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# **DSC Change Proposal**

Change Reference Number: XRN 4687

Customers to fill out all of the information in this colour Xoserve to fill out all of the information in this colour

Change Title	PSR updates for large domestic sites		
Date Raised	01/06/2018		
Sponsor Organisation	E.ON		
Sponsor Name	Kirsty Dudley		
Sponsor Contact Details	Kirsty.Dudley@eonenergy.com		
Xoserve Contact Name	Ellie Rogers		
Xoserve Contact Details	Ellie.rogers@xoserve.com		
Change Status	Proposal / With DSG / Out for Consultation / Voting / Approved or		
	Rejected		
Section A1: Impacted Parties			
Customer Class(es)	⊠ Shipper		
	National Grid Transmission		
	☑ Distribution Network Operator		
	iGT		
Section A2: Proposer Requirements / Final (redlined) Change			
Suppliers and Transporters have lice This is maintained through a Priority Shipper) submitting this information t	nce obligations to record and share domestic customer vulnerability. Service Register (PSR). This is fulfilled through the Supplier (via the o the CDSP to be recorded and issued to the relevant GT. This the electricity DNO who holds the overall central PSR registry.		
domestic customers have an AQ<73	een based on AQ rather than property classification as majority of ,200. There are however customers' who have an AQ >73,200. The Meter Points with an AQ >73.200kWh are rejected and not recorded		

centrally.

The rejection of this information means the Supplier has the customer vulnerability recorded, however, the Transporter nor the electricity DNO do, which also the central register does not contain all vulnerability information.

The issue has also been raised at the SPAA Expert Group via <u>Issues Paper 11</u> and a request for information has been issued to understand the impacts. To ensure that customers with an >73,200AQ are also included in the PSR which the GTs and DNOs hold a UK Link solution is required – however, at this stage the true impact is unknown because the rejection volume doesn't account for Shippers who don't send updates knowing they'll be rejected,

In anticipation of the outcome and from an initial consideration, the following options have been proposed:

#### 1. Do nothing

Pros: No change required Cons: PSR updates would continue to be rejected and vulnerability for these sites would not be recorded centrally.

2. Change the validation from AQ to Market Sector Code (D / I) (vulnerable information accepted based on the MSC not AQ) Pros: Validation still in place and updates can only be provided for Domestic sites as per the licence condition Cons: Dependent on the accuracy of the MSC, if recorded incorrectly, sites that are genuinely domestic maybe rejected Change in validation required

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3.	Change the validation three Pros: Although separate pro Priority Consumer threshold Cons: Change in validation	cesses, this will b	00 kWh to 732,000 kWh bridge the gap between the Priority Service and	
4.	<b>Remove the validation</b> (vulnerable information ad Pros: All vulnerable informa Cons: Removal of validation against non-domestic sites	tion will be record		
5.	5. Offline solution Pros: Vulnerable information submitted Cons: Potentially only an interim solution and not as 'clean'			
6.	(this will also require a ch 3) or remove the validation	ange to the CNC n (option 4). n can be submitte	ormation to be sent at confirmation of a LSP validation to either increase the threshold (option d on confirmation of a LSP and will be recorded d to be a major release	
	sed Release	Feb or June 20	)19	
	sed Consultation Period	10WD		
	n A3: Benefits and Justifica	ition		
Benefit Description What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change? Benefit Realisation		fits of	This change will allow customer vulnerability submitted by the Suppliers via their Shipper to be recorded centrally and relayed to the relevant Distribution Network and ensuring customer safeguarding and SLC adherence As soon as the validation is changed.	
When are the benefits of the change likely to be realised? Benefit Dependencies Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other		t would be s could be	SPAA Change 16/370A – Refining the Needs Codes Information is in scope of Release 2 due for implementation in June-18. This change in validation will support this CP.	
	hat the projects has not got d			
	n A4: Delivery Sub-Group (		ndations	
Amend	nembers recommend the appl the CNF hierarchy to allow F C hierarchy to remove the va	SR information to	be sent at confirmation of a LSP and a change to	
DSG R	ecommendation	Approve		
DSG R	ecommended Release	June 2019		
Sectio	n A5: DSC Consultation			
Issued		Yes		
	) Issued	17/09/18		
	s Ref(s)	2076.1 – RJ - E		
	er of Responses	5 (3 approve, 2	reject)	
	n A6: Funding			
Fundir	ng Classes	Distribution Net	work Operator and IGTs 0% work Operator 0%	
		iGT	0%	

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Service Line(s)	Service Area 1: Manage Supply F	Point Registration	
ROM or funding details	N/A		
Funding Comments	Originally, this was under service area 16: Provision of supply point information services and other services required to be provided under condition of the GT Licence. Upon reasonable challenge, we have now have now amended the listed service area 1.		
Section A7: DSC Voting Outcome			
Solution Voting	<ul> <li>Shipper</li> <li>National Grid Transmission</li> <li>Distribution Network Operator</li> <li>iGT</li> </ul>	Approve NA Approve Approve	
Meeting Date	10/10/2018		
Release Date	June 2019		
Overall Outcome	Shipper representatives approved solution option 6 with elements of solution option 4. The funding class was and the intention to include this change within the June 2019 release was approved.		

#### Please send the completed forms to: mailto:box.xoserve.portfoliooffice@xoserve.com

#### **Document Version History**

Version	Status	Date	Author(s)	Summary of Changes
2.0	Draft	10/08/18	Xoserve	Minutes from DSG meeting on 6 <sup>th</sup> August added to Section C.
3.0	Issued in an extraordinary Change Pack	17/09/18	Xoserve	Issued in an extraordinary change pack on solution optons following DSG meeting on 17/09/18.
4.0	Reps	19/09/18	Xoserve	Reps added
5.0	Rep Matrix created	02/10/18	Xoserve	Rep Matrix created and sent to the industry
6.0	Section A6 (Funding) Updated	05/10/18	Xoserve	Service Area Changed from 16 to 1.
7.0	Section F Added	12/10/18	Xoserve	Section F following approval of the solution option at ChMC on 10th October 2018
8.0	Section G added	30/11/18	Xoserve	Section G added following the distribution of the design change pack on 27th November.
9.0	Section H added	14/12/18	Xoserve	Reps to the design change pack added

#### **Template Version History**

Version	Status	Date	Author(s)	Summary of Changes
2.0	Approved	01/05/18	Emma Smith	Layout and cosmetic changes made following internal review

## Section C: DSC Change Proposal: DSG Discussion

(To be removed if no DSG Discussion is required; Xoserve to collate where DSG discussions occur)

Section C1: Delivery Sub-Grou	Section C1: Delivery Sub-Group (DSG) Recommendations		
DSG Date	17/09/2018		
DSG members recommend the approval of Option 6 - Amend the CNF hierarchy to allow PSR information to be sent at confirmation of a LSP and a change to the CNC hierarchy to remove the validation (Option 4). This recommendation was put forward at the DSG meeting on 17 <sup>th</sup> September.			
Capture Document / Requirements	N/A		
DSG Recommendation	Recommended solution option		
DSG Recommended Release	June 2019		



## Section D: DSC Change Proposal High Level Solution Options

#### Section D1: Solution Options High Level summary options

The High Level Solution Option Impact Assessments (HLSOIA) have been provided for Options 3, 4 and 6 and are detailed within the attached presentation for the industry to review.



Level System Solution

Implementation date for this solution option	June 2019 Release
Xoserve preferred option; including rationale	Xoserve are comfortable with the DSG preferred solution option (6) as this is a long-term solution which also encompasses the changes to the CNC validation.
DSG preferred solution option; including rationale	DSG preferred solution Option 6 - Amend the CNF hierarchy to allow PSR information to be sent at confirmation of a LSP and a change to the CNC hierarchy to remove the validation (Option 4). The rationale was the preference for all elements of the change to be implemented at once therefore the CNF hierarchy change plus the amendement to the CNC validation. This was deemed the most logical and effective way of implementing the change rather than splitting it between a minor change to the validation followed by a major change to the CNF.
Consultation close out date	1st October 2018



# Section E: DSC Change Proposal: Industry Response Solution Options Review

User Name	Cher Harris
User Contact Details	Cher.Harris@SSE.com
Section E1: Organisati	on's preferred solution option, including rationale taking into account costs,
risks, resource etc.	

#### **OPTION 2.**

This option best fits the Licence obligation to provide PSR information for domestic properties only. The cons state that PSR updates may be rejected if the Market Sector Code (MSC) is incorrectly set to 'l', however, we see that as a positive in so far as it would act as a prompt to the Shipper/Supplier to correct the MSC, which is an important data item that drives several other processes, including RPC billing. We feel that industry should be grabbing every opportunity to improve data quality, rather than switching off validation as a way of skirting around data inaccuracies.

Furthermore, we already see widespread misuse of the PSR process, whereby Shippers send high volumes of name changes where there is no PSR condition (i.e. the update is triggered on every change of occupier), or they send codition code '99 – Check PSR info' with no explanation, rendering the update meaningless. By removing MSC/AQ validation and opening up the file to non-domestic sites, this problem will be exacerbated and make it difficult for the Transporter to handle the volumes of files and to identify the genuine PSR updates.

Implementation date for this option	Approve
Xoserve preferred solution option	Reject
DSG preferred solution option	Reject
Publication of consultation response	Publish
Section E1: Xoserve's Response to Organisations Comments	Thank you for your comments. To provide some context, all 6 options were discussed within the DSG meetings whereby members believed that only options 3, 4 and 6 should be impact assessed.
	Option 2 was discussed, however DSG members did not believe that utilising the MSC validation was suitable at this stage as there were concerns that this could still cause the rejection of genuinely vulnerable sites.
	DSG recommended the approval of Option 6 as this sees the full solution implemented in a single release and reduces the risk of valid domestic sites receiving rejections.
	Your comments and option preference will be published and considered by the ChMC ahead of the meeting in October. The ultimate decision will be down to the Change Managers on 10 <sup>th</sup> October 2018.

User Name	Eleanor Laurence	
User Contact Details	Eleanor.laurence@ec	fenergy.com / 07875 117771
Section E2: Organisati	on's preferred solution	on option, including rationale taking into account costs,
risks, resource etc.		
Preferred Option 6 (inco	rporating option 4)	
		s close to 3 months apart for the same topic.
		ee full solution implemented in a single release.
		solution which reduces complexity of the process, reduces
		jections. Having validation in this process seems
		sites receiving rejections 'incorrectly'
annoccoury and may re		side receiving rejections incorrectly
here have a station of the factor		
Implementation date for		Approve
Xoserve preferred solu		Approve
DSG preferred solution		Approve
Publication of consultation response         Publish		Publish
Section E2: Xoserve' s	Response to	
Organisations Comme	nts	Thank you for your comments.
-		
		Your comments and option preference will be published
		and considered by the ChMC ahead of the meeting in
		October. The ultimate decision will be down to the Change
		Managers on 10 <sup>th</sup> October 2018.
		<b>v</b>

User Name	Npower		
User Contact Details	Gas.codes@npower.com		
		on option, including rationale taking into account costs,	
risks, resource etc.			
We support Option 6			
Implementation date for	or this option	Approve	
Xoserve preferred solu	Xoserve preferred solution option Approve		
DSG preferred solution	DSG preferred solution option Approve		
Publication of consult	ation of consultation response Publish		
Section E3: Xoserve' s	Response to		
Organisations Comme	nts	Thank you for your comments.	
		Your comments and option preference will be published and considered by the ChMC ahead of the meeting in October. The ultimate decision will be down to the Change Managers on 10 <sup>th</sup> October 2018.	



User Name	Wales & West Utiltitie	
User Contact Details	Richard Pomroy – Co	
	on's preferred solution	on option, including rationale taking into account costs,
risks, resource etc.		
We oppose the propose		
		firmation file hierarchy to allow Priority Service Register
		e supply point as recommended with either
		n 73,200 kWh to 732,000 kWhor Option 4 - remove the
		ardless of the Market Sector Code or AQ)
		for large non-domestic sites being sent and the PSR and its
needs categories are no		
		lidation of sending information if the AQ is less than or equa
		information on non-domestic sites (there being more non-
		domestic sites with AQ > 73,200kWh) – an issue we can
address with our preferr		
		ation. On this basis our preferred solution would be
		chy to allow Priority Service Register information to be sent
at confirmation of a large		arliet Sector Code (Demostic / Industrial Commercial)
		arket Sector Code (Domestic / Industrial Commercial) Market Sector Code not AQ) in June 2019
		o amend the confirmation file hierarchy to allow Priority
		irmation of a large supply point with
		formation accepted regardless of the MSC or AQ)
		tion from AQ to Market Sector Code (Domestic / Industrial
		based on the MSC not AQ) to follow later but all in one
change	and accepted	
Implementation date for	r this option	Approve
Xoserve preferred solu	tion option	Reject
DSG preferred solution	option	Reject
Publication of consulta		Publish
Section E4: Xoserve' s		
<b>Organisations</b> Comme	nts	Thank you for your comments. To provide some context, a
		Continue was discussed within the DCO sections
		6 options were discussed within the DSG meetings
		whereby members believed that only options 3, 4 and 6
		whereby members believed that only options 3, 4 and 6

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Option 2 was discussed, however DSG members did not believe that utilising the MSC validation was suitable at this stage as there were concerns that this could still cause the rejection of genuinely vulnerable sites. This is not to say that the MSC may not be considered as the validation mechanism at a future date.

DSG recommended the approval of Option 6 as this sees the full solution implemented in a single release and reduces the risk of valid domestic sites receiving rejections.

Your comments and option preference will be published and considered by the ChMC ahead of the meeting in October. The ultimate decision will be down to the Change Managers on 10<sup>th</sup> October 2018.

User Name	SSE Energy Supply		
User Contact Details	Mark Jones		
Section E5: Organisati	on's preferred solutic	on option, including rationale taking into account costs,	
risks, resource etc.			
SSE agrees with the solution recommended by the DSG (Option 6).			
Implementation date for this option Approve			
Xoserve preferred solu			
DSG preferred solution		Approve	
Publication of consulta		Publish	
Section E5: Xoserve's Organisations Comme	Response to	Thank you for your comments. Your comments and option preference will be published and considered by the ChMC ahead of the meeting in October. The ultimate decision will be down to the Change Managers on 10 <sup>th</sup> October 2018.	

# Section F: DSC Change Proposal: Approved Solution Option

#### Section F1: Solution Option for XRN4687

Shipper representatives approved solution option 6 with elements of solution option 4. The funding class was and the intention to include this change within the June 2019 release was approved.

DSG preferred solution Option 6 - Amend the CNF hierarchy to allow PSR information to be sent at confirmation of a LSP and a change to the CNC hierarchy to remove the validation (Option 4).

Implementation date	June 2019 Release
Approved by	Change Management Committee
Date of approval	10/10/2018

# Section G Change Management Committee (ChMC) Change Pack Summary

### **Communication Detail**

Comm Reference:	2160.1 – SH – ES
Comm Title:	PSR Updates for Large Domestic Sites (Revised)
Comm Date:	27 <sup>th</sup> November 2018

### **Change Representation**

Action Required:	For representation
Close Out Date:	11 <sup>th</sup> December 2018

### **Change Detail**

Xoserve Reference Number:	XRN4687
Change Class:	File Format Changes
ChMC Constituency Impacted:	All Shipper Users
Change Owner:	Ellie Rogers Ellie.Rogers@xoserve.com 0121 623 2611
Background and Context:	Suppliers and Transporters have licence obligations to record and share domestic customer vulnerability. This is maintained through a Priority Service Register (PSR). This is fulfilled through the Supplier (via the Shipper) submitting this information to the CDSP to be recorded and issued to the relevant Transporter. Within central systems customer priority service validation is currently based on AQ rather than property classification as majority of domestic consumers have an AQ<=73,200kWh. There are however domestic consumers who have an AQ >73,200kWh. The current validation dictates that Supply Meter Points (SMP) with an AQ >73,200kWh will have any customer priority service code updates rejected and subsequently not recorded centrally. This change will amend the current validation for Shippers to submit customer priority service information and allow this to be provided at confirmation of a large supply point (LSP) and via the Customer Amendments file (CNC).

Functional:	Supply Point Administration
Non-Functional:	No impact
Application:	SAP ISU, SAP BW, AMT Market Flow
User:	Shipper
Documentation:	File Format – see below
Other:	NA

#### Change Impact Assessment Dashboard (UK Link)

		Files		
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
CNF	N/A	S83, S84, S66	N/A	Hierarchy
CFR	N/A	S83, S84, S72, S66	N/A	Hierarchy
TRF	N/A	S66	N/A	Hierarchy

### **Change Design Description**

This change involves two elements in order to allow Shippers to submit and have customer priority service codes recorded on central systems.

The first element relates to the proposed amendment to the CNF hierarchy, the associated response file, the CFR and transfer of ownership file TRF

- Amendment to the CNF Confirmation Request hierarchy to allow PSR information to be sent at confirmation of a LSP.
- The proposed change involves the S83 End Consumer Details and the S84 Priority Services records being added to the S38 – LSP Confirmation and S66 Contact Details records as a level 3.
   By making this hierarchy change, it allows Shippers to submit priority service information

at confirmation of a LSP, mirroring the process which already exists for Small Supply Point (SSP) confirmations via the S42 – SSP Confirmation.

The occurrence and the optionality for the S83 and S84 records will mirror their current format under the S42 (SSP Confirmation) structure when added to the S38 (LSP Confirmation) structure. To confirm it will be optional for Shippers to submit priority customer information when confirming an LSP. The number of occurrences for the S66 is being increased to 6 to allow up to 5 Emergency (EMR) contacts and a Consumer (CON) contact for submitting the S83 and S84 records. The optionality of the S67 record will be amended to optional. This change in optionality will not change the existing rule which mandates the S67 record when providing the Contact type of EMR.

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Please see attached the updated CNF hierarchy for review and approval:



- Amendment to the CFR Confirmation Response hierarchy to reflect the changes made to the CNF hierarchy which allows Shippers to submit the PSR information at confirmation of an LSP.
- The proposed change adds S83 End Consumer Details and the S84 Priority Services records to the S09 Reject Confirmation and S66 Contact Details records as a level 3. The S72 Rejection Detail records have been added to both records as a level 4.
- The occurrence and optionality for the S83, S84 and S72 records reflects the ability to provide this information.
- The number of occurrences for the S66 record is also being increased to 6 to allow up to 5 Emergency (EMR) contacts and a Consumer (CON) contact to be provided in the Confirmation Response records S07, S09, S16 & S10.

Please see attached the updated CFR hierarchy for review and approval:



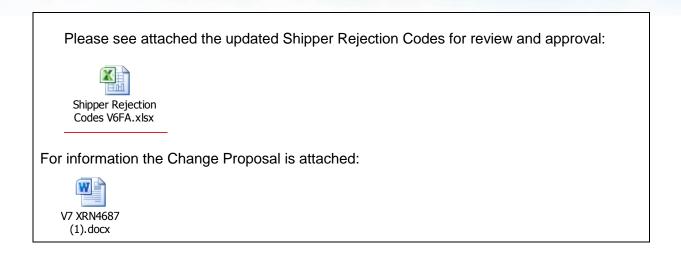
 Amendment to the TRF – Supply Meter Point Ownership Notification hierarchy to reflect the changes needed to increase the number of occurrences to 6 for the S66 record to allow up to 5 Emergency (EMR) contacts and a Consumer (CON) contact to be provided in the Transfer of Ownership record (S15).

Please see attached the updated TRF hierarchy for review and approval:



The second element relates to the proposed amendment of the CNC validation and the associated change required to the Shipper Rejection Codes.

- The current validation for the CNC hierarchy is based on AQ <= 73,200kWh. If the AQ is > 73,200kWh then the file will be rejected. This change will remove the AQ validation from the CNC Customer Amendments hierarchy to allow Shippers to submit files for sites with an AQ >73,200kWh. Please note this is a validation change only and there is no proposed change to the structure of the CNC hierarchy.
- There will be an amendment to the Shipper Rejection Codes to remove a specific rejection code which is no longer relevant due to the proposed validation change to the CNC hierarchy.
   Rejection Code "CNF00030 End Consumer / Priority Services not required for a Competitive Confirmation" has been proposed for removal from the list as it is no longer applicable due the removal of the AQ validation.



### **Associated Changes**

|--|--|

### DSG

Target DSG discussion date:	N/A – XRN4687 has previously been to DSG for development.
Any further information:	N/A

#### Implementation

Target Release:	28 <sup>th</sup> June 2019
Status:	For approval

Please see the following page for representation comments template; responses to <u>uklink@xoserve.com</u>



# Section H: DSC Change Proposal: Representation response

# Change Representation (to be completed by User and returned for response)

User Name:	Eleanor Laurence
User Contact:	Eleanor.laurence@edfenergy.com 07875 117771
Representation Status:	N/A
Representation Publication:	Publish
Representation:	We approve the proposed solution and implementation date
Target Release Date:	June 2019
Xoserve Response	Thank you for your comments.



# **Appendix 1**

#### **Change Prioritisation Variables**

Xoserve uses the following variables set for each and every change within the Xoserve Change Register, to derive the indicative benefit prioritisation score, which will be used in conjunction with the perceived delivery effort to aid conversations at the DSC ChMC and DSC Delivery Sub Groups to prioritise changes into all future minor and major releases.

Change Driver Type	CMA Order MOD / Ofgem	
	EU Legislation     License Condition	
	□ BEIS	
	$\Box$ SPAA Change Proposal $\Box$ Additional or 3 <sup>rd</sup> Party Service Request	
	Other (please provide details below)	
Please select the customer	Shipper Impact	
group(s) who would be impacted	⊠Xoserve Impact □National Grid Transmission Impact	
if the change is not delivered		
Associated Change reference		
Number(s) Associated MOD Number(s)		
Perceived delivery effort	□ 0 - 30 □ 30 - 60	
reiceived delivery enon		
	⊠ 60 – 100 □ 100+ days	
Does the project involve the	$\boxtimes$ Yes (If yes please answer the next question)	
processing of personal data?	🗆 No	
'Any information relating to an identifiable person who can be directly or indirectly		
identified in particular by reference to an		
identifier' – includes MPRNS.		
A Data Protection Impact	$\Box$ New technology $\boxtimes$ Vulnerable customer data $\Box$ Theft of Gas	
Assessment (DPIA) will be	□ Mass data □ Xoserve employee data	
required if the delivery of the	Fundamental changes to Xoserve business	
change involves the processing of	□ Other (please provide details below)	
personal data in any of the		
following scenarios:	(If any of the above boxes have been selected then please contact The Data Protection	
	Officer (Sally Hall) to complete the DPIA.	
Change Beneficiary	□ Multiple Market Participants	
How many market participant or segments stand to benefit from the introduction of the	□ All industry UK Gas Market participants □ Xoserve Only	
change?	□ One Market Group □ One Market Participant	
Primary Impacted DSC Service	Service Area 1: Manage Supply Point Registrations	
Area		
Number of Service Areas	□ All □ Five to Twenty	
Impacted	□ One	
Change Improvement Scale?	□ High   ⊠ Medium   □ Low	
How much work would be reduced for the		
customer if the change is implemented?		
Are any of the following at risk if the change is not delivered?		
	□Customer(s) incurring financial loss □ Customer Switching at risk	
Are any of the following required if the change is delivered?		
$\Box$ Customer System Changes Required $\boxtimes$ Customer Testing Likely Required $\Box$ Customer Training Required		
Known Impact to Systems / Processes		

Primary Application impacted	□BW	🛛 ISU			
	🗆 AMT	🗆 EFT			
	🗆 Gemini	□ Birst	Other	(please prov	ide details below)
				(picace pici	
Business Process Impact					
Business Frocess impact			⊠SPA ⊡ Dertel		~
				□Invoicir	ig
Are there any known impacts to	<ul> <li>□ Other (please provide details below)</li> <li>☑ Yes (please provide details below)</li> </ul>				
external services and/or systems	□ Tes (please provide details below)				
as a result of delivery of this					
change?	🗆 No				
Please select customer group(s)	🛛 Shipper impa	ct	🛛 Network i	mpact	⊠ iGT impact
who would be impacted if the	⊠ Xoserve impact □ National Grid Transmission Impact				•
change is not delivered.	Norkaround currently in operation?				
Is there a Workaround in					
operation?	$\square$ No				
If yes who is accountable for the					
workaround?	External Customer				
	□ Both Xoserve and External Customer				
What is the Frequency of the					
workaround?					
What is the lifespan for the workaround?					
What is the number of resource					
effort hours required to service workaround?					
What is the Complexity of the	Low (easy, rep	etitive, auick t	ask. verv little risk	of human erro	or)
workaround?	□ Low (easy, repetitive, quick task, very little risk of human error) □ Medium (moderate difficult, requires some form of offline calculation, possible risk of				
	human error in determining outcome)				
	□ <b>High</b> (complicate task, time consuming, requires specialist resources, high risk of human error in determining outcome)				
Change Prioritisation Score	35%	rmining outcor	ne)		
onange i nonusation ocore	00/0				

