

BSC Services Agreement Impact Assessment Form

Title		Version No.
Introduction of a seasonal Zonal Transmission Losses scheme		v0.1
		Logica Reference
		ICR964
ELEXON Reference	Date Received	Date Issued
CR032 – P229	11-February-2009	26-February-2009
Assessor Name	Baseline for Impact Assessment	
Gemini Carrington	BPO CR 32 – P229.doc dated 11 th February 2009 P229 Requirements Specification v1.0.pdf dated 10 th February 2009	
Summary of Assessment		
<p>Modification P229 seeks to change the Transmission Losses arrangements in the BSC so a Transmission Loss Factor (TLF) for each BSC Season is calculated for each 'TLF Zone'. Each year TLFs for each BSC Season would be calculated for the following year using historical data. The aim is to allocate transmission loss costs across generators and demand customers on the GB transmission system such that they better reflect the source of losses.</p> <p>Logica's solution will include removing the existing P82 footnotes in the IDD Part 1, IDD Part 2, CDCA URS and CRA URS. Also a script will be created which will load, validate and verify the TLF data and log errors/warnings found. There will be no operational costs for TLF input, whilst adding increased validation and removing the possibility of manual input errors.</p> <p>This change will be delivered as a patch release potentially in April 2011.</p> <p>P226 has been priced at ~£3K, Logica have kept this price low by delivering this as a light patch release and this assumes Logica are providing both the AMD and BPO service.</p>		

Requirements and Solution

Brief Summary of Change
Modification P229 seeks to change the Transmission Losses arrangements in the BSC so that Transmission Loss Factor (TLF) for each BSC Season is calculated for each 'TLF Zone'. Each year TLFs for each BSC Season would be calculated for the following year using historical data. The aim is to allocate transmission loss costs across generators and demand customers on the GB transmission system such that they better reflect the source of losses.
Logica's Proposed Solution
<p>Logica's proposed solution is detailed below: Please Note. This is based on the solution for P203, which is the same solution as P198 Alt Option 1 Scripted Option 1.</p> <p>Logica's solution will include removing the existing P82 footnotes in the IDD Part 1, IDD Part 2, CDCA URS and CRA URS. Also a script will be created which will load, validate and verify the TLF data and log errors/warnings found. This will be performed by the AMD activity.</p>
History of Solution
<p>Logica have not seen P229 before but this change has been previously proposed by P203. The P203 solution was based in turn on the P198 Alternative solution</p> <p>IA delivered to ELEXON on 14th Sept 2007 v0.1 of ICR758 CR102 P203 - Alternative P198 Introduction of a Zonal Transmission Losses Scheme.</p> <p>Please Note. P203 has been identified by ELEXON as being the same as P198 Alt Option 1 Scripted Option 1.</p>
Operational Impact of Solution
<p>There will be no operational costs for TLF input, whilst adding increased validation and removing the possibility of manual input errors.</p>

Impacts and Testing

Changes to Services CVA and FAA							
Services Impacted							
Service	BMRA	CDCA	CRA	SAA	ECVAA	FAA	Other
Manual System Specification			X				
Business Process Model			X				
SRT Test Pack							
OAT Test Pack							
Service							
Other ¹							

Changes to Infrastructure / Technology Refresh				
Services Impacted - No impacts identified.				
	CVA	FAA	SVAA (incl. Minor Apps)	Other
Service				
Technology Road Map				
Network Road Map				
Other				
Materiality				

Deployment Issues, e.g. Outage Requirements:	None
Impact on Service Levels:	None
Impact on System Performance:	None

¹ Where this line is used, clearly state what is included in the 'any other information' section of this form.

Testing Strategy					
<p>Testing Synopsis: Testing involved for this change will be Change Specific, System and Regression which will be done as part of the AMD activity.</p> <p>Indicative SAT Test costs are provided though Logica do not recommend this as Logica are providing the AMD service where the testing will be provided.</p> <p>This change will be delivered as a patch release potentially targeted at April 2011. The Patch Release will have the same rigour applied to it as defect fix process in Application Support.</p>					
Deployment and Back out		Parallel Run		End to End (E2E)	
Software Release Testing (SRT). See tables below		Operational Acceptance Testing (OAT)		Interface Testing (IT)	
<p>Other: The SAT Test Pack will be updated as part of the BPO Activity.</p> <p>Logica believe that Participant testing and OAT are not appropriate for this change as the level of testing done by the AMD will be sufficient thus, have not included and effort for these activities.</p>					
Rationale:					
Acceptance Criteria					
Logica confirm that Logica will meet ELEXON's acceptance criteria as detailed in Change Delivery - Standard for Acceptance Criteria v1.0 dated 15 February 2008					

Pricing and Assumptions by Application

Item Description	Total Price (ex VAT)	Price Tolerance	Project Duration
Application: CRA/CDCA			
Option 1: P229 Solution			
Change Cost (inc SAT Pack Update)	£3,003		
SAT Activity (not needed)	£6,765		
Total	£3,003	0%	1 week
Operational Price (e.g. per annum or event) (ex VAT)	n/a		
Savings	n/a		
Justification of Costs and Comments			
P226 has been priced at ~£3K, Logica have kept this price low by delivering this as a patch release.			
Impacts on Stranded Costs			
N/A			
Specific Validity Constraints			
None			
Standard Validity Constraints			
<ul style="list-style-type: none"> Price and duration assume that this change is developed in isolation and the effects of other changes are excluded. No allowance is included for the final solution being different from the baseline. No allowance is included for supporting Release Audit activities. Any effort will be charged at contracted T&M rates No allowance is included for supporting ELEXON assurance activities. Any effort will be charged at contracted T&M rates No allowance is included for Walkthrough activities. Any effort will be charged at contracted T&M rates <p>The validity period for this assessment is 30 days and is based on the following payment schedule:</p> <ul style="list-style-type: none"> Logica will invoice 100% on receipt of Purchase Order. 			
Validated Assumptions			
<ul style="list-style-type: none"> The solution assumes that any seasonal TLF will be entered in time for that season and not immediately it is received. This change will be delivered as a patch release potentially in April 2011, however if Logica are not the AMD and BPO service provider the patch release model will not be viable. If this change is targeted at April 2011, the current Fee Rates will need to be indexed, thus a change in price. 			
Outstanding Issues and Risks			
None			

Any Other Information	
<ul style="list-style-type: none"> • This change has been assessed where Logica are providing both the AMD and BPO service. • This change is linked to Logica Reference: ICR963 v0.1 ("ICR963 AMD CR169 P229 IA v0.1.doc") and must be ordered together with this change. This will result in a combined project duration of 5 weeks. 	
Attachments	
ICR964 BPO CR032 P229 Price Presentation v0.1.xls	

Authorised Signature	Date Signed