

# 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:	XRN5463		
Change Title:	Technical Debt reduction- Prime and Sub process enhancement		
Date Raised:	22/12/2021		
Sponsor Representative Details:	Organisation:	Xoserve	
	Name:	Paul Orsler	
	Email:	<a href="mailto:Paul.Orsler@xoserve.com">Paul.Orsler@xoserve.com</a>	
	Telephone:		
Xoserve Representative Details:	Name:	James Barlow	
	Email:	<a href="mailto:James.barlow@xoserve.com">James.barlow@xoserve.com</a>	
	Telephone:		
	Business Owner:		
Change Status:	<input type="checkbox"/> Proposal	<input checked="" type="checkbox"/> With DSG	<input checked="" type="checkbox"/> Out for Review
	<input type="checkbox"/> Voting	<input type="checkbox"/> Approved	<input type="checkbox"/> Rejected

## A2: Impacted Parties

Customer Class(es):	<input checked="" type="checkbox"/> Shipper	<input type="checkbox"/> Distribution Network Operator
	<input type="checkbox"/> NG Transmission	<input type="checkbox"/> IGT
	<input type="checkbox"/> All	<input type="checkbox"/> Other <Please provide details here>
Justification for Customer Class(es) selection	The proposal seeks to improve the energy reconciliation process for Prime and Subs where required, to ensure Shippers are invoiced accurately and in a timely manner.	

## A3: Proposer Requirements / Final (redlined) Change

Problem Statement:	<p>In the Prime &amp; Subs portfolio, the below scenarios have been identified where the reconciliation process is not working as expected:</p> <ol style="list-style-type: none"> <li>When a sub site is Isolated, consumption of the isolated sub site is not taken into account for the net-off calculation which then feeds into downstream processes such as Reconciliation and AQ calculation</li> </ol>
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	<p>2. Read replacement on sub sites does not trigger re-reconciliation. Net-off consumption should be re-calculated for the prime sites based on the read replacement on sub sites.</p> <p>Above scenarios are currently manually monitored and corrective actions are taken accordingly. However, delays in manual resolution could impact timely reconciliation of Prime &amp; Sub meter points.</p>	
Change Description:	<p>This change seeks to enhance the reconciliation process for Prime &amp; Sub sites within the CDSP central systems to remove the need for manual monitoring and data correction. Delivery of this change proposal will address the problem scenarios as defined within the problem statement.</p> <p>As the required changes will be internal to the CDSP and the analysis and corrective action is being undertaken in a support and maintenance capacity the proposed release will be ad hoc, in line with other maintenance work, to deliver benefits immediately.</p>	
Proposed Release:	Ad hoc	
Proposed Consultation Period:	<input checked="" type="checkbox"/> 10 Working Days	<input type="checkbox"/> 15 Working Days
	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [Specify Here]

#### A4: Benefits and Justification

Benefit Description:	<p>Delivery of this change proposal will ensure timely net off calculation for Prime &amp; Sub sites which will then feed downstream processes such as AQ Calc, MPRN Reconciliation and billing. It will also remove the requirement for manual monitoring of these processes.</p> <p><i>What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?</i></p>
Benefit Realisation:	<p>As soon as the change is implemented any isolation requests or meter read replacements received for Sub sites will realise the benefits.</p> <p><i>When are the benefits of the change likely to be realised?</i></p>
Benefit Dependencies:	<p>N/A</p> <p><i>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.</i></p>

## A5: Final Delivery Sub-Group (DSG) Recommendations – Removed

(see Section C for DSG recommendations)

## A6: Service Lines and Funding

Service Line(s) Impacted - New or existing	SA4: Meter Read/Asset processing ASGT-CS SA4-10		
Level of Impact	Minor		
If None please give justification			
Impacts on UK Link Manual/ Data Permissions Matrix	None		
Level of Impact	None		
If None please give justification			
Funding Classes :	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	<input type="checkbox"/> Shipper	XX %	XX %
	<input type="checkbox"/> National Grid Transmission	XX %	XX %
	<input type="checkbox"/> Distribution Network Operator	XX %	XX %
	<input type="checkbox"/> IGT	XX %	XX %
	<input checked="" type="checkbox"/> Other <please specify>	XX %	XX %
ROM or funding details:			
Funding Comments:	Funding for this change is secured as part of Technical debt Investment approved in IRC/BP 2021		

## A7: ChMC Recommendation – Initial Review

Change Status:	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
DSC Consultation Issue:	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No

**A8: ChMC Recommendation – Solution Review** – Not needed went straight to Detailed Design

## A9: ChMC Recommendation – Detailed Design

Change Status:	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
Industry Consultation:	<input checked="" type="checkbox"/> 10 Working Days		<input type="checkbox"/> 15 Working Days
	<input type="checkbox"/> 20 Working Days		<input type="checkbox"/> Other [Specify Here]

DSC Consultation Issue:	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Date Issued:	17/01/2022	
Comms Ref(s):	2955.6 - MT - PO	
Number of Responses:	None	
Solution Voting:	<input checked="" type="checkbox"/> Shipper	Approve
	<input type="checkbox"/> National Grid Transmission	Please select.
	<input type="checkbox"/> Distribution Network Operator	Please select.
	<input type="checkbox"/> IGT	Please select.
Meeting Date:	09/02/2022	
Release Date:	Release: Adhoc ASAP post approval. Date TBC	

Please send the completed forms to: [uklink@xserve.com](mailto:uklink@xserve.com)

## Section C: DSG Discussion

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### C1: Delivery Sub-Group (DSG) Recommendations

DSG Date:	24/01/2022		
DSG Summary:	JB confirmed that both this change and the next agenda item have been presented at DSG in December. The solution design change packs are out for consultation with customers and are included within the agenda for information.		
Capture Document / Requirements:	<Insert where appropriate>		
DSG Recommendation:	<input type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

# Section C: DSG Discussion

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## C1: Delivery Sub-Group (DSG) Recommendations

DSG Date:	24/01/2022		
DSG Summary:	JB confirmed that both this change and the next agenda item have been presented at DSG in December. The solution design change packs are out for consultation with customers and are included within the agenda for information.		
Capture Document / Requirements:	<Insert where appropriate>		
DSG Recommendation:	<input type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

## **Section D: High Level Solution Options**

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*Stage not used*

## **Section E: Industry Response Solution Options Review**

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*Stage not used*

## **Section F: Approved Solution Option**

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*Stage not used*

# Section G: Change Pack

## G1: Communication Detail

Comm Reference:	2955.6 – MT – PO
Comm Title:	XRN5463 – Technical Debt reduction- Prime and Sub process enhancement – Detailed Design Change Pack
Comm Date:	17/01/2022

## G2: Change Representation

Action Required:	For representation
Close Out Date:	31/01/2022

## G3: Change Detail

Xoserve Reference Number:	XRN5463
Change Class:	Functional System
ChMC Constituency Impacted:	Shipper Class A; Shipper Class B; Shipper Class C
Change Owner:	James Barlow <a href="mailto:james.barlow@xoserve.com">james.barlow@xoserve.com</a>
Background and Context:	<p>Technical Debt reduction is an internal project managed within Technology Operations under 'UKLink Optimisation'. The core objective is to reduce any technical debt around system, process or resource to effectively utilise these savings towards the fulfilment of UK Link system stability, reduce risk in daily operations and drive operational enhancements as required.</p> <p>Due to the nature of the change, the solution and design are presented together in this Change Pack. For reference the Change Proposal can be viewed <a href="#">here</a>.</p> <p>Currently, there are two scenarios in the Prime and Subs site process where the Prime net-off may not be accurate or completed in a timely manner, these are:</p> <ol style="list-style-type: none"> <li>1. When a sub site is Isolated, consumption of the isolated sub site is not taken into account for the net-off calculation which then feeds into downstream processes such as Reconciliation and AQ calculation</li> <li>2. Read replacement on sub sites does not trigger re-reconciliation. Net-off consumption should be re-calculated for the prime sites based on the read replacement on sub sites.</li> </ol>

	<p>These scenarios are currently manually monitored and corrective actions taken accordingly. However, delays in manual resolution could impact timely reconciliation of Prime &amp; Sub meter points.</p> <p>This change seeks to enhance the reconciliation process for Prime &amp; Sub sites within the CDSP central systems to remove the need for manual monitoring and data correction. Delivery of this change proposal will address the problem scenarios as defined within the problem statement.</p>
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#### G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Meter Readings; Reconciliation; RGMA transactions
Non-Functional:	None
Application:	SAP ISU
User(s):	Shipper Class A; Shipper Class B; Shipper Class C
Documentation:	None
Other:	None

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
MBR	None	M03	Reason Code – Description only	File Format

#### G5: Change Design Description

##### Scenario 1 – Meter Isolation at a Sub Site

Where the metering is isolated at a sub site this change will ensure that estimated coterminous reads are generated, by the CDSP, on the related sub sites to allow the net off calculation/reconciliation of the Prime Site to be completed on time.

The coterminous reads generated by the CDSP will be issued to the respective Shipper User(s) within the M03 record of the MBR file. These will have a Read Reason Code of 'CYCL' and Read Type of 'E' (As per existing process – No Change)

There will be the need for a documentation only change to the M03 record format to provide clarity on when the Reason Code of 'CYCL' can be used with a Read Type of 'E'. For the avoidance of doubt, there is no change to the M03 record, nor to the MBR file format, as this is already a valid combination. As per the attached, proposed, version of the M03, the Reason Code description will be updated as highlighted in red:

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 The reason why the read was taken.  
 VALUES:

CYCL – Cyclic Reads, **Actual or Estimated**, (Prime & Sub Reads) / Estimated Read for Confirmation Effective Date in Back Billing Processes



MRUN – Must Reads

- OPNN – Install Opening Read
- OPNX – Exchange Opening Read
- OPNT – Estimated opening Read (Transfer)
- FINX – Exchange Final Read
- FINT – Estimated final read (Transfer)
- FINC – Final Remove Read
- FICC – Final Class Change Read (Same Shipper)
- LDEX - Estimated read for LDZ or Exit Zone Change
- LISR –Line In Sand Read (Code Cut Off )

Link: [M03 BILLREADS V12FA](#)

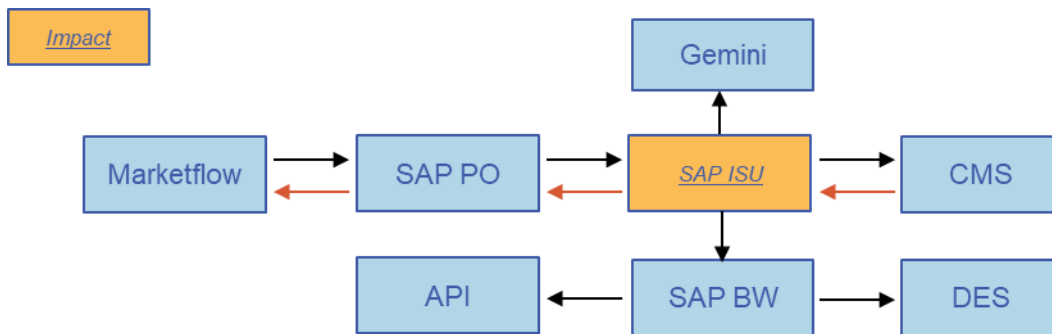
**Scenario 2 – Read Replacement for a Sub Site**

This change will ensure that the net off calculation of a Prime Site is triggered when a read is successfully Replaced on a related Sub Site.

There will be no changes to the reconciliation process itself, the only change is to enable the trigger at the correct point to remove the requirement of manual monitoring and intervention.

**Impacted Systems**

As per the detail provided above, the only functional area impacted by this change is SAP ISU.



As part of the impact assessment it has been verified that this change will not impact any ongoing releases or changes.

**Implementation**

As per section G8, the aim is to deliver these changes as soon as possible post approval so please consider this objective when submitting your representations.

**G6: Associated Changes**

Associated Change(s) and Title(s):	None
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## G7: DSG

Target DSG discussion date:	20 <sup>th</sup> December 2021
Any further information:	Solution option was discussed, minutes available <a href="#">here</a> , and there were no challenges or objections to the proposed solution.

## G8: Implementation

Target Release:	Ad hoc – ASAP post approval
Status:	Awaiting approval

Please see the following page for representation comments template; responses to [uklink@xoserve.com](mailto:uklink@xoserve.com)

# Section H: Representation Response

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*We received no responses to this change pack.*

# Version Control

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## Document

Version	Status	Date	Author(s)	Remarks
1.0	For Approval	22/12/2021	Kiran Kumar	CP Raised
2.0	Approved	18/01/2022	Rachel Taggart	Updated with the outcome from ChMC on 12/01/2022
3.0	With DSG	02/02/2022	Chan Singh	CP updated with discussions from DSG 24 <sup>th</sup> January 2022
4.0	Approved	14/02/2022	Molly Haley	Detailed design Change pack added & approved at ChMC on 09/02/2022