DSC Business Evaluation Report (BER)

Change Title	Implementation of Resend Functionality for Messages from CSS to GRDA (REC CP R0067)
Xoserve reference number (XRN)	XRN5567
Correla Project Manager	TBC
Email address	
Contact number	
Target Change Management Committee date	January 2023
Section 1: In Scope	

This change request proposes the ability for Central Service Providers to request CSS to issue specific messages. This change is seen as one of a number of mitigations to reduce the likelihood of inconsistencies between the CSS and other industry systems. The messages within scope of the change are:

'Re-send' – RegistrationSecuredActiveSynchronisation

'Re-send' – RegistrationCancelledSynchronisation

'Refresh' – RegistrationEventSynchronisation

All messages will be requested by the GRDA using predefined formats to the CSS.

The 'Re-send' messages will, where fulfilled, be processed within the Gate Closure period and should therefore avoid an instance of a Registration becoming effective on CSS but not being recorded on the UK Link system. The Re-send functionality is designed to replay the original message. Of the missed messages to date there are a number of instances where CSS did not generate the messages and so they would not be available to be sent in future. This risk should be recognised but it is hoped that such instances should be reduced as the CSS becomes more operationally mature.

The Refresh message will have to be triggered manually as an exception – for example where a Re-send request has not been fulfilled in Gate Closure, in this instance the GRDA will need to request a Refresh to determine whether CSS has set a Registration Live. The GRDA will only be able to do so once the Registration has gone live – therefore there will be an inconsistency between CSS and UKL as we will need to prospectively apply such Registrations into UK Link systems. The Refresh functionality should minimise the period of his inconsistency as it eliminates the reliance on responses from the Switching Operator Service Management Incident tickets.

XRN	Title	Type	Description	Link to Change Proposal	Impacts
5567		CP	Implementation of Resend Functionality for Messages from CSS to GRDA (REC CP R0067)		Shippers

Shippers are listed as 'impacted' as this Change Proposal is planned to be funded 100% by Shippers from Service Area 1. There should be no functional changes to any DSC party systems as a result of this change as the interfaces that are being changed are between the CSS and GRDA. No UK Link Communications will be amended as a result of this Change.

We have planned for a period of testing with CSS in order to ensure that CSS and GRDA/CDSP systems can integrate effectively. There is no planned external User testing.

Section 2: Out of Scope

The scope of XRN5567 is limited to the GRDA request of, and subsequent receipt of, the above three messages.

XRN5535 will be responsible for the necessary system and process changes to apply Registrations and any subsequent adjustments in instances where the CSS and UKL Effective Dates are not aligned.

Section 3: Funding required to deliver the change

The following section outlines the proposed costs

XRN Ref	HLSO £	Design EQR	Build £	Test £	Implement-ation PIS £	MT £	1st Year MTB £	Delivery Total	CSSC Impact £	Risk Margin £	BER Total for Approval £	Shipper £	DN £	IGT £	NTS £	Total
5567			£24,000	£47,275			£22,000	£93,275	N/A	Nil	£93,275	£93,275	0	0	0	£93,275

CDSP had anticipated that this change R0067 was due to be implemented in the Early Life Support phase following CSS Implementation, but this approach was rejected by Ofgem. The CSSC Programme undertook a number of design and build activities in order to reduce costs and timescales for delivery of this change.

Key

Item	Description
XRN	The recognised reference of the change
HLSO	Cost of approved solution
Design EQR	Cost already approved in the related EQR. If BER is being done for standalone release and no EQR was published, leave blank
Build	Costs associated with building functional changes
Test	Is a total of all testing (other than MT) to includes UAT, System Test, System Integration Test, Regression Test and Performance Test
Market Trials	Costs associated with Market Trials - if none required for the XRN, the field is left blank
MTB	Costs associated with additional to MTB through to end of the Financial Year
Delivery Total	Total costs per XRN minus related EQR costs, risk margin and contingency
Risk Margin	Costs associated with the mitigation of known risks relating to each XRN should they materialise during the project
BER Total for Approval	Total costs per XRN minus related EQR costs (inclusive of risk margin and contingency) being requested for approval in ChMC
Shipper %	% of costs being funded by Shippers
DN %	% of costs being funded by DNs
IGT %	% of costs being funded by IGTs
NTS %	% of costs being funded by NTS
Shipper £	Costs being request for approval via BER (BER Total for Approval * Shipper % Share
DN £	Costs being request for approval via BER (BER Total for Approval * DN % Share
IGT £	Costs being request for approval via BER (BER Total for Approval * IGT % Share
NTS £	Costs being request for approval via BER (BER Total for Approval * NTS % Share
Total	Sum of all costs related to each change

Section 4: Estimated impact of the service change on service charges

This change delivery will require additional technical components in order to request the message Resends and consequently technical support team monitoring and support. The Refresh functionality will require technical support which has been accounted for, but further requires Business Operation support which should be considered as a temporary activity until such time as the integration of the two systems are effective. This BER does not include the Operational team effort, but proposes that this is considered as part of XRN5535 – which will consider the remedial action needed for missing messages that have occurred and the necessary process changes in the event that instances occur in the future.

This Change Proposal does not propose a new DSC Service Line. It will supplement existing DSC Service Lines associated with the receipt and processing of Definitive Registration Notifications from CSS.

XRN	Xoserve Service Area & Line	Impact	(+/-) Projected Change in Annual Cost	
XRN5567	Service area 1: Manage Shipper Transfers DS-CS SA1 – 41; DS-CS SA1 – 42	Technical Operations additional Monitoring	+ £22,000	
		Total	£22,000	

Section 5: Project plan for delivery of the change

REC 67 General Plan													
Project Intitiation	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Go Live
	A&D				Environment Build & Data Prep						UAT/E2E		Go Live
		Build											
		FUT		SIT & RT									

Dependencies:
- This BER is presented to ChMC prior to the approval of R0067 by the REC Change Panel. We will not progress design and build activities until R0067 is approved. Following approval by ChMC we will commence Project Initiation – e.g. identification of the project team and commencing detailed planning.
- Integration between other parties has not been undertaken. Should there be an amendment to the critical path period between the period of integration testing between the GRDS and CSS and the date of implementation this may extend the project timelines and costs quoted.

Section 6: Additional information relevant to the proposed service change

Risks:
Xoserve and Correla have yet to receive detailed technical documentation from Landmark related to the technical solution. This risk is expected to be minimal as we understand that Landmark are undertaking minimal development activity and are only extending the existing DSP functionality to additional Service Providers. A series of design assumptions have been highlighted as part of the REC Detailed Impact Assessment response. Should these prove to be incorrect we will need to further assess the solution, which may extend deign and build.

The plans detailed in the above section have not been integrated across all participants. Should there be an amendment to the critical path period between the period of integration testing between the GRDS and CSS and the date of implementation this may extend the project timelines and costs quoted.

Issues:
This project will not solve the missing message problem. This change will reduce the likelihood of messages being lost or delayed in the integration components between the GRDS and CSS. In some instances seen to date the CSS has been unable to generate the Registration messages – should such instances occur in the future this solution will not resolve these as this will rely upon improved resilience in the CSS application.

Assumptions:
We have assumed that this change can be implemented outside of a major release. We do not anticipate any impacts to DSC Customers as a result of this implementation, therefore we propose to progress this change as soon as possible.

Further on-going Operational (MTB) Costs will be identified as part of the Operational process change (XRN5535). These have been excluded from the change costs quoted in this BER.

Please send completed form to: box.xoserve.portfoliooffice@xoserve.com

Document Version History

Version	Status	Date	Author(s)	Summary of Changes

Template Version History

Version	Status	Date	Author(s)	Summary of Changes
2.0	Approved	17/07/18	Rebecca Perkins	Template approved at ChMC on 11th July
3.0		23/06/2021	James Rigby	Table added to section 1 More detailed table in section 3 More detailed table in section 4 Inserted a project plan example in section 5 Table added in section 6