



Dec 21 – Apr 22 Design Bundle

**Change Pack Plan and
Delivery Release Options**

Purpose of ChMC Update

- Confirm the changes that we are proposing to issue in April and May Change Pack for consultation
- Share assessment of Release options for delivery of the changes in the Dec 21 – Apr 22 Design Bundle
- Propose the next steps
- Appendices: Evidence the impact assessment that has been performed on each change as part of Release optioneering

Proposed Change Pack Content for April / May

- Following the completion of our Detailed Design activities we are proposing to issue the following changes for Industry consultation in both the April and May Change Pack Consultation process

April 2022 - issued to customers on 19th April for 10 working day consultation

- XRN4978 - Notification of Rolling AQ Value (following Transfer of Ownership between M-5 and M)
- XRN4990 - Transfer of Sites with Low Read Submission Performance from Class 2 and 3 into Class 4 (MOD0664)
- XRN5298 - H100 Fife Project – Hydrogen Network Trial

May 2022 – issued to customers on 16th May for 10 working day consultation

- XRN4900 - Biomethane/Propane Reduction
- XRN4992B - Modification 0687 Clarification of Supplier of Last Resort (SoLR) Cost Recovery Process
- XRN5091 - Deferral of creation of Class change reads at transfer of ownership
- XRN5186 - MOD0701 - Aligning Capacity booking under the UNC and arrangements set out in relevant NEXAs

Delivery Release Options

Option 1

Nov 22 Release	Pts	Feb23 Release	Pts	Jun23* Release	Pts
XRN4978	8	XRN4900	21	XRN5091	21
XRN4990	8	XRN4992B	13	XRN5186	13
XRN5298	8				
Total Pts	24		34		34

Option 2

Nov 22 Release	Pts	Feb23 Release	Pts	Jun23* Release	Pts
		XRN4900	21	XRN5091	21
		XRN4992B	13	XRN5186	13
		XRN4990	8		
		XRN5298	8		
		XRN4978	8		
Total Pts	0		58		34

Sizing Key

Change Size	Points (Pts)
X Large	21
Large	13
Medium	8
Small	5
Major Release	90

Option 1 Release Option Summary

Pros	<ol style="list-style-type: none"> 1. Smoothens profile of changes being delivered 2. Delivers XRN5298 to the proposed timescales
Cons	<ol style="list-style-type: none"> 1. Reduces cost effectiveness as not fully utilising the Major Release bandwidth

Option 2 Release Option Summary

Pros	<ol style="list-style-type: none"> 1. Reduces Customer and Xoserve effort whilst CSSC is a priority 2. Better utilizes the bandwidth of a Major Release, more cost effective to Customers
Cons	<ol style="list-style-type: none"> 1. Delays the realisation of the objectives for XRN4978, XRN4990 and XRN5298 by approximately 4 months

*May also include additional changes that have not gone through change development as yet

Proposed Next Steps

- Issue the Change Packs as described for consultation in April
- Present the April Change Packs to DSG on Monday 25th April
- Seek approval of Change Packs at May ChMC and June ChMC
- Present BERs for approval to cover off both Release options at ChMC in May



Appendices for Information

Release Recommendation for Changes Part 1

Change	Size of Change	Recommended Design Change Pack Approval	Recommended Release for Delivery	Recommendation Comments
XRN4900	X-Large	May	Feb23	<ol style="list-style-type: none"> 1. In order to meet a Nov22 release timeline, the physical works and associated changes to systems will need to be completed in advance of System Integration Testing (SIT) in July 2022 2. Feb23 release is the earliest release after the above dependency can be met 3. This change is not suitable for a minor release due to its size
XRN4978	Medium	April	See Options (slide 4)	<ol style="list-style-type: none"> 1. This change is not suitable for a Minor Release as extensive Performance Testing involved due to changes in NRL file. Build and Test effort is not sufficient in the Minor Release implementation window. Extended PIS is required to capture First Usage monitoring 2. Nov22 is the earliest major release which can incorporate the delivery of this change and the realisation of Customer benefits. A later release can be utilised but will delay the realisation of those benefits
XRN4990	Medium	April	See Options (slide 4)	<ol style="list-style-type: none"> 1. This is not suited to a Minor Release as extensive Performance Testing involved due to the New batch job introduction to change the Class 2 and Class 3 sites to Class 4. A New channel/enhancement is needed to establish the connectivity with DDP system with UK link. Build and test efforts are not sufficient in the Minor Release implementation window. Extended PIS window needed to capture the First usage monitoring 2. Nov22 is the earliest major release which can incorporate the delivery of this change and meet UNC MOD0664. This is the earliest opportunity the benefits stated in the UNC MOD can be achieved
XRN4992B	Medium / Large	May	Feb23	<ol style="list-style-type: none"> 1. This is not suited to a Minor Release due to the extensive level of Testing required particularly around Capacity invoicing. Extended PIS window is needed to capture the First usage monitoring. 2. In order to include iGTs into solution and the introduction of a New Mod with an April Go Live expected, Feb23 is the first major release where the changes can be incorporated in advance of first usage in the May 2023 invoicing run.

Release Recommendation for Changes Part 2

Change	Size of Change	Recommended Design Change Pack Approval	Recommended Release for Delivery	Recommendation Comments
XRN5091	X- Large	May	Jun23	<ol style="list-style-type: none"> 1. Large complex change which impacts on CSSC code. Therefore this is not recommended for either a Nov22 or Feb23 release 2. Jun23 allows stability following the exit of CSSC from Project Implementation Support (PIS) <p>Update: see slide 9 for more detail on the impacts of a Nov22 or Feb23 release</p>
XRN5186	Large	May	Jun23	<ol style="list-style-type: none"> 1. Large complex change which impacts on CSSC code. Therefore this is not recommended for either a Nov22 or Feb23 release 2. Jun23 allows stability following the exit of CSSC from Project Implementation Support (PIS) <p>Update: see slide 10 for more detail on the impacts of a Nov22 or Feb23 release</p>
XRN5298	Medium	April	See Options (slide 4)	<ol style="list-style-type: none"> 1. This is not suited to a Minor Release due to the Build and Test effort in introducing the Password protection logic in emails in SAP PO utilising JAVA. Extended PIS window needed to capture the First usage monitoring. Security testing likely to be required. 2. MOD0799 adds risk as the change will not be approved in time for delivery and may specify differences to Design

Impact and risk of inclusion of XRN5091 in Nov22 and Feb23 Release

Change	Nov 2022	Feb 2023	Functionality change	CSSC	Code Compl exity	Build	Testing	PT	Rework if Delivered Earlier than June 2023
XRN5091 - Deferral of creation of Class change reads at transfer of ownership	Red	Amber/Red	SPA (all workflows CONF, change shipper and Supplier), Metering (UMR, UBR reads, AQI, Must Reads), RGMA	Common code/functionality with CSSC is: SPA, Reads (UMR, UBR), RGMA	Very High	<p>Potential of rework is high</p> <p>For Nov22 release – Build completes before CSSC Go Live</p> <p>For Feb23 release – Build completes early PIS period.</p>	<p>For Nov22 release – UT, ST/SIT & UAT complete before CSSC go Live</p> <p>For Feb23 release – UT/ST/SIT Testing in CSSC PIS</p>	PT required for XRN 5091 and will clash with CSSC PIS	<p>Yes – High potential for rebuild and retesting as a result of Defect Detection and Change Requests. This poses a risk by requiring multiple rounds of retesting (UAT/Regression) and possible slippage of plans</p> <p>XRN5091 also has extensive UAT and regression phases which may extend/need retesting due to any potential CSSC defects and/or CRs</p>

Impact and risk of inclusion of XRN5186 in Nov22 and Feb23 Release

Change	Nov 2022	Feb 2023	Functionality change	CSSC	Code Complexity	Build	Testing	PT	Rework
XRN5186 MOD0701 - Aligning Capacity booking under the UNC and arrangements set out in relevant NEXAs Detailed Design	Red	Red	A number of key processes are undergoing change : Registration(Nom, Change of Supplier, Shipper change, Ratchets)	Touches large part of CSSC code Change touches Nomination/ BRN	High	Potential of rework is high For Nov22 release – Build completes before CSSC Go Live For Feb23 release – Build completes early PIS period.	For Nov22 release – UT, ST/SIT & UAT complete before CSSC go Live For Feb23 release – UT/ST/SIT Testing in CSSC PIS	PT required and will clash with CSSC PIS	Yes – High potential for rebuild and retesting as a result of Defect Detection and Change Requests. This poses a risk by requiring multiple rounds of retesting (UAT/Regression) and possible slippage of plans Workflow defects in CSSC may need some code changes for 5186