UIG Task Force Recommendations

Investigation Item 3.1 AQ Calculation errors - Reads Rejected because Uncorrected Read Value is lower than previous Uncorrected Read

Version 2, 21/01/19

Background

What is the finding?

- We have identified an issue where UK Link rejects reads when the new uncorrected read is lower than the previously loaded uncorrected read
- The TTZ count in the read submission file applies to the corrected read as this is the read used for billing
- There is therefore no way to identify when the uncorrected read has gone through the zeroes and so the read will be rejected when the uncorrected register rolls over
- This issue impacts around 1,000 MPRNs and has resulted in 15,000 rejections

How does it contribute to UIG?

- Where a read is rejected for this reason only, it would prevent the actual corrected read from loading in to the system
- If reads do not load then the AQ will not recalculate
- If the actual consumption is significantly different to the AQ, the site will not be allocated appropriately and will contribute to UIG
- This will also stop any reconciliation for the meter point so any historic UIG will not be accounted for

Options to address the finding (1 of 2)

No.	Option	Likelihood of success	Implementation lead times
1.	No action (“Do Nothing” option) or Park	Very low	N/A
2.	Engagement with Shippers – highlight the individual sites, provide support, and shippers to raise tickets so CDSP can manually enter reads by exception	Low to medium – requires Shipper to work around UK Link validation issue	Short
3.	Users can increment the uncorrected read so it is higher than the read currently held on UK Link without going through the Zeros. The uncorrected read is not used for billing or AQ calculation so these process will not be impacted. There could be an impact on asset exchanges as the uncorrected read recorded on site will differ from that held on UK Link. As RGMA flows are normally pass through files, these may reject requiring the shipper to modify the uncorrected exchange reading	Medium to Low - requires Shipper to work around UK Link validation issue and may have potential impacts to asset exchanges. The shippers will also have to change the uncorrected read for all subsequent read submission for them to be accepted	Workaround Option: Short
4.	Shipper could submit a cosmetic corrector exchange alongside the lower uncorrected reading as this file format contains uncorrected TTZ count. Subsequent readings would then load normally assuming other validation checks pass	Medium to High - requires Shipper to work around UK Link validation issue	Workaround Option: Short

Xoserve recommended options

Options to address the finding (2 of 2)

No.	Option	Likelihood of success	Implementation lead times
5.	CDSP to monitor rejections for this rejection code. CDSP will manually load the read to UK Link if the read has passed all other validations. Subsequent reads will load normally if they pass validation checks	High. CDSP resource required to maintain this process	Workaround option: Short to medium
6.	The uncorrected read will be an optional field following the November 2019 UK Link release implementation, so it can be blank and the corrected read will load	Low to medium. If the field is populated with a lower read than loaded then the new read will still reject	Long: Implementation November 2019
7.	Raise change to UK Link to remove validation on the uncorrected read as it is not used for billing	High	Medium to Long CP required
8.	Raise a change to add an Uncorrected TTZ count to the incoming and outgoing read file format and any associated logic to ISU	High	Medium to Long CP required
9.	Raise a change to alter the read load logic to derive the TTZ count for uncorrected reads. We would increment the uncorrected read TTZ count by 1 and load the read when the uncorrected read is lower than the previous uncorrected read and all other validation checks pass	High	Medium to Long CP required

Xoserve recommended options


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