

NETA Change Form		ELEXON Reference
		MP139
Title		Version No.
Removal of Trading Unit Restriction on Interconnector Users		Version 0.2
		LogicaCMG Reference
		ICR551
Type of Assessment	Date CP Received	Date IA Issued
N/A	28-Oct-2003	19-Nov-2003
Brief Summary of Change		
<p>The proposal is to modify the current BSC rule as specified in Para 5.7.1 of Section K, Classification and Registration of Metering Systems and BM Units, such that Interconnector BM Units can belong to a Trading Unit.</p> <p>It may also be necessary for there to be a special Class of Trading Unit i.e. an Interconnector Trading Unit, if one of the existing classifications is not thought appropriate.</p>		
LogicaCMG's Proposed Solution		
<p>Three options are proposed:</p> <ol style="list-style-type: none"> 1. Allow Interconnector BM Units to belong to Trading Units (other than Base TUs); 2. In addition to Option 1, allow Interconnector BM Units (other than Interconnector Error BM Units) to have their P/C Flag to be set to NULL such that their P/C status is defined by their associated Trading Unit's P/C status; 3. In addition to Options 1 and 2, allow Interconnector Error BM Units to have their P/C Flag to be set to NULL such that their P/C status is defined by their associated Trading Unit's P/C status. <p><u>Option 1</u></p> <p>This option can be handled by the current system functionality without requiring any modification.</p> <p><u>Option 2</u></p> <p>Modify the Maintain BMU Screen to allow P/C Flag to be set to NULL for Interconnector BM Units (other than Interconnector Error Administrator BM Units).</p> <p><u>Option 3</u></p> <p>Modify the Maintain BMU Screen to allow P/C Flag to be set to NULL for Interconnector BM Units (including Interconnector Error Administrator BM Units).</p> <p>Modify the database to hold additional data such that Interconnector Error Administrator BM Units can be identified as being either Import or Export.</p> <p>Modify Settlement Calculation so it uses the new Import/Export lookup data, rather than the</p>		

BM Unit P/C Flag, when processing Interconnector Error Administrator BM Units.

Additional notes

- The assessment assumes that the mechanism of having two Interconnector User and Interconnector Error Administrator BM Units for each Interconnector (one for Import and one for Export) is to be continued.
- For options 2 and 3, it should be noted that where Interconnector User and Interconnector Error Administrator BM Units have no P/C Flag defined then participants will no longer be able to determine the Import/Export status of a BM Unit from its reported P/C status.
- For option 3 it is expected that when information is received about which pair of BMUs are to be the Error BMUs the registrant will indicate which is Import and which is Export.

Deviation from ELEXON’s Solution / Requirements

None.

Operational Solution and Impact

None.

Testing Strategy

Unit	X	Change Specific	X	End to End	
Module	X	Operational Acceptance		Participant Testing	
System	X	Performance		Parallel Running	
Regression		Volume		Deployment/ Backout	

Other:

- Regression testing will involve tests RT-01 and RT-02 for data set-up plus RT-04 and RT-38 (new P100 Regression test).
- No updates to existing regression tests are required.
- No CDCA, BMRA or ECVAAs testing (either Regression or Change-specific) is required.
- Performance/Volume testing has been excluded (no performance implications of P139).
- No estimates have been included for any clock change testing.
- Option 3 includes an estimate for testing using Live data.

Validated Assumptions

None.

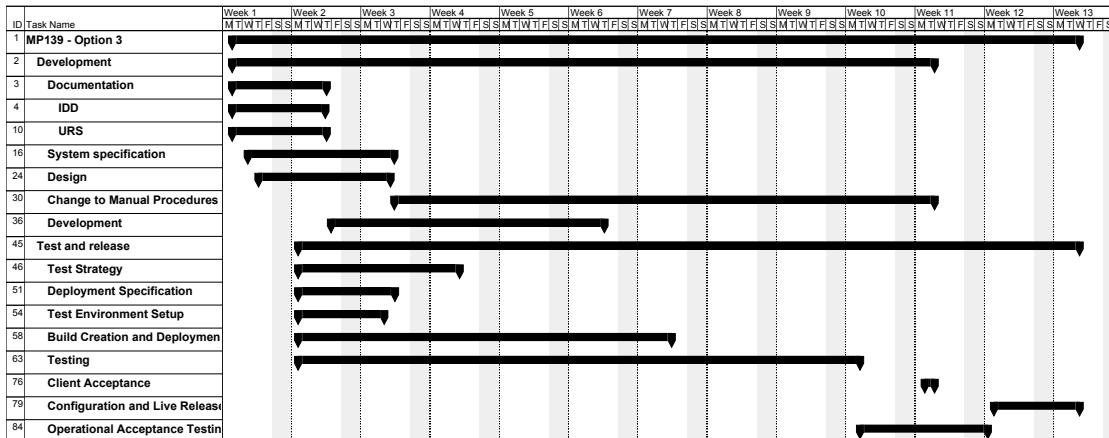
Outstanding Issues

None.

Changes to Service							
Services Impacted							
	BMRA	CDCA	CRA	ECVAA	SAA	TAA	Other
Software			Option 2 Option 3		Option 3		
IDD Part 1 (Docs)							
IDD Part 1 (S'Sheet)							
IDD Part 2 (Docs)							
IDD Part 2 (S'Sheet)							
URS			Option 2 Option 3				
SS			Option 2 Option 3				
DS			Option 2 Option 3				
MSS							
OSM			Option 2 Option 3		Option 3		
LWIs							
RTP	Option 2 & 3: RT-01 and RT-02 (for data setup) and also RT-04 and RT-38						
Comms							
Other							
Nature of Documentation Changes							
<p>Option 1 n/a</p> <p>Option 2 CRA URS,SS,DS – remove restriction on Interconnector BM Unit P/C Flags CRA OSM - remove restriction on Interconnector BM Unit P/C Flags</p> <p>Option 3 CRA URS,SS,DS – remove restriction on Interconnector BM Unit P/C Flags, add detail about Import/Export status of Error BMUs. CRA OSM - remove restriction on Interconnector BM Unit P/C Flags SAA DS – update Calculate Interconnector Error Volume detail.</p>							
Nature / Size of System Changes							
<p>Option 1 – n/a Option 2 - small Option 3 - medium</p>							

Type of Release Costed:	Interim (Patch) (Options 2 & 3 only)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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MP139 Option 3 – Gantt Chart



PRICING

Price Breakdown

Item description	Remarks	Price (ex VAT)
Change Specific Cost	Option 1	£0
	Option 2	£42,422
	Option 3	£113,989
Project Overhead	Option 1	£0
	Option 2	£95,736
	Option 3	£181,852
Total Price (ex VAT)		Option 1 - £0 Option 2 - £138,159 Option 3 - £295,841
Price Tolerance		Option 1 – n/a Option 2 – 15% Option 3 – 20%
Project Duration		Option 1 – n/a Option 2 – 10 weeks Option 3 – 13 weeks
Operational Price (e.g. per annum or event) (ex VAT)		£0 per annum (all options)

Rationale

n/a

Annual Maintenance Price (ex VAT)

Option 1 – n/a
Option 2 - £5,939
Option 3 - £15,958

Rationale

The Annual Maintenance Price is derived as 14% of the Change Specific Price.

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. • Price is for creating DCRs, not a formal documentation issue. • Maintain charges will be invoiced monthly in arrears. • No allowance has been included for supporting PwC activities. <p>The validity period for this quote is 30 days and the offer is based on the following payment milestones for Options 2 & 3:-</p> <ul style="list-style-type: none"> • LogicaCMG will invoice 30% on receipt of Purchase Order or authorised start of work, 50% on completion of first build phase, 15% on live implementation and 5% made the earlier of either 1 month after the live implementation date or subject to the successful completion of the Success Criteria (to be agreed between Parties and defined in the Full Release Specification). 	
Authorised Signature	Date Signed

- Price and duration assume that this change is developed in isolation and the effects of other changes are excluded.
- Price is for creating DCRs, not a formal documentation issue.
- Maintain charges will be invoiced monthly in arrears.
- No allowance has been included for supporting PwC activities.

The validity period for this quote is 30 days and the offer is based on the following payment milestones for Options 2 & 3:-

- LogicaCMG will invoice 30% on receipt of Purchase Order or authorised start of work, 50% on completion of first build phase, 15% on live implementation and 5% made the earlier of either 1 month after the live implementation date or subject to the successful completion of the Success Criteria (to be agreed between Parties and defined in the Full Release Specification).

Authorised Signature	Date Signed

Modification Proposal	MP No: 139 <i>(mandatory by BSCCo)</i>
Title of Modification Proposal <i>(mandatory by proposer):</i> Removal of Trading Unit Restriction on Interconnector Users	
Submission Date <i>(mandatory by proposer):</i> 21 st August 2003	
Description of Proposed Modification <i>(mandatory by proposer):</i> The proposal is to modify the current BSC rule as specified in Para 5.7.1 of Section K, Classification and Registration of Metering Systems and BM Units, such that Interconnector BM Units can belong to a Trading Unit. It may also be necessary for there to be a special Class of Trading Unit ie an Interconnector Trading Unit, if one of the existing classifications is not thought appropriate.	
Description of Issue or Defect that Modification Proposal Seeks to Address <i>(mandatory by proposer):</i> Para 5.7.1 of Section K of the BSC states that 'An Interconnector BM Unit may not belong to a Trading Unit other than a Sole Trading Unit.' It is contended that this is an unnecessary and unfair restriction on Interconnector BM Units who may wish to operate as a Trading Unit in similar fashion to other BM Units operating at the same site. The effect of the current rule is such that BSUoS charges are charged to each BM Unit active on the interconnectors for each half hour, whether or not the energy contracted transfers are superposed on each other and even though the System Operator will only react to the 'net' positions. By way of illustration, if there was 1000MW contracted from France to UK and at the same time as 500MW from UK to France, there would currently be BSUoS charges made on the gross value of 1500MW. If amended as proposed and an Interconnector Trading Unit is then formed, the BSUoS charges would be charged to those Interconnector BM Units (participating in the Trading Unit) in such a way as if the BSUoS charges were based on the 'net' value. In the above example the BSUoS charges would correspond to 500MW, equivalent to the actual metered interconnector flow and the amount 'seen' by the SO. The proposal would provide the means by which Interconnector BM Units can avoid bearing an unfair proportion of the total BSUoS charges, as can currently be the case if there are contractual flows operating in opposite directions across an interconnector ie if Superposition is taking place. For the proposal to be fully operational it is likely it will require either one of the Interconnector Users or the Interconnector Administrator to act as a coordinator and contract between all the Interconnector Users who wish to participate in the Trading Unit, in order to reconcile the relevant BSUoS and Residual Cash Flow payments amongst the relevant Interconnector BM Units. Under such an arrangement an IU as the Lead Party of the Interconnector BM Unit would receive an invoice from NGC, if its transfer was in the same direction as that of the Trading Unit in total. It would receive a payment if it is operating in the opposite direction to the Trading Unit and, if the Trading Unit registered a net zero then none of the IUs would be invoiced or be paid for that Settlement Period.	
Impact on Code <i>(optional by proposer):</i> The proposal seeks the deletion or amendment of Para 5.7 of Section K of the BSC, with consequent impacts on Paras 4.1 – 4.6 , Annex K-2 and BSCP31.	

Modification Proposal	MP No: 139 <i>(mandatory by BSCCo)</i>
Impact on Core Industry Documents <i>(optional by proposer):</i> Possible changes to the terms of the Use of Interconnector Agreements.	
Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties <i>(optional by proposer):</i> The Interconnector Trading Unit would need to have the Deemed Metered Values summated for each of the participants for each of the half hours. This would allow NGC to determine the appropriate BSUoS charges and/or payments for each Lead Party of each BM Unit and, similarly, for Elexon to determine the Residual Cash Flow payments and/or charges amongst parties.	
Impact on other Configurable Items <i>(optional by proposer):</i>	
Justification for Proposed Modification with Reference to Applicable BSC Objectives <i>(mandatory by proposer):</i> By removing the restriction on Interconnector BM Units forming a Trading Unit, the Proposal would remove an unnecessary and unfair potential financial burden on existing and new Interconnector Users. The proposal would also ease trades between the E&W market and the markets of neighbouring systems. It would provide Interconnector Users with similar opportunities as afforded to other Trading Parties in E&W operating from the same site for the formation of a Trading Unit. It would therefore remove the undue discrimination in this context, facilitate more efficient and competitive trading activity between neighbouring systems and remove the potential for duplicate charging of BSUoS Charges, thereby meeting Applicable BSC Objectives (a), (c) and (d).	
Details of Proposer: Name: Steve Drummond Organisation: Edf Trading Ltd Telephone Number: 0207 061 4051 or 07884 310870 Email Address: steve.drummond@edftrading.com	
Details of Proposer's Representative: Name: As above Organisation: Telephone Number: Email Address:	

Modification Proposal	MP No: 139 <i>(mandatory by BSCCo)</i>
Details of Representative's Alternate: Name: Saeed Patel Organisation: EdF Trading Ltd Telephone Number: 0207 061 4055 Email Address: saeed.patel@edftrading.com	
Attachments: NO If Yes, Title and No. of Pages of Each Attachment:	