DSC Delivery Sub-Group

25th April 2022

1b. Previous DSG Meeting Minutes and Action Updates

 The DSG Actions Log will be published on the DSG pages of <u>Xoserve.com</u>



2. Changes in Capture



2a. Change Proposal – For Initial Overview of the Change

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- XRN 5495 Changes to Third Party and Additional services
 Document
- XRN 5496 Changes to Service Description Table v23

XRN 5495 Changes to Third Party and Additional services Document

The CDSP Third Party and Additional Service document has been updated to include services provided by REC ahead of Xoserve contracting with REC to become the GES provider

XRN 5496 Changes to Service Description Table v23

A new service line ASGT-CS SA8-42 has been created to support XRN5458 which was raised to implement the solution required to be delivered as set out in the Urgent Modification 0791 - Contingency Gas Procurement Arrangements when a Supplier acts under a Deed of Undertaking

2b. Change Proposal Initial View Representations

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• None for this meeting

2c. Undergoing Solution Options Impact Assessment Review

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• None for this meeting



2d. Solution Options Impact Assessment Review Completed

2d. Solution Options Impact Assessment Review Completed

• None for this meeting

3. Changes in Detailed Design

3a. Requirements Considerations

• None for this meeting

3b. Design Clarification

- 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

XRN4978 - Notification of Rolling AQ Value (following Transfer of Ownership between M-5 and M)

The change Pack can be viewed by following the link found <u>here</u>.

XRN4990 - Transfer of Sites with Low Read Submission Performance from Class 2 and 3 into Class 4 (MOD0664)

The change Pack can be viewed by following the link found here.

XRN5298 - H100 Fife Project – Hydrogen Network Trial

The change Pack can be viewed by following the link found here.

4. Release/Project Updates

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- 4a. November 2021
- 4b. FWACV
- 4c. Dec 21 to Apr 22 Changes in Design ChMC February 2022

4a. November 2021

XRN5289 – November 21 Major Release - Status Update

	Overall Project RAG Status					
	Schedule	Risks and Issues	Cost			
RAG Status						
		Status Justification				
Schedule	 Deferred Changes: Post Implementation Support exit agreed for XRN's 4941, 5007, 5072 & 5180 XRN4780C to remain in Post Implementation Support as per plan Data cleanse for XRN5007 complete, cleanses for XRN's 4941 & 5072 progressing to plan XRN4992a & XRN5188b: Overall project plans approved and baselined Test is in progress against plan XRN45188b: MAP ID data requested from MAPs for interim data load XRN4992a: the inclusion of additional charge types will take affect from May's invoice Both changes are on track to implement on 23'd April during the standard maintenance window impacting SAP ISU only Decision in April ChMC: None 					
Risks and Issues	None					
Cost	Forecast to complete delivery against approved BER					
Scope	In Scope - XRN4941 - MOD0692 - Auto updates to meter read frequency In scope - XRN5007 - Enhancement to reconciliation process where prevailing volume is zero In Scope - XRN5172 - Application and derivation of TTZ indicator and calculation of volume and energy – all classes In Scope - XRN5182 - New allowable values for DCC Service Flag in DXI File from DCC In Scope - XRN5180 - Inner tolerance validation for replacement reads and read insertions In Scope - XRN5180 - Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change) In Scope - XRN5188 - Inclusion 0687 Clarification of Supplier of Last Resort (SoLR) Cost Recovery Process In Scope - XRN5188 - Interim Data Loads of MAP Id into UK Link Descoped - XRN5188 hord of Clarification of Class change reads at transfer of ownership Descoped - XRN5186 MOD0701 – Aligning capacity booking under the UNC and arrangements set out in relevant NEXAs Descoped - XRN5187 MOD0696 – Addressing inequalities between capacity booking under the UNC and arrangements set out in the relevant NEXAs					

4b. FWACV Progress Update

XRN5231 Flow Weighted Average CV

April	2022		Overall P	roject RAG Status		
ChMC Da	ashboard	Schedule	Risks and Issues		Cost	
RAG	Status					
			Statu	us Justification		
Schedule	 was not met. The Gemini conseque Several clari Change Pacl submitted for UAT continue test cases wi Dual Run Ph for having the phase 2 plan Re-plan in pr cost assessed to Gemini consis Business Re Risk of FWA Cutover plan Next Steps: Finalise full r Change pack Continue Cut Outstanding Continue wit 	as is tracking at purple . Project is in re-plan due to the issue that 1 st Ap project has continued with its planned activities alongside the replan for thial changes. Change Pack consultation closed on 28/03; review of reps complete approval at the April ChMC to rebaseline the scope, plan and BER of es to make progress with the assurance of test cases not impacted by st l be completed as part of the replan ase 2 commenced but lack of full DN connectivity to provide daily files a files/data to validate to the existing NG service. Only NG & NGN are 1 required daily files. Issue raised at the Focus Group on 29/03. This is is not giving the confidence planned. ogress to include full impact assessment. Revised supplier costs recei- nent of the additional requirements to support manual processes are dr confirm MTB uplift required. equential changes assessment defined and is part of the re-plan and re adiness and Service Transition work continues as per the plan CV Imp to CSSC assessment completed and confirmed that no risk to is if implemented in June 2022 e-plan from the changes to scope and requirements to define the revise consultation reps to be approved at the April ChMC bover & Transition scenarios with NG and DNs to define scope, plan an DNs to complete End To End connectivity to provide daily files to remon n UAT assurance, DR/MT and Business Change planned activities R from re-plan to be approved at an extraordinary ChMC (to be agreed)	Today Apr '22 May '22 Start Testing Sun 27/03/21 Design ST User Acceptance Testing Dual Run / MT Service & Business Transition Cutover/Transition Cutover/Transition Stervice & Business to finalises Continues to progress to finalises continues to progress key ph Business Change (inc Extern) Stervice & Stervice	RT Data Mig Data Mig	surance, DR/MT,	
Risks and Issues	 There is an issue that NG and DNs do not understand the consequential changes with the removal of the FWACV service from NG and the impact to existing business processes – Update – Action for NG & DNs to review the consequences of the FWACV service moving from NG to Xoserve. This is key to understand any impacts to business/system processes as part of individual organisation Business Readiness plans There is a risk that changes to the approved scope and requirements and subsequent replan may put at risk a Mid June 2022 Go Live of the new Xoserve service – Update – Replan in progress There is an issue with Dual Run/Market Trials phase that only 1 DN is fully connected to provide daily files, this is now causing an issue with transactional date being out of synch due to only 1 DNs providing daily files to compare to NGs service running in production – Update – Continued engagement to work through connectivity is being progressed with impacted DNs and NG to provide support There is a risk that changes to the baselined scope and requirements will increase the costs of the new FWACV service in extending the project and manual process being identified – Update – The impact assessment to define the re-plan and revised business case is in progress to conclude the revised BER for review & approval with customers 					
Cost	Forecast costs tra	Forecast costs tracking to approved BER costs at present. Revised plan options will lead to updated costs which will be agreed in a revised BER for review & approval				
Scope		Veighted Average (CV) – Change to scope and requirements in impace ential change parts A & B - A - PRCMS validation/processing & Part		Embedded LDZ Unique Sites		

4c. Dec 21 to Apr 22 Changes in Design ChMC February 2022

Dec 21 - April 22 Changes in Design – Shipper Status Update

XRN Title	Target Detailed Design Date	Risk & Issues / RAG	Cost RAG	Key Messaging
XRN4978 - Notification of Rolling AQ Value (following Transfer of Ownership between M-5 and M)	As per scope recommendation slide			 Detailed Requirements baselined Detailed Design baselined Change Packs to be ready to be issued to ChMC on 19/04/22
XRN4990 - Transfer of Sites with Low Read Submission Performance from Class 2 and 3 into Class 4 (MOD0664)	As per scope recommendation slide			 Detailed Requirements baselined Detailed Design scheduled to be baselined 08/04/22 Change Packs to be ready to be issued to ChMC on 19/04/22
XRN4992B - Modification 0687 Clarification of Supplier of Last Resort (SoLR) Cost Recovery Process	As per scope recommendation slide	Risk ID 67431: There is a risk that a MOD may be raised to include IGT sites into SoLR charging. This will cause a scope change and as different charge rates will be required for IGT sites; unknown impact to design. Mitigation: Accept risk. Design will be completed prior to a Mod being approved. Decision will be taken at ChMC in May whether this will be taken into delivery for Nov22.		 Detailed Requirements baselined Detailed Design scheduled to be baselined on 08/04/22 Change Packs to be ready to be issued to ChMC on 19/04/22
XRN5091 - Deferral of creation of Class change reads at transfer of ownership	As per scope recommendation slide			 Detailed Requirements baselined Detailed Design scheduled to be baselined on 08/04/22 Change Packs to be ready to be issued to ChMC on 19/04/22
XRN5186 - MOD0701 - Aligning Capacity booking under the UNC and arrangements set out in relevant NEXAs	As per scope recommendation slide			 Detailed Requirements baselined Detailed Design scheduled to be baselined on 08/04/22 Change Packs to be ready to be issued to ChMC on 19/04/22

Dec 21 - April 22 Changes in Design – DN Status Update

XRN Title	Target Detailed Design Date	Risk & Issues / RAG	Cost RAG	Key Messaging
XRN4900 - Biomethane/Propane Reduction	As per scope recommendation slide	Risk ID 67731: There is a risk that the physical works required on Customer site will not be completed in line with a Nov 22 Release Date. Mitigation: Align to a future release post Nov22 release if works cannot be completed on time		 Detailed Requirements baselined Detailed Design scheduled to be baselined on 08/04/22 Change Packs to be ready to be issued to ChMC on 19/04/22
XRN5186 - MOD0701 - Aligning Capacity booking under the UNC and arrangements set out in relevant NEXAs	As per scope recommendation slide			 Detailed Requirements baselined Detailed Design scheduled to be baselined on 08/04/22 Change Packs to be ready to be issued to ChMC on 19/04/22
XRN5298 - H100 Fife Project – Hydrogen Network Trial	As per scope recommendation slide	Risk ID 67645: There is a risk that the detailed design change pack will not be approved if MOD0799 is still outstanding Mitigation: Accept risk. Complete Design. Decision will be taken at ChMC in May whether this will be taken into delivery for Nov22. Risk ID 67482: There is a risk that the CV range will not be updated for hydrogen because a change is required to Gemini leading to the CV for hydrogen being rejected Mitigation: Monitor change request to be raised by SGN and align to implementation release for this change.		 Detailed Requirements baselined Detailed Design scheduled to be baselined on 08/04/22 Change Packs to be ready to be issued to ChMC on 19/04/22

4.d 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

Pros1. Smoothens profile of changes being delivered2. Delivers XRN5298 to the proposed timescales	Option 1	Release Option Summary
	Pros	1 0 0
Cons 1. Reduces cost effectiveness as not fully utilising the Major Release bandwidth	Cons	, , , , , , , , , , , , , , , , , , , ,

Option 2 Pts Nov 22 Pts Feb23 Pts Jun23* Release Release Release XRN4900 21 XRN5091 21 13 XRN5186 XRN4992B 13 XRN4990 8 XRN5298 8 XRN4978 8 **Total Pts** 58 34 0

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

Option 2	Release Option Summary
Pros	 Reduces Customer and Xoserve effort whilst CSSC is a priority Better utilizes the bandwidth of a Major Release, more cost effective to Customers
Cons	 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	 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 Feb23 release is the earliest release after the above dependency can be met This change is not suitable for a minor release due to its size
XRN4978	Medium	April	See Options (slide 4)	 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 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)	 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 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	 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. 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	 Large complex change which impacts on CSSC code. Therefore this is not recommended for either a Nov22 or Feb23 release Jun23 allows stability following the exit of CSSC from Project Implementation Support (PIS) Update: see slide 9 for more detail on the impacts of a Nov22 or Feb23 release
XRN5186	Large	May	Jun23	 Large complex change which impacts on CSSC code. Therefore this is not recommended for either a Nov22 or Feb23 release Jun23 allows stability following the exit of CSSC from Project Implementation Support (PIS) Update: see slide 10 for more detail on the impacts of a Nov22 or Feb23 release
XRN5298	Medium	April	See Options (slide 4)	 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. 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	РТ	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/functio nality with CSSC is: SPA, Reads (UMR, UBR), RGMA	Very 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 comp lete before CSSC go Live For Feb23 release – UT/ST/SIT Testing in CSSC PIS	PT required for XRN 5091 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 XRN5091 also has extensive UAT and regression phases which may extend/need retesting due to any potential CSSC defects and/or CRs

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

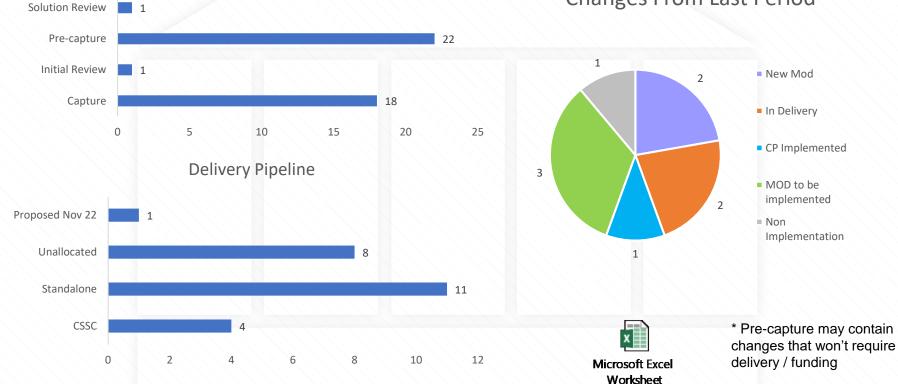
Change	Nov 2022	Feb 2023	Functionality change	cssc	Code Compl exity	Build	Testing	PT	Rework
XRN5186 MOD0701 - Aligning Capacity booking under the UNC and arrangement s set out in relevant NEXAs Detailed Design	Red	Red	A number of key processes are undergoing change : Registration(Nom, Change of Supplier, 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 comp lete 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



5. Change Pipeline

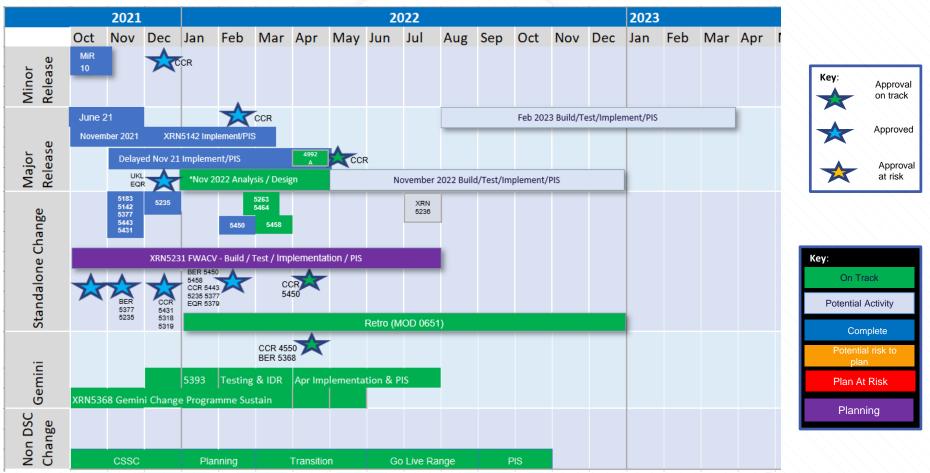
Change Development & Delivery Pipeline (DSC Change / Minor Release Budget)

Change Development



Changes From Last Period

2021-2022 DSC Change / MiR Pipeline





6. AOB

X Serve

Annex – For Information

X Serve

7. DSC Change Management Committee Update

ChMC 13.04.22 Meeting

Change Management Committee Update – 13th of April 2022 ChMC Meeting



Microsoft Edge PDF Document



8. DSG Defect Summary

Defect Summary Stats Stats as per RTC extract taken on Thu 07th April 2022 at 14:30pm

Defect Landscape (Open/Closed vrs PGL/New)

	D1	D2	D3	Defects D4	D5	TOTAL	D1	D2	Newly D3	Discovered I D4	Defects D5	Not Set	TOTAL	GRAND RELEASE TOTALS
Urgent Fix (D1/D2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
r7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On Hold	0	0	0	0	0	0	0	0	0	7	0	0	7	7
Requires CR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Release Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Future Release Dependent	0	0	0	0	0	0	0	0	0	0	0	0	о	0
Currently Unallocated	0	0	0	0	0	0	0	0	3	47	2	0	52	52
TOTAL OPEN	0	0	0	0	0	0	0	0	3	54	2	0	59	59
Resolved	0	7	34	81	16	138	9	227	599	654	26	15	1530	1668
Fix Deployed - Pending Data Correction	0	0	0	0	0	0	0	0	0	2	0	0	2	2
TOTAL CLOSED	0	7	34	81	16	138	9	227	599	656	26	15	1532	1670
GRAND TOTAL	0	7	34	81	16	138	9	227	602	710	28	15	1591	1729

No defects has been deployed during 1th March till 31th March

- We have not deployed the defects in March-2022 ED1 and EQ2 systems were down due to M2C migration and hence we could not collate TR(Transport Request) for corresponding defects required for deployment.
- Additionally, we needed approval from CSSC team to avoid object dependency before deployment to production. This was also delayed due to M2C migration.

Amendment Invoice Impacting Defects - Open

Open Amendment Invoice Impacting Defects									
Defect ID	Status	S Primary Business Description							
66624	DRS completed	READS - Reconciliation Process	(Priority Medium) When Shipper transfer is performed for a Prime site on D date and read is submitted by the outgoing shipper on D-1 day, the read is incorrectly loaded as an ACTIVE read						
66623	DRS completed	READS - Read upload (NDM)	(Priority Medium)In Class 4 Prime-sub sites, When Shipper transfer is performed for sub site on D date followed by loading an actual read through read submission(RD1) file ,within transfer window(D to D+5), the transfer read estimation is not getting triggered						
66584	UAT Execution	READS - Reconciliation Process	(Priority Medium) MR15 exceptions are created incorrectly when class change estimated reads (loaded during class change from 3 to 4) are replaced, while the next read is already present in class 4 period						
66429	UAT Assurance	READS - Reconciliation Process	(Priority Medium) SAP- For class 4 sites two variances are getting generated on the end of the month after rec						

Amendment Invoice Impacting Defects - Open

66428	UAT Assurance	READS - Reconciliation Process	(Priority High) Incorrect previous volume populated in UBR table when Replacement read is loaded on D+10 (Shipper transfer date) where Class change occurs from 4 to 3 on D date
		RGMA - READS - Read	(Priority High) When a Site Visit read is inserted between 2 actual reads in DM
67319	Assigned	upload (DM)	sites, the Site Visit read insert is not populating next read date in SFN table
64731	UAT Execution	RGMA - Asset Updates	(High Priority) SAP - RGMA: Transfer reads created incorrectly as non-opening read instead of opening & closing read. Rec and billing impact for Class 4 sites.
63690	Fix In Progress	READS - Read upload (DM)	(Medium priority) - Issue with the Class change re-estimation; whenever the previous Class is either Class 3 or 4, and the Read is received in the Class 2 period, the Class change estimated Read on the Class 2 start date does not get updated
03030	110g1033		upuated
67274	Assigned	READS - Consumption adjustment	(Priority Low) In class 4 site CA is not getting applied from CMS end for one day and In class 2 site CA is not getting applied where adjustment end date is Shipper end date.

X Serve

9. Portfolio Delivery

9a. Portfolio Delivery Overview POAP

• The POAP is available here.