

APPENDIX I: CONSULTATION RESPONSES**Responses from P50 Assessment Consultation**

Consultation issued 10 January 2002

Representations were received from the following parties:

No	Company	No. Parties Represented
1.	TXU	13
2.	British Gas Trading	1
3.	SEEBOARD	2
4.	LE Group	4
5.	Scottish & Southern Energy	4
6.	ScottishPower	7
7.	Innogy plc	6
8.	Powergen	1
9.	British Energy	3

TXU

This response is sent on behalf of all 13 TXU Companies.

We note that the opening paragraphs of the Consultation Paper states that the BM Unit Aggregation Report “provides information on the metered volumes associated with each BM Unit”. This is not correct. This report does contain data on Supplier Base BM Units or Additional BM Units.

CONSULTATION QUESTIONS

Please answer the following questions as fully as possible to facilitate the assessment of Modification Proposal P50.

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

No. It is not obvious to us how publishing this data to non BSC Parties will promote competition in the generation and supply of electricity.

2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence? If so, why?

On a purely practical basis we have no objection per se to the release of Generation Output data. However, in answer to the specific question we would object to such release of data as it would discriminate between the Production and Consumption side of the Market. If the Production data is to be made available to Non BSC Parties we believe that the same logic should be applied to the Consumption side of the Market.

3. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?

No – it is not something that bothers us per se but we can appreciate that this matter may be of concern to others. We note that if the data has to be aggregated to Supplier level in order to protect the confidentiality of individual Directly Connected customer data then this will complicate the implementation process (and no doubt increase the cost).

4. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why?

No – this would effectively be part of the decision as to whether or not the Licence Exempt Generator wishes to trade in SVA or CVA. If they want to be in SVA the data will appear in the BM Unit Aggregation Report.

5. The Business requirements proposed by the Modification Group are as follows:

- Format of data: CDCA-I042 (unaltered)
- Granularity of data: half-hourly (as in unaltered CDCA-I042)
- Frequency of Reporting: data to be made available weekly in arrears
- Period of Availability: data to be available for 7 working days
- Historical Data: no requirement for historical data

Do you have any objections to or comments on the proposed business requirements? If so, what?

By making the data available weekly in arrears it may make the implementation route more complicated / expensive ?

The "Period of Availability" is probably only relevant if the data is made available via the Elexon Website (or anyone else).

It may be necessary to release some historic data dependent on when/if the Mod Proposal is implemented as we have passed the RF date for 27th March and some subsequent dates (we are assuming that we will not have post final Dispute Runs).

6. The charging principles proposed by the Modification Group are as follows:

- Development Costs: annual charge (incl. admin charge), paid by each user in advance, based on overall development cost divided by the estimated number of non-BSC parties requesting the data
- Operational Costs: monthly charge incl. admin charge), paid by each user in advance, based on the monthly operational cost divided by the estimated number of non-BSC parties requesting the data

Do you have any objections to or comments on the proposed charging principles? If so, what?

No

7. Are there any other comments you would like to make in connection with Modification Proposal P50 ?

No.

British Gas Trading

Thank you for the opportunity of responding to this modification proposal. British Gas Trading (BGT) supports this modification proposal in principle although, as stated in the initial consultation response, questions whether this modification better facilitates the Applicable BSC Objectives. We do, however, feel that the modification is sound in its application.

Attached are the Modification questions and our responses as requested should you require any further clarification please feel free to contact me directly.

Yours faithfully
Andrew Latham
Account Manager

BGT Response to Mod 50

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

No. Although it would not better facilitate achievement of the Applicable BSC Objectives, P50 is sound in its application and BGT would have no problems with its implementation.

2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence?

No objection

3. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?

BGT do have concerns about this for reasons of confidentiality. If a solution can be found at a reasonable cost to remove such sites from the report, then we can accept this.

4. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why?

BGT do have concerns about this for reasons of confidentiality. If a solution can be found at a reasonable cost to remove such sites from the report, then we can accept this.

5. The Business requirements proposed by the Modification Group are as follows:

- Format of data: CDCA-I042 (unaltered)
- Granularity of data: half-hourly (as in unaltered CDCA-I042)
- Frequency of Reporting: data to be made available weekly in arrears
- Period of Availability: data to be available for 7 working days
- Historical Data: no requirement for historical data

Do you have any objections to or comments on the proposed business requirements? If so, what?

No Objection

6. The charging principles proposed by the Modification Group are as follows:

- Development Costs: annual charge (incl. admin charge), paid by each user in advance, based on overall development cost divided by the estimated number of non-BSC parties requesting the data
- Operational Costs: monthly charge incl. admin charge), paid by each user in advance, based on the monthly operational cost divided by the estimated number of non-BSC parties requesting the data

Do you have any objections to or comments on the proposed charging principles? If so, what?

No Objection

7. Are there any other comments you would like to make in connection with Modification Proposal P50?

No Objection

SEEBOARD

Please find attached our response to the above mentioned consultation. If you have any problems with the response, on behalf of SEEBOARD Energy Limited and SEEBOARD Power Networks plc, then please let me know.

Dave Morton
SEEBOARD
0190 328 3465

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

Allowing wider access to data, in a usable form, will promote understanding of NETA operational arrangements by potential new entrants and other interested players. This should help facilitate more effective competition.

2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence? If so, why?

We have, in general, no objection to this report going to non-BSC parties.

3. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?

We do have some concerns over this information being made available. If it were available customers at directly connected sites could consider that they have lost rights to the confidentiality of their data. This could lead to Data Protection Act problems.

4. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why

We have no issues with this data being made available.

5. The Business requirements proposed by the Modification Group are as follows:

- Format of data: CDCA-I042 (unaltered)
- Granularity of data: half-hourly (as in unaltered CDCA-I042)
- Frequency of Reporting: data to be made available weekly in arrears
- Period of Availability: data to be available for 7 working days
- Historical Data: no requirement for historical data

Do you have any objections to or comments on the proposed business requirements? If so, what?

We have no objections to these requirements. It would appear sensible to provide this data in its existing CDCA-I042 form on the basis that this is likely to be the cheapest solution.

6. The charging principles proposed by the Modification Group are as follows:

- Development Costs: annual charge (incl. admin charge), paid by each user in advance, based on overall development cost divided by the estimated number of non-BSC parties requesting the data
- Operational Costs: monthly charge incl. admin charge), paid by each user in advance, based on the monthly operational cost divided by the estimated number of non-BSC parties requesting the data

Do you have any objections to or comments on the proposed charging principles? If so, what?

We have no objections to these principles. However, there might be some difficulty in estimating the number of parties who will require this data. A classic "which came first the chicken or the egg" situation could arise in which interested parties are unable to confirm their interest because they have no prior knowledge of costs.

7. Are there any other comments you would like to make in connection with Modification Proposal P50?

No further comments.

LE Group

Response from London Electricity Group

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

We feel that this request for the BM Aggregation Report to be released to non-BSC parties has little relevance to the BSC Objectives. However we would agree that the wider distribution of the BM Unit Aggregation Report would increase market transparency, which may be considered to help the development of competitive markets.

2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence? If so, why?

We do not object to this data being made available, under license.

We would note that half-hourly FPN data is already publicly available, via the BRMA Website. It would be most helpful if UK Coal Mining Ltd. could be satisfied with this forecast data.

3. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?

No objections, but then it is not really appropriate for us to comment here.

4. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why.

No objections, but then it is not really appropriate for us to comment here.

5. The Business requirements proposed by the Modification Group.

We do not have any objection to or comments on the proposed business requirements.

6. The charging principles proposed by the Modifications Group.

We feel that UK Coal Mining Ltd is requesting a large amount of data. We would question if they are confident that they will make serious and consistent use of it. Due to this and what we regard as a weak link with the Applicable BSC Objectives, we would wish to see confirmation from the non-BSC Parties requesting this data, of their willingness to pay for the development and operation costs. In structuring these payments, consideration needs to be given to the possibility that the non-BSC Parties might cease to take the data at an early stage. I.e. we would suggest that the development costs be recovered at the outset.

This response is made on behalf of the following BSC Parties: London Electricity plc, SWEB Ltd, Jade Power Generation Ltd and Sutton Bridge Power Ltd.

Liz Anderson

Energy Strategy & Regulation Manager
London Electricity Group.
24 January 2002

Scottish & Southern Energy

This response is sent on behalf of Scottish and Southern Energy plc, Southern Electric, Keadby Generation Ltd. and SSE Energy Supply Ltd.

In regard to the Modification Proposal P50 and the paper issued on 10th January 2002, and in particular the consultation questions outlined in Appendix I; our comments are as follows:-

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

Whilst the effect may be small, on balance we believe this Modification would better facilitate the achievement of the applicable BSC objectives.

2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence? If so, why?

As long as the information divulged did not breach commercial confidentiality. In order to achieve this there should be an obligation on any non BSC party to observe the same confidentiality provisions as if he were a BSC Party.

3. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?

As long as the information divulged did not breach commercial confidentiality. In order to achieve this there should be an obligation on any non BSC party to observe the same confidentiality provisions as if he were a BSC Party.

4. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why?

As long as the information divulged did not breach commercial confidentiality. In order to achieve this there should be an obligation on any non BSC party to observe the same confidentiality provisions as if he were a BSC Party.

5. The Business requirements proposed by the Modification Group are as follows:

- (a) Format of data: CDCA-I042 (unaltered);
- (b) Granularity of data: half-hourly (as in unaltered CDCA-I042);
- (c) Frequency of Reporting: data to be made available weekly in arrears;
- (d) Period of Availability: data to be available for 7 working days; and
- (e) Historical Data: no requirement for historical data.

Do you have any objections to or comments on the proposed business requirements?
If so, what?

As long as the information divulged did not breach commercial confidentiality. In order to achieve this there should be an obligation on any non BSC party to observe the same confidentiality provisions as if he were a BSC Party.

6. The charging principles proposed by the Modification Group are as follows:
- (a) Development Costs: annual charge (incl. admin charge), paid by each user in advance, based on overall development cost divided by the estimated number of non-BSC parties requesting the data; and (b) Operational Costs: monthly charge (incl. admin charge), paid by each user in advance, based on the monthly operational cost divided by the estimated number of non-BSC parties requesting the data.

Do you have any objections to or comments on the proposed charging principles?
If so, what?

The BSC needs to reflect that a recipient of data should not be subsidised i.e. they pay their way if they are a non BSC party. The proposed charging regime appears to meet this principle.

7. Are there any other comments you would like to make in connection with Modification Proposal P50?

Nothing further at this time.

Regards
Garth Graham
Scottish & Southern Energy

ScottishPower

With reference to the above consultation, We do not support the Mod Proposal P50 on the basis of the following reasons: -

1. We are not convinced that this proposal promotes the applicable BSC 'promoting effective competition' Objective, particularly as our understanding is that the Proposer intends to use this data for internal commercial planning purposes. This indicates a rather tenuous link between the relevant BSC Objective and this proposal.
2. The issue of confidentiality - when individual BM unit's metered output data is available effectively to the Public Domain.

3. The cost of implementation – this Mod was a fall out of the P30 Mod Proposal when it was rejected by the Mod Group, the Panel and the Authority, for the reason that ‘the potential benefits did not justify the indicative implementation costs of making the Balancing Mechanism Unit Aggregation Report available’. We have not seen anything changed on this issue since its rejection.

I trust that you will find these comments helpful. Nonetheless, should you require further clarification of any of the above, please do not hesitate to contact me.

Yours Sincerely,

Man Kwong Liu

Calanais Ltd.

For and on behalf of: - **ScottishPower UK Plc.**

SP Manweb Plc.

ScottishPower Energy Trading Ltd.

ScottishPower Generation Ltd.

Scottish Power Energy Retail Ltd.

Emerald Power Generation Ltd.

SP Transmission Ltd.

Innogy plc

This constitutes the response to the P50 consultation for the Innogy Group, encompassing Innogy plc, Innogy Cogen Trading Ltd, Npower Ltd, Npower Direct Ltd, Npower Yorkshire Ltd, and Npower Northern Ltd.

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

No, the modification does not better facilitate the BSC Objectives. Since this does not change the information available to parties to the BSC, i.e. those trading within the wholesale arrangements, it does not better promote effective competition in the generation and sale of electricity.

2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence? If so, why?

Yes. The electricity usage of large directly connected customers is often an accurate indication of their current production schedules. This data will be highly sensitive within their primary markets, as it would enable competitors, often non-UK businesses, to understand how those businesses are being run. The publishing of this sensitive data could compromise their positions within their primary markets, and hence should remain confidential. This was seen as a serious issue within the initial drafting of the BSC, and should continue to be recognised as such.

3. **Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?**

Yes, see the above answer.

4. **Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why**

The same comments that apply to demand-side BM Units apply to Licence Exempt Generators, especially much CHP plant, from which electricity is a by-product of their main business.

5. **The Business requirements proposed by the Modification Group are as follows:**

- Format of data: CDCA-I042 (unaltered)
- Granularity of data: half-hourly (as in unaltered CDCA-I042)
- Frequency of Reporting: data to be made available weekly in arrears
- Period of Availability: data to be available for 7 working days
- Historical Data: no requirement for historical data

Do you have any objections to or comments on the proposed business requirements? If so, what?

The Proposer has stated that the data they require can be of much lower granularity than that proposed above. If these reports are to be made available, then this level of detail seems far too high.

6. **The charging principles proposed by the Modification Group are as follows:**

- Development Costs: annual charge (incl. admin charge), paid by each user in advance, based on overall development cost divided by the estimated number of non-BSC parties requesting the data
- Operational Costs: monthly charge (incl. admin charge), paid by each user in advance, based on the monthly operational cost divided by the estimated number of non-BSC parties requesting the data

Do you have any objections to or comments on the proposed charging principles? If so, what?

If this proposal is to be implemented, then those non-BSC parties who wish access to this confidential data should cover the costs of the provision of this data.

7. **Are there any other comments you would like to make in connection with Modification Proposal P50?**

Innogy believe that this modification is outside the scope of the BSC and as such, should be rejected. The Proposer should seek to acquire the data bilaterally from those parties

in whom they are interested, with whom they presumably have pre-existing contractual arrangements, without having to compromising the position of other parties with their primary markets.

Powergen UK plc

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

Whilst we do not have a fundamental problem with this data being circulated to others who are not BSC Parties, it is not entirely clear why the proposal further meets the relevant BSC objectives.

2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence? If so, why?

If all BSC Parties have access to the data then it is difficult to see an objection to non-BSC Parties receiving it, apart from:

- If it leads to a breach of intellectual property rights
- If it leads to excessive cost for BSC Parties.
- For the potential reasons in paragraphs 3 and 4 below.

We would advise that Elexon seeks a legal opinion on this matter.

3. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?

We originally had concerns about the release of the directly connected customer consumption data to BSC Parties. However, it can be argued that this should only be used for the purposes of electricity supply. When the information is put into the wider domain the competitors of those customers can use the data for purposes unrelated to the electricity industry. This would be fine if the decision to do so was made by the customers concerned. For a third party to do so on their behalf seems inappropriate.

4. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why?

This is a similar position to that of directly connected customers. Licence Exempt Generators in this context have opted out of the BSC arrangements and operate through a supplier who is a BSC Party. They have opted to use the supplier with an expectation about who will have access to their output data. For third parties to decide that this information can go into the wider domain seems inappropriate.

5. The Business requirements proposed by the Modification Group are as follows:

- Format of data: CDCA-I042 (unaltered)
- Granularity of data: half-hourly (as in unaltered CDCA-I042)
- Frequency of Reporting: data to be made available weekly in arrears
- Period of Availability: data to be available for 7 working days
- Historical Data: no requirement for historical data

Do you have any objections to or comments on the proposed business requirements? If so, what?

No.

6. The charging principles proposed by the Modification Group are as follows:

- Development Costs: annual charge (incl. admin charge), paid by each user in advance, based on overall development cost divided by the estimated number of non-BSC parties requesting the data
- Operational Costs: monthly charge incl. admin charge), paid by each user in advance, based on the monthly operational cost divided by the estimated number of non-BSC parties requesting the data

Do you have any objections to or comments on the proposed charging principles? If so, what?

No.

7. Are there any other comments you would like to make in connection with Modification Proposal P50?

No.

British Energy

Response from Martin Mate / Rachel Ace on behalf of :

- British Energy Power and Energy Trading Ltd
- British Energy Generation Ltd
- Eggborough Power Ltd

Please answer the following questions as fully as possible to facilitate the assessment of Modification Proposal P50.

1. Would Modification Proposal P50 better facilitate achievement of the Applicable BSC Objectives? And if so, why?

It is not obvious that the BSC objectives would be better met. Competition in wholesale electricity purchase and sale requires participation in the market. Visibility of prices and other market related data may promote derivative trading by non-parties, but it is less obvious that details of individual participants metering will assist this.

- 2. The BM Aggregation Report is currently confidential to BSC Parties. Would you have any objection to the report being made available to non-BSC parties under licence? If so, why?**

Full costs of providing such data should be recovered from those requesting it. The integrity and cost of existing systems and services available to parties should not be compromised.

- 3. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of directly connected sites being made available to non-BSC parties? If so, why?**

There is a possibility that the non-BSC Parties which own such directly connected sites would object on the basis that commercially sensitive information about their business activity could be made available. Electricity generators are more accustomed to this situation than most other industries.

- 4. Would you have any specific objections to the data contained within the BM Aggregation Report associated with the BM Units of Licence Exempt Generators being made available to non-BSC parties? If so, why?**

No comment.

- 5. The Business requirements proposed by the Modification Group are as follows:**

- Format of data: CDCA-I042 (unaltered)
- Granularity of data: half-hourly (as in unaltered CDCA-I042)
- Frequency of Reporting: data to be made available weekly in arrears
- Period of Availability: data to be available for 7 working days
- Historical Data: no requirement for historical data

Do you have any objections to or comments on the proposed business requirements? If so, what?

No comment.

- 6. The charging principles proposed by the Modification Group are as follows:**

- Development Costs: annual charge (incl. admin charge), paid by each user in advance, based on overall development cost divided by the estimated number of non-BSC parties requesting the data
- Operational Costs: monthly charge incl. admin charge), paid by each user in advance, based on the monthly operational cost divided by the estimated number of non-BSC parties requesting the data

**Do you have any objections to or comments on the proposed charging principles?
If so, what?**

The charge should be based on the actual number of users committed to/and or using the service, not an estimated number. There should be no possibility of BSCCo costs remaining unrecovered because of users "dropping out".

7. Are there any other comments you would like to make in connection with Modification Proposal P50?

No.

APPENDIX II: BSC CENTRAL SERVICE AGENT IMPACT ASSESSMENT FOR THE ORIGINAL MODIFICATION

NETA Change Form	MP/CP/TP No: P50
	Logica reference: ICR321
Title: Distribution of BM Aggregation Report Data to non-BSC Parties	
Identified by: Kathryn Coffin	Date received: 16/1/02

Statement of requirement
Baseline affected: None
Assumed changes over baseline: NETA Service Definition Baseline (v1.0)
Description of Change: To make the BM Unit Aggregation Report (CDCA-I042) data available to non-BSC parties on a weekly basis, in arrears.
Proposed solution: It is proposed that a copy of the file is issued to the Low Grade FTP server in compressed form and with a suitably constructed name. Authorised users would then be able to collect the file via FTP either directly or through a Browser link from the BMRS. Access would be granted through a defined username and password issued per participant. This is the same mechanism that was proposed within CP712, which also requires the distribution of a large file to a user base on demand.
Justification for Change: To promote effective competition in the generation and supply of electricity.
Proposed changes to Service Levels: None
Proposed changes to the Agreement: None
Attachments/references: Requirements Specification to Support Modification P50 (MP50 DLIA) Version 1.0

To be completed by Logica			
	High Level Impact Assessment	Detailed Level Impact Assessment	Quotation
Tick which stage is being completed:		✓	
Signed by Logica Contract Manager:			
Date:		31/01/2002	
HLIA category: Small/Medium/Large/Other		Price for DLIA:	
If this is a Quotation, are consequential modifications needed to the DLIA? n/a.			

Logica's proposal**Logica's understanding of the requirement:**

The modification proposal allows for the CDCA I042 report to be placed into a directory on the FTP low grade server.

Logica's proposed design solution:

Logica's preferred solution, from the point of view of accessibility to the data would be Option B. While this is more expensive than Option A (which does not have access through the BMRS) it provides the facilities to both download the information through a web browser as well as allow participants to access the files through conventional FTP.

To implement the Option B functionality, a new scanner would be constructed. The current output scanner can be configured to send a NETA report (such as that required in CP712 and P50) to a directory on the FTP server, though the target resultant file would bear the same name as the original file. This would result in requestors having to search through each file for the one corresponding to the date required to find the correct file.

It would be better for the deposited files to have a filename constructed from the date to which the file related, the file type and potentially settlement / aggregation run ID. This would make finding a specific file much easier. In addition to this functionality, it would be advantageous to compress the files using standard compression tools. This not only saves disk space on the low grade server, but also means that when retrieving the required files, the file is smaller when transferred over the internet and thus download time is quicker. These two requirements form the basis for construction of the new scanner, which forms the bulk of the development effort for P50 and CP 712.

Although P50 and CP 712 require this same scanner their functionality differ in one important aspect, namely that P50 requests access be given to non-BSC Parties (who are authorised to retrieve the file), while CP712 was for access to be granted to BSC Parties. It will be necessary for additional amendments be incorporated to the low grade BMRS as part of this change. The BMRS forms the data source for public data. It is thus logical that access to the CDCA flow (in P50) be linked to the BMRS in some way.

It is proposed that an existing (appropriate) BMRS page is amended with a hyper link that could be followed towards the low grade FTP server. On selecting this link, a login page would be presented. If the accessor has a valid username and password, these may be entered, whereupon the browser is redirected to the FTP directory and the browser's protocol changed to FTP rather than HTTP. In this way, the browser simply presents a list of files (or icons) that can be downloaded.

If the user does not have a valid username and password, then the login page would contain a hyper link / e-mail link to ELEXON so that they can register (and then ultimately pay - should that be ELEXON's desire) for access to the file service.

Once ELEXON receive and process the application for access, a username and password would be issued by Logica to grant access.

This mechanism for access has three advantages:

1. It links the BMRS (public) data to the file, thus making access intuitive.
2. It enables ELEXON to track (and charge if appropriate) access in a simple manner.
- 3. It extends the functionality of the BMRS at a low cost.**

Implementation of P50 thus requires the following processes:

- 1. A new bespoke scanner to compress, rename and send the file to a directory on the FTP server.**

2. An amendment to an existing BMRS page.
3. A new BMRS log in access page.
4. A process within ELEXON for receiving requests for access to the FTP area.
5. **A process within Logica for setting up and maintaining FTP user accounts for individual applicants against the FTP directory.**

Whereas the cost for elements 1 - 3 is incorporated within this DLIA, the cost for element 5 would be an ongoing cost, estimated at 1/2 man day / applicant per year (to cover setting up and regular changes to passwords on the FTP account).

Option A (without the access through the BMRS), would present the same solution in respect of delivery of the CDCA files to the Low Grade FTP server, however the following functionality would be omitted.

1. No existing BMRS page would be amended. E.g. there would not be a link to the download area.
2. No new page (the log-on and help page) would be developed.

While the removal of this functionality enables a lower cost for the Proposal to be presented, it should be remembered that by removing the log-in page (which allows new applicants to see that this data is now available and to be diverted to ELEXON), an alternative way of publishing the availability of this data may be required.

Consequential changes to Project Deliverables:

BMRA, CDCA, COMMS

Consequential impact on BSC Service Users or Other Service Providers:

Testing strategy:

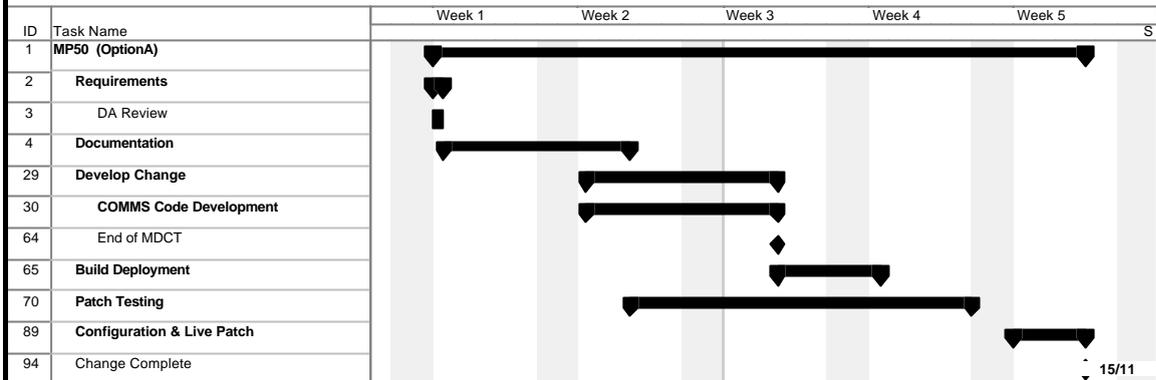
Testing will only be performed on our own system with external interfaces being simulated as necessary. No allowance has been made for testing with external systems.

Management plan for developing the Change:

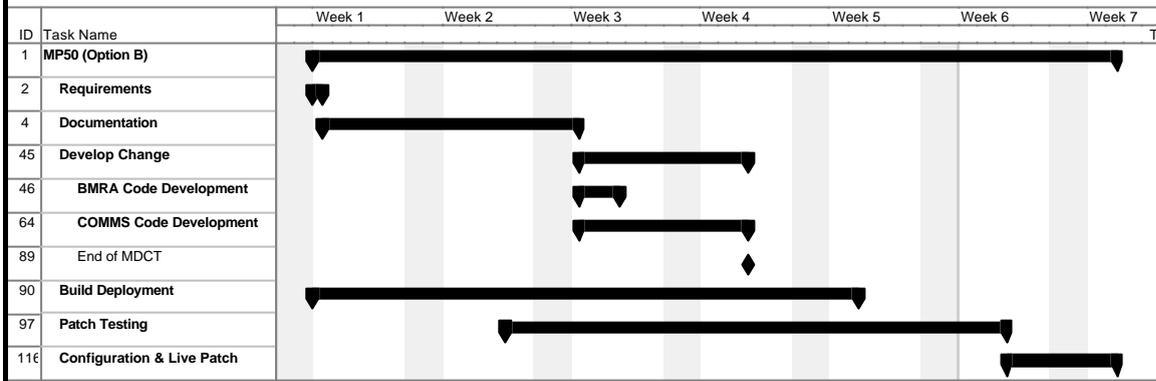
The proposed solution provides the C0421 flow on the public low grade FTP server on a daily basis. The file will be issued once from NETA to a dummy' participant, whereupon it will be compressed using standard Unix compression tools and renamed (based upon the date to which it relates). The file will subsequently be transferred to the low grade server into a directory that may be accessed by all participants. In this manner, only one copy of the file is ever generated per day, and participants may receive it on demand by downloading it.

Project plan for developing the Change:

Option A (duration 5 weeks)



Option B (duration 6 weeks)



Method of deployment:

Patch	Is a planned outage required? No
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Price for Design and Build:

Item description:	Price	Type of price:
Option A (CDCA make CDCA-I042 available via Low Grade Service)	£60,700	Fixed
Option B (BMRA make CDCA-I042 available via BMRS Website)	£86,000	Fixed

Price for Operate and Maintain:

Item description:	Price	Type of price:
Operate	£0	Fixed

Maintain		
Option A	£708	Fixed
Option B	£1003	Fixed
If this is a DLIA or Quotation, is a price breakdown in the agreed format attached? Yes		
Terms attaching to the offer		
<ol style="list-style-type: none"> Price does not include includes provision for indexation of daily fee rates with effect from 1st April 2002, No allowance has been made for ELEXON witness testing There will be no change to existing Service Levels The Maintain charge has been estimated as a proportion of the price At least one BMRS page would be modified to provide a link from the service to the data access area. 		
Validity period of offer: 30 days		Type of offer: Firm
Assumed start date: 4th March 2002		
Payment milestones: Logica will invoice in full for this change on deployment, or within one month of the change being read for deployment		
Document turnaround time: 5 days		
Impact on Service Levels: None		
Impact on performance of the System: None		
Other terms:		
If this is a Quotation, is a draft contract amendment attached? n/a		
Responsibilities of ELEXON:		
Assumptions made by Logica:		
<ol style="list-style-type: none"> Price does not include provision for indexation of daily rates with effect from 1st April 2002. The Service Description for BMRA and CDCA will have been updated by ELEXON and agreed with Logica prior to commencement of work. For all formal documentation which is subject to review, Logica shall provide one draft issue and a maximum of 5 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 the price. Within reasonable levels, ELEXON will make available appropriate staff to assist Logica during the development of this change. 		

Options and alternatives:

1. If this proposal is accepted a considerable cost saving could be made in the implementation of CP712. In essence, the bespoke development costs would be shared, adding only additional maintenance and operating costs.
2. The assessment is independent of the BMRS Additional reporting / data warehouse proposal. If this was accepted, this would provide all necessary functionality for this Modification Proposal.