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Stage 03: Modification Report

SECMP0033:

Update the CH Handover Support Materials

This Modification Proposal seeks to update the Consignment labelling and information table as well as the Smart Meter Wide Area Network (SM WAN) Coverage Information section in Appendix H 'CH Handover Support Materials'. This update is to align the 'CH Handover Support Materials' document with the implementation of the Data Communications Company (DCC) Solution.



The Change Board voted to approve this medication on 19th April 2017.

SECMP0033 will be implemented on 11th May 2017 (5 Working Days after the end of the 10 Working Day Referral Period, which ends on 4th May 2017).

What stage is this document in the process?

- 01 Initial Modification Report
- 02 Refinement Process
- 03 Report Phase
- 04 Final Modification Report

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SECMP0033 Final Modification Report

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Version 1.0

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About this document

This document is the Final Modification Report (FMR) for SECMP0021. The Change Board considered this report as part of its deliberations on whether to approve, reject, or defer the Modification Proposal. It has been updated following the Change Board bot on 19th April 2017.

This Modification Report has three attachments:

- Attachment A: SECMP0033 – Legal Text;
- Attachment B: Modification Report Consultation Responses; and
- Attachment C: Change Board Vote outcome.

1. Summary

This section provides an overview of [SECMP0033](#). For further details on the Modification Proposal, please refer to subsequent sections. Defined terms and acronyms used in this document are listed in the Glossary (Appendix B) of this document.

1.1 Why Change?

The Proposer (the DCC) believes the current version of SEC Appendix H 'CH Handover Support Materials (CHHSM)' document does not reflect the DCC Solution as it has been implemented, and is therefore not aligned with SEC definitions.

1.2 Solution

The Modification seeks to amend the following sections of the SEC:

- SEC Section A – Definitions and Interpretations
- SEC Appendix H – CH Handover Support Materials
 - Annex A – Table 1 'Consignment labelling and information',
 - 'SM WAN coverage information' – 3.3

1.3 Impacts and Costs

The impacts of this Modification Proposal are expected to be minimal as the changes only seek to align the SEC with the implemented DCC Solution.

The costs to implement this change will be limited to the Code Administrator time and effort to make the necessary amendments to the SEC and release a new version to SEC Parties as well as the publication of this new version on the SEC Website.

1.4 Implementation

As this Modification Proposal only involves changes to SEC, the implementation date of this Modification is proposed to be 5 Working Days (WD) following the end of the 10 WD referral period, which commences following the Change Board vote.

1.5 Progression Path

This modification has been progressed as a Path 3 'Self-Governance' Modification.

1.6 Modification Report Consultation Responses

11 SEC Voting Groups (representing a total of 15 SEC Parties) responded to the Modification Report Consultation, consisting of three Large Supplier Parties, three Network Parties, and three Other SEC Party.

2. Why Change?

2.1 Background

The CHHSM provides information on how Communications Hubs (CHs) will work in the wider smart metering environment. More specifically, the CHHSM provides details in relation to ordering and installing a CH.

2.2 What is the issue?

There are historical reasons why changes for efficiency have been made resulting in the CHHSM not reflecting the implemented DCC systems, which have been noted below.

The DCC has therefore raised SECMP0033 to make two changes to the CHHSM to align it with their current systems. Details of these changes have been reflected below:

Issue One

- Currently, Communications Hub Function (CHF) Identifier (EUI-64 unique number) is included in the delivery note described in CHHSM. However, the Proposer suggests that including CHF Identifier for both CSPs in Table 1 is environmentally wasteful and not of any practical use to the customer. This is because the CH deliveries can contain upwards of 40,000 units and could therefore overwhelm the customer as CHF Identifiers are in paper based form. All deliveries are currently preceded by Advanced Shipment Notification (ASN) files and these will already contain the CHF Identifiers electronically for the customers to use with their business processes/systems. The Proposer suggests that the ASN files contain sufficient information and therefore also including CHF for both CSPs is redundant.
- In terms of the CSP hardware version number for the Central and South Regions solution, the ASN files are intended to be a master source of information and the customer will receive it in advance of any deliveries of the physical units. The Proposer suggests that it is environmentally wasteful and unnecessary to have CH Marking and again believes the ASN file provides sufficient information.
- Device Configuration Identifier (DCI) is a CSP North Region specific attribute and as such cannot be included by the CSP for Central and South Regions.

Issue Two

Currently the request for SM WAN coverage is not an incident as per the SEC definition and as such the DCC believes that this request is better handled as a Service Management Service Request (SMSR). This is because it will allow the DCC to build automation into relevant workflows to fulfil the request, therefore making the process more efficient.

3. Solution

3.1 Proposed solution

The Proposer seeks to make the following two changes, to address two issues noted in the section above:

Change One

The CHHSM currently contains a table in Annex A – Consignment Information called 'Table 1 – Consignment labelling and information'. This table is used to describe the information provided for each:

- CH;
- carton containing a CH; and
- pallet of CHs for delivery;

depending upon the Region to which the associated CH Order relates.

The rows in Table 1 requiring updates are as follows:

- **CHF Identifier (EUI-64 unique number)** - Delivery Note for both North Region and Central & South Regions to change from 'Y' to 'N';
- **Hardware version number** - CH Marking to be split from All Regions into North Region and Central & South Regions. North Region remains as 'Y' but Central & South Regions change from 'Y' to 'N'; and
- **Device configuration identifier** - Advanced Shipment Notification for Central & South Regions changes from 'Y' to 'N'.

The following two tables show the current CHHSM content and the proposed changes that are outline above:

Table 1: Current CHHSM consignment information

	CH Marking	Carton Labels	Pallet Labels	Advanced Shipment Notification		Delivery Note	
	All Regions	All Regions	All Regions	North Region	Central & South Regions	North Region	Central & South Regions
CHF Identifier (EUI-64 unique number)	Y	Y		Y	Y	Y	Y
Hardware version number	Y			Y	Y		
Device configuration identifier	Y			Y	Y		

Table 2: Proposed changes to the CHHSM consignment information.

	CH Marking		Carton Labels	Pallet Labels	Advanced Shipment Notification		Delivery Note	
	North Region	Central & South Regions	All Regions	All Regions	North Region	Central & South Regions	North Region	Central & South Regions
CHF Identifier (EUI-64 unique number)	Y	Y	Y		Y	Y		
Hardware version number	Y				Y	Y		
Device configuration identifier	Y				Y			

The changes to SEC Appendix H – Annex A Consignment labelling information will not have any impact on the format of the Advanced Shipment Notification (ASN).

Change Two

CH Handover Support Materials Section 3.3 ‘SM WAN coverage information’ currently reads as follows:

“Where a Party requires SM WAN coverage information for an Installation Location where there is no associated postcode, the Party may raise an Incident with the DCC and in so doing shall provide the geographic latitude and longitude, for the Installation Location as part of the initial diagnosis information required by the Incident Management Policy. The DCC shall resolve the Incident by providing SM WAN coverage information for the Installation Location and shall additionally allocate the Installation Location to a Region.”

SECMP0033 seeks to amend section 3.3 by:

- replacing ‘an incident’ with ‘a Service Management Service Request’;
- removing the phrase ‘as part of the initial diagnosis information required by the Incident Management Policy’;
- insert ‘to the Party which raised the matter’ after “....SM WAN coverage information for the Installation Location”.
- replacing ‘shall additionally allocate’ with ‘by additionally allocating’.

Other related changes

In addition to the changes to the CHHSM, there are also other related changes being proposed as follows:

- SEC Section A – amendments to capture the definition of Service Management Service Request.

3.2 Legal Text for the SECMP0033

The proposed legal drafting to deliver changes one and two under the proposed solution can be found in Attachment A.

3.3 Path 3: Self-Governance

SECMP0033 is being progressed as a Path 3: Self-Governance Modification Proposed as it is a SEC only change, with no associated system impacts.

4. Impacts and Costs

The following section sets out the impacts of SECMP0033.

4.1 Party Impacts

SECMP0033 will have a low impact on Supplier Parties, as they are the only category that will be ordering CHs and therefore be impacted by any changes made to the CHSM.

4.2 Other Impacts

The following section sets out an overview of the likely impacts arising from SECMP0033, as identified by the Working Group.

Impacts of SECMP0033	
Impact on Consumers	
There are no identified direct impacts on Consumers arising from this Modification Proposal.	
Systems	
DCC Systems	No identified impact, the modification changes the SEC Sections and SEC Subsidiary Documents only.
User Systems	
Smart Metering Systems	
Other	
SEC changes	
SEC Section A	Addition of Service Management Service Request definition.
SEC Subsidiary Documents	
SEC Appendix H	SEC Appendix H 3.3 ‘Forecasting and Ordering Communications Hubs’ – requires amendment for the reason that the request for SM WAN coverage is not an incident as per the SEC Definition, so the Proposer believes that this request is better handled as a Service Request.
SEC Appendix H	SEC Appendix H Annex A ‘Table 1 – Consignment labelling and information’ requires amendment to reflect the implemented DCC Solution.

Other SEC documentation	
Terms of Reference	None.
Other Industry Codes and Documents	
None.	
Greenhouse gas emissions	
No impact	

4.3 Potential costs

The costs to implement this change will be limited to the Code Administrator time and effort to making the necessary amendments to the SEC, release a new version to SEC Parties, and the publication of it on the SEC Website. Associated amendments to the Terms of Reference will also be required. These changes will be actioned and agreed by the Panel following implementation, as per existing processes.

The table below sets out the estimated working day effort to implement this change

Implementation activities, costs and effort		
Implementation activities	Effort	Cost
- Application of approved changes to the SEC - Publication of the new version of the SEC on the SEC Website and issuance to SEC Parties - Review and update any impacted SEC guidance materials	Two Man Days maximum	£1200 ¹

¹ Based on a blended rate of £600 per day

5. Implementation

5.1 Recommended Implementation approach

The approved implementation date for this Modification Proposal is:

- **11th May 2017**, 5 Working Days following the end of the 10 Working Day referral period that applies after the Change Board vote.

This 5 Working Day approach was proposed as this Modification Proposal only involves changes to the wording of SEC Sections and SEC Subsidiary Documents and it has no immediate direct impacts on the DCC.

Note this is subject to SECMP0033 being treated and voted on by the Change Board as a Path 3 Self-Governance Modification Proposal.

6. Views on SECMP0033

6.1 Proposer's Views Against SEC Objectives

Objective (a)

The Proposer believes that SECMP0033 will allow parties to have accurate information on the receipt of CH orders

Objective (b)

The Proposer believes that SECMP0033 will align the terminology used within the CHSM document with SEC definitions. This in turn will provide accurate information for parties that require SM WAN coverage information to be sent to them by the DCC.

For the avoidance of doubt, the Proposer believes that SECMP0033 is neutral against SEC Objectives (c), (d), (e), (f) and (g).

6.2 Summary of initial views against the SEC Objectives

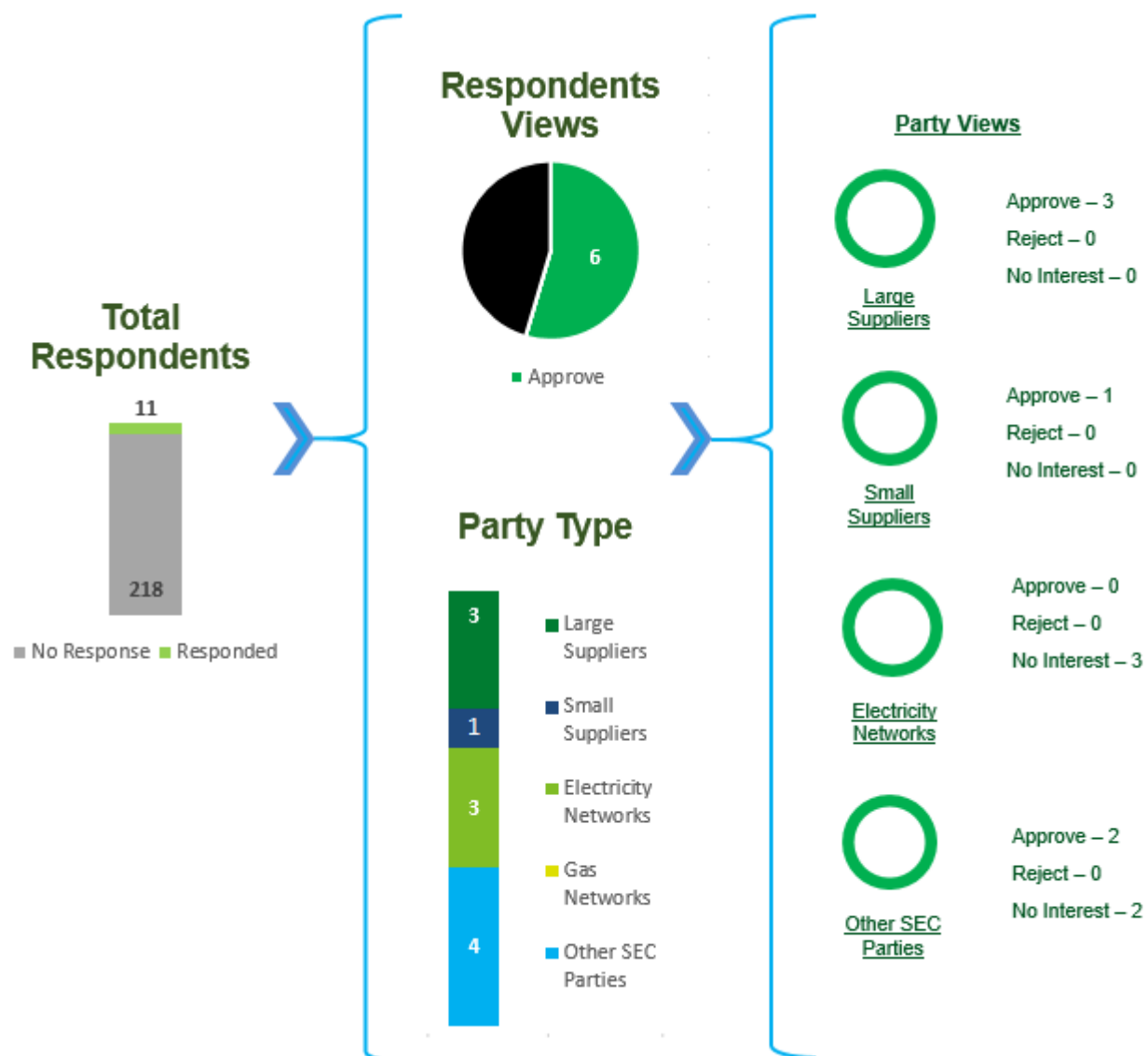
The following table provides a summary view of the Proposer's initial views against the SEC Objectives:

General SEC Objective	Proposer views
a) To facilitate the efficient provision, installation, and operation, as well as interoperability, of Smart Metering Systems at Energy Consumers' premises within Great Britain.	Proposed - ✓
b) To enable the DCC to comply at all times with the General Objectives of the DCC and to efficiently discharge the other obligations imposed upon it by the DCC Licence.	Proposed - ✓
c) To facilitate Energy Consumers' management of their use of electricity and gas through the provision to them of appropriate information by means of Smart Metering Systems.	N/A
d) To facilitate effective competition between persons engaged in, or in Commercial Activities connected with, the Supply of Energy.	N/A
e) To facilitate such innovation in the design and operation of Energy Networks (as defined in the DCC Licence) as will best contribute to the delivery of a secure and sustainable Supply of Energy.	N/A
f) To ensure the protection of Data and the security of Data and Systems in the operation of this Code	N/A
g) To facilitate the efficient and transparent administration and implementation of this Code.	N/A

7. Modification Report Consultation Responses

This section summarises the responses received to the Modification Report Consultation. 11 respondents, representing a total of 15 SEC Parties, replied to the Modification Report Consultation. The full list of represented SEC Parties and the responses are provided in Attachment B.

7.1 Summary of Responses



7.2 Summary of Modification Report Consultation respondent's views against the SEC Objectives

Summary of Large Suppliers' views for and against SECMP0033		
SEC	Benefit(s)	Drawback(s)
Objective (a) & Objective (b)	Overall, Large Supplier Parties agree that SECMP0033 will better facilitate SEC Objective (a) as it will allow parties to have accurate information on the receipt of CH orders. It was also noted that this Modification Proposal will improve the SEC baseline.	N/A
Summary of Small Suppliers' views for and against SECMP0033		
SEC	Benefit(s)	Drawback(s)
Objective (a) & Objective (b)	Small Supplier Parties agrees that the proposed solution would help align the CHHSM with the implementation of the DCC Solution. They also noted that the modification is in line with the proposed SEC Objectives, particularly SEC Objective (a).	N/A

7.3 Additional comments

One of the Parties stated that the current version of the "Consignment labelling and information" table" uses NULL fields where a specific information is not to be provided, the proposed new legal text seems to use 'N' where this is the case. This would seem to make it inconsistent with the current format of this table – the proposed values of 'N' should be replaced with NULL values in the final legal text for clarity.

After discussions with the Proposer, it was decided that using "N" is inconsistent with the approach taken with the rest of the table. Therefore, the 'N's on the previous drafter Legal Text has been replaced with NULL values.

It was also note that there was not necessary information on whether or how the proposed changes to the information to be provided on the Advanced Shipment Notification (ASN) would impact the format of the ASN files that are sent by DCC to Parties. The Proposer confirmed that there will be no changes to the ASN by the implementation of this modification.

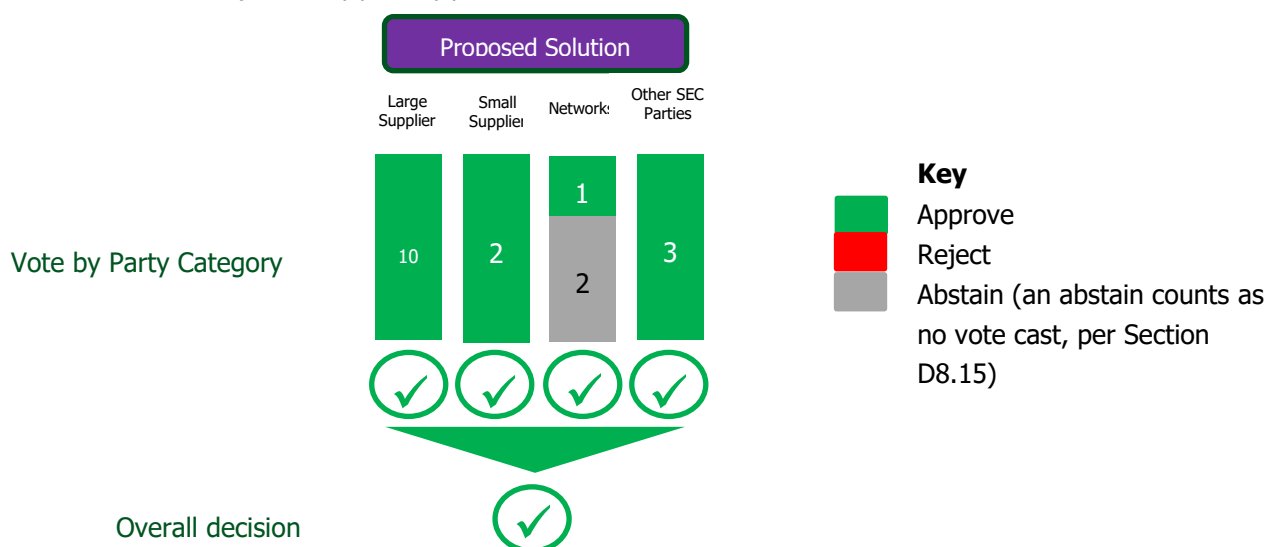
8. Change Board Decisions

8.1 Deferral?

The Change Board unanimously agreed that SECMP0033 should not be sent back to the SEC Panel for further clarification or analysis.

8.2 Approve SECMP0033

The Change Board voted to approve SECMP0033. The Change Board believes that this modification does better facilitate SEC Objectives (a) and (b).



Details of voting and views against the SEC Objectives broken down by Party Category is provided in Attachment C.

8.3 Change Board Considerations

A number of Change Board Members highlighted that the Modification Proposal ensures that the SEC documentation is aligned with how matters operate in practice, and to ensure clarity and certainty on information provided to Parties.

8.4 Effect of the Vote

In Light of the Change Board vote to approve SECMP0033, it will be implemented on 11th May 2017, 5 Working Days following the end of the 10 Working Day referral window, per Section D9.4, which will end on 4th May 2017.

Appendix B – Glossary and References

Glossary		
Acronym	Term	Description
ASN	Advanced Shipment Notification	Means, in relation to a Region, the notification containing the information listed in Annex A of this document under ‘Advanced Shipment Notification’ and identifies as being provided in relation to that Region.
BEIS		Department for Business, Energy and Industrial Strategy
	Central Region	Means the Region which covers the majority of Wales and the majority of central England.
CH	Communications Hub	Means a physical device that includes a Communications Hub function together with Gas Proxy Function; save that, when such expression is used in relation to the following provisions, such expression shall be interpreted in accordance with the definition of that expression in the DCC Licence: a) The definitions of “CH Defect” and “Test Communications Hub”; b) Sections F5 (Communications Hub Forecasts & Orders), F6 (Delivery and Acceptance of Communications Hub Orders) and F10 (Test Communications Hubs)
	CH Handover Support Materials	Means, in respect of each Region, the SEC Subsidiary Document of that name set out in Appendix H and applying to that Region, which document is originally to be developed pursuant to Section X8 (Developing CH Support Materials).
	Change Board	has the meaning given to that expression in Section D8.1 (Establishment of the Change Board).
CHF	Communications Hub Function	
CSP	Communications Service Provider	
DCC	Data and Communications Company	Means the holder from time to time of the DCC Licence.
	DCC Systems	Means the Systems used by the DCC and/or the DCC Service Providers in relation to the Services and/or this Code (Section A1, SEC Stage 3.0). The Proposer may wish to consider anticipated impacts on the DCC Licensee’s enterprise systems (e.g. billing) or the Data Service Provider or Communications Service Providers.
DECC		Department of Energy and Climate Change (former name of BEIS)

Glossary		
Acronym	Term	Description
	Delivery Note	Means, in relation to a Region, the documentation containing the information listed in Appendix A under 'Delivery Note' and identified as being provided in relation to that Region.
	Device	Means one of the following individual devices: (a) an Electricity Smart Meter; (b) a Gas Smart Meter; (c) a Communications Hub function; (d) a Gas Proxy; (e) a Pre-Payment Meter Interface Device; (f) a HAN Connected Auxiliary Load Control Switch; and (g) any Type 2 Device.
	Electricity Network Party	means a Party that holds an Electricity Distribution Licence.
	Gas Network Party	means a Party that holds a Gas Transporter Licence
	General SEC Objectives	The SEC Objectives are those objectives that the SEC has been designed to achieve.
	Installation Location	Means the location of the premises at which a Communications Hub is planned to be, or has been, installed.
	Large Supplier	means a Supplier Party which supplies electricity and/or gas to more than 250,000 (two hundred and fifty thousand) Domestic Premises.
	North Region	Means the Region which covers the majority of Scotland and the majority of northern England
	Other SEC Party	means a Party that is not the DCC, is not a Network Party, and is not a Supplier Party
	Other User	means, for a Smart Metering System or a Device and any period of or point in time, a User that is not acting in the User Role of Import Supplier, Export Supplier, Gas Supplier, Electricity Distributor, Gas Transporter or Registered Supplier Agent (regardless of whether in fact that User is a Responsible Supplier or the Electricity Distributor or the Gas Transporter or the Registered Supplier Agent during that period of or at that point in time).
	Party Category	Means one of the following Categories: (a) the Large Supplier Parties collectively; (b) the Small Supplier Parties collectively; (c) the Electricity Network Parties collectively; (d) the Gas Network Parties collectively; or the Other SEC Parties collectively.

Glossary		
Acronym	Term	Description
	Service Desk	Has the meaning given to that expression in Section H8.19 (Service Desk).
SR	Service Requests	A command issued by a DCC User to a device or the DCC.
	Small Supplier	means a Supplier Party which supplies electricity and/or gas to fewer than 250,000 (two hundred and fifty thousand) Domestic Premises.
SM WAN	Smart Meter Wide Area Network	Means the means by which the DCC sends, receives and conveys communications to and from Communications Hub Functions.
	Smart Metering Systems	Means a system installed at premises for the purposes of the Supply of Energy to the premises that, on the date it is installed, as a minimum; (a) consists of the apparatus identified in; (b) has the functional capability specified by; and (c) complies with the other requirements of, the Smart Metering Equipment Technical Specification that is applicable at the date (Section A1, SEC Stage 3.0). In summary, this includes: • Gas Smart Metering Equipment; • Electricity Smart Metering Equipment; • In Home Display; • Prepayment Interface Device; and HAN Connected Auxiliary Load Control Switch.
	South Region	Means the Region which covers the majority of southern England.
	Threshold Anomaly Detection Procedures	Means the SEC Subsidiary Document of that name set out in Appendix AA, which: a) Has the purpose described in Section G6.1 (Threshold Anomaly Detection Procedures); and b) Is originally to be developed pursuant to Section X10 (Threshold Anomaly Detection Procedures).
	User Systems	Means, in respect of each User (DCC User), the Systems of that User (including, where relevant, those of its Supplier Nominated Agent) used in relation to the Services and/or Smart Metering Systems (Section A1, SEC Stage 3.0). The Proposer may wish to consider Suppliers; Network Operators; Registration Data Providers; Other DCC Users (e.g. Authorised Third Parties / Switching Sites); Supplier Nominated Agents.

References

The following table contains any useful links relevant to this change or referenced in this document.

Links and References	
Description	Link
SEC Appendix H – CH Handover Support Materials	https://www.smartenergycodecompany.co.uk/docs/default-source/sec-documents/sec-5.6/sec-5-6-appendix-h---ch-handover-support-materials.pdf?sfvrsn=4
SEC Section A – Definitions and Interpretations	https://www.smartenergycodecompany.co.uk/docs/default-source/sec-documents/sec-5.6/sec-5-6-section-a---definitions-and-interpretation.pdf?sfvrsn=4
SEC Section H – DCC Services	https://www.smartenergycodecompany.co.uk/docs/default-source/sec-documents/sec-5.6/sec-5-6-section-h---dcc-services.pdf?sfvrsn=4
SECMP0033 – Modification Proposal Form	https://www.smartenergycodecompany.co.uk/docs/default-source/modificationfiles/secmp0033---modification-proposal-form-v0-1.pdf?sfvrsn=0
SECMP0033 – Initial Modification Report	https://www.smartenergycodecompany.co.uk/docs/default-source/modificationfiles/secmp0033---initial-modification-report.pdf?sfvrsn=0
SECMP0033 – Attachment A - Legal Text	https://www.smartenergycodecompany.co.uk/docs/default-source/modificationfiles/secmp0033---attachment-a---legal-text-v1-1.pdf?sfvrsn=0
SECMP0033 - Modification Report	https://www.smartenergycodecompany.co.uk/docs/default-source/modificationfiles/secmp0033---modification-report-v1-0-.pdf?sfvrsn=0
SECMP0033 – Attachment B – MR Consultation Response Form	https://www.smartenergycodecompany.co.uk/docs/default-source/modificationfiles/secmp0033---attachment-b---mr-consultation-response-form.docx?sfvrsn=0