

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

8<sup>th</sup> July 2008

*There should be validations in place for all increases and reductions in AQ which would be independent of each other.*

*The AQ decrease percentage tolerances could be mirrored on the AQ increase tolerances, however for the SSP bandings there needs to be amendments made to the % tolerances – see tables below.*

*Where the AQ reduces to 1, reject in all instances with a flag in a flow (could be an 'AQ Read' usability flow or the UMR/U01 flow) allowing this reduction to be accepted in month 2.*

*Where the AQ increases from 1 do not apply any of the standard AQ increase validations and allow all increases to be accepted.*

### **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

#### **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.

#### **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.

**AQ INCREASE VALIDATIONS:**

<b>AQ BANDINGS (Current AQ)</b>		<b>1st LEVEL CHANGE THRESHOLDS</b>	<b>2ND LEVEL TOLERANCES</b>
From	To	High (+/-) %	2nd Level High (+/-) %
<b>2</b>	<b>500</b>	<b>500</b>	<b>25</b>
<b>501</b>	<b>1,500</b>	<b>400</b>	<b>23</b>
<b>1,501</b>	<b>5,000</b>	<b>250</b>	<b>20</b>
<b>5,001</b>	<b>15,000</b>	<b>150</b>	<b>17</b>
<b>15,001</b>	<b>36,600</b>	<b>100</b>	<b>15</b>
<b>36,601</b>	<b>73,200</b>	<b>100</b>	<b>15</b>
73,201	323,200	90	14
323,200	573,199	80	14
573,200	823,199	76	12
823,200	1,073,199	74	12
1,073,200	1,323,199	72	11
1,323,200	1,573,199	70	11
1,573,200	1,823,199	68	11
1,823,200	2,073,199	66	11
2,073,200	2,323,199	64	10
2,323,200	2,573,199	62	10
2,573,200	2,823,199	60	10
2,823,200	3,073,199	58	9
3,073,200	3,323,199	56	9
3,323,200	3,573,199	54	9
3,573,200	3,823,199	52	9
3,823,200	4,073,199	50	9
4,073,200	4,323,199	48	9
4,323,200	4,573,199	46	9
4,573,200	4,823,199	44	9
4,823,200	5,073,199	42	8
5,073,200	5,323,199	40	8
5,323,200	5,573,199	38	8
5,573,200	5,823,199	36	8
5,823,200	6,073,199	34	8
6,073,200	6,323,199	32	8
6,323,200	6,573,199	30	8
6,573,200	6,823,199	28	8
6,823,200	7,073,199	26	6
7,073,200	7,323,199	24	6
7,323,200	7,573,199	22	6
7,573,200	7,823,199	20	6
7,823,200	8,073,199	18	6
8,073,200	8,323,199	16	6
8,323,200	8,573,199	14	6
8,573,200	8,823,199	12	6
8,823,200	9,073,199	10	5
9,073,200	9,323,199	8	5
9,323,200	9,573,199	6	5
9,573,200	9,823,199	4	5
9,823,200	10,000,000	2	5
10,000,001	+	0.5	3

**AQ DECREASE VALIDATIONS:**

<b>AQ BANDINGS (Current AQ)</b>		<b>1st LEVEL CHANGE THRESHOLDS</b>	<b>2ND LEVEL TOLERANCES</b>
From	To	High (+/-) %	2nd Level High (+/-) %
<b>2</b>	<b>500</b>	<b>0</b>	<b>25</b>
<b>501</b>	<b>1,500</b>	<b>0</b>	<b>23</b>
<b>1,501</b>	<b>5,000</b>	<b>0</b>	<b>20</b>
<b>5,001</b>	<b>15,000</b>	<b>0</b>	<b>17</b>
<b>15,001</b>	<b>36,600</b>	<b>40</b>	<b>15</b>
<b>36,601</b>	<b>73,200</b>	<b>50</b>	<b>15</b>
73,201	323,200	90	14
323,200	573,199	80	14
573,200	823,199	76	12
823,200	1,073,199	74	12
1,073,200	1,323,199	72	11
1,323,200	1,573,199	70	11
1,573,200	1,823,199	68	11
1,823,200	2,073,199	66	11
2,073,200	2,323,199	64	10
2,323,200	2,573,199	62	10
2,573,200	2,823,199	60	10
2,823,200	3,073,199	58	9
3,073,200	3,323,199	56	9
3,323,200	3,573,199	54	9
3,573,200	3,823,199	52	9
3,823,200	4,073,199	50	9
4,073,200	4,323,199	48	9
4,323,200	4,573,199	46	9
4,573,200	4,823,199	44	9
4,823,200	5,073,199	42	8
5,073,200	5,323,199	40	8
5,323,200	5,573,199	38	8
5,573,200	5,823,199	36	8
5,823,200	6,073,199	34	8
6,073,200	6,323,199	32	8
6,323,200	6,573,199	30	8
6,573,200	6,823,199	28	8
6,823,200	7,073,199	26	6
7,073,200	7,323,199	24	6
7,323,200	7,573,199	22	6
7,573,200	7,823,199	20	6
7,823,200	8,073,199	18	6
8,073,200	8,323,199	16	6
8,323,200	8,573,199	14	6
8,573,200	8,823,199	12	6
8,823,200	9,073,199	10	5
9,073,200	9,323,199	8	5
9,323,200	9,573,199	6	5
9,573,200	9,823,199	4	5
9,823,200	10,000,000	2	5
10,000,001	+	0	3