPC:** Any inbound .SPC (Supply Meter Point Amendment) files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within either the S34 (MRF and Batch Frequency Change Request) or C38 (Class Change) record segments conform to the new rules, and if not, reject the record

back to the submitting Shipper with a rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point)*.

NOM: Any inbound .NOM (Nomination Request) files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within the S48 (SMP Nomination Request) record segment conform to the new rules, and if not, reject the record back to the submitting Shipper with a rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*).
Please note that as no Supplier is provided within Nomination Request inbound files, no check can be made regarding the Installing Supplier vs Proposing Supplier for the determination of S1/NS meters being Operational SMART, so no rejection shall be provided and the Nomination Request will be processed.

CNF: Any inbound .CNF (Confirmation Request) files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within the S42 (SSP Confirmation) & S38 (LSP Confirmation) record segment conform to the new rules, and if not, reject the record back to the submitting Shipper with a rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*).
Please note that for LSP Confirmations, the Meter Read Frequency value is provided in the Nomination Request, so if any changes occur between NOM and CNF processing, the CNF may be rejected if the requested Meter Read Frequency is subsequently deemed as non-compliant.

For the avoidance of doubt, no changes are being made to the inbound or outbound file formats relating to the above validation amendments due to the utilisation of existing rejection code and reasons.

ADDITIONAL INFORMATION

.NRL File (MRF_NON_COMPLIANCE):

For the avoidance of doubt, no changes are being made to the population of the MRF_NON_COMPLIANCE data item within the .NRL file that is issued out to Shippers informing them of AQ value changes and this will remain BAU following implementation of this change. This is because the Annual Quantity trigger is not the only way a Meter Read Frequency can become non-compliant in accordance with the Modification and the .NRL file solely relates to the Annual Quantity process and should not be sent for other system processes (RGMA etc).

Potential disparity within the .NRL File:

For clarification, the MRF_NON_COMPLIANCE data item is set within UK Link when the AQ is calculated (12th of the month). This data item is then sent contained within the .NRL file (T97) to the appropriate Shipper(s) at M-7. If the Meter Read Frequency is amended after the population of the MRF_NON_COMPLIANCE data item but before the .NRL file is issued, then the MRF_TYPE_CODE referenced within the (T04 Record) will be the newly updated Meter Read Frequency. So there may be a disparity between the MRF_NON_COMPLIANCE data item (within the T97 record) and the MRF_TYPE_CODE (within the T04 record) referenced in the .NRL file, however this is current functionality so highlighting this for awareness.

G6: Associated Changes

Associated Change(s) and Title(s):	None

G7: DSG

Target DSG discussion date:	N/A
Any further information:	N/A

G8: Implementation

Target Release:	June-2020
Status:	Approved

Section H: Representation Response

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	NGN	
	Name:	Helen Chandler	
	Email:	HChandler@northerngas.co.uk	
	Telephone:	07580704123	
Representation Status:	Support		
Representation Publication:	Publish		
Representation Comments:	We support the proposal to allow the CDSP to amend the Meter Read Frequency for Class 4 sites where the specified criteria have been met, with the caveat that the Must Reads reports for Transporters remain up to date and accurately reflect these changes.		
Confirm Target Release Date?	Yes	«h1_userDataAlternative»	

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Npower Ltd	
	Name:	Alison Price	
	Email:	alison.price@npower.com	
	Telephone:	07557202065	
Representation Status:	Large Shipper		
Representation Publication:	Publish		
Representation Comments:	No comments		
Confirm Target Release Date?	Yes	«h1_userDataAlternative»	

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	EDF Energy
	Name:	Eleanor Laurence
	Email:	eleanor.laurence@edfenergy.com
	Telephone:	07875117771
Representation Status:	Reject - see comments	
Representation Publication:	Publish	
Representation Comments:	We approve this where AQ changes above 293000kwh However we reject the other instances - we do not believe that data held by CDSP will always be accurate or within out control and therefore this will lead to problems e.g. decisions on MRF will be potentially based on inaccurate information such as meters which are defined as S2 by some iGTs but will never be in DCC. Also once DCC flag is active it cannot be switched off even if it is apparent that data is wrong so again will never be smart. In these instances we will be expected to read monthly and will not always be able to do so.	
Confirm Target Release Date?	No	As above

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation. Regarding your concerns with the proposed solution, we are, for XRN4941, following the rules set out in the related modification. The determination of SMART enabled Supply Meter Points and the concerns with them should be raised and discussed at UNC Distribution Workgroup.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	E.ON	
	Name:	Kirsty Dudley	
	Email:	Kirsty.Dudley@eonenergy.com	
	Telephone:	07816172645	
Representation Status:	Response		
Representation Publication:	Publish		
Representation Comments:	We are supportive of the solution and have no concerns on this, however, we are not supportive of the implementation date proposed, currently the modification has not been approved nor been given direction on when the principles will become effective in code. We would prefer this approved with the 6 months implementation notice post modification approval, therefore we suggest Nov 2020 implementation instead of June 2020.		
Confirm Target Release Date?	No	See comments re implementation date	

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Orsted
	Name:	Lorna Lewin
	Email:	lolew@orsted.co.uk
	Telephone:	02074511974
Representation Status:	Approve	
Representation Publication:	Publish	
Representation Comments:	This change supports the requirements set out in UNC Modification 0692S which is currently out for consultation. This change will require internal system changes.	
Confirm Target Release Date?	Yes	«h1_userDataAlternative»

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Scottish Power	
	Name:	Helen Bevan	
	Email:	Helen.Bevan@scottishpower.com	
	Telephone:	01416145517	
Representation Status:	Support		
Representation Publication:	Publish		
Representation Comments:	N/A		
Confirm Target Release Date?	Yes	«h1_userDataAlternative»	

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

ChMC Recommendation

ChMC Date:	08/01/2020
ChMCSummary:	Minutes from JO Approval of the Design Specification for XRN 4941 Auto updates to meter read frequency (MOD0692) SH presented this Design Specification for approval following further consultation. The proposed solution had been accepted by all parties except one. Another party had accepted the solution but had rejected the implementation date and suggested implementation in November 2020 rather than June 2020. It was clarified by SH that the rejection was concerning non-communicating smart meters and were regarding the rules contained in UNC Modification 0692S rather than the CP and the concerns from this party has been addressed in the consultation. In regards to the proposed implementation date of June 2020, KD

	advised that EON would prefer implementation to be later and included in the November 2020 release. The Committee agreed that implementation date for November would be acceptable and it would give shippers more time to prepare for the change. Bob Fletcher (BF) advised the committee that there was currently an appeal against the decision to implement this Modification and this will be discussed at the UNC Panel next week, where Panel will decide whether they will uphold their decision to implement this Modification or agree with the appeal and reject the Modification. It was raised by SH that if the appeal was upheld, then the CP might have to be withdrawn. It was suggested by KD that without knowing whether the appeal will be upheld, it might be pragmatic to have a placeholder for the agreed elements of this change to be implemented in November 2020. When RH informed the Committee that more clarity would be required around delivery to mitigate any risk to implement this CP, KD expressed concerns around any suggestion of risk. RH advised KD that for this CP the Committee had previously agreed that Xoserve would be working at a risk. KD said she would like Xoserve to review their governance around 'working at risk' and clarify what constitutes 'working at risk' and what measures are taken to mitigate and minimise potential costs. KD and ES discussed this and how the process could be improved when a risk is identified. An action was taken for Xoserve to review their 'working at risk' process. BF was asked about the appeals process and he clarified the Modification Rules sets out the rules for the process. Once a decision is made by Panel on a self-governance Modification for implementation, there is a 15 day window for raising an appeal. If an appeal has been raised in that time, the Panel discuss the issues raised and vote again on whether to continue with their original decision or uphold the appeal. If appeal is rejected, the appealing party can then appeal to Ofgem. In relation to this CP, ES recommended that the CP is moved to the November release window. In the meantime, Xoserve should stop any work on this matter until Panel had considered the appeal to see whether the design solution needed to be changed or withdrawn. Shipper Users were asked to vote to approve moving this CP to the November release and stop any further work on this until a decision was made on the appeal. Shippers and DNOs voted unanimously to approve

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2566.8 – MT - JR
Comm Title:	XRN4941 - Auto Updates to Meter Read Frequency - Detailed Design
Comm Date:	14/04/2020

G2: Change Representation

Action Required:	For representation
Close Out Date:	28/04/2020

G3: Change Detail

Xoserve Reference Number:	XRN4941
Change Class:	Functional Processing
ChMC Constituency Impacted:	Shippers
Change Owner:	Simon Harris Customer Change Service Development Specialist simon.harris@xoserve.com 0121 229 2642
Background and Context:	Please note that this is a re-issue of the Detail Design Change Pack that was issued out in November-2019 for the June-2020 release, it was then agreed that XRN4941 be moved out and into scope of November 2020 release. This change has been raised in line with the ongoing development of Modification 0692S (Automatic updates to Meter Read Frequency) which looks to grant the CDSP permission to update the Meter Read Frequency (MRF) for Product Class 4 Supply Meter Point's (SMP) under the following circumstances: 1) Where a Supply Meter Point's Annual Quantity value is amended to 293,000 kWh or above on the Supply Point Register and does not currently have a monthly Meter Read Frequency 2) Where a Supply Meter Point has either a Smart or AMR Meter installed/updated on the Supply Point Register and does not currently have a monthly Meter Read Frequency 3) Where a Supply Meter Point has a DCC Service Flag of 'active' on the Supply Point Register and does not currently have a monthly Meter Read Frequency

	In the above circumstances, the Meter Read Frequency of the Product Class 4 Supply Meter Points should be amended to monthly by the CDSP. At the point of publication of this Detailed Designed Change Pack for the November 2020 release, Modification 0692S has yet to be approved and is currently awaiting Ofgem decision. As a result, the work being undertaken as part of this change is depended on the outcome of that decision. There is a risk that if the Modification is sent back to workgroup the proposed rules set out there within could change, resulting in the need for a revised Detailed Design Change Pack being issued or XRN4941 being de-scoped from November-2020 entirely.

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Supply Point Administration (SPA), RGMA
Non-Functional:	None
Application:	SAP ISU
User(s):	Shipper
Documentation:	DSC Service Line Amendment
Other:	None

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
N/A	N/A	N/A	N/A	N/A

G5: Change Design Description

OVERVIEW

Modification 0692S is looking to give the CDSP the ability to amend a Meter Read Frequency for Product Class 4 Supply Meter Points to monthly where the current Meter Read Frequency is classed as 'non-compliant'. A non-compliant Meter Read Frequency value for Product Class 4 Supply Meter Points is defined as having a non-monthly frequency AND has one or more of the following:

1. An Annual Quantity value of 293,000 kWh or above
2. A Operational SMART or AMR device installed
3. A DCC Service Flag of 'active'

Notification of Meter Read Frequency Amendments

Please note that within Modification 0692S there is no requirement for the CDSP to inform the Registered Shipper of a non-compliant Meter Read Frequency, nor is there a requirement to give the Registered Shipper time to amend the Meter Read Frequency before the CDSP intervenes and there is also no requirement to inform the Registered

Shipper of the CDSP having taken any action with regards to the Meter Read Frequency update.

However, as discussed at DSG on the 4th November 2019, the CDSP felt it necessary to inform the Registered Shipper of any action taken by the CDSP as a result of enforcing the rules defined in the Modification in regard to a Supply Meter Point's Meter Read Frequency value. This is so Shippers are aware of their revised obligations regarding read submission and billing rates for CFI charges (Customer Fixed Charge for Capacity billing). This notification is to be issued out to the Registered Shipper by way of an unsolicited .SCR (Supply Meter Point Amendments Response) file containing detail of the revised Meter Read Frequency values, details of which can be found later in this Change Pack.

Reversal of CDSP Meter Read Frequency Amendments
It should be noted that, Modification 0692S explicitly states that if a Product Class 4 Supply Meter Point has its Meter Read Frequency amended to monthly by the CDSP, and a future activity occurs where it no longer requires the Meter Read Frequency to be set as monthly, the CDSP will **not** amend a Supply Meter Points Meter Read Frequency away from monthly. It would be up to the Shipper to amend this to a more appropriate value if required via standard SPA transactions.

Determination of an Operational SMART Meter Device
Operational Smart Meter means where a Meter Reading is capable of being retrieved from the asset and made available to the Registered Supplier. For the avoidance of doubt the CDSP shall determine the Smart Meter as being Operational where:

a) A Meter is installed with a NS or S1 Meter Mechanism where the Installing Supplier is the current Registered Supplier;
b) A Meter is installed with a Meter Mechanism of S2; or
c) The DCC Flag recorded

For the avoidance of doubt, as discussed in DSG on the 4th November 2019 where the Installing Supplier and the Current Supplier matches, but there has been a different Supplier present on the Supply Meter Point in-between these 2 dates, the installed Meter Device will still be considered as Operational SMART.

If the CDSP is unable to identify the Supplier at the point of Meter Installation (due to NEXUS migration rules surrounding the Cut Off Move In logic) then this will be treated as not matching with the Current Supplier and therefore the CDSP will not attempt to update the Meter Read Frequency.

It is expected that a DSC Service Line will be introduced as a result of the implementation of this change to detail this obligation.

ENDURING PROCESS

This change is looking to introduce triggers within CDSP systems from a number of processes for Product Class 4 Supply Meter Points to review and subsequently update the Meter Read Frequency to monthly. These triggers are internal to the CDSP Systems and will be generated where one of the following occurs on a Product Class 4 Supply Meter Point:

1) Annual Quantity value is revised (via Rolling AQ or AQ Correction processes) to 293,000 kWh or higher
2) A Operational SMART Meter is installed/exchanged or amended

3) An AMR device is installed
4) The DCC flag is set/updated as 'active'
5) Change of Supplier event that amends the installed S1 Meter to be classed as Operational SMART

Annual Quantity
When an AQ value is revised, either through the Rolling AQ and AQ Correction process/tool a check will be made if the revised AQ of the site is equal to or greater than 293,000 kWh. If so and the Supply Meter Point is a Product Class 4 and has a non-monthly Meter Read Frequency, then the CDSP will create a trigger to update the Meter Read Frequency value to monthly on the Effective Date of the revised AQ (i.e. 1st of the following month).

RGMA Transactions
Where an RGMA transaction is successfully processed in the Supply Point Register for the installation, exchange or amendment of an Operational SMART Meter or AMR Device, the Supply Meter Point is within Product Class 4, and has a non-compliant Meter Read Frequency then the CDSP will create a trigger to update the Meter Read Frequency value to monthly immediately (i.e. the day the RGMA transaction was processed, not the Device Update Effective Date as this can be an historical date).

DCC Flag
Where the DCC Flag is successfully set or updated to 'active' (via the .DXI (DCC Status Update) file) in the Supply Point Register on any Product Class 4 Supply Meter Point and has a non-compliant Meter Read Frequency then the CDSP will create a trigger to update the Meter Read Frequency value to monthly as soon as possible following the processing of the successful DXI update.

Organisation (Supplier) Changes
Where a Supplier is being amended, that results in a change to the determination of an installed S1/NS meter being classed as an Operational SMART device (i.e. the Incoming Supplier is now the same as the Installing Supplier, where previously it wasn't) and as a result the Product Class 4 Supply Meter Point has a non-compliant Meter Read Frequency, the CDSP will create a trigger to update the Meter Read Frequency to monthly as soon as possible (following the effective date of the Shipper update).

Unsolicited SCR File
Generation of the .SCR file to be issued to the Registered Shipper informing them of a CDSP amendment to the Meter Read Frequency will conform to the standard population for BAU SCR files containing the S03 segment (file will also include standard A00 and Z99 segments). The only differences will be the mandatory data item [OUTCOME_CODE] will be defaulted to 'AC' value and the Optional [NOMINATION_SHIPPER_REFERENCE] will be BLANK as no inbound file will be provided to draw the data from, all other data items shall be populated where available. For the purpose of the solution the Generation Number for the file will be set as '000000' within the produced IDOC, however, when the unsolicited .SCR file is issued out to the Shipper the Generation Number will be populated with the next available number as per SAP PO/AMT validation to ensure that the file generation numbers are not duplicated.

Shipper Transfer Scenario:

Please be aware that if a Shipper Transfer/Re-Confirmation is due to go live on D (D being the Confirmation Effective Date) and the CDSP is updating the Supply Meter Point's Meter Read Frequency at either D-1 or D, the .TRF file issued at D-2 to the Incoming Shipper will contain the non-compliant Meter Read Frequency value and therefore would not be reflective of the Meter Read Frequency to be updated by the CDSP. However, once the Meter Read Frequency has been updated by the CDSP on either D or D-1, an unsolicited .SCR file will be sent to the Incoming Shipper informing them of the Meter Read Frequency amendment.

UPDATE OF EXISTING NON-COMPLIANT SUPPLY METER POINTS

As the code changes needed for the enduring solution to allow the CDSP to enforce the Modification rules will be prospective only post implementation, there will be a number of existing Product Class 4 Supply Meter Points where the Meter Read Frequency will remain non-compliant, as the triggers for the enduring process will only review the Meter Read Frequency if anything changes at the Supply Meter Point relating to DCC, Asset Details, Annual Quantity and organisation changes. To counteract this, a cut-over activity will be carried out in conjunction with the code deployment for November-2020 to identify all current Product Class 4 Supply Meter Points that are non-compliant (at the point of deployment) and update the Meter Read Frequency to monthly.

The Product Class 4 Supply Meter Points to be considered for an amendment to the Meter Read Frequency will be ones that fail any of the following criteria and has a non-monthly Meter Read Frequency:

1. Where a Supply Meter Point's Annual Quantity value is 293,000 kWh or above
2. Where a Supply Meter Point has either an Operational SMART Meter (as outlined above) or AMR Meter installed
3. Where a Supply Meter Point has a DCC Service Flag of 'active'

Where the CDSP has made an amendment to the Meter Read Frequency for the above Product Class 4 Supply Meter Points, as with the enduring solution, an unsolicited .SCR (Supply Meter Point Amendments Response) file will be issued to the appropriate Shipper(s).

NEW VALIDATIONS FOR SUPPLY POINT ADMINISTRATION

Existing Process:
Currently, if a Shipper (via SPA transactions SPC, NOM & CNF) attempts to update the Meter Read Frequency on Product Class 4 Supply Meter Points to non-monthly and the Annual Quantity is equal to or greater than 293,000 kWh, then the transaction will be rejected back to the submitting Shipper with rejection code of MRF00013 *(Requested Meter Reading Frequency is below minimum acceptable for the AQ of the Supply Point)* as it's Meter Read Frequency is required to be monthly. This validation aligns to part of the rules being introduced as part of Modification 0692S however does not cover them all.

Amended Process:
As discussed, and recommended in DSG on the 4th November 2019, new validations are to be introduced as part of this change to Supply Point Administration processes SPC, NOM & CNF to check if the requested Meter Read Frequency is compliant with all the rules set out in Modification 0692S.

As a result, if the Shipper attempts to update the Meter Read Frequency to non-monthly for a Product Class 4 Supply Meter Points where there is either, presence of an

Operational SMART Meter, DCC flag set as 'active' or an AMR device is installed the non-compliant transaction will be rejected back to the submitting Shipper.

For completeness, the following highlights the approach taken for all effected SPA transactions.

SPC: Any inbound .SPC (Supply Meter Point Amendment) files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within either the S34 (MRF and Batch Frequency Change Request) or C38 (Class Change) record segments conform to the new rules, and if not, reject the record back to the submitting Shipper utilising an existing rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point)*.

NOM: Any inbound .NOM (Nomination Request) files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within the S48 (SMP Nomination Request) record segment conform to the new rules, and if not, reject the record back to the submitting Shipper utilising an existing rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*).
Please note that as no Supplier is provided within Nomination Request inbound files, no check can be made regarding the Installing Supplier vs Proposing Supplier for the determination of S1/NS meters being Operational SMART, so no rejection shall be provided and the Nomination Request will be processed.

CNF: Any inbound .CNF (Confirmation Request) files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within the S42 (SSP Confirmation) & S38 (LSP Confirmation) record segment conform to the new rules, and if not, reject the record back to the submitting Shipper utilising an existing rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*).
Please note that for LSP Confirmations, the Meter Read Frequency value is provided in the Nomination Request, so if any changes occur between NOM and CNF processing, the CNF may be rejected if the requested Meter Read Frequency is subsequently deemed as non-compliant.

For the avoidance of doubt, no changes are being made to the inbound or outbound file formats relating to the above validation amendments due to the utilisation of existing rejection code and reasons.

ADDITIONAL INFORMATION

.NRL File (MRF_NON_COMPLIANCE):
For the avoidance of doubt, no changes are being made to the population of the MRF_NON_COMPLIANCE data item within the .NRL file that is issued out to Shippers informing them of AQ value changes and this will remain BAU following implementation of this change. This is because the Annual Quantity trigger is not the only way a Meter Read Frequency can become non-compliant in accordance with the Modification and the .NRL file solely relates to the Annual Quantity process and should not be sent for other system processes (RGMA etc).

Potential disparity within the .NRL File:
For clarification, the MRF_NON_COMPLIANCE data item is set within UK Link when the AQ is calculated (12th of the month). This data item is then sent contained within the

.NRL file (T97) to the appropriate Shipper(s) at M-7. If the Meter Read Frequency is amended after the population of the MRF_NON_COMPLIANCE data item but before the .NRL file is issued, then the MRF_TYPE_CODE referenced within the (T04 Record) will be the newly updated Meter Read Frequency. So there may be a disparity between the MRF_NON_COMPLIANCE data item (within the T97 record) and the MRF_TYPE_CODE (within the T04 record) referenced in the .NRL file, however this is current functionality so highlighting this for awareness.

G6: Associated Changes

Associated Change(s) and Title(s):	None

G7: DSG

Target DSG discussion date:	N/A
Any further information:	N/A

G8: Implementation

Target Release:	November-2020
Status:	Approved

Please see the following page for representation comments template; responses to uklink@xoserve.com

Section H: Representation Response

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Npower	
	Name:	Sasha Pearce	
	Email:	sasha.pearce@npower.com	
	Telephone:	07881617634	
Representation Status:	Support		
Representation Publication:	Publish		
Representation Comments:	A longer implementation period for this would be helpful.		
Confirm Target Release Date?	Yes	«h1_userDataAlternative»	

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	SSE Energy Supply Ltd
	Name:	Megan Coventry
	Email:	megan.coventry@sse.com

	Telephone:	02392277738
Representation Status:	Reject	
Representation Publication:	Publish	
Representation Comments:	Due to the related UNC modification 0692S awaiting an appeal decision from Ofgem, and therefore with implementation date still TBC, it would be appropriate to remove this change from the scope of the November 2020 and reserve for inclusion in a later release once the Ofgem decision is made.	
Confirm Target Release Date?	No	TBC on decision outcome received from Ofgem

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2808.2 - MT - PO
Comm Title:	XRN4941 - Auto Updates to Meter Read Frequency (MOD0692) - Detailed Design
Comm Date:	12/04/2021

G2: Change Representation

Action Required:	For representation
Close Out Date:	26/04/2021

G3: Change Detail

Xoserve Reference Number:	XRN4941
Change Class:	Functional Processing
ChMC Constituency Impacted:	Shipper Class A; Shipper Class B; Shipper Class C
Change Owner:	Simon Harris Customer Change Service Development Specialist simon.harris@xoserve.com 0121 229 2642
Background and Context:	Please note that a Detailed Design Change Pack was issued out in April 2020 for the June 2021 release, it was then agreed that XRN4941 be moved out of scope of June 2021 and into the scope of November 2021 release. There is additional information contained within this Change Pack to reflect changes made to the Detailed Design since the Change Pack was last issued in April 2020. This change was raised in line with the development of Modification 0692S (Automatic updates to Meter Read Frequency) which grants the CDSP permission to update the Meter Read Frequency (MRF) for Product Class 4 Supply Meter Point's (SMP) under the following circumstances: 4) Where a Supply Meter Point's Annual Quantity value is amended to 293,000 kWh or above on the Supply Point Register and does not currently have a monthly Meter Read Frequency 5) Where a Supply Meter Point has an AMR device installed on the Supply Point Register and does not currently have a monthly Meter Read Frequency

	6) Where a Supply Meter Point has an Operational Smart Meter installed/updated on the Supply Point Register and does not currently have a monthly Meter Read Frequency. How an Operational Smart Meter is determined is set out in section G5 Change Design Description. In the above circumstances, the Meter Read Frequency of the Product Class 4 Supply Meter Points will be amended to monthly by the CDSP. Modification 0692S was approved in December 2019. An appeal was raised which Ofgem determined, in November 2020, did not meet the criteria and the original decision to implement the modification will stand, however as a result a dependence was agreed with XRN5142 (New Allowable Values for DCC Service Flag in DXI File From DCC), so that XRN4941is not implemented before XRN5142, more details below.

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Supply Point Administration (SPA), RGMA
Non-Functional:	None
Application:	SAP ISU
User(s):	Shippers; GTs; IGTs
Documentation:	DSC Service Line Amendment
Other:	None

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
CNF	N/A	S42	MRF_TYPE_CODE	Description updated
NOM	S48	S48	MRF_TYPE_CODE	Description updated
SPC	S34 C38	S34 C38	MRF_TYPE_CODE	Description updated

G5: Change Design Description

OVERVIEW

Modification 0692S gives the CDSP the ability to amend a Meter Read Frequency for Product Class 4 Supply Meter Points to monthly where the current Meter Read Frequency is classed as 'non-compliant'. A non-compliant Meter Read Frequency value for Product Class 4 Supply Meter Points is defined as having a non-monthly frequency AND has one or more of the following:

1. An Annual Quantity value of 293,000 kWh or above
2. An AMR device installed

3. An Operational Smart Meter installed

It is expected that a DSC Service Line will be introduced following the implementation of this change to detail this obligation. This will be discussed and presented at a future CoMC in accordance with DSC procedures.

Determination of an Operational SMART Meter Device
Operational Smart Meter means where a Meter Reading is capable of being able to be retrieved from the asset and made available to the Registered Supplier. For the avoidance of doubt the CDSP shall determine the Smart Meter as being Operational where:

- The DCC Flag recorded is 'A' – active within the Supply Point Register

Following discussion at DSG, on the 22nd February 2021 (meeting papers can be found here), the CDSP will only consider a DCC Service Flag of 'A' – active to determine an Operational Smart Meter. This is to reduce the risk of the CDSP amending a Supply Meter Point Meter Read Frequency to monthly where the Shipper is unable to carry out its obligations effectively due to the device, for a number of reasons, not being able to communicate effectively.

Notification of Meter Read Frequency Amendments
Please note that within Modification 0692S there is **no** obligation for the CDSP to:

a. inform the Registered Shipper of a non-compliant Meter Read Frequency; or
b. provide the Registered Shipper time to amend the Meter Read Frequency before the CDSP intervenes; or
c. inform the Registered Shipper of the CDSP having taken any action with regards to the Meter Read Frequency update.

However, following a discussion at DSG, on the 4th November 2019 (meeting papers can be found here), it was agreed that the CDSP will inform the Registered Shipper of any action taken by the CDSP to amend a Supply Meter Points' Meter Read Frequency. This is so Shippers are aware of their revised obligations regarding read submission and billing rates for CFI charges (Customer Fixed Charge for Capacity billing). This notification will be issued out to the Registered Shipper via an unsolicited S03 record within your .SCR (Supply Meter Point Amendments Response) file (please note that if you have not sent any .SPC (Supply Meter Point Amendment Request) files for that day then the whole .SCR file will be unsolicited and will only contain S03 records pertaining to MRF amendments). Further details can be found later in this Change Pack.

Reversal of CDSP Meter Read Frequency Amendments
Modification 0692S explicitly states that if a Product Class 4 Supply Meter Point has its Meter Read Frequency amended to monthly by the CDSP, and a future activity occurs where it no longer requires the Meter Read Frequency to be set as monthly, the CDSP will **not** amend a Supply Meter Points Meter Read Frequency away from monthly. The Shipper will be required to amend the value, via standard SPA transactions, should they want the Meter Read Frequency amended.

XRN5142 New Allowable Values for DCC Service Flag in DXI File From DCC
XRN5142 has been raised to update the allowable values of the DCC Service Flag to help provide more accurate information in relation to the DCC flag and an assets ability to be communicating. As part of XRN5142, the DCC will also be assessing their portfolio and updating any Service Flags currently set within the Supply Point Register ('A' - Active, 'S' - Suspended or 'W' – Withdrawn) to the new value's 'A' - Active, 'I' - Installed Not Commissioned or 'N' - Non-active, where appropriate.

To prevent the CDSP updating any Supply Meter Point Meter Read Frequency to monthly based on the current logic of DCC Service Flag of 'Active', which could later be updated to 'I' Installed Not Commissioned or 'N' Non-active, XRN4941 will be not be implemented prior to XRN5142 (including the updates to the DCC current portfolio).

XRN5142 is also in scope of the November 21 Major Release, details of which can be found here. For clarification, if XRN5142, and the associated SEC change (MP077) is to be delayed, then XRN4941 will also be delayed as a result.

ENDURING PROCESS

This change will introduce triggers within CDSP systems from several processes for Product Class 4 Supply Meter Points to review and subsequently update the Meter Read Frequency to monthly. These triggers are internal to the CDSP Systems and will be generated where one of the following occurs on a Product Class 4 Supply Meter Point:

1) Annual Quantity value is revised (via Rolling AQ, AQ Correction or Seasonal Normal Review processes) to 293,000 kWh or higher
2) An AMR device is installed
3) An Operational Smart Meter is installed/updated (the DCC Service flag is set/updated as 'A' – Active)

Annual Quantity

When an AQ value is revised within the Supply Point Register, through the Rolling AQ, AQ Correction process/tool or the Seasonal Normal Review process, a check will be made if the revised AQ of the site is equal to or greater than 293,000 kWh. If so, and the Supply Meter Point is a Product Class 4 and has a non-monthly Meter Read Frequency, the CDSP will update the Meter Read Frequency value to monthly as soon as possible following the Effective Date of the revised AQ.

RGMA Transactions

Where an RGMA transaction is successfully processed in the Supply Point Register for the installation of an AMR Device, and the Supply Meter Point is within Product Class 4 and has a non-compliant Meter Read Frequency then the CDSP will update the Meter Read Frequency value to monthly immediately (i.e. the day the RGMA transaction was processed, not the Device Update Effective Date, as this can be an historical date).

DCC Service Flag

Where the DCC Service Flag is successfully set or updated to 'A' - Active via the .DXI (DCC Status Update) file, received from the DCC, in the Supply Point Register on any Product Class 4 Supply Meter Point that has a non-compliant Meter Read Frequency then the CDSP will update the Meter Read Frequency value to monthly as soon as possible following the processing of the successful DXI update.
For the avoidance of doubt, the DCC identifies which Service Flag is applicable to each Supply Meter Point. The CDSP does not apply any validation logic (except to validate that the allowable value in line with the file format) to the Service Flag.

Unsolicited SCR (Supply Meter Point Amendments Response) File / unsolicited record within the SCR file

An unsolicited .SCR file or where a file is already being issued for BAU processes, an unsolicited record within the .SCR file will be issued to the Registered Shipper informing them of a CDSP amendment to the Meter Read Frequency.
Where an unsolicited .SCR file is issued, it will conform to the standard population for BAU .SCR file containing the S03 segment (file will also include standard A00 and Z99 segments). The mandatory data item [OUTCOME_CODE] will be defaulted to 'AC' value and the optional [NOMINATION_SHIPPER_REFERENCE] will be BLANK as no inbound

file will have been provided to draw the data from. All other data items shall be populated where available.

Shipper Transfer Scenario
Please be aware that if a Shipper Transfer/Re-Confirmation is due to go live on D (D being the Confirmation Effective Date) and the CDSP is to update the Supply Meter Point's Meter Read Frequency to Monthly at either D-2, D-1 or D, the .TRF (Transfer of Ownership) file issued at D-2 to the Incoming Shipper will not contain the revised Meter Read Frequency value and therefore the value live on the Supply Meter Point will not be as expected. However, as part of the Confirmation Process the CDSP will notify the Incoming Shipper of the revised Meter Read Frequency value that has been updated by the CDSP on D. This is again done via either an unsolicited S03 record within your standard .SCR (Supply Meter Point Amendments Response) file, or in an unsolicited .SCR file if no .SPC (Supply Meter Point Amendment Request) files have been sent by the Incoming Shipper on the processing day.

Must Read Process
For the avoidance of doubt, any Product Class 4 Supply Meter Points that have their Meter Read Frequency updated to monthly by the CDSP and have not had a Valid Read accepted with a Read Date within the preceding 4 months falls into the Must Read process. However, following the implementation of XRN5036 - Updates to must read process (details of the change can be found here), Must Read Contacts, in CMS, are not generated for DN's where the site meets one of the following criteria

1) A mechanism code of NS, S1 or S2
2) An AMR device indicator
3) An DCC Service Flag of 'active'

Pre notes remain unchanged and are still issued to Shippers when the Product Class 4 Supply Meter Points meets the Must Read criteria.
IGT's were not included in the change (XRN5036) and therefore Must Read Contacts, in CMS, will be generated for all sites where there has not been a Valid Read submitted within the preceding 4 months on Supply Meter Points with a monthly MRF.

UPDATE OF EXISTING NON-COMPLIANT SUPPLY METER POINTS
As the code changes needed for the enduring solution to allow the CDSP to enforce the Modification rules will be applicable only post implementation, there will be existing Product Class 4 Supply Meter Points where the Meter Read Frequency will remain non-compliant. A cut-over activity will be carried out to identify all current Product Class 4 Supply Meter Points that are non-compliant (at the point of deployment) and update the Meter Read Frequency to monthly.

The Product Class 4 Supply Meter Points to be considered for an amendment to the Meter Read Frequency will be ones that meet any of the following criteria and has a non-monthly Meter Read Frequency:

1) Where a Supply Meter Point's Annual Quantity value is 293,000 kWh or above
2) Where a Supply Meter Point has an AMR device installed
3) Where a Supply Meter Point has an Operational Smart Meter installed (the DCC Service Flag is 'A' – Active)

Where the CDSP has made an amendment to the Meter Read Frequency for the above Product Class 4 Supply Meter Points, as with the enduring solution, the CDSP will notify the Incoming Shipper of the revised Meter Read Frequency via either an unsolicited S03 record within your standard .SCR (Supply Meter Point Amendments Response) file, or in an unsolicited .SCR file if no .SPC (Supply Meter Point Amendment Request) files have been sent by the Incoming Shipper on the processing day.

For the avoidance of doubt, any Product Class 4 Supply Meter Points that have their Meter Read Frequency updated to monthly by the CDSP as part of this activity and have not had a Valid Read accepted with a Read Date within the preceding 4 months will immediately fail into the Must Read process as outlined above.

Shipper Transfer Scenario
If a Shipper Transfer/Re-Confirmation has been accepted with a confirmation effective date after this cut-over activity has taken place and has a non-monthly Meter Read Frequency the CDSP will not amend the Meter Read Frequency until the Transfer/Re-confirmation has gone live, as set out in the enduring process.

NEW VALIDATIONS FOR SUPPLY POINT ADMINISTRATION

Existing Process:
Currently, if a Shipper (via SPA transactions SPC, NOM & CNF) attempts to update the Meter Read Frequency on Product Class 4 Supply Meter Points to non-monthly and the Annual Quantity is equal to or greater than 293,000 kWh, then the transaction will be rejected back to the submitting Shipper with rejection code of MRF00013 *(Requested Meter Reading Frequency is below minimum acceptable for the AQ of the Supply Point)* as it's Meter Read Frequency is required to be monthly. This validation aligns to part of the rules being introduced as part of Modification 0692S however does not cover them all.

Amended Process:
As discussed, and recommended in DSG on the 4th November 2019 (meeting papers can be found here), new validations are to be introduced as part of this change to the following Supply Point Administration processes: SPC (Supply Meter Point Amendment), NOM (Nomination Request) & CNF (Confirmation Request). These changes will check if the requested Meter Read Frequency is compliant with all the rules set out as part of the Modification and if not, reject this back to the submitting Shipper. Please note that these additional validations will subsidise the existing validation in relation to AQ values outlined above (Existing Process).

As a result, if the Shipper attempts to update the Meter Read Frequency to non-monthly for a Product Class 4 Supply Meter Points where there is either an Operational Smart Meter present or an AMR device present, the non-compliant transaction will be rejected back to the submitting Shipper utilising the existing rejection code of MRF00012 (Meter Reading Frequency is not acceptable for the Meter Point).

For completeness, the following highlights the approach taken for all effected SPA transactions.

> **SPC:** Any inbound .SPC files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within either the S34 (Meter Read Frequency and Batch Frequency Change Request) or C38 (Class Change) record segments conform to the new rules, and if not, the CDSP will reject the record using the existing rejection code MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point)*.
>
> **NOM:** Any inbound .NOM files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within the S48 (SMP Nomination Request) record segment conform to the new rules, and if not, the CDSP will reject the record using the existing rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*).

CNF: Any inbound .CNF files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within either the S42 (SSP Confirmation) or S38 (LSP Confirmation) record segments conform to the new rules, and if not, the CDSP will reject the record using the existing rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*). Please note that for LSP Confirmations, the Meter Read Frequency value is provided in the Nomination Request (S48 record), so if any changes occur between the .NOM being processed and the .CNF being processed, the .CNF may be rejected if the requested Meter Read Frequency is subsequently deemed as non-compliant post the progression of the .NOM request.

For the avoidance of doubt, no structural/functional changes are being made to the inbound or outbound file formats in relating to the above validation amendments due to the utilisation of an existing rejection code and reason.

Updated Context for records containing the Meter Read Frequency field
The context, within the description columns, contained within the C38, S34, S42 and S48 records, will be, as part of this change, updated to provide additional guidance for when a Meter Read Frequency for Product Class 4 Supply Meter Points should be set as monthly, in line with the details set out within this change pack.

The proposed amended record file formats have been attached for review and we will be seeking approval of theses accordingly. The File Formats, once approved, will be set to live in accordance with the implementation date of XRN4941.

- C38 CLASS CHANGE V3FA
- S34 MRF AND BATCH FREQ CHANGE REQUEST V5FA
- S42 SSP CONFIRMATION V6FA
- S48 SMP CONFIRMATION REQ V5FA

ADDITIONAL INFORMATION

.NRL File (MRF_NON_COMPLIANCE):
For the avoidance of doubt, no changes are being made to the population of the MRF_NON_COMPLIANCE data item within the .NRL file that is issued out to Shippers. The .NRL file is issued informing Shippers of AQ value changes and this will remain BAU following implementation of this change. This is because the Annual Quantity trigger is not the only way a Meter Read Frequency can become non-compliant in accordance with the Modification, and the .NRL file solely relates to the Annual Quantity process and should not be sent for other system processes that require a MRF amendment (RGMA, SPA etc).

Potential disparity within the .NRL File:
For clarification, the MRF_NON_COMPLIANCE data item is set/populated within UK Link when the AQ is calculated (12th of the month). This data item is then sent within the .NRL file (T97 record) to the Registered Shipper at M-7. If the Meter Read Frequency has been amended after the population of the MRF_NON_COMPLIANCE data item but before the .NRL file is issued, then the MRF_TYPE_CODE (referenced within the T04 Record/.NRL File) will be the newly updated Meter Read Frequency, not the one that determined the population of the MRF_NON_COMPLIANCE data item. This means there may be a disparity between the MRF_NON_COMPLIANCE data item (within the T97 record) and the MRF_TYPE_CODE (within the T04 record) referenced in the .NRL file, leading to the MRF_NON_COMPLIANCE data item not being relevant for that Supply

Meter Point. This has been highlighted for awareness as this is current functionality and will not be amended as part of this change.

G6: Associated Changes

Associated Change(s) and Title(s):	XRN5142 - New Allowable Values for DCC Service Flag in DXI File From DCC

G7: DSG

Target DSG discussion date:	26th April 2021
Any further information:	To discuss any comments provided from the Detailed Design Change Pack representations

G8: Implementation

Target Release:	November 2021
Status:	Approved

Please see the following page for representation comments template; responses to uklink@xoserve.com

Section H: Representation Response

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	EDF
	Name:	Eleanor Laurence
	Email:	Eleanor.Laurence@edfenergy.com
	Telephone:	07875117771
Representation Status:	N/A	
Representation Publication:	Publish	
Representation Comments:	If we are gaining the supply as monthly MRF and the previous supplier has MRF of M – if the site has not been read for 4 months, will this site fall straight into the Must Read pot for us or will the clock reset at COS? We disagree with the principal of rejecting a change of supplier request due to 'Meter Reading Frequency is not acceptable for the Meter Point' – where we are unable to validate whether a DCC flag if A is set at the outset of the confirmation and we are not obligated to use API calls pre sending the CNF. We therefore believe that validation at change of shipper should be removed in it's entirety as any rejections caused by this could result in a delay to customer switching.	
Confirm Target Release Date?	N/A	«h1_userDataAlternative»

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your response to the Detail Design Change Pack for XRN4941, your representation has been noted and will be presented at the Extraordinary ChMC on the 5th May 2021. We have reviewed your detailed points and have provided individual responses accordingly. For clarification, if a Shipper is gaining a Supply Meter Point with a Monthly MRF and the MRF doesn't change as part of the CoS event (Monthly going forward) then this will move into the Must-Read process as is, the clock does not get re-set as the Must-Read process will look to the last actual read and current MRF. As per the Detail Design Change Pack, SPA processes are being

	proposed to be amended to include validation for the presence of AMR and/or Operationally SMART meters (these SPA processes already include AQ threshold validation), and if present, and the requested MRF is not Monthly (for Class 4 SMPs) then the SPA transaction will be rejected back to the proposing Shipper. Processes covered are Nominations (NOM), Confirmations (CNF) and Supply Point Amendments (SPC). Looking at the nomination file (NOM), if a Shipper submits an Supply Meter Point Enquiry Request (S47) and it was successful then, the response file (NMR) would contain an S59 (ACCEPT_SMP_ENQUIRY) record that in turn would have within it an S75 (Meter Point Details) record containing AMR_INDICATOR and a S98 (SMART_DATA) record containing DCC_SERVICE_FLAG. These details can then be used to move forward with either a formal Nomination Request (S69) via the NOM file or an LSP (S38) / SSP (S42) Confirmation Request via the CNF file. However, direct LSP (S38) / SSP (S42) Confirmation Request via the CNF file without a NOM first would not provide the SMART or DCC data, so it is correct that the required MRF may not be known to the proposed Shipper. The SPC (Supply Meter Point Amendment) Request can only be carried out by the incumbent Shipper, so details of AMR and/or Operationally SMART meters should already be known prior to a request for MRF change.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Scottish Power	
	Name:	Helen Bevan	
	Email:	Helen.Bevan@scottishpower.com	
	Telephone:	01416145517	
Representation Status:	Approve		
Representation Publication:	Publish		
Confirm Target Release Date?	Approve	«h1_userDataAlternative»	

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2827.5 - RT - PO
Comm Title:	XRN4941 - Auto Updates to Meter Read Frequency (MOD0692) - Detailed Design
Comm Date:	17/05/2021

G2: Change Representation

Action Required:	For information
Close Out Date:	01/06/2021

G3: Change Detail

Xoserve Reference Number:	XRN4941
Change Class:	Functional Processing
ChMC Constituency Impacted:	Shipper Class A; Shipper Class B; Shipper Class C
Change Owner:	Simon Harris Customer Change Service Development Specialist simon.harris@xoserve.com 0121 229 2642
Background and Context:	Please Note: This is a re-issue of the Detail Design Change Pack that was originally issued out in April 21 (2808.2 - MT - PO). For all changes in scope for November 21 Release, an impact assessment was carried out against the Central Switching Service (CSS) and the Central Switching Service Consequential Change (CSSC) programs. It was found that XRN4941 had within its original scope three components which impact the design of CSSC and therefore, (in line with Ofgem directive) could not be implemented prior to CSS. A decision was made at ChMC in May 21 to reduce the current scope for XRN4941 to remove these components from the design, effectively removing the risk to CSSC and ensure the

	CDSP can still implement a solution that conforms to Modification 0692 requirements. All changes have been highlighted in red and where applicable ~~crossed out~~ within the Change Design Description section of this Change Pack. All other details remain unchanged but has been retained for your information. This re-issue is for information only and therefore we are **not** seeking representations for discussion at ChMC in June 21. Please note that a Detailed Design Change Pack was issued out in April 2020 for the June 2021 release, it was then agreed that XRN4941 be moved out of scope of June 2021 and into the scope of November 2021 release. There is additional information contained within this Change Pack to reflect changes made to the Detailed Design since the Change Pack was last issued in April 2020. This change was raised in line with the development of Modification 0692S (Automatic updates to Meter Read Frequency) which grants the CDSP permission to update the Meter Read Frequency (MRF) for Product Class 4 Supply Meter Point's (SMP) under the following circumstances: 7) Where a Supply Meter Point's Annual Quantity value is amended to 293,000 kWh or above on the Supply Point Register and does not currently have a monthly Meter Read Frequency 8) Where a Supply Meter Point has an AMR device installed on the Supply Point Register and does not currently have a monthly Meter Read Frequency 9) Where a Supply Meter Point has an Operational Smart Meter installed/updated on the Supply Point Register and does not currently have a monthly Meter Read Frequency. How an Operational Smart Meter is determined is set out in section G5 Change Design Description. In the above circumstances, the Meter Read Frequency of the Product Class 4 Supply Meter Points will be amended to monthly by the CDSP. Modification 0692S was approved in December 2019. An appeal was raised which Ofgem determined, in November 2020, did not meet the criteria and the original decision to implement the modification will stand, however as a result a dependence was agreed with XRN5142 (New Allowable Values for DCC Service Flag in DXI File From DCC), so that XRN4941is not implemented before XRN5142, more details below.

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Supply Point Administration (SPA), RGMA
Non-Functional:	None
Application:	SAP ISU
User(s):	Shippers; GTs; IGTs
Documentation:	DSC Service Line Amendment
Other:	None

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
~~CNF~~	~~N/A~~	~~S42~~	~~MRF_TYPE_CODE~~	~~Description updated~~
~~NOM~~	~~S48~~	~~S48~~	~~MRF_TYPE_CODE~~	~~Description updated~~
SPC	S34 C38	S34 C38	MRF_TYPE_CODE	Description updated

G5: Change Design Description

OVERVIEW

Modification 0692S gives the CDSP the ability to amend a Meter Read Frequency for Product Class 4 Supply Meter Points to monthly where the current Meter Read Frequency is classed as 'non-compliant'. A non-compliant Meter Read Frequency value for Product Class 4 Supply Meter Points is defined as having a non-monthly frequency AND has one or more of the following:

4. An Annual Quantity value of 293,000 kWh or above
5. An AMR device installed
6. An Operational Smart Meter installed

It is expected that a DSC Service Line will be introduced following the implementation of this change to detail this obligation. This will be discussed and presented at a future CoMC in accordance with DSC procedures.

Determination of an Operational SMART Meter Device

Operational Smart Meter means where a Meter Reading is capable of being able to be retrieved from the asset and made available to the Registered Supplier. For the avoidance of doubt the CDSP shall determine the Smart Meter as being Operational where:

- The DCC Flag recorded is 'A' – active within the Supply Point Register

Following discussion at DSG, on the 22nd February 2021 (meeting papers can be found here), the CDSP will only consider a DCC Service Flag of 'A' – active to determine an Operational Smart Meter. This is to reduce the risk of the CDSP amending a Supply Meter Point Meter Read Frequency to monthly where the Shipper is unable to carry out its

obligations effectively due to the device, for a number of reasons, not being able to communicate effectively.

Notification of Meter Read Frequency Amendments
Please note that within Modification 0692S there is **no** obligation for the CDSP to:

d. inform the Registered Shipper of a non-compliant Meter Read Frequency; or
e. provide the Registered Shipper time to amend the Meter Read Frequency before the CDSP intervenes; or
f. inform the Registered Shipper of the CDSP having taken any action with regards to the Meter Read Frequency update.

However, following a discussion at DSG, on the 4th November 2019 (meeting papers can be found here), it was agreed that the CDSP will inform the Registered Shipper of any action taken by the CDSP to amend a Supply Meter Points' Meter Read Frequency. This is so Shippers are aware of their revised obligations regarding read submission and billing rates for CFI charges (Customer Fixed Charge for Capacity billing). This notification will be issued out to the Registered Shipper via an unsolicited S03 record within your .SCR (Supply Meter Point Amendments Response) file (please note that if you have not sent any .SPC (Supply Meter Point Amendment Request) files for that day then the whole .SCR file will be unsolicited and will only contain S03 records pertaining to MRF amendments). Further details can be found later in this Change Pack.

Reversal of CDSP Meter Read Frequency Amendments
Modification 0692S explicitly states that if a Product Class 4 Supply Meter Point has its Meter Read Frequency amended to monthly by the CDSP, and a future activity occurs where it no longer requires the Meter Read Frequency to be set as monthly, the CDSP will **not** amend a Supply Meter Points Meter Read Frequency away from monthly. The Shipper will be required to amend the value, via standard SPA transactions, should they want the Meter Read Frequency amended.

XRN5142 New Allowable Values for DCC Service Flag in DXI File From DCC
XRN5142 has been raised to update the allowable values of the DCC Service Flag to help provide more accurate information in relation to the DCC flag and an assets ability to be communicating. As part of XRN5142, the DCC will also be assessing their portfolio and updating any Service Flags currently set within the Supply Point Register ('A' - Active, 'S' - Suspended or 'W' – Withdrawn) to the new value's 'A' - Active, 'I' - Installed Not Commissioned or 'N' - Non-active, where appropriate.

To prevent the CDSP updating any Supply Meter Point Meter Read Frequency to monthly based on the current logic of DCC Service Flag of 'Active', which could later be updated to 'I' Installed Not Commissioned or 'N' Non-active, XRN4941 will be not be implemented prior to XRN5142 (including the updates to the DCC current portfolio).

XRN5142 is also in scope of the November 21 Major Release, details of which can be found here. For clarification, if XRN5142, and the associated SEC change (MP077) is to be delayed, then XRN4941 will also be delayed as a result.

ENDURING PROCESS
This change will introduce triggers within CDSP systems from several processes for Product Class 4 Supply Meter Points to review and subsequently update the Meter Read Frequency to monthly. These triggers are internal to the CDSP Systems and will be generated where one of the following occurs on a Product Class 4 Supply Meter Point:

4) Annual Quantity value is revised (via Rolling AQ, AQ Correction or Seasonal Normal Review processes) to 293,000 kWh or higher
5) An AMR device is installed

6) An Operational Smart Meter is installed/updated (the DCC Service flag is set/updated as 'A' – Active)

Annual Quantity
When an AQ value is revised within the Supply Point Register, through the Rolling AQ, AQ Correction process/tool or the Seasonal Normal Review process, a check will be made if the revised AQ of the site is equal to or greater than 293,000 kWh. If so, and the Supply Meter Point is a Product Class 4 and has a non-monthly Meter Read Frequency, the CDSP will update the Meter Read Frequency value to monthly as soon as possible following the Effective Date of the revised AQ.

RGMA Transactions
Where an RGMA transaction is successfully processed in the Supply Point Register for the installation of an AMR Device, and the Supply Meter Point is within Product Class 4 and has a non-compliant Meter Read Frequency then the CDSP will update the Meter Read Frequency value to monthly immediately (i.e. the day the RGMA transaction was processed, not the Device Update Effective Date, as this can be an historical date).

DCC Service Flag
Where the DCC Service Flag is successfully set or updated to 'A' - Active via the .DXI (DCC Status Update) file, received from the DCC, in the Supply Point Register on any Product Class 4 Supply Meter Point that has a non-compliant Meter Read Frequency then the CDSP will update the Meter Read Frequency value to monthly as soon as possible following the processing of the successful DXI update.
For the avoidance of doubt, the DCC identifies which Service Flag is applicable to each Supply Meter Point. The CDSP does not apply any validation logic (except to validate that the allowable value in line with the file format) to the Service Flag.

Unsolicited SCR (Supply Meter Point Amendments Response) File / unsolicited record within the SCR file
An unsolicited .SCR file or where a file is already being issued for BAU processes, an unsolicited record within the .SCR file will be issued to the Registered Shipper informing them of a CDSP amendment to the Meter Read Frequency.
Where an unsolicited .SCR file is issued, it will conform to the standard population for BAU .SCR file containing the S03 segment (file will also include standard A00 and Z99 segments). The mandatory data item [OUTCOME_CODE] will be defaulted to 'AC' value and the optional [NOMINATION_SHIPPER_REFERENCE] will be BLANK as no inbound file will have been provided to draw the data from. All other data items shall be populated where available.

Shipper Transfer Scenario
~~Please be aware that if a Shipper Transfer/Re-Confirmation is due to go live on D (D being the Confirmation Effective Date) and the CDSP is to update the Supply Meter Point's Meter Read Frequency to Monthly at either D-2, D-1 or D, the .TRF (Transfer of Ownership) file issued at D-2 to the Incoming Shipper will not contain the revised Meter Read Frequency value and therefore the value live on the Supply Meter Point will not be as expected. However, as part of the Confirmation Process the CDSP will notify the Incoming Shipper of the revised Meter Read Frequency value that has been updated by the CDSP on D. This is again done via either an unsolicited S03 record within your standard .SCR (Supply Meter Point Amendments Response) file, or in an unsolicited .SCR file if no .SPC (Supply Meter Point Amendment Request) files have been sent by the Incoming Shipper on the processing day.~~
The CDSP will **not** update a Meter Read Frequency at D-2 or D-1. After the Confirmation Effective Date if the Product Class 4 Supply Meter Point has a non-compliant Meter Read Frequency then the CDSP will update the Meter Read Frequency value to monthly as

soon as possible. The CDSP will notify the registered Shipper via either an unsolicited S03 record within your standard .SCR (Supply Meter Point Amendments Response) file, or in an unsolicited .SCR file if no .SPC (Supply Meter Point Amendment Request) files have been sent by the Incoming Shipper on the processing day.

Must Read Process

For the avoidance of doubt, any Product Class 4 Supply Meter Points that have their Meter Read Frequency updated to monthly by the CDSP and have not had a Valid Read accepted with a Read Date within the preceding 4 months falls into the Must Read process. However, following the implementation of XRN5036 - Updates to must read process (details of the change can be found here), Must Read Contacts, in CMS, are not generated for DN's where the site meets one of the following criteria

4) A mechanism code of NS, S1 or S2
5) An AMR device indicator
6) An DCC Service Flag of 'active'

Pre notes remain unchanged and are still issued to Shippers when the Product Class 4 Supply Meter Points meets the Must Read criteria.

IGT's were not included in the change (XRN5036) and therefore Must Read Contacts, in CMS, will be generated for all sites where there has not been a Valid Read submitted within the preceding 4 months on Supply Meter Points with a monthly MRF.

UPDATE OF EXISTING NON-COMPLIANT SUPPLY METER POINTS

As the code changes needed for the enduring solution to allow the CDSP to enforce the Modification rules will be applicable only post implementation, there will be existing Product Class 4 Supply Meter Points where the Meter Read Frequency will remain non-compliant. A cut-over activity will be carried out to identify all current Product Class 4 Supply Meter Points that are non-compliant (at the point of deployment) and update the Meter Read Frequency to monthly.

The Product Class 4 Supply Meter Points to be considered for an amendment to the Meter Read Frequency will be ones that meet any of the following criteria and has a non-monthly Meter Read Frequency:

4) Where a Supply Meter Point's Annual Quantity value is 293,000 kWh or above
5) Where a Supply Meter Point has an AMR device installed
6) Where a Supply Meter Point has an Operational Smart Meter installed (the DCC Service Flag is 'A' – Active)

Where the CDSP has made an amendment to the Meter Read Frequency for the above Product Class 4 Supply Meter Points, as with the enduring solution, the CDSP will notify the Incoming Shipper of the revised Meter Read Frequency via either an unsolicited S03 record within your standard .SCR (Supply Meter Point Amendments Response) file, or in an unsolicited .SCR file if no .SPC (Supply Meter Point Amendment Request) files have been sent by the Incoming Shipper on the processing day.

For the avoidance of doubt, any Product Class 4 Supply Meter Points that have their Meter Read Frequency updated to monthly by the CDSP as part of this activity and have not had a Valid Read accepted with a Read Date within the preceding 4 months will immediately fail into the Must Read process as outlined above.

Shipper Transfer Scenario

If a Shipper Transfer/Re-Confirmation has been accepted with a confirmation effective date after this cut-over activity has taken place and has a non-monthly Meter Read

Frequency the CDSP will not amend the Meter Read Frequency until the Transfer/Re-confirmation has gone live, as set out in the enduring process.

NEW VALIDATIONS FOR SUPPLY POINT ADMINISTRATION

Existing Process:
Currently, if a Shipper (via SPA transactions SPC, NOM & CNF) attempts to update the Meter Read Frequency on Product Class 4 Supply Meter Points to non-monthly and the Annual Quantity is equal to or greater than 293,000 kWh, then the transaction will be rejected back to the submitting Shipper with rejection code of MRF00013 *(Requested Meter Reading Frequency is below minimum acceptable for the AQ of the Supply Point)* as it's Meter Read Frequency is required to be monthly. This validation aligns to part of the rules being introduced as part of Modification 0692S however does not cover them all.

Amended Process:
As discussed, and recommended in DSG on the 4th November 2019 (meeting papers can be found here), new validations are to be introduced as part of this change to the following Supply Point Administration processes: SPC (Supply Meter Point Amendment). ~~NOM (Nomination Request) & CNF (Confirmation Request).~~ These changes will check if the requested Meter Read Frequency is compliant with all the rules set out as part of the Modification and if not, reject this back to the submitting Shipper. Please note that these additional validations will subsidise the existing validation in relation to AQ values outlined above (Existing Process).

As a result, if the Shipper attempts to update the Meter Read Frequency to non-monthly for a Product Class 4 Supply Meter Points where there is either an Operational Smart Meter present or an AMR device present, the non-compliant transaction will be rejected back to the submitting Shipper utilising the existing rejection code of MRF00012 (Meter Reading Frequency is not acceptable for the Meter Point).

For completeness, the following highlights the approach taken for all effected SPA transactions.

SPC: Any inbound .SPC files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within either the S34 (Meter Read Frequency and Batch Frequency Change Request) or C38 (Class Change) record segments conform to the new rules, and if not, the CDSP will reject the record using the existing rejection code MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point)*.

~~**NOM:** Any inbound .NOM files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within the S48 (SMP Nomination Request) record segment conform to the new rules, and if not, the CDSP will reject the record using the existing rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*).~~

~~**CNF:** Any inbound .CNF files will be subject to validation checks to ensure that the requested Meter Read Frequency contained within either the S42 (SSP Confirmation) or S38 (LSP Confirmation) record segments conform to the new rules, and if not, the CDSP will reject the record using the existing rejection code of MRF00012 (*Meter Reading Frequency is not acceptable for the Meter Point*). Please note that for LSP Confirmations, the Meter Read Frequency value is provided in the Nomination Request (S48 record), so if any changes occur between the .NOM being processed and the .CNF being processed, the .CNF~~

~~may be rejected if the requested Meter Read Frequency is subsequently deemed as non-compliant post the progression of the .NOM request.~~

For the avoidance of doubt, no structural/functional changes are being made to the inbound or outbound file formats in relating to the above validation amendments due to the utilisation of an existing rejection code and reason.

Updated Context for records containing the Meter Read Frequency field
The context, within the description columns, contained within the C38, S34, S42 and S48 records, will be, as part of this change, updated to provide additional guidance for when a Meter Read Frequency for Product Class 4 Supply Meter Points should be set as monthly, in line with the details set out within this change pack.

The proposed amended record file formats have been attached for review and we will be seeking approval of theses accordingly. The File Formats, once approved, will be set to live in accordance with the implementation date of XRN4941.

- **C38 CLASS CHANGE V3FA**
- **S34 MRF AND BATCH FREQ CHANGE REQUEST V5FA**
- ~~**S42 SSP CONFIRMATION V6FA**~~
- ~~**S48 SMP CONFIRMATION REQ V5FA**~~

The CDSP will not be updating the S42 or S48 records as there is no longer any additional validation being added, as part of XRN4941, to the Confirmation Request process for NOM/CNF inbound flows.

ADDITIONAL INFORMATION

.NRL File (MRF_NON_COMPLIANCE):
For the avoidance of doubt, no changes are being made to the population of the MRF_NON_COMPLIANCE data item within the .NRL file that is issued out to Shippers. The .NRL file is issued informing Shippers of AQ value changes and this will remain BAU following implementation of this change. This is because the Annual Quantity trigger is not the only way a Meter Read Frequency can become non-compliant in accordance with the Modification, and the .NRL file solely relates to the Annual Quantity process and should not be sent for other system processes that require a MRF amendment (RGMA, SPA etc).

Potential disparity within the .NRL File:
For clarification, the MRF_NON_COMPLIANCE data item is set/populated within UK Link when the AQ is calculated (12th of the month). This data item is then sent within the .NRL file (T97 record) to the Registered Shipper at M-7. If the Meter Read Frequency has been amended after the population of the MRF_NON_COMPLIANCE data item but before the .NRL file is issued, then the MRF_TYPE_CODE (referenced within the T04 Record/.NRL File) will be the newly updated Meter Read Frequency, not the one that determined the population of the MRF_NON_COMPLIANCE data item. This means there may be a disparity between the MRF_NON_COMPLIANCE data item (within the T97 record) and the MRF_TYPE_CODE (within the T04 record) referenced in the .NRL file, leading to the MRF_NON_COMPLIANCE data item not being relevant for that Supply Meter Point. This has been highlighted for awareness as this is current functionality and will not be amended as part of this change.

G6: Associated Changes

Associated Change(s) and Title(s):	XRN5142 - New Allowable Values for DCC Service Flag in DXI File From DCC

G7: DSG

Target DSG discussion date:	24th May 2021
Any further information:	As this change pack is for information discussion at DSG is for clarification purposes only and will not seek any recommendations

G8: Implementation

Target Release:	November 2021
Status:	Approved

Please see the following page for representation comments template; responses to uklink@xoserve.com

Version Control

Document

Version	Status	Date	Author(s)	Remarks
1	Proposal	30/05/2019	Xoserve	Funding section updated
2	Proposal	03/06/2019	Xoserve	Funding section updated with service line
3	With DSG	11/06/2019	Xoserve	CP updated with DSG discussions from May and 3rd June 2019
4	Approval	17/06/2019	Xoserve	CP updated following ChMC outcome on 12th June 2019
5	With DSG	24/06/2019	Xoserve	CP updated with DSG discussions from 17th June 2019
6	With DSG	26/11/2019	Xoserve	CP updated with DSG discussions from 18th November 2019
7	Voting	10/12/2019	Rachel Taggart	Change Pack and Reps added from November Change Pack
8	Voting	15/01/2020	Rachel Taggart	Minutes from ChMC on 08/01/2020 added.
9	Deferred	15/05/2020	Rachel Taggart	Updated with ChMC outcome from the meetings on 04th and 13th May 2020
10	With DSG	02/03/2021	Chan Singh	Updated CP with discussions from DSG 22nd February 2021
11	With DSG	08/04/2021	Chan Singh	Updated CP with discussions from DSG 22nd March 2021
12	Approval	05/05/2021	Megan Troth	Updated CP with Section G Detail Design April 2021 Change Pack
13	With DSG	05/05/21	Chan Singh	Updated CP with discussions from DSG 26th April 2021
14	Approved	13/05/2021	Rachel Taggart	Updated with the design outcome from ChMC on 05/05/2021 and revised scope 12/05/2021
15	With DSG	03/06/2021	Chan Singh	Updated CP with discussions from DSG 24th May 2021
16	For Information	10/06/2021	Rachel Taggart	Updated with a reissued Detailed Design Change Pack

Appendix 1

Change Prioritisation Variables 30%

Xoserve uses the following variables set for each and every change within the Xoserve Change Register, to derive the indicative benefit prioritisation score, which will be used in conjunction with the perceived delivery effort to aid conversations at the DSC ChMC and DSC Delivery Sub Groups to prioritise changes into all future minor and major releases.

Change Driver Type	☐ CMA Order ☒ MOD / Ofgem ☐ EU Legislation ☐ License Condition ☐ BEIS ☐ ChMC endorsed Change Proposal ☐ SPAA Change Proposal ☐ Additional or 3rd Party Service Request ☐ Other *(please provide details below)*
Please select the customer group(s) who would be impacted if the change is not delivered	☒Shipper Impact ☐iGT Impact ☐Network Impact ☐Xoserve Impact ☐National Grid Transmission Impact
Associated Change reference Number(s)	XRN4941
Associated MOD Number(s)	
Perceived delivery effort	☐ 0 – 30 ☒ 30 – 60 ☐ 60 – 100 ☐ 100+ days
Does the project involve the processing of personal data? *'Any information relating to an identifiable person who can be directly or indirectly identified in particular by reference to an identifier' – includes MPRNS.*	☐ Yes *(If yes please answer the next question)* ☒ No
A Data Protection Impact Assessment (DPIA) will be required if the delivery of the change involves the processing of personal data in any of the following scenarios:	☐ New technology ☐ Vulnerable customer data ☐ Theft of Gas ☐ Mass data ☐ Xoserve employee data ☐ Fundamental changes to Xoserve business ☐ Other *(please provide details below)* *(If any of the above boxes have been selected then please contact The Data Protection Officer (Sally Hall) to complete the DPIA.*
Change Beneficiary *How many market participant or segments stand to benefit from the introduction of the change?*	☐ Multiple Market Participants ☐ Multiple Market Group ☐ All industry UK Gas Market participants ☐ Xoserve Only ☒ One Market Group ☐ One Market Participant
Primary Impacted DSC Service Area	Service Area 1: Manage Supply Point Registrations
Number of Service Areas Impacted	☐ All ☐ Five to Twenty ☐ Two to Five ☒ One
Change Improvement Scale? *How much work would be reduced for the customer if the change is implemented?*	☐ High ☒ Medium ☐ Low
Are any of the following at risk if the change is not delivered?	
☐ Safety of Supply at risk ☐Customer(s) incurring financial loss ☐ Customer Switching at risk	
Are any of the following required if the change is delivered?	
☐ Customer System Changes Required ☐ Customer Testing Likely Required ☒ Customer Training Required	
Known Impact to Systems / Processes	
Primary Application impacted	☐BW ☒ ISU ☐ CMS

	☐ AMT ☐ EFT ☐ IX ☐ Gemini ☐ Birst ☐ Other *(please provide details below)*
Business Process Impact	☐AQ ☒SPA ☐RGMA ☐Reads ☐Portal ☐Invoicing ☐ Other *(please provide details below)*
Are there any known impacts to external services and/or systems as a result of delivery of this change?	☐ Yes *(please provide details below)* ☐ No
Please select customer group(s) who would be impacted if the change is not delivered.	☒ Shipper impact ☒ Network impact ☐ iGT impact ☐ Xoserve impact ☐ National Grid Transmission Impact
Workaround currently in operation?	
Is there a Workaround in operation?	☐ Yes ☒ No
If yes who is accountable for the workaround?	☐ Xoserve ☐ External Customer ☐ Both Xoserve and External Customer
What is the Frequency of the workaround?	
What is the lifespan for the workaround?	
What is the number of resource effort hours required to service workaround?	
What is the Complexity of the workaround?	☐ Low *(easy, repetitive, quick task, very little risk of human error)* ☐ Medium *(moderate difficult, requires some form of offline calculation, possible risk of human error in determining outcome)* ☐ High *(complicate task, time consuming, requires specialist resources, high risk of human error in determining outcome)*
Change Prioritisation Score	30%

Document Control

Version History

Version	Status	Date	Author(s)	Summary of Changes
1	Draft	11/06/2019	Elliott Williams	Appendix completed