CSSC Programme Dashboard

February 2022

Programme Health – RAG

	Previous	Current
Overall Programme Status	Previous	Current
Programme Plan	Previous	Current
Risk Profile	Previous	Current
Resources	Previous	Current

The programme remains at a Green status and all Programme activities remain on track with all key internal and eternal milestones being met

Xoserve raised a CR (CR-D129) to include an NFR to ensure all Secured Active Messages from CSS reach UK Link within a stipulated time following Gate Closure. Discussions have been held with Ofgem (details below)

Executive Summary

Potential Mismatch Between CSS & UK Link & Gemini:

Based on the CSS design and the Programme testing carried out to date, normal operation should be satisfied from CSS with enough time to process secured active messages. However, there is a risk that some messages may be received late or in an extreme circumstance experience a system failure which could result in a disconnect. Following discussions with Ofgem, DCC/Landmark and ourselves have been instructed to look at exceptions processes and Service Management measures to mitigate the issue should it occur.

An RTO of one hour was stipulated on CSS as part of design in DB4 requirements. This RTO will allow ensure CSS will be operational within an hour of any P1 failure, which in turn protects PUI processes as this will allow us to accept and process the secured active messages and keep systems in sync. It has recently come to our attention that the REC schedule pertinent to CSS is referring to an RTO of four hours rather than the one-hour RTO. This would mean that CSS has four hours to recover and if a failure was seen at gate closure Xoserve and other parties would not receive secured active messages within the expected NFR. We continue to work this through with the Central Programme and REC

Transition: The Programme have approved 18th of July as the Go-live date. Transition Testing is being undertaken currently, with Transition Stage 2 being inflight. Xoserve have had 2 minor defects which have been addressed without any implications to timelines.

Internal and external activities are now focussed on Business and Operational readiness.

Upcoming Activities & Milestones (Next Month)

- **Transition**: Completion of transition testing stage 2 and commencement of stage 3.
- Operational Readiness: Planned activities are on track

Green Workstream Updates

RAG Previous MONTH	RAG Current MONTH	WORK STREAM	SUMMARY
		DES & Secondary API	UEPT/E2E support continues
		Testing	UEPT low priority testing continues. This will conclude at the end of February
		Service Management	Continued operational readiness support. Internal workshops being held with relevant business teams to continue to work through scenarios in readiness for early life support and Go Live
		Batch	All internal activities are on track and being managed across workstreams as well as working with other Programmes where activities require monitoring and regression tests following Programme CR releases
		Gemini	Readiness for Go Live activities are being undertaken
		Reporting	Continued review and awareness sessions being held with the wider business as part of our business change activities
		UK Link	We continue to work on the approval and implementation of internal CR's within the Programme release timelines

Green Workstream Updates

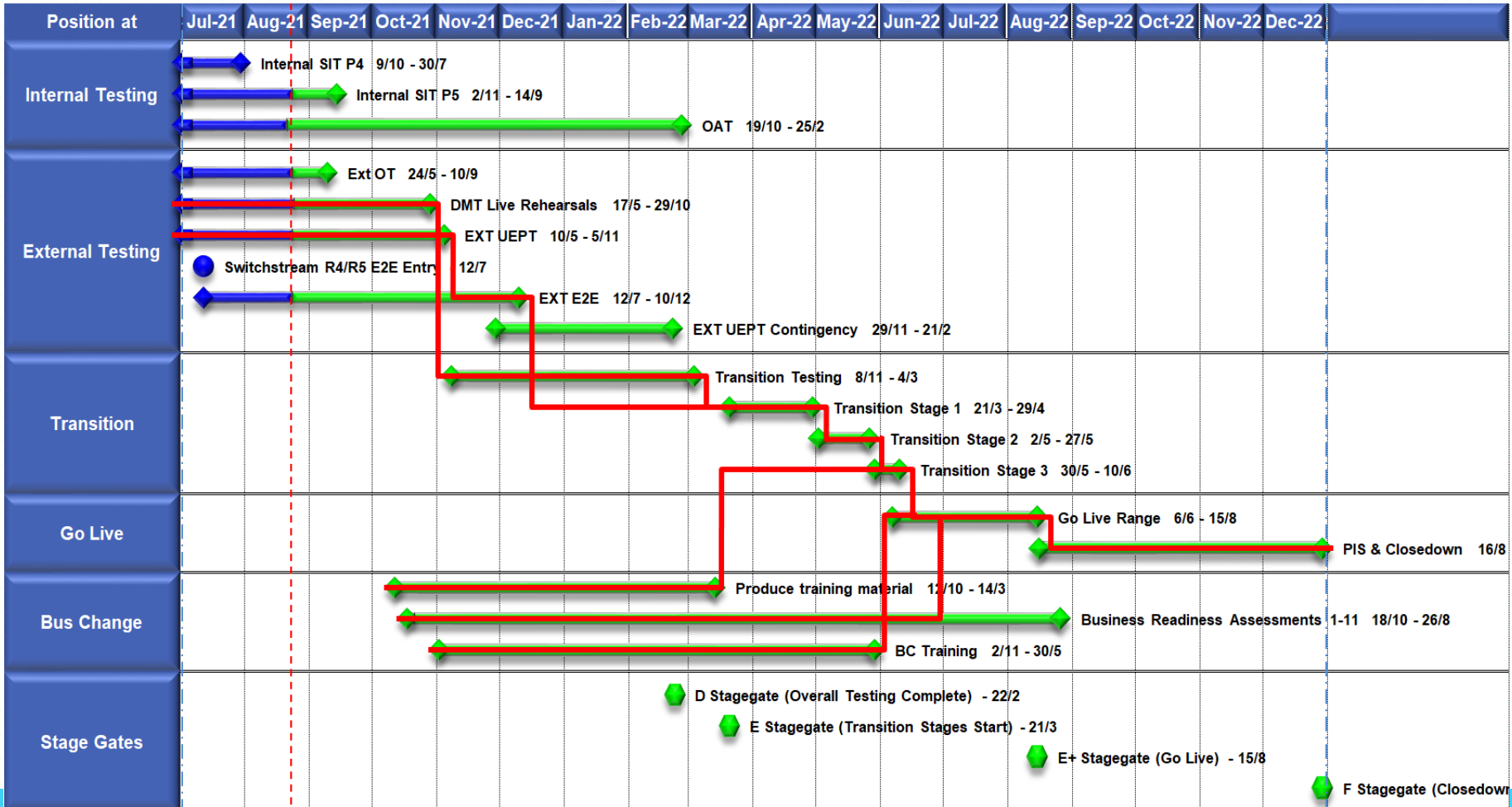| RAG Previous MONTH	RAG Current MONTH	WORK STREAM	SUMMARY
🟩	🟩	**REC**	REC version 3 consultation is complete.
🟩	🟩	**Data**	REL Cycle 5 has been delivered to Landmark in advance of the delivery milestone. Landmark are working on providing the REL cycle 4 analysis reports. Once analysed we will issue to the wider industry for industry cleanse. Continue to work with transition workstream for planning for cutover and transition.
🟩	🟩	**Environments**	All activities continuing to track to plan for all upcoming activities. Environment readiness for Transition is in progress. Environment requirements will continue to be assessed in line with the Cloud Programme for combined activities.
🟩	🟩	**MAP C (XRN-4780C)**	Successfully implemented as part of the November 21 release (Go-Live in January 22)
🟩	🟩	**SoLR (XRN-5144)**	Industry consultation concluded. Chosen SOLR option to be implemented
🟩	🟩	**Transition**	Transition Testing on track to schedule. All activities continue to be on track

Key Programme Risks (1/2)

RTC	RAG	Workstream	Description	Mitigation Strategy	Latest Update	Resolution Date
64171	🟧	Transition and Cutover	There is a risk that the SoLR process might kick off during the transition period because of a supplier going out of business at that time leading to Landmark needing to cater to additional volumes and also the potential for additional requirements for PUIs to undertake to ensure Transition timelines are maintained	Raise the risk with Ofgem and SI to understand what non-functional considerations have been applied to enable Landmark to manage the increased volumes Raise with the SI to include a transition test scenario if relevant to mitigate this possibility	Discussed at Delivery Group 25/01. Minutes pending.	01/03/22
64513	🟧	Data	There is a risk that data cleansing requirements may not be met because Xoserve are not responsible for the data in UK Link, and can't compel shippers / GTs / iGTs to correct their data leading to incorrect data at the point of go live.	Communicate requirements through DSG and track progress	MDD data cleansing is with Customer Advocates to process. Additionally, further work is ongoing on REL reports	18/07/22
63646	🟩	Service Management	The DCC will be establishing a Service Review. There is a risk that Xoserve will be misrepresented because the DCC have not confirmed what the reporting requirements are for this forum leading to to the Review not providing an accurate view to market participants and a reputation impact on Xoserve.	XOS will push DCC for clarity within the monthly forums. We have requested that this is added as an agenda item within the October forum.	DCC engagement with DCC will ramp up in 2022 we will ensure reporting requirements are on the agenda	25/02/22
64002	🟧	Programme	There is a risk that ongoing pipeline of customer driven and regulatory change within the industry could impact the CSSC and wider Switching Programme delivery because of technical conflict with the design of other changes and demand on resources across Xoserve and the customer teams involved in Switching Programme delivery leading to additional regression testing activity, CRs raised to modify solutions already developed and tested by the programme, delays to the overall Switching Programme, and therefore unplanned costs for Xoserve.	1. Discuss the potential for change moratoria with Ofgem that could restrict the volume of change being made and in particular mitigate some of this risk in relation to coding impacts 2. Investigate the availability of and if necessary invest in tooling to support more enhanced branching and merging in terms of development to mitigate the technical impact of any non-CSSC changes. 3. Work with the SI to monitor for any potential impact on programme resources, including customer resources, that may result from change initiatives running in parallel with critical path Switching Programme phases.	SoLR impacts could manifest itself during the upcoming months - continues to be monitored	31/03/22
65122	🟩	Transition/ Cutover	There is risk that additional Transitional changes could change scope of Transition because more changes are identified as Transition planning continues at the Central programme level leading to changes to the Transition plan and Xoserve planned activities.	Xoserve are actively involved in all programme work groups to monitor and mitigate this risk.	Continue to monitor, low exposure at this point	28/02/22
66480	🟧	Programme	There is a risk that the Go Live date could be pushed out further because of the current market situation in the Gas Industry with suppliers going out of business leading to additional cost to the programme, significant re-planning and impacts to other Correla initiatives	Regular communication with OFGEM to understand their strategy to address this issue	Continues to be monitored	21/01/22

Key Programme Risks (2/2)

RTC	RAG	Workstream	Description	Mitigation Strategy	Latest Update	Resolution Date
66599		Programme	There is a risk that the Transition phase of the Switching Programme may be adversely impacted as a result of SoLR activities consuming the focus and efforts of Business and Operational teams who had been planned to be focused on Switching Programme Transition activities leading to a potential impact to Transitional activities as planned currently (March 2022)	Liaise with Switching Programme stakeholders to agree mitigations	Continues to be monitored	28/02/22
66906		Programme	There is a risk that UK Link may become out of sync because CSS may send secure active messages later than expected (circa 5:35pm) because of any upstream delays from CSS leading to a data mismatches between UK Link and CSS and more importantly Gemini and settlement issues which are incredibly difficult to correct.	- Xoserve have raised CR-D129 to mitigate this risk. - Discussions ongoing with programme stakeholders	Session undertaken with Ofgem with actions in place. This will be tracked until mitigation actions are completed	31/01/22
66907		Programme	There is a risk that the SLAs stipulated with the CSS NFRs (1 Hr RTO) will not be met post CSS Go-live because REC is using the Switching BCDR document as the base for REC Service Definitions which has a 4 hour RTO defined with a maximum time of 8 hours for CSS to come back into operation leading to a massive impact on UK Link downstream processing, particularly with Gemini and settlement	This is being raised with REC and relevant Ofgem stakeholders	Awaiting updates re.RTO. Conversation also had with Programme Coordinator around this risk	31/01/22
66908		Programme	There is a risk that the industry has not defined and agreed joint processes should key central components such as CSS go down during key times in the day (e.g. Gate Closure) because CSS BC/DR processes have been approved without addressing the queries and caveats called out during the consultation process leading to the possibility that should a DR event occur, downstream impacts are not understand or mitigated	This will be raised with REC and Ofgem	Awaiting updates re.RTO. Conversation also had with Programme Coordinator around this risk	28/02/22

Switching Programme CR Position – CRs impacting Xoserve

CR Name	CR Ref	High Level Cost IA Cost	Date Raised	Status
Programme Plan Re-Baseline	CR-D002	£0.00	07/11/2019	Approved - Complete
Updates to the CSS Physical Interface Design (PhID).	CR-D008	£17,250.00	22/01/2020	Approved - Internal CR Created
CSS_Exception_Handling_Strategy_v0.2	CR-D014	£0.00	26/02/2020	Approved - Internal CR Created
Provide_CSS_RegistrationID_to_PUI_and_LPs	CR-D016	£12,643.00	07/08/2020	Approved - Internal CR Created
Licence Exempt Network Customer Identifier – ABACUS Data Model update	CR-E51	£0.00	29/10/2019	Approved - Complete
Amendments to the DMS artefact suite	CR-D019	£6,500.00	16/03/2020	Approved - Internal CR Created
Migration of Terminated Gas RMPS	CR-D022	£0.00	10/06/2020	Approved - Internal CR Created
Amendments to the NC-0079 for REL (Retail Energy Location) Data Migration and Reconciliation	CR-D024	£20,000.00	06/07/2020	Approved - Internal CR Created
DMS - PHID Alignment Parties	CR-D026	£0.00	06/07/2020	Approved - Internal CR Created
Request For a New or Upgraded DMT Environment	CR-D027	£256,009.00	07/08/2020	Approved - Internal CR Created
Enable TLS connection pooling for all directly connected parties to CSS]	CR-D028	£2,500.00	13/07/2020	Approved - Internal CR Created
Message Header Format for PKI Certificate Identification]	CR-D029	£2,500.00	13/07/2020	Approved - Internal CR Created
SIT Functional Test Re Plan Enabling Parallel Testing	CR-D030	£56,000.00	20/07/2020	Approved - Internal CR Created
DM_Validation Catalogue_Shipper_Effective_Date_Change_	CR-D032	£0.00	03/08/2020	Approved - Internal CR Created
Compression During Data Migration	CR-D034	£500.00	09/09/2020	Approved - Internal CR Created
Uplift to the CSS Interface Specifications	CR-D038	£70,000.00	07/10/2020	Approved - Internal CR Created
Uplift to Business Data Validation Rules	CR-D039	£20,000.00	25/09/2020	Approved - Internal CR Created
Programme Plan Re-Baseline	CR-D042	£14,913,000.00	28/09/2020	Approved - Internal CR Created
Changes to Support Energy Company Data	CR-D059	£37,500.00	03/08/2021	Approved - Internal CR Created
Operational Choreography Detection 0.5	CR-D060	£308,205.00	25/01/2021	Awaiting Decision
Operational Choreography Rectification 0.3	CR-D061	£0.00	25/01/2021	Awaiting Decision
Amendment of Data Migration Solution to Protect Programme Timescales - Removal of Transition Stage 1 Delta files	CR-D062	£83,490.00	25/02/2021	Approved - Internal CR Created
Change to Management of In-Flight Switches Approach	CR-D071	£0.00	15/03/2021	Approved - Internal CR Created
Increase Cadence of Data cuts	CR-D080	£24,600.00	10/05/2021	Approved - Internal CR Created
Amendment to Assumptions as a result of analysis undertaken during CP1 v0.4]	CR-D083	£0.00	24/05/2021	Approved - Complete
TT Remediation & Paper-Based Testing Workshop	CR-D095	£10,000.00	23/08/2021	Approved - Complete
Changes to DB4 document; "E2E Transition Plan – Implementation Approach' to remove the requirement to expose the REL	CR-D105	£0.00	31/08/2021	Approved - Internal CR Created
Additional Regression Testing cycles	CR-D113	£20,000.00	19/11/2021	Approved - Internal CR Created
Amendments to NCD-0008 Data Cleansing Catalogue v1.5 to reflect newupdated data cleansing requirements following DA310 analysis of industry data cleansing progress	CR-D115	£0.00	25/10/2021	Approved - Internal CR Created
Uplifting the CSS Business Data Validation Rules document to v1.3	CR-D124	£18,500.00	26/11/2021	Approved - Internal CR Created

Switching Programme CR Position – CRs not impacting Xoserve (Cost Implication)

CR Name	CR Ref	Date Raised	Status
Non_Mandatory_MPAS_Metered_Indicator_v0.4	CR-D001	27/01/2020	Complete - No Xoserve Impact
REC Manager Procurement Timelines	CR-D003	02/12/2019	Complete - No Xoserve Impact
MPAS Related MPAN Disconnection	CR-D004		Withdrawn
Introduction of Validation Message to Logical Mode	CR-D005	25/11/2019	Withdrawn
Modification of Related MPAN Cleanse Checkpoint Milestones	CR-D006	27/11/2019	Complete - No Xoserve Impact
ABACUS Corrections and Re-alignments	CR-D007	04/12/2019	Complete - No Xoserve Impact
ECOES REL API Webmethod	CR-D009	17/12/2019	Complete - No Xoserve Impact
CSSIA Uplift to Implement IG Recommendations	CR-D010	17/12/2019	Complete - No Xoserve Impact
Update 3 E2Es to align to CSSIA	CR-D011	10/06/2020	Complete - No Xoserve Impact
CSS_Physical_Interface_Design_Updates_mpxn_v0.2	CR-D012	30/01/2020	Complete - No Xoserve Impact
Messaging_Requirements_Revisions_REC_Code_Manager_and_CSS_v0.1 Clean	CR-D013	28/01/2020	Complete - No Xoserve Impact
Amendment_of_Xoserve_Consequential_Change_Milestone_Delivery_Dates_v0.2[DRAFT]	CR-D015	26/02/2020	Withdrawn
CSS_Handling_of_MPAS_Business_Dates_v0.2[DRAFT]	CR-D017	20/07/2020	Complete - No Xoserve Impact
Confirmation_Responses_to_Outbound_Synchronisations_v0.2[DRAFT]	CR-D018	02/03/2020	Withdrawn
Regulatory Workstream – Programme Milestones Refresh	CR-D020	16/03/2020	Withdrawn
Remove MPAS Interface	CR-D021	29/04/2020	Withdrawn
DSP_Specific_ SIT_ Functional_Exit_Criteria	CR-D023	29/05/2020	Complete - No Xoserve Impact
Changes to support enhanced Solar arrangements	CR-D025		Withdrawn
CSS Role-based access control (RBAC)	CR-D031	24/07/2020	Withdrawn
A Quality Analysis Activity of the Data being used for the DMT Non-Functional Test Phase	CR-D033		Withdrawn
CSS Change from UTC to Local Time	CR-D035	22/09/2020	Complete - No Xoserve Impact
Xoserve CR for DES AI Removal	CR-D036	24/09/2020	Complete - No Xoserve Impact
Provide_CSS_RegistrationID_to_LPs	CR-D037	06/10/2020	Complete - No Xoserve Impact
UEPT Tranche Regulatory Change	CR-D040	N/A	Complete - No Xoserve Impact
NCT-0073 Functional Script Master Changes	CR-D041	25/09/2020	Complete - No Xoserve Impact
Update to the End to End Testing Plan	CR-D043	05/10/2020	Complete - No Xoserve Impact
Request For a New DMT Environment for DMT Live Rehearsal	CR-D044	23/10/2020	Complete - No Xoserve Impact
NC-0079 Adding Post Load Integrity Check Document	CR-D045	09/11/2020	Complete - No Xoserve Impact
Uplift to the Code of Connection	CR-0046	09/11/2020	Complete - No Xoserve Impact
Correctional Changes to MAD Log v2.0 & POAP v2.0	CR-D047	13/11/2020	Complete - No Xoserve Impact
Changes to Data Milestones in MAD Log v2.0 & POAP v2.0	CR-D048	09/11/2020	Complete - No Xoserve Impact
Consequential Changes to Testing Milestones in MAD Log	CR-D049	13/11/2020	Withdrawn
CSS Environments for Faster Switching Enduring Service	CR-D050		Withdrawn
Changes to Data Validation Rules	CR-D051	30/11/2020	Complete - No Xoserve Impact

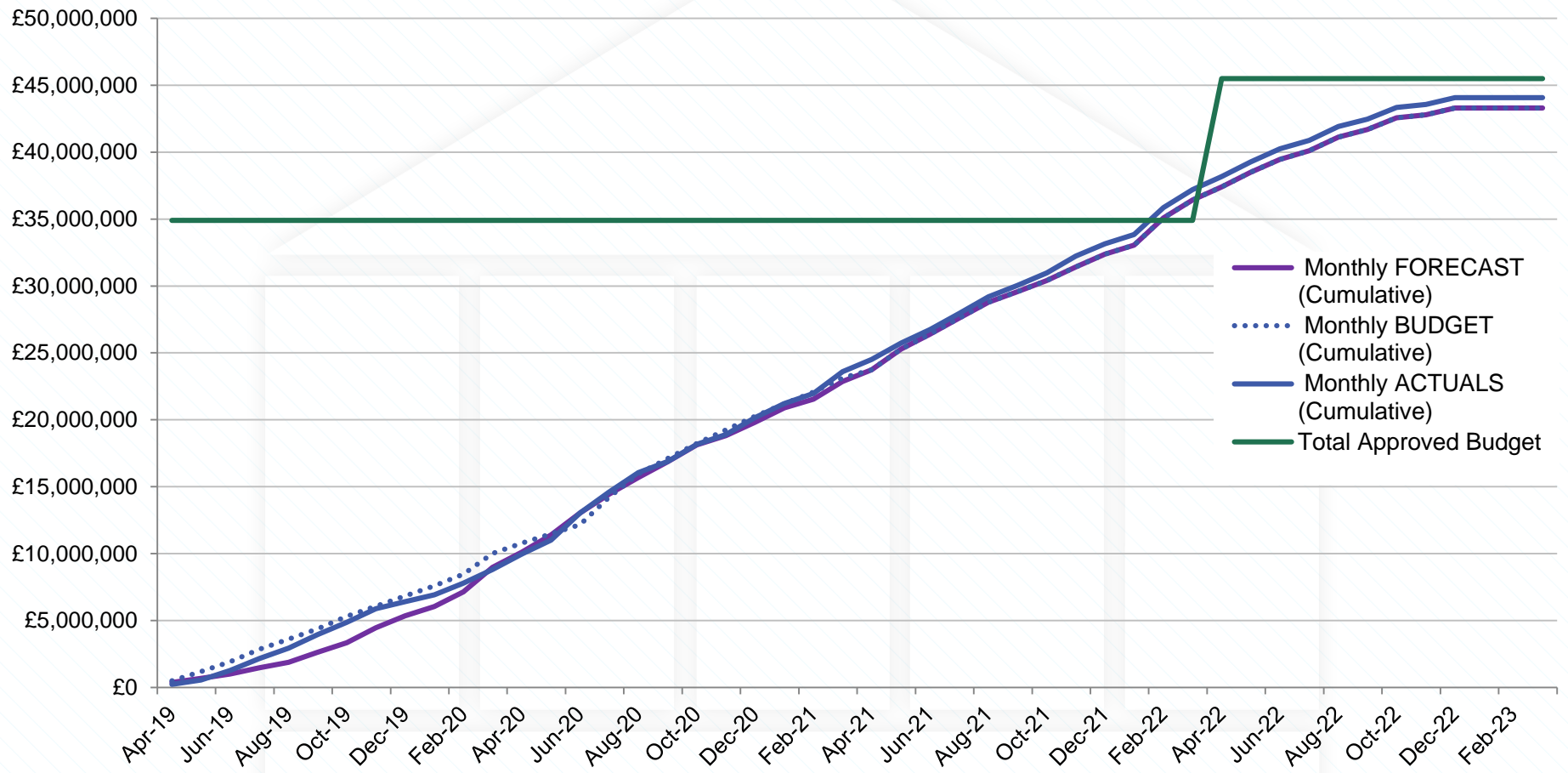# Switching Programme CR Position – CRs not impacting Xoserve (Cost Implication)

CR Name	CR Ref	Date Raised	Status
Additional and Further Correctional Changes to MAD Log v2.0	CR-D052	05/12/2020	Complete - No Xoserve Impact
Additional Onward Dependencies for MAD Log	CR-D053	18/12/2020	Complete - No Xoserve Impact
Changing from GetOrganised to Landmark SFTP for SI receiving files	CR-D054	18/12/2020	Complete - No Xoserve Impact
Amendments to the Data Cleansing Catalogue	CR-D055	18/12/2020	Complete - No Xoserve Impact
MAD Log Changes for UIT Environment Verification	CR-D057	25/01/2021	Complete - No Xoserve Impact
Discontinuance of Xoserve Consequential Change Market Trials	CR-D058	25/01/2021	Complete - No Xoserve Impact
Uplift to SMS CoCo	CR-D063	29/01/2021	Complete - No Xoserve Impact
Changes to SIT Functional Test Scenarios	CR-D064	29/01/2021	Complete - No Xoserve Impact
Uplift to the Code of Connection	CR-D065	29/01/2021	Complete - No Xoserve Impact
In-Flight Reg ID Dissemination	CR-D066		Withdrawn
Uplift to the CSS Business Data Validation Rules Doc	CR-D067	19/03/2021	Complete - No Xoserve Impact
Uplift to the CSS Interface Specification	CR-D068	15/03/2021	Complete - No Xoserve Impact
REL Dissemination to iDNO and DNO	CR-D069	15/03/2021	Complete - No Xoserve Impact
Removal of UEPT Stage 1 Data Allocation and Verification for Tranche 3 and 4 Participants and delivery acceleration of Stage 2 Data Allocation	CR-D070	05/03/2021	Complete - No Xoserve Impact
Re-align Switching Programme Response SLAs with Xoserve response SLAs	CR-D072	07/05/2021	Complete - No Xoserve Impact
Changes to MAD Log v2.2 to rectify incorrect milestone descriptions	CR-D074	29/03/2021	Complete - No Xoserve Impact
Update Service Management Baseline Requirement	CR-D076	20/04/2021	Complete - No Xoserve Impact
Amend the Transition Testing Milestones TR210 & TR220 for PUI Production Data Cuts v0.4	CR-D078	14/05/2021	Complete - No Xoserve Impact
Removal of SMS005 from UEPT Test Scenarios v0.2	CR-D081	14/05/2021	Complete - No Xoserve Impact
Engagement for Early E2E Testing v0.2	CR-D082	14/05/2021	Withdrawn
Change to Transition Stage 3 File-Based Migration Sequencing v0.2	CR-D084	26/05/2021	Complete - No Xoserve Impact
Request for an additional Data Reconciliation Activity at the end of DMT Live Rehearsal Cycle 2 v0.2	CR-D086	01/06/2021	Withdrawn
Update to UIT E2E Plan and Artefacts to incorporate the additional scope identified on the outcome of REL Gap Analysis v0.7	CR-D087	17/06/2021	Complete - No Xoserve Impact
Elevation of L2-TR070 (Transition Stage 1 Start) to a L1 milestone	CR-D088	04/06/2021	Complete - No Xoserve Impact
NC-0107 Master Handover Pack Purpose Change	CR-D089	04/06/2021	Complete - No Xoserve Impact
REC Code Manager Market Intelligence Reporting	CR-D090	11/06/2021	Complete - No Xoserve Impact
Removal of Transition Test Artefacts	CR-D091	24/06/2021	Complete - No Xoserve Impact

Switching Programme CR Position – CRs not impacting Xoserve (Cost Implication)

CR Name	CR Ref	Date Raised	Status
Feasibility study on potential to update Domestic Premises Indicator (DPI) electricity flags to reflect license status during transition stages, 1, 2 & 3	CR-D093	28/06/2021	Complete - No Xoserve Impact
Changes to Operational Testing	CR-D094	28/06/2021	Withdrawn
Changes to milestone date for L3-TE720	CR-D096	29/07/2021	Complete - No Xoserve Impact
Continuation of support for UEPT	CR-D098	03/08/2021	Withdrawn
Further consequential changes to DB4 and related artefacts following CR-D071 v0.2	CR-D100	06/08/2021	Complete - No Xoserve Impact
CSS Stage 1 ECOES Interface Specification Uplift to v2.0	CR-D102	17/08/2021	Complete - No Xoserve Impact
Documentation only updates to NCT-0134 DMT Live Rehearsal Test Plan and NCD-0012 Data Migration Solution Design Catalogue	CR-D103	17/08/2021	Complete - No Xoserve Impact
Elaborations for Service Management Requirements DB4	CR-D104	17/08/2021	Complete - No Xoserve Impact
Update of the Code of Connection Document to reflect the Enduring PKI Process Updates	CR-D106	22/09/2021	Complete - No Xoserve Impact
Addition of assumption on MAD Log in relation to earliest possible Go-Live date	CR-D107	15/09/2021	Complete - No Xoserve Impact
Change to Data Migration and Transition artefacts following the completion of CR-D093	CR-D108	15/09/2021	Complete - No Xoserve Impact
Change to EES requirements to bring REL search and retrieval into closer alignment with GES and assessment of programme	CR-D109	15/09/2021	Complete - No Xoserve Impact
Changes and additions to PIWG and CWG governed MAD Log v2.4 milestones to address timing and clarity issues	CR-D110	22/09/2021	Complete - No Xoserve Impact
Transition Stage 1 – CSS ad-hoc data removal solution development based on Source Data Provider in response to DI-1655 remedial solution]	CR-D111	14/10/2021	Complete - No Xoserve Impact
End to End Test Exit Criteria refinement and clarification of the decision making process	CR-D112	01/10/2021	Complete - No Xoserve Impact
Clarification of Performance NFRs by apportioning the current target between Gas and Electricity and then further apportioning the Electricity targets by MPID	CR-D114	15/11/2021	Complete - No Xoserve Impact
Update to E2E Transition Inflight Switches Management Approach Document	CR-D116	27/10/2021	Complete - No Xoserve Impact
Operational Change Window and Type	CR-D117	25/10/2021	Complete - No Xoserve Impact
Change to effect a Gas Supplier of Last Resort (SoLR)	CR-D118	03/11/2021	Complete - No Xoserve Impact
GES Data Refresh SLA	CR-D119	10/11/2021	Complete - No Xoserve Impact
Updates to NCT-0188 REL Testing Gap Analysis Report	CR-D120	10/11/2021	Complete - No Xoserve Impact
Additional CSS Non-functional Requirements	CR-D121	11/01/2022	Complete - No Xoserve Impact
ServiceNow Data Model Development - DNO/iDNO Adaptors	CR-D122	11/01/2022	Complete - No Xoserve Impact
Addition of Network Operator Market Share to CSS Billing Report	CR-D123	26/11/2021	Complete - No Xoserve Impact

Switching Programme CR Position – CRs not impacting Xoserve (Cost Implication)

CR Name	CR Ref	Date Raised	Status
Uplifting the CSS Interface Specification document to v8.7	CR-D125	26/11/2021	Complete - No Xoserve Impact
Updates to the MAD Log v2.5 following RA110 Proposal	CR-D126	07/12/2021	Complete - No Xoserve Impact
E2E Remove invalid test scenarios	CR-D127	03/12/2021	Complete - No Xoserve Impact
Proposal for the implementation of Failed Supplier Portfolio report within CSS	CR-D128	07/12/2021	Complete - No Xoserve Impact
Clarification of Performance NFRs for Operational Readiness	CR-D130	17/12/2021	Complete - No Xoserve Impact
Updates to the MAD Log V2.5 for Data and Regulatory Milestones	CR-D132	23/12/2021	Complete - No Xoserve Impact