

Meeting name	Imbalance Settlement Group (ISG)
Date of meeting	23 June 2009
Paper title	Change Proposal Progression
Purpose of paper	For Decision
Synopsis	This paper provides: <ul style="list-style-type: none"> • a Change Proposal (CP) for decision; and • details of the status of all Open Draft Change Proposals (DCPs) and Change Proposals (CPs).

1 Introduction

1.1 This paper provides details of Change Proposal 1289 for you to consider and agree its progression. ELEXON issued CP1289 for Party/Party Agent impact assessment via Change Proposal Circular (CPC) 00661. In light of this assessment ELEXON invites the ISG to decide whether to approve or reject the CP.

2 CP1289 – Correction to the Level 4 password requirement in Code of Practice 2

2.1 We raised CP1289 on 01 May 2009. CP1289 aims to align the Level 4 password requirements in Codes of Practice (CoP) 2 with that of CoP1. Doing so will make the Level 4 password requirements in CoPs 1, 2 and BSCP601 consistent and will prevent confusion, particularly for new participants.

2.2 We received 9 consultation responses; of these 7 agreed and 2 were neutral. Respondents believed that the change would remove any confusion that may arise as a result of the inconsistent password requirements. No comments were made on the proposed redline text.

2.3 We recommend, based on CP1289 aligning the Level 4 password requirements of CoP2 with CoP1 and BSCP601, and majority industry support, that you:

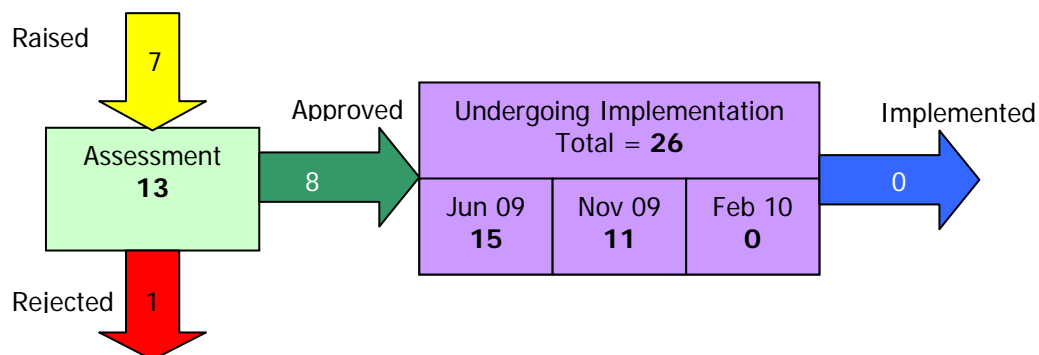
- **APPROVE** CP1289 for implementation in the November 2009.

2.4 Implementation Costs

	BSC Agent (Demand Led)	ELEXON Operational		Total		Impacts
	Cost	Man Days	Cost	Cost	Tolerance	
CP1289	£0	1.25	£275	£275	10%	CoP2

3 Summary of Open Change Proposals

3.1 There are currently **39** open CPs, ISG own **4** CPs, SVG and ISG co-own **11** CPs, and SVG own the remaining 24 CPs. 7 new CPs have been raised since the last ISG meeting. Details of the new CPs are provided in Appendix 2 on page 7.



Please note:

- The numbers in the boxes indicate the number of CPs in a given phase.
- The numbers in arrows show the variance in the past month.

3.2 There are currently 4 open DCPs, all of which have been raised since the last ISG meeting. Details of the new DCPs are provided in Appendix 2 on page 6.

4 Recommendations

4.1 The ISG is invited to:

- APPROVE** CP1289 for inclusion in the November 2009 Release; and
- NOTE** the status of all open Draft Change Proposals and Change Proposals.

David Barber

ELEXON Change Delivery

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List of Appendices:

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List of Attachments:

Attachment A – CP1289 – CoP2 redlined

Appendix 1 – Detailed Analysis of CP1289 - Correction to the Level 4 password requirement in Code of Practice 2

1 Why Change?

1.1 Background

1.2 We raised CP1289 on 01 May 2009. We issued CP1289 for impact assessment (via CPC00661) in May 2009.

1.3 The Problem

1.4 A Code of Practice (CoP) 1 and 2 review in 2005, suggested a number of changes to CoP1 and 2, which were brought about CP1051¹.

1.5 The ISG approved CP1051 v3.0, and it was implemented in February 2006. The summary of changes to CoP1 and CoP2 as recommended by CoP1 and 2 Review Group, is available on the [CP1051 webpage](#).

1.6 One of the recommended changes for both CoPs was the inclusion of a new security regime for Meters with integral Outstations, to prevent unauthorised access to the data in the Metering Equipment. This new security regime introduced 4 password levels for retrieving and/or programming various metering parameters.

1.7 However, due to an omission of the words '[other than](#)' during the implementation of changes into CoP2 Section 5.6 iv. c), the Level 4 password requirement for programming complex compensation factors appear to be identical to the Level 3 requirement (Section 5.6 iii. c)) for constant compensation factors.

1.8 This is demonstrated with reference to the extracts from CoP2 below (the words '[other than](#)' are highlighted as they do not exist in the current CoP2 text):

- A level 3 password is needed when a Meter needs to be compensated for any measurement transformer errors and/or system losses, and this compensation factor is a constant factor applied over a Meter's entire dynamic range.
- A level 4 password is needed when a Meter needs to be compensated for any measurement transformer errors and/or system losses, and this compensation factor is '[other than](#)' a single (constant) factor (in other words, a complex factor). However, level 4 access can also be facilitated by breaking a seal on the Meter.

1.9 BSCP601 'Metering Protocol Approval and Compliance Testing', which contains the test requirements used by the compliance testing agent to confirm Metering Equipment compliance, is not impacted; as it already contains the correct test to check that complex compensation factors are applied via a Level 4 password (or by breaking a seal on the Meter).

2 Solution

2.1 Amend CoP2 Section 5.6 iv. c) to reflect the original intention of the CoP1 and 2 Review Group and to make it consistent with CoP1 Section 5.6 iv. c). i.e. the addition of the words

¹ CP1051 - Review of Metering Code of Practice 1 'The Metering of Circuits with a Rated Capacity exceeding 100MVA for Settlement Purposes' and Code of Practice 2 'Code of Practice for the Metering of Circuits with a rated Capacity not exceeding 100 MVA for settlement purposes'

'other than' to section 5.6 iv. c). as indicated in the second bullet point in section 1.8, above.

3 Intended Benefits

3.1 The CoP1 and 2 review intended for the Level 4 password requirements in CoPs1 and 2 to be the same. Making this change will ensure that CoPs 1 and 2 and BSCP601 are consistent. We believe that this change will clarify obligations and prevent confusion, particularly for new participants.

4 Industry Views

4.1 We issued CP1289 for impact assessment in May 2009 (via CPC00661). We received 9 responses; of these 7 agreed and 2 were neutral.

4.2 A respondent stated that the password requirements of CoP2 should be aligned with CoP1 and that this change would remove any potential for confusion with respect to password requirements.

4.3 Respondents made no further comments on this change.

5 Impacts and Costs

Market Participant	Cost/Impact	Implementation time needed
ELEXON (Implementation)	Approximately 1.25 Working Days, which is equivalent to £275.	November Release suitable
BSC Parties and Party Agents	All respondents except one indicated that they would not be impacted by this change. One respondent highlighted that they would need to make some minor changes to internal documents.	Zero Working Days, November Release suitable

6 Implementation Approach

6.1 We recommend that CP1289 is included for implementation in November 2009, as this is the next available release.

7 Recommendation

7.1 We recommend, based on CP1289 aligning the Level 4 password requirements of CoP2 with CoP1 and BSCP601, and majority industry support, that you:

- **APPROVE** CP1289 for implementation in the November 2009.

Sherwin Cotta

ELEXON Change Assessment

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Table 1: Industry Impact Assessment Summary for CP1289 – Correction to the Level 4 password requirement in Code of Practice 2

IA History CPC number	CPC00661	Impacts	CoP2	
Organisation	Capacity in which Organisation operates in		Agree?	Days to Implement
EON	NORW, EELX, EENG, EMEB, PGEN		Yes	-
British Energy	Generator, Supplier, Trader Non-Physical		Yes	-
EDF Energy	Supplier, NHH Agents and HH MOP		Yes	-
E.ON UK Energy Services Limited	MOA HNH DC/DA		Yes	-
ScottishPower	Supplier, LDSO, HHDA, NHHDA, HHDC, NHHDC, HHMOA, NHHMOA		Yes	-
NPower Limited	Supplier, Supplier Agents		Yes	-
Scottish and Southern Energy	Supplier/Generator/ Trader / Party Agent / Distributor		Yes	0
TMA data Management Ltd	HHDC, HHDA, NHHDC, NHHDA		Neutral	-
IPNL	LDSO, SMRA, UMSO		Neutral	-

Table 2: Impact Assessment Responses²

Organisation	Agree?	Comments	Impacted?	ELEXON Response
NPower Limited	Yes	Process Impact Only	-	Response noted
E.ON U.K. Energy Service Ltd	Yes	Comment: The changes outlined will remove the potential for confusion.	No	Response noted
ScottishPower	Yes	Impact: Updates to internal documentation and processes.	Yes	Response noted

Table 3: Comments on the redline text

We didn't receive any comments on the redline text.

² Please note that we have only included responses in this table where the respondent provided additional information.

Appendix 2 – New Draft Change Proposals and Change ProposalsNew Draft Change Proposals

DCP	CVA/SVA	Title	Description	Raised
0041	SVA	Clarifications to Gross Volume Correction (GVC) Process	ELEXON has raised DCP0041 with input from the Gross Volume Correction (GVC) working group. DCP0041 is proposing 6 changes to BSCP504 to add clarity to when GVC can be applied.	05/06/09
0042	SVA	Replacing Erroneous Forward Looking EACs	ELEXON has raised DCP0042 with input from the GVC working group. DCP0042 suggests 4 mutually exclusive options to clarify the circumstances in which EAC's can be replaced, to achieve greater consistency in the application of the process. DCP0042 also suggest 5 mutually exclusive options around extending the EAC replacement to the Final Reconciliation (RF) deeming process.	05/06/09
0043	SVA	Use of Gross Volume Correction in Post Final Settlement Runs (PFSR)	ELEXON has raised DCP0043 with input from the GVC working group. DCP0043 has been raised to explore three options that will ensure that Suppliers and NHHDCs apply GVC consistently in the event of a Post Final Settlement Run (PFSR).	05/06/09
0044	SVA	Changes to Long Term Vacant (LTV) Site process where a reading is obtained via a warrant	ELEXON raised DCP0044 to progress one of the outcomes of BSCP40 issue 0004 'Improvements and Clarifications to the LTV Site Process'. Currently, when a reading is obtained via a warrant, a LTV site is removed from the LTV process (because a read has been obtained). When the site re-enters the LTV site process, the deemed read will be based on a positive EAC, which is likely to be inaccurate. This can lead to an error in Settlement. DCP0044 proposes two options to resolve these issues.	05/06/09

New Change Proposals

CP	CVA/ SVA	Title	Description	Raised
1294	SVA	Housekeeping Change to SVA Data Catalogue Volume 2	<p>CP1269 'Publication of Additional Non Half Hourly Combination Data in Market Domain Data' was approved by the SVG on 3 March 2009 for implementation in the November 2009 Release.</p> <p>CP1269 introduces the following 3 new data items into the D0269 'Market Domain Data Complete Set' and D0270 'Market Domain Data Incremental Set' flows:</p> <ul style="list-style-type: none"> • Effective From Settlement Date {VMTCLSPC}; • Effective To Settlement Date {VMTCLSPC}; and • Preserved Tariff Indicator. <p>All of these 3 data items will be included in the Data Transfer Catalogue (DTC) through DTC CP3300, which the MRA Development Board (MDB) has approved for a parallel implementation with CP1269.</p> <p>However, the approved redlined changes for CP1269 only added the Preserved Tariff Indicator to the data item index in Volume 2 of the SVA Data Catalogue. The new Effective From Settlement Date {VMTCLSPC} and Effective To Settlement Date {VMTCLSPC} were unintentionally omitted from this document, CP1294 proposes adding them.</p> <p>This is a minor consistency change, required to prevent confusion, promote clarity and help achieve the full intention of CP1269.</p>	05/06/09
1295	SVA	Process for distribution of MDD Updates not included in D0269/D0270 flows	<p>Currently the majority of MDD updates are sent over the DTN. Certain MDD updates are sent separately as MS Word documents via email, and include:</p> <ul style="list-style-type: none"> • GSP Group Profile Class Default EACs (GGPCDEAC) – currently sent to NHHDA's; • GSP Group Profile Class Tolerances – currently sent to NHHDCs and Suppliers; and • HH Default EACs – currently sent to HHDA's, HHDCs, Suppliers and LDSOs. <p>These values have historically not been changed often and separately have not warranted a change to include them in the MDD update flows. However it has come to ELEXON's attention that several participants are not receiving this information and are not aware that they should be receiving this information.</p> <p>In order to resolve this issue, ELEXON has raised CP1295 which proposes that:</p> <ul style="list-style-type: none"> • it is highlighted (in BSCP505, BSCP508 and the SVA Data Catalogue) that NHHDA's will be 	05/06/09

CP	CVA/ SVA	Title	Description	Raised
			<p>issued GGPCDEAC data via email; and</p> <ul style="list-style-type: none"> ELEXON provide SQL scripts to facilitate the loading of this data. 	
1296	CVA /SVA	Mandatory Capability to Record Reactive Power Demand (kvar) Values in Code of Practice 5 (CoP5) Meters	<p>Following a Working Group on Absent and Erroneous Reactive Power Data ELEXON has raised CP1296. This is one of 4 CPs (1296, 1297, 1298 and 1299) which have resulted from the group's work.</p> <p>CP1296 recommends an amendment to Code of Practice 5 (CoP5), to require that the Meter has the capability to record Demand (kvar) values for Reactive Import and Reactive Export.</p>	05/06/09
1297	CVA /SVA	Mandatory Capability to Record Reactive Power Demand (kvar) Values in Code of Practice 10 (CoP10) Meters	ELEXON has raised CP1297, which recommends an amendment to Code of Practice 10 (CoP10), to require that the Meter has the capability to record Demand (kvar) values for Reactive Import and Reactive Export.	05/06/09
1298	SVA	Requirement on MOAs to Configure Meters to Record Half Hourly Reactive Power Data (for Half Hourly Settled CT-Metered Customers)	ELEXON has raised CP1298 which recommends the amendment of BSCP514. The change will place a specific obligation on MOAs. When they install or reconfigure Half Hourly Metering Equipment that is supplied via measurement transformers, they should configure the Metering Equipment to record Half Hourly demand values for both Reactive Import and Reactive Export (provided that the Metering Equipment has the capability to do so).	05/06/09
1299	SVA	Requirement on Half Hourly Data Collectors to Collect and Report Reactive Power Data (where the Meter is configured to record it)	ELEXON has raised CP1299 which recommends that the current requirement in BSCP502 relating to collection of Reactive Power data should be strengthened to oblige the HHDC to collect and report Reactive Power data, where the MOA has so configured the Meter. This change will be largely formalising an existing practice.	05/06/09
1300	SVA	System changes to support Change of Market Participant ID for the SVA Agent and MDD Agent Roles from 'CAPG' to 'SVAA'	<p>ELEXON has raised CP1300 with the support of the SVG, which proposes changing the Market Participant ID (MPID) for the SVA Agent and MDD Agent roles from 'CAPG' to 'SVAA'.</p> <p>Whilst the change from 'CAPG' to 'SVAA' is a relatively simple MDD change, ELEXON recognises there are many potential impacts on BSC systems and BSC Party systems and processes.</p>	05/06/09

Appendix 3 – Release Information

Key to Release Plan

Change Proposals and Modification Proposals in **BLACK** text represents SVA changes, **RED** text represents CVA changes and **BLUE** text represents changes which impact both the SVA and CVA arrangements.

The Authority decision dates are provided in the following format:	
P	Modification Proposal number
(< date)	Date by which a determination must be made by the Authority in order for the Modification Proposal to be implemented within the indicated release
Pro✓/Pro✘	Indicates that the Panel's recommendation to the Authority was to Approve/Reject the proposed Modification
Alt✓/Alt✘	Indicates that the Panel's recommendation to the Authority was to Approve/Reject the Alternative Modification

		Release Date			
		June 2009 Scope (Imp. Date 25 Jun 09)	November 2009 Scope (Imp. Date 05 Nov 09)	February 2010 Scope (Imp. Date 25 Feb 10)	Standalone Releases
Change Proposals	Pending		1288, 1289, 1290, 1291, 1292, 1294	1267 v2.0, 1295, 1296, 1297, 1298, 1299, 1300	There are currently no changes in a stand alone release.
	Approved	1249 v2.0, 1256, 1257, 1259, 1264, 1265, 1266, 1268, 1270, 1271, 1272, 1273, 1274, 1277, 1279	1248 v2.0, 1269, 1275 v2.0, 1278 v2.0, 1281, 1283, 1284, 1285, 1286, 1287, 1293		
Modifications	Pending	P230 Pro✓,		Currently there are no Modifications targeted at this Release.	
	Approved	P215 Alt✓, P226 Pro✓, P222 Alt✘, P233 Pro✓	P217 Alt✓, P223 Alt✓, P234 Pro✓		
Updates		The June 2009 Release is progressing to time and quality. All documentation has now been approved for the Release, including BSCP33 which went to the Panel on 14 May 2009. The software changes are progressing to plan, and Operational Acceptance Testing is currently underway.	The November 2009 Release is currently progressing to time and quality. We held an industry walkthrough for P223 and have issued the updated Code Subsidiary Documents (CSDs) and Configurable Items (CIs) for industry review. The CSDs and CIs for P217 are also currently out for industry review. The updated documents will be taken for Committee approval in the next few months. All changes for the November 09 Release will be implemented on 5 November 2009, with the exception of P223 which has an implementation date of 1 December 2009.		

Final CP Scope of the June 2009 Release

CP	Title	Impacts	Demand Led Cost	ELEXON Operational		Total
				Man Days	Cost	
CP1249 v2.0	Correcting MDDM and SVAA Terminology	SVA Data Catalogue vol. 1 and 2.	£0	2	£440	£440
CP1256	Action on Backdated D0052 flows	BSCP504, BSCP520	£0	4	£880	£880
CP1257	Calculation of EAC for Temporary Supplies	BSCP520	£0	2	£440	£440
CP1259	Distributor-Supplier Notification where a Site is capable of Exporting (microgeneration)	BSCP515, SVA Data Catalogue Volume 1	£0	3	£660	£660
CP1264	Clarification of Password Requirements in the Codes of Practice	CoP1, CoP1, CoP3, CoP5, CoP6, CoP7, BSCP601	£0	2	£440	£440
CP1265	Technical Assurance Documentation Changes Following Review	SVA and CVA TAA Service Descriptions, CVA Data Catalogue, CVA Data Catalogue Annex A, BSCP27, BSCP535, NETA IDD Part 1 and Part 2	£870	4.5	£990	£1,860
CP1266	Updates and Refinements to BSCP504	BSCP504	£0	1.5	£330	£330
CP1268	Publication of new Funds Administration Agent (FAA) Service Description	FAA Service Description	£0	1	£220	£220
CP1270	Improvements to the MDD Process	BSCP509, BSCP509 Appendix	£0	3.5	£770	£770
CP1271	Align Market Domain Data (MDD) Approval Timetable to SVG Meetings	BSCP509	£0	10	£2,200	£2,200
CP1272	Use of Appointment and Termination Flows in Unmetered Supplies (UMS)	BSCP501, BSCP520	£0	3	£660	£660
CP1273	Changes to the scope of CoP10 to cover current transformer operated Meters	CoP10, BSCP601	£0	4	£880	£880
CP1274	Transfer of Meter Technical Details	BSCP504, BSCP514	£0	2	£440	£660
CP1277	Change to UMS Charge code Approval Process	BSCP520	£0	6	£1,320	£1,320
CP1279	Housekeeping Change to BSCP515 – Licensed Distribution	BSCP515	£0	0	£0	£0
Total³			£870	48.5	£10,670	£11,540

³ A Tolerance of 20% applies for both Demand Led costs and ELEXON Operational Costs

Draft CP Scope of the November 2009 Release

CP	Title	Impacts	BSC Agent (Demand Led)	ELEXON Operational		Total
				Man Days	Cost	
CP1248 v2.0	Early release of Meter Technical Details by the Non Half Hourly Meter Operator Agent	BSCP514, BSCP533 Appendix A and BSCP533 Appendix B	£4,200	3	£700	£4,900
CP1269	Publication of Additional Non Half Hourly Combination Data in Market Domain Data	BSCP509, BSCP509 Appendix, SVA Data Catalogue Vol. 1 and Vol. 2	£73,775	57	£12,540	£86,315
CP1275 v2.0	Supplier Agents – Access to Meter Protocols	CoP10, BSCP601	£0	2.5	£550	£550
CP1278 v2.0	Streamlining the SVA Standing Data Change Process	BSCP507, BSCP537 Appendix 1	£0	3.75	£825	£825
CP1281	Revenue Protection: requiring NHHDC to send EAC/AA data to the Supplier via the DTC.	BSCP504	£0	1	£220	£220
CP1283	Revisions to data correction processes in BSCP18	BSCP18, NETA IDD Part 2	£1,365	2	£440	£1,805
CP1284	Ability for Third Parties to raise Change Proposals and replacement of energywatch with National Consumer Council	BSCP40, PrA Service Description, Teleswitch Agent Service description	£0	2.5	£550	£550
CP1285	Unmetered Supplies: Clarification of Central Management System requirements	BSCP520	£0	1	£220	£220
CP1286	BSCP18 Operational Review: Additional flag in Transmission Company's BOAL file to indicate an amended Bid-Offer Acceptance	NETA IDD Part 2, BMRA URS, SAA URS	£0	2.5	£550	£550
CP1287	Correction of inconsistencies in BSCP536 'Supplier Charges'	BSCP536	£1,998	3	£660	£2,658
CP1293	Housekeeping changes to BSCP537 Appendix 1 – Self Assessment Document (SAD)	BSCP537 Appendix 1	£0	0	£0	£0
Total⁴			£81,338	77.25	£17,255	£98,593

⁴ A Tolerance of 20% applies for both Demand Led costs and ELEXON Operational Costs



CP1289 Attachment A - Proposed changes to Code of Practice 2

The addition of 'other than' into CoP2 Section 5.6(iv)'Level 4 Password for' c).

5.6 Communications

For integral Outstations: Outstation(s) shall provide both local and remote interrogation facilities, from separate ports.

To prevent unauthorised access to the data in the Metering Equipment a security scheme, as defined below and in Appendix D, shall be incorporated for both local and remote access. Separate security levels shall be provided for the following activities:

(i) Level 1 Password for:

Read-only access to the following metering data, which shall be transferable on request during the interrogation process:

- a) Outstation ID;
- b) Demand Values as defined in clause 4.1.2;
- c) Cumulative measured quantities as defined in clause 4.1.1;
- d) Maximum Demand (MD) for kW/MW or kVA/MVA as appropriate (as defined by the Registrant) per programmable charging period i.e. monthly or statistical review period;
- e) Multi-rate cumulative Active Energy as specified by the Registrant;
- f) Measurement transformer ratios, where appropriate (see clause 5.3)
- g) Measurement transformer error correction factor and/or system loss factor, where this is a constant factor applied to the entire dynamic range of the Meter and the Meter is combined with the display and/or Outstation;
- h) Alarm indications; and
- i) Outstation time and date.

(ii) Level 2 Password for:

- a) Corrections to Outstation time and/or date; and
- b) Resetting of the MD

(iii) Level 3 Password for:

Programming of:

- a) The Displays and Facilities as defined in clause 5.4;
- b) Measurement transformer ratios, as appropriate (see clause 5.3);
- c) Measurement transformer error correction factor and/or system loss factor, where this is a constant factor applied to the entire dynamic range of the Meter and the Meter is combined with the display and/or Outstation; and
- d) The Passwords for levels 1, 2 and 3;

In addition it shall be possible to read additional information within the Metering Equipment to enable the programmed information to be confirmed.

(iv) Level 4 Password for¹:

- a) Calibration of the Metering Equipment;
- b) Setting the measurement transformer ratios, where appropriate (see clause 5.3);
- c) Setting the measurement transformer error correction and/or system loss factors where this is other than a single factor; and
- d) Programming the level 3 Password and the level 4 Password, if appropriate.

In addition to the functions specified for each level it shall be feasible to undertake functions at the preceding level(s). E.g. at level 3 it shall also be possible to carry out the functions specified at levels 1 and 2. This need not apply at level 4 when access is obtained via removing the cover. Different Passwords shall be utilised for each level, which shall only be circulated in accordance with the relevant BSC Procedure.

For separate Outstations: A Password shall be required to read or change any data.

No further changes have been made to this document

¹ These may be facilitated by the breaking of a seal.