

Rolling AQ Review Group 0209 Suggested Tolerances & Validations – EDF Representation

13th June 2008

USRVs will be put forward as current practice – EDF opposed to this. Tolerances and validations suggested in this document are on the basis that these will not be included in xoserve AQ calculations.

The removal of USRV inclusion in the Rolling AQ and the addition of 2nd level tolerances (detailed later in this document) will mean that the resubmission of reads subsequently proved to be valid will be unnecessary as the process will be automated reducing manual workload for shippers.

HIGH LEVEL VALIDATION STATEMENTS:

AQ Increases of over 500% will be rejected – With the removal of USRV inclusion, this will become redundant for LSPs however will need to be considered at a different level for SSPs dependant on AQ banding.

Where AQ was 1 prior to/after AQ revision tolerances must be reviewed – To be proposed later in this document.

Negative AQs will be rejected – Agree

All reductions (other than negatives) will be accepted – Disagree, there should be validations in place for all reductions in AQ to exactly mirror the increase in AQ although where the AQ moves down to 1 accept all with warnings for reductions from certain AQ bandings (to be specified later in this document)

There will be change thresholds below which changes in calculated AQ will be ignored – Agree, tolerances to be based on AQ bandings specified later in this document to include LSPs and SSPs. The statement ‘there will be no exception to this rule’ may be untrue for larger AQ bands.

Method of indicating acceptance of AQ if it has failed to calculate in month 3 following 2nd level validations – It is proposed that there is still a method of some sort to indicate in read submitted in month 3 if AQ is valid but has failed 1st and 2nd level tolerances.

Threshold Crossers:

LSP will only become SSP and vice versa when AQ changes by XX% - Agree in principal, again to be built in to validations and percentages to be specified later in this document. This will preventing month on month swapping between LSP & SSP classification.

For SSPs 20% minimum change threshold needs to be considered – Disagree. This is fine for the AQ Review however for a proposed rolling AQ review, the low level tolerances will apply for minimum change percentage and therefore the current 20% minimum change is considered to be out of date and not necessarily the best way of regulating change.

EXPLANATION OF VALIDATIONS PROVIDED IN TABLE BELOW:

AQ BANDINGS:

This section of the table shows the proposed split of AQ bandings for which different tolerances should be applied

MIN CHANGE THRESHOLD:

This is the low level validation below which any change from the current AQ should be ignored, whether it is plus or minus the percentage stated.

1st LEVEL CHANGE THRESHOLD:

High level percentage over which any change from current to revised AQ will be rejected, whether it is plus or minus the percentage stated.

BANDING DATA:

This shows data items; Bracket Width – size of AQ Banding between from and to values, Mid Bracket Value – central AQ between AQ Bandings from & to values, Mid Bracket Value 1% of – 1% of the mid bracket value.

2ND LEVEL TOLERANCES:

If a read submitted causes an AQ to be calculated higher than the 1st level tolerance then the AQ will not be changed. If for a second month, the read submitted to xoserve causes the AQ to fail for a 2nd time due to being over these same thresholds, then the 2nd level tolerances will apply. If the AQ calculated in the 2nd month is within this tolerance then the AQ will successfully calculate and be sent to the shipper, if it fails this tolerance, the AQ calculated will be ignored. The proposal is to be able to select a field within a field in the UMR/U01 flow to indicate that on 3rd submission of a read, to ignore all tolerance failures and recalculate the AQ to whatever value the read indicates.

This applies for changes plus or minus this percentage value.

These validations are proposed to cover all eventualities however there will need to be a further validation to be applied prior to anything else – ‘If AQ increases from or decreases to a value of 1, then ignore all other tolerances.

AQ BANDINGS (Current AQ)		MIN CHANGE THRESHOLD	1st LEVEL CHANGE THRESHOLDS	BANDING DATA			2ND LEVEL TOLERANCES
From	To	Min (+/-) %	High (+/-) %	Bracket Width	Mid Bracket Value	Mid Bracket Value (1% of)	2nd Level High (+/-) %
1	500	20	500	499	251	3	25
501	1,500	10	400	999	1001	10	23
1,501	5,000	5	250	3,499	3251	33	20
5,001	15,000	3	150	9,999	10001	100	17
15,001	36,600	1	100	21,599	25801	258	15
36,601	73,200	0.5	100	36,599	54901	549	15
73,201	323,200	0.08	90	249,999	198,200	1982	14
323,200	573,199	0.05	80	249,999	448,200	4482	14
573,200	823,199	0.03	76	249,999	698,200	6982	12
823,200	1,073,199	0.03	74	249,999	948,200	9482	12
1,073,200	1,323,199	0.02	72	249,999	1,198,200	11982	11
1,323,200	1,573,199	0.02	70	249,999	1,448,200	14482	11
1,573,200	1,823,199	0.02	68	249,999	1,698,200	16982	11
1,823,200	2,073,199	0.02	66	249,999	1,948,200	19482	11
2,073,200	2,323,199	0.01	64	249,999	2,198,200	21982	10
2,323,200	2,573,199	0.01	62	249,999	2,448,200	24482	10
2,573,200	2,823,199	0.01	60	249,999	2,698,200	26982	10
2,823,200	3,073,199	0.008	58	249,999	2,948,200	29482	9
3,073,200	3,323,199	0.008	56	249,999	3,198,200	31982	9
3,323,200	3,573,199	0.008	54	249,999	3,448,200	34482	9
3,573,200	3,823,199	0.008	52	249,999	3,698,200	36982	9
3,823,200	4,073,199	0.008	50	249,999	3,948,200	39482	9
4,073,200	4,323,199	0.008	48	249,999	4,198,200	41982	9
4,323,200	4,573,199	0.008	46	249,999	4,448,200	44482	9
4,573,200	4,823,199	0.008	44	249,999	4,698,200	46982	9
4,823,200	5,073,199	0.007	42	249,999	4,948,200	49482	8
5,073,200	5,323,199	0.007	40	249,999	5,198,200	51982	8
5,323,200	5,573,199	0.007	38	249,999	5,448,200	54482	8
5,573,200	5,823,199	0.007	36	249,999	5,698,200	56982	8
5,823,200	6,073,199	0.007	34	249,999	5,948,200	59482	8
6,073,200	6,323,199	0.007	32	249,999	6,198,200	61982	8
6,323,200	6,573,199	0.007	30	249,999	6,448,200	64482	8
6,573,200	6,823,199	0.007	28	249,999	6,698,200	66982	8
6,823,200	7,073,199	0.005	26	249,999	6,948,200	69482	6
7,073,200	7,323,199	0.005	24	249,999	7,198,200	71982	6
7,323,200	7,573,199	0.005	22	249,999	7,448,200	74482	6
7,573,200	7,823,199	0.005	20	249,999	7,698,200	76982	6
7,823,200	8,073,199	0.005	18	249,999	7,948,200	79482	6
8,073,200	8,323,199	0.005	16	249,999	8,198,200	81982	6
8,323,200	8,573,199	0.005	14	249,999	8,448,200	84482	6
8,573,200	8,823,199	0.005	12	249,999	8,698,200	86982	6
8,823,200	9,073,199	0.004	10	249,999	8,948,200	89482	5
9,073,200	9,323,199	0.004	8	249,999	9,198,200	91982	5
9,323,200	9,573,199	0.004	6	249,999	9,448,200	94482	5
9,573,200	9,823,199	0.004	4	249,999	9,698,200	96982	5
9,823,200	10,000,000	0.004	2	176,800	9,911,600	99116	5
10,000,001	+	0.001	0				3