

# 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:	5535A		
Change Title:	Processing of CSS Switch Requests Received in 'Time Period 5'		
Date Raised:	24/06/2022		
Sponsor Representative Details:	Organisation:	Xoserve	
	Name:	Emma Smith	
	Email:	Emma.smith@xoserve.com	
	Telephone:		
Xoserve Representative Details:	Name:	David Addison	
	Email:	David.addison@xoserve.com	
	Telephone:	07428559800	
	Business Owner:		
Change Status:	<input type="checkbox"/> Proposal	<input checked="" type="checkbox"/> With DSG	<input 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 checked="" type="checkbox"/> Distribution Network Operator
	<input checked="" type="checkbox"/> NG Transmission	<input checked="" type="checkbox"/> IGT
	<input type="checkbox"/> All	<input type="checkbox"/> Other <Please provide details here>
Justification for Customer Class(es) selection	<p>All Core DSC Customers are potentially impacted by this process. This relates to receipt of 'late' Secured Active messages from the DCC for Registrations that were due to go live at 00:00 on D. Time Period 5 was defined as messages received after 02:59:59 on D – which could include receipt materially after this time. Consequently, we need to assess the impacts to all parties.</p>	

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

Problem Statement:	<p>The Central Switching System (CSS) masters Registration for CSS Supply Points. CSS will send Secured Active Messages to the Gas Retail Data Agent (GRDA) to record in the UK Link system, including Gemini.</p> <p>Messages should be transmitted from 17:00. At peak day loads 90% of messages should have been received by 17:40. We had</p>
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	<p>assumed the remaining messages would normally be fully discharged by 18:00 and raised CRD129 to allow the GRDA to reject messages received after this point. Progression of this change will now be under REC Change Management processes.</p> <p><b>Prior to any implementation of CRD129 / sanction for the GRDA to reject such late messages, the CDSP requires a means of processing excessively late messages.</b></p> <p>In the event of failure the CSS System has an Return to Operation of 1 hour, and a target recovery following a Disaster of 4 hours with a maximum recovery of 8 hours.</p> <p>We have defined time periods within which certain actions need to be taken by Xserve and Correla to enable processing. E.g. Time Period 1 which runs to 19:29:59 – provided all messages are received by this time then these can be processed with minimal or no intervention by Correla. Time Period 2 up to 21:29:59 will require intervention to hold jobs but provided that all Secured Active messages are received by the deadline will allow UK Link Application (SAP ISU) and Gemini to align with CSS. Time Period 3 and 4 will require greater intervention, including allowing Gemini processes to be run having not received all Secured Active messages and require manual adjustment prior to Closeout at D+5 to ensure that this is reflected in Gemini.</p> <p><b>In the event that all Secured Active messages are not received by 02:59:59 then the remaining batches must be released so as not to compromise UK Link system processing – meaning that UK Link Application and Gemini will not reflect the Registration held in CSS systems for any Secured Active messages not received by this time.</b></p> <p>Based upon the maximum DR time messages should not be received after 02:59:59 (assuming that DR is called in a timely manner (within 1 hour of failure)) and that all Secured Active messages are discharged within one hour).</p> <p><b>This change request seeks to identify a solution in the event that these circumstances arise.</b></p>
<p>Change Description: +</p>	<p>The circumstances where the GRDA receives messages after 02:59:59 should be exceptionally rare – i.e. systems have failed in normal operation; the resilience built into the system to maintain contiguous service have failed such that they cannot be restored within the 1 hour RTO; Target DR Recovery has been missed AND Maximum DR Recovery has also been missed.</p> <p>Since this change is required in such rare circumstances this change needs to identify a solution that is cost effective to implement so that these Registrations can be recorded in UK Link systems.</p> <p>The analysis needs to engage stakeholders to determine the risk / impact of the solution to all industry participants.</p> <p><b>This change should focus on short term options for implementation. It is not proposed to initiate a large investment given the extremely low likelihood of this scenario occurring.</b></p>

Proposed Release:	Release: Feb/Jun/Nov XX or Adhoc DD/MM/YYYY	
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>Registration will be mastered by the CSS following 18<sup>th</sup> July. In the event of repeated and catastrophic failure by systems then the gas industry needs a means of recording these registrations into the UK Link system responsible for Settlement processes.</p> <p>The benefit is mitigating the risk of misalignment of Registration and Settlement 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>This change is mitigating the risk that the central system responsible for Registration becomes misaligned with that responsible for Settlement.</p> <p>We would expect that this process would only be used in the event of catastrophic system failure and only once Disaster Recovery processes have been invoked.</p> <p>Provided systems work as expected and the system Disaster Recovery processes are effective, then the processes introduced under this Change Proposal will never be used.</p> <p><i>When are the benefits of the change likely to be realised?</i></p>
Benefit Dependencies:	<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	<p>DS-CS-SA3-32 – “The receipt, acknowledgement and processing of all data provided by CSS Provider where such data must be recorded in a Supply Point Register” was added to the Service Description Table to become effective from CSS Implementation Date (18<sup>th</sup> July 2022).</p> <p>It is proposed that a further Service Line is added to deal with the specific circumstances of Disaster Recovery related to receipt / processing of ‘late’ Registration messages.</p> <p>Consideration will, depending on the solution proposed, also need to consider adjustment processes, if required.</p> <p>Consideration will need to take account of maintenance and regular review of any manual DR processes created.</p>
Level of Impact	Major

If None please give justification			
Impacts on UK Link Manual/ Data Permissions Matrix	No impact to the Data Permissions Matrix. Assessment will be required to the UK Link IS Service Definition and the Code Communications Reference documents which form part of the UK Link Manual.		
Level of Impact	Unclear		
If None please give justification			
Funding Classes :	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	<input checked="" type="checkbox"/> Shipper	XX %	XX %
	<input type="checkbox"/> National Grid Transmission	XX %	XX %
	<input checked="" type="checkbox"/> Distribution Network Operator	XX %	XX %
	<input type="checkbox"/> IGT	XX %	XX %
	<input type="checkbox"/> Other <please specify>	XX %	XX %
ROM or funding details:			
Funding Comments:	This will impact changes to 'Manage Supply Point Registration' which is funded entirely by Shippers. As part of the analysis an assessment will need to be undertaken against the impact to Invoicing components.		

### 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

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

# Version Control

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## Document

Version	Status	Date	Author(s)	Remarks
1.0	Raised	28/06/22	David Addison	New CP
1.1	Approved	15/07/2022	Molly Haley	Updated with the outcome from ChMC on 13/07/2022