

ANNEX 1 LEGAL DRAFTING REQUIRED TO BSC

The following amendments will be made to Annex S-2:

1. Annex S-2, paragraph 3.4.1(d) will be replaced with the following:
 - "(d) update the Line Loss Factor data made available on the BSC Website pursuant to Section V4 and other data supplied by the SMRA to the Half Hourly Data Aggregator pursuant to BSCP 501;"

The following amendments will be made to Section V:

1. Section V3.2 will be replaced with the following:
 - "3.2.1 Each of Tables 2 to 7 in Annex V-1 sets out:
 - (a) the name of each report to be provided by the relevant BSC Agent;
 - (b) a summary description of the data to be contained in each such report;
 - (c) the frequency with which each such report is to be provided;
 - (d) the persons and bodies to which each such report is to be provided.
 - 3.2.2 For the purposes of Tables 2 to 7 in Annex V-1:
 - (a) "**Relevant Party**" indicates that the data in question is to be provided to the Party or Trading Party or Supplier to which the data relates (and not to other Parties, except for BSCCo);
 - (b) "**Any Party (on request)**" indicates that the data in question (irrespective of the Party or Parties to which it relates) is to be provided to any Party which requests receipt of the same pursuant to paragraph 3.2.3;
 - (c) "**All Suppliers**" indicates that the data in question is to be provided to all Suppliers in the GSP Group to which the data relates;
 - (d) "**Any person (on request)**" indicates that the data in question (irrespective of the Party or Parties to which it relates) is to be provided to any person (whether or not a Party) which requests receipt of the same pursuant to paragraph 3.2.3.
 - 3.2.3 In respect of each of the Tables 2 to 7 in Annex V-1 and in relation to all (but not some) of the data for which the 'Recipient' column in any such Table includes 'Any Party (on request)' or 'Any person (on request)', each Party or any person (as the case may be) shall be entitled to receive all such data if it notifies BSCCo to that effect in accordance with BSCP 41.
 - 3.2.4 Tables 2 to 7 provide a general description of the data to be contained in each report; details of the data to be contained in each report are set out in the Reporting Catalogue.
 - 3.2.5 Reports are to be provided:
 - (a) to Parties by the means specified in Section O;
 - (b) to persons other than Parties [by such means as [the Panel] may determine].
 - 3.2.6 Where a person who is not a Party requests the provision of data to which it is entitled pursuant to this paragraph 3.2, such data shall not be required to be made available to such person until and unless such person has paid to BSCCo a sum (established and revised from time to time by BSCCo) representing the reasonable costs of providing such data to that person.
 - 3.2.7 With effect from the date when the Code is modified to provide for Aggregated Data Reports and Profile Co-efficient Data to be provided to any person (on

request), any person shall also be entitled (on request) to receive any such data relating to Settlement Periods or Settlement Days prior to such date, and such historical data shall be provided in accordance with the other provisions of this paragraph 3.2."

2. Section V4.1.1(b) will be replaced with the following:
 - "(b) an up-to-date list of the following parameters set out in or established and revised from time to time under and in accordance with the Code:
 - (i) the Credit Assessment Price determined and revised from time to time by the Panel pursuant to Section M1.4;
 - (ii) the Transmission Loss Factors specified in Section T2.2.1(a);
 - (iii) the coefficient ' α ' specified in Section T2.2.1(b);
 - (iv) the Balancing Reserve Level established and revised from time to time by the Panel pursuant to Section T1.5;
 - (v) the Line Loss Factors in respect of SVA Metering Systems (or classes of SVA Metering System) approved from time to time by the Panel, or where applicable the default values established in respect thereof, pursuant to Section K1.7.

3. Annex V-1, Table 5 shall be amended as follows:
In the 'Recipient' column for the 'Aggregated Data Report', the words 'Any Party (on request)' shall be replaced with the words 'Any person (on request)'.

4. Annex V-1, Table 7 shall be amended as follows:
The following additional categories of data shall be inserted at the end of Table 7:

Category of Data	Frequency	Recipient	General Description
Profile Co-efficient Data	[All Suppliers: daily] [Any person (on request: monthly]	[All Suppliers] Any person (on request)	
Market Domain Data	[As requested]	All Suppliers Any Party (on request) Excluding Profiling Regression data: any person (on request)	

Annex 2 – BSCCo Impact Assessment for Distribution of Line Loss Factor data

ELEXON Web Site Impact Assessment

1. The Requirement

This Impact Assessment has been prepared in response to the requirement that MDD Data (excluding Profiling Regression Data), the BM Unit Aggregation Report (CDCA-I042), Profile Co-efficient data and Line Loss Factors be made available to both Acceded Parties or non-BSC parties. This assessment considers only the LLF Data of which the suggested method of distribution is the ELEXON website.

LLF Data may be distributed as two proposed sets:

a) Full LLF Data (D0265 file)

Or

b) Summarised LLF Data

Either of which would meet the proposer’s requirement. In consideration of the two outputs it is concluded that the content of these reports make no material difference to the impact in delivering this requirement to the website. Assessment 2(i) detailed below can therefore be applied to either set of data *¹

2. Assessment

A new section or new pages within the “Market Data” section of the website will need to be designed, tested and implemented.

i) To deliver either solution a) or b) the following elapsed time and cost will apply:

<u>Task</u>	<u>Elapsed Time</u>	<u>Cost</u>
Analysis of Requirement	1 day	
Graphic Design of Section	2 weeks	
Review + Amendments	3 days	
Testing	2 days	
Installation	1 day	
TOTAL	4 weeks	£10k

ii) To deliver both sets of data a) + b) the following elapsed time and cost will apply:

<u>Task</u>	<u>Elapsed Time</u>	<u>Cost</u>
Analysis of Requirement	1 day	
Graphic Design of Section	3 weeks	
Design of Functionality	2 weeks	
Review + Amendments	1 week	
Testing	2 day	

Installation	1 day	
TOTAL	5 weeks *2	£17,500

To provide the Full LLF Data (D0265 file) (a) or Summarised LLF Data (b) in a “Private Members Area” of the ELEXON website which could be accessed by username and password

- iii) To deliver either solution a) or b) in a “Private Members Area” of the website, the following elapsed time and cost will apply:

Task	Elapsed Time	Cost
Analysis of Requirement	2 day	
Graphic Design of Section	3 weeks	
Design of Functionality	1 week	
Review + Amendments	2 days	
Testing	1 days	
Installation	1 day	
TOTAL	4 weeks *2	£10k

- iv) To deliver both sets of data a) + b) in a “Private Members Area” of the website, the following elapsed time and cost will apply:

Task	Elapsed Time	Cost
Analysis of Requirement	2 day	
Graphic Design of Section	4 weeks	
Design of Functionality	3 weeks	
Review + Amendments	1 week	
Testing	2 day	
Installation	1 day	
TOTAL	6 weeks *2	£22,500K

3. Summary

- To deliver solution i) as part of the existing site the lead time for developing, testing and implementing the solution would be 4 weeks and cost the order of £10K
- To deliver solution ii) as part of the existing site the lead time for developing, testing and implementing the solution would be 5 weeks and cost the order of £17,500k
- To deliver solution iii) as part of the existing site the lead time for developing, testing and implementing the solution would be 4 weeks and cost the order of £10k
- To deliver solution iv) as part of the existing site the lead time for developing, testing and implementing the solution would be 6 weeks and cost the order of £22,500k.

The intention of this impact assessment is to provide high level information only. A tolerance of +/- 30% should be applied to all estimated cost and timescale information.

This assessment assumes that implementation will not be required prior to the 1 April 2002.

*1 Due to the large file size (500kb) should a) Full LLF Data (D0265 file) be the preferred solution, Suppliers will need to examine the potential impact on their systems that downloading this data will have.

ANNEX 3: IMPACT ASSESSMENT FOR BSCCO TO DISTRIBUTE PROFILE CO-EFFICIENT DATA

The following Impact Assessment has been provided in response to the requirement that Profile Co-efficient Data be made available to BSC and non-BSC parties.

Requirement

Profile Co-efficient Data is received, collated and packaged into a single monthly file, suggested method of distribution is by CD-ROM upon request.

Costs and Time Summary

Data saved to CD-ROM would be the order of 2 'man hours' effort at a cost of £120 + cost of CD-ROM (approximately £2)

Should the size of the monthly data file exceed the capacity of the CD-ROM (700MB) the data would need to be compressed or an additional CD-ROM supplied. The additional cost/time incurred would be the order of 2 - 3 'man hours' effort per CD (or compression) at a cost of £190 + cost of CD-ROM (approximately £2)

This assessment assumes that a tolerance of +/- 30% applied to all estimated cost and timescale information, implementation will not be required prior to the 1 April 2002, the distribution of data will be possible only during normal business hours.

ANNEX 4: MDDA AND SVAA IMPACT ASSESSMENT FOR THE DISTRIBUTION OF MDD DATA, PROFILE CO-EFFICIENT DATA AND HISTORIC PROFILE CO-EFFICIENT DATA.

MP No.	030	Title	Availability Of Market Information To B.S.C. Parties And Non-B.S.C. Parties
---------------	-----	--------------	---

BCA Name	Clive Mallinson	Assessor	SVA Agent	Date	02/10/01
-----------------	-----------------	-----------------	------------------	-------------	----------

Costs

MDD

£2,248.00 to develop, test & implement procedures to distribute the MDD flows to non-BSC parties.

On-going costs:

Distribution of Full MDD Data flow (D0269) £50.81 per Publish for up to 10 requests.

Plus a further cost of £22.58 per Publish for each additional 10 requests or any part thereof.

Distribution of MDD Changes Data flow (D0270) £50.81 per Publish for up to 10 requests.

Plus a further cost of £22.35 per Publish for each additional 10 requests or any part thereof.

Profile Co-efficient Data

£4,185.00 to develop, test & implement facilities to distribute monthly profile co-efficient data, on CD to any requesting BSC or non-BSC parties.

On-going costs:

A monthly cost of £271.00 to compile Monthly Master CD, plus a cost of £67.75 for each copy of the Monthly Profile Co-efficient Data CD requested.

Historic Daily Profile Co-efficients

£1,084:00 to compile the Master Historic Data CD using scripts developed for monthly extracts.

On-going costs:

To produce and dispatch a copy of the historic data on CD £135.50 per CD.

Witness Testing

If witness testing is required there will be a one off cost of £813:00.

All the above costs are subject to the comments below.

Timescale implications

N/A

Risks

N/A

Comments**MDD**

The proposal states that non-BSC parties will request either Full MDD or MDD changes on an ad hoc basis. D0269 is the full data set and D0270 is changed data only (the flows as stated in the proposal are incorrect). This assessment is based on providing only version 2 of D0269 and/or D0270 without regression data via DTN or e-mail.

Cap Gemini Ernst & Young will not seek acknowledgement of receipt for those files transmitted via e-mail, nor accept the application of service credits in relation to this service.

No MDD application coding changes will be required for this proposal, as the distribution of these files will be controlled manually.

Requests for this MDD Data should be via the National Help Desk (NHD). However to be able to identify the requestor as a valid recipient, the NHD will require a list of non BSC Parties that are entitled to request these files.

BSCP508 refers to MDD being distributed to Market Participants, this would need to be changed to BSC Parties and non-BSC parties.

Local procedures will need to be established for receiving these requests and for distributing the MDD flows via e-mail or DTN.

Profile Co-efficient Data

Currently D0018 files are produced for a specific Settlement Date on Settlement Day +1 and cannot be extracted by the ISRA application in monthly periods. From discussions with Nigel Williams of ELEXON the SVAA has confirmed that the requirement is for the Profile Co-efficient Data in the form of D0018 reports for each Settlement Date within the calendar month, with the headers amended to remove the Market Participant ID and the Role Code. The SVAA assessment is therefore based on this requirement.

Due to the size of the D0018 files (currently 3.3 Mb each) it will not be practical to provide these files via e-mail. The proposed method of distribution of the monthly data is therefore via CD.

The SVAA will write a script to extract D0018 flows from the Server, one for each Settlement Day for the month required. The script will copy the D0018 flows to a temporary area and will then amend the header details to remove the Market Participant ID and the Role Code. The modified flows will each then be copied onto a Monthly Master CD. A copy of the CD will be taken for contingency. On receipt of a request for the Profile Co-efficient Data a copy of the Monthly Master CD will be taken and despatched to the required address.

Cap Gemini Ernst & Young will not seek acknowledgement of receipt of these data flows after distribution, nor accept the application of service credits in relation to this service.

Requests for this Profile Co-efficient Data should be via the National Help Desk. However to be able to identify the requestor as a valid recipient, the NHD will require a list of non BSC Parties that are entitled to request these flows.

BSCP508 will need to be reviewed and may require updating as a result of this proposal.

The proposal states that apart from a 'one off' requirement for Historic Data the Profile Co-efficient Data will only be made available for the 'coming month'. This is not possible as D0018 files are produced on SD +1, the SVA Agent has interpreted this as 'previous month'.

The proposal refers to MDDA as the source of D0018 flows, these are in fact distributed by SVAA as a function of Daily Profile Production processing.

Historic Daily Profile Co-efficients

The historic data will be compiled using the scripts developed for the monthly service, with the data being extracted in Monthly batches for the period required and copied to CD. A copy of the Historic data will be taken for contingency. On receipt of a request for the Historic Data a copy will be made and sent to the required address.

General Comments

Design

There will be no changes to existing design specifications as a result of this proposal.

Testing

There will be no changes to existing applications as a result of this proposal.

MDD testing will consist of exercising the revised procedures to create D0269 and D0270 files for a designated test participant and sending these to a specific e-mail address. The files received via e-mail will be compared with those generated for an existing Market Participant.

If required, a test flow can be created and sent to a nominated test participant for integration testing purposes.

Profile Co-efficient Data testing will include running the script to create a master CD, producing a copy for a specified test participant, then opening the file on the CD and comparing it electronically with the original file.

If required, a test CD can be passed to a test participant for integration testing.

Implementation

Implementation will be straightforward as it will not involve upgrading existing applications. The new processes to distribute MDD and Daily Profile Co-efficients can simply be put into operation at the agreed date.

Exclusions

The proposal states that ELEXON shall create their own test scripts to validate any changes. No allowance has been made in this assessment for any testing that might be required as result of these scripts.

Recommendation

N/A

Impact assessment issued by SVAA to BSCCo Baseline Management

Julian Sellen

03/10/2001

ANNEX 5 CDCA IMPACT ASSESSMENT**NETA Change Form**

To be completed by the Originator						
Change Request ID (to be provided by the Customer) P30 Logica reference: ICR151	Service affected IMServ, CDCA					
Change Request Name:	Availability of market information to B.S.C Parties and non - B.S.C Parties					
Agreement by the customer to proceed to the next stage						
	High Level Assessment	Detailed Level Assessment	Change Quotation	Implement Change	Emergency Fix Report	Change Request under Clause 14.2 (delay)
Tick which stage is being requested		✓				
Signed by Customer Baseline Manager						
Signed by Customer Contract Manager						
Date of agreement to proceed to next stage					n/a	n/a
Date this stage to be completed by		5/10/01				
Configuration of Service(s) (baseline affected)						
Assumed Changes (over baseline)	NETA Service Definition Baseline (V1.0)					
Priority	High/Medium/Low					
Identified by : Sandy Blows	Date Submitted: 21/09/01					
Description of Change	See attached original P30					
Reason for Change (benefits)	See attached original P30					
Implications of not making the change	See attached original P30					
Attachments/references	P30 and Requirements Specification to support Modification P30					
Competition Item Yes/No/n/a	Reasons for Competition					

If Change Request made under Clause 14.2 (delay)	Required supporting information attached
--	--

To be completed by the Service Provider				
	High Level Assessment	Detailed Level Assessment	Change Quotation	
Tick which stage is being completed		✓		
Signed by Service Provider Contract Manager				
Date		5/10/01		
Validity period of costs/prices	Change Quotation			
	Change		30 days	
Does the change involve any changes to the System or Services			Yes	
Would the undertaking of a Detailed Level Assessment or Change Quotation delay the Trigger Milestone or the Planned Go-Live Date before Go Live or any Release Date after Go Live			N/a	
If Yes – specify which Milestones/Release Dates would be affected	N/a			
Impact on any Milestones of incorporation of change	N/a			
Indicative impact on resources for change incorporation	Phase of the work			
	Design	Build	Test & Trial	Operate
Labour				
Materials/3rd Party				
Impact on Service Levels	None			
Impact on IDD	Yes			
Price for Detailed Level Assessment				Indicative/firm
Price for Change Quotation				Indicative/firm
Price for Change	£85,774 (ex VAT) to develop and implement the change			Firm
	£1,287 (ex VAT) per month to Maintain			Firm

Assumptions for the above Price:

- Logica will invoice 30% on receipt of CN or authorised start of work, 50% on completion of acceptance tests, 20% on deployment or one month after completion of acceptance tests, whichever is sooner.
- Price does not include provision for indexation of daily fee rates with effect from 1st April 2002.
- The Service Description will have been updated by ELEXON and agreed with Logica prior to deployment.
- Only document updates will be submitted for review by ELEXON during the development of this change and a maximum of one working days has been allowed for ELEXON to review and comment on the updates. No allowance is included for addressing comments from ELEXON and only one iteration of all reviewed documents has been included in this price.
- Within reasonable levels, ELEXON will make available appropriate staff to assist Logica during the development of this change
- No allowance has been made for ELEXON to witness testing.
- Patch testing will only be performed on our own system, with external interfaces being simulated as necessary. No allowance has been made for testing with external systems.
- The cost and durations provided in this DLIA assume that only the CP to which the estimate relates is being implemented. This has been achieved by excluding the effects of other changes.
- There will be no new Service Levels.
- The Operate charge will be claimed under T&M arrangements, as the volumes associated with solution suggested in the Requirements Specification to support Modification P30 are unknown and potentially high.
- The Maintenance charge has been estimated as a proportion of the price.
- The reports are issued via email/CD to non-participants whereas they will be issued to BSC participants through existing high/low grade comms links.

If the change is to be incorporated after Go Live, is this change proposed to be a patch or release		Patch
If patch, expected time of incorporation		
If release – what release number	Release number	
Date	Release Date	
For High Level Assessment only – is it a Detailed Level Assessment Yes/No	If No, estimate of time and resources required to complete	
Resources Required to undertake	Detailed Level Assessment	Change Quotation
Labour		
Materials		
Consequential amendments to base line:		
Proposed method of Change/ Work statement		