

Smart Energy Code (SEC) Update

1. Purpose

This paper intends to inform the Uniform Network Code (UNC) Modification Panel, and UNC Parties, of the activities occurring in relation to the SEC. The SEC Panel is due to meet on 17th June 2016, and an update on documentation being discussed at the SEC Panel June 2016 meeting shall be provided at the July 2016 UNC Modification Panel meeting.

2. Code Update

2.1 SEC Version 4.11 has been designated

On 3rd June 2016, the Secretary of State (SoS) directed changes to the SEC. With an effective date of 6th June 2016, SEC 4.11 incorporated two new SEC Subsidiary Documents:

- Appendix S: DCCKI Certificate Policy; and
- Appendix W: DCCKI Registration Authority Policies and Procedures.

In addition to the designation of Appendix S and Appendix W, the SoS has also activated SEC Section H1 (User Entry Process), SEC Section H2 (Registered Supplier Agents), and SEC Section H3.22 (Managing Demand for DCC User Interface Services).

Further information as to what else has changed in the designation of SEC 4.11 can be found on the [SEC Website](#).

3. SEC Governance Updates

3.1 Guidance Update

SECAS has recently published two new specific pieces of guidance, on the SEC Website. The first piece of new guidance covers the [User Entry Process](#), as required by Section H1, The User Entry Process Guidance details the various steps that SEC Parties will need to complete, before they become 'DCC Users', and make use of DCC services. The second piece of new guidance covers [Smart Metering Key Infrastructure \(SMKI\) Responsible Officers](#).

The SMKI Responsible Officer Guidance is based on the SMKI Registration Authority Policies and Procedures (SMKI RAPP), and has been designed to provide assistance to SEC Parties, Registration Data Providers (RDPs), and other interested parties when nominating individuals to become SMKI Senior Responsible Officers (SROs) and SMKI Authorised Responsible Officers (AROs), who play a key role in the subscription and use of SMKI Certificates.

3.2 SEC Modifications Question Hour Launched

SECAS have launched the 'SEC Modifications Question Hour', which will provide all SEC Parties an opportunity to ask questions regarding any of the raised Modification Proposals, or the Modification Process in general.

These sessions will be held at 14:00 on the Monday before each SEC Panel meeting, from June going forwards. The dial in details for SEC Parties who wish to take part are available on the [SEC Website](#).

3.3 SEC Modifications Update

Since the May 2016 SEC Panel meeting, three new Modification Proposals have been submitted. These new Modification Proposals are outlined in Table one below:

SEC Modification Proposal	Summary of Modification
SECMP0014 – Standardise Formatting of Device ID.	Device ID to be formatted to a common standard so that the type of Device (covering ESME, GSME, CHF, GPF, PPMID, HCALC, TYPE2, and with a placeholder for a future category) is included within the EUI-64 identifier. With the EUI-64 identifier provided in EAN 128 barcode format, this allows the installer and supply chain logistic solutions to derive the device type when scanned, and so automate workflow and triggering service requests, removing risk of human error.
SECMP0015 – GPF timestamp for reading instantaneous Gas values.	Instantaneous GSME register values can be read from the Gas Proxy Function. These will not normally be in-line with the readings on the GSME, since the GSME only provides intermittent updates to the GPF, typically once every 30 minutes. Without a timestamp to know when the GSME last updated the GPF, the Supplier cannot know how up to date the information is.
SECMP0016 – Consideration of “Maximum Credit” value in credit cover calculation.	This Modification Proposal seeks to make changes to the SEC Credit Cover Requirement calculation so that it take into account the credit value specified by an independent credit assessor, which is similar to the approach taken for the Uniform Network Code (UNC).

Table one: New Modification Proposals

An Initial Modification Report shall be created for all three new Modification Proposals, and submitted to the June 2016 SEC Panel meeting for consideration.

Table two provides an update on the status of the nine Modification Proposals that are in the Refinement stage.

Modification Proposal #	Modification Proposal Title	Working Group	Update
SECMP0002	Add New Command to Reset Debt Registers	WG1	All Modification Proposals are in the Refinement stage. Working Group 1 met again on the 16 th May, and have a third meeting scheduled for 27 th June 2016. Working Group 2 met again on 9 th May, and have a third meeting scheduled for 20 th June 2016. Working Group 3 met for the second time on 6 th June 2016, and will meet again in July.
SECMP0003	Deficiencies in the Service Request for setting Maximum Demand Configurable Time	WG1	
SECMP0004	Inclusion of Meter Serial Number data item in the Smart Metering Inventory	WG2	
SECMP0005	Inclusion of Tariff and Register Labels on SMETS2 Devices	WG1	

SECMP0006	Specifying the number of digits for device displays	WG1	Working Group 4 met for the second time on 3 rd June 2016, and will meet again in July.
SECMP0007	Firmware updates to mandated HAN devices	WG1	
SECMP0008	Provision of a DCC Alert (formerly Service Request Error Response) for Quarantined Service Requests	WG2	
SECMP0009	Centralised Firmware Library	WG3	
SECMP0010	Introduction of triage arrangements for Communication Hubs	WG4	
SECMP0011	Including the MAP ID in the Smart Metering Inventory	WG2	
SECMP0012	Channel selection to support Shared HAN Solutions	WG4	SECMP0012 and SECMP0013 were discussed for the first time at the second Working Group 4 meeting on 3 rd June 2016.
SECMP0013	Smart meter device diagnostics and triage	WG4	

Table two: Modifications Proposals Update

Further information on the SEC Modification Proposals can be found on the [SEC Website Modifications Register](#).

Each month, SECAS prepares a Modification Status Report for the SEC Panel. This report provides the latest information on Modifications Proposals currently progressing within the Modification Process, and provides further information in relation to how each Modification Proposal, set out within Table two, is progressing. This report has been attached as Appendix A to this paper for information for the UNC Modification Panel, and UNC Parties.

3.4 SEC Modifications – Governance Information

The meeting dates for each SEC governance entity can be found on the [SEC Website](#). Here the UNC Modification Panel, and UNC Parties, can access meeting documentation associated with the SEC Change Board, and each Working Group. Information on how each Modification Proposal is progressing within the Refinement Stage via the SEC Change Board and Working Group(s) is also available.

4. Next SEC Panel Meeting

The next SEC Panel meeting is scheduled for Friday, 17th July 2016.

James Simmonds and Kayla Reinhart

SECAS Team

9th June 2016

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Appendix A – Modification Status Report – May 2016



Modification Status Report

May 2016

FOR INFORMATION

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1. Purpose

This report keeps the Panel informed of the status and progress of Modification Proposals going through the SEC Section D 'Modification Process'. It is updated monthly.

2. Summary

Overall Progress

This table shows the total number of Modification Proposals currently in the Modification Process, and what stage in the Process they are at.

Total Modification Proposals	12
Modification Proposals Raised	0
Initial Modification Report	2
Refinement Process	10
Modification Report	0
Change Board Vote	0
Modification Decision (for Path 1/2 Modifications)	0

Modification Process Overview

This table shows how the Modification Process is functioning.

# Mods withdrawn	# Mods adopted after withdrawal	# Mods approved	# Mods rejected
0	0	1 (SECMP0001)	0

New Modification Proposals

This table shows Modification Proposals that have been raised in the last month.

Modification Proposal #	Modification Proposal Title and Description	Date raised
SECMP0012	Channel selection to support Shared HAN solutions	05/05/2016
SECMP0013	Smart meter device diagnostics and triage	04/05/2016

Approvals and rejections

This table shows Modification Proposals that have been approved or rejected in the last month.

Modification Proposal #	Approved or Rejected?
0	0

3. Updates

This table highlights noteworthy changes to Modification Proposals that have occurred in the last month.

Modification Proposal #	Modification Proposal Title	Working Group	Update
SECMP0002	Reset Debt Registers	WG1	<p>All Modification Proposals are in the Refinement stage.</p> <p>Working Groups 1 and 2 will meet again on May 16 and May 9, respectively.</p> <p>Working Groups 3 and 4 met for the first time on 22 April and 26 April, respectively, and are expected to meet again in late May/early June.</p>
SECMP0003	Deficiencies in the Service Request for setting Maximum Demand Configurable Time	WG1	
SECMP0004	Inclusion of Meter Serial Number data item in the Smart Metering Inventory	WG2	
SECMP0005	Inclusion of Tariff and Register Labels on SMETS2 Devices	WG1	
SECMP0006	Specifying the number of digits for device displays	WG1	
SECMP0007	Firmware updates to mandated HAN devices	WG1	
SECMP0008	Provision of a Service Request error response for quarantined Service Request	WG2	
SECMP0009	Centralised Firmware Library	WG3	
SECMP0010	Introduction of triage arrangements for Communication Hubs	WG4	
SECMP0011	Including the MAP ID, MOP ID, and MAM ID in the Smart Metering Inventory	WG2	

4. Modification Proposal Progress

This table shows the status of all Modification Proposals¹ that have been raised, their current status, an indicative Change Board vote date, Sub-Committees likely to be involved, and the expected next stage for each Modification Proposal for the next six months.

Mod Proposal #	Title	Status	Indicative Change Board Vote Date	Relevant Sub-Committees ¹	May	Jun	July	Aug	Sep
0002	Add Command to Reset Debt Registers	Mod allocated to Working Group 1. First Working Group held on 4 April 2016.	19 Oct 2016	TSC	Refinement stage underway – SECAS Technical Support preparing design note				
0003	Deficiencies in the Service Request for setting Maximum Demand Configurable Time	Mod allocated to Working Group 1. First Working Group held on 4 April 2016.	19 Oct 2016	TSC	Refinement stage underway - SECAS Technical Support preparing design note				
0004	Include MSN data item in the Smart Metering Inventory	Mod allocated to Working Group 2. First Working Group held on 1 April 2016.	19 Oct 2016	TSC	Refinement stage underway - DCC undertaking Preliminary Assessment (PA)				

¹ As these Modification Proposals progress through the modification process, impacts on other Sub-Committees may be identified.

Mod Proposal #	Title	Status	Indicative Change Board Vote Date	Relevant Sub-Committees ¹	May	Jun	July	Aug	Sep
0005	Inclusion of Tariff and Register Labels on SMETS2 Devices	Mod allocated to Working Group 1. First Working Group held on 4 April 2016.	19 Oct 2016	TSC	Refinement stage underway - SECAS Technical Support preparing design note				
0006	Specifying the number of digits for device displays	Mod allocated to Working Group 1. First Working Group held on 4 April 2016.	19 Oct 2016	TSC	Refinement stage underway - SECAS Technical Support preparing design note				
0007	Firmware updates to mandated HAN devices	Mod allocated to Working Group 1. First Working Group held on 4 April 2016.	19 Oct 2016	TSC	Refinement stage underway - SECAS Technical Support preparing design note				
0008	Provision of a DCC alert for quarantined SRs	Mod allocated to Working Group 2. First Working Group held on 1 April 2016.	19 Oct 2016	TSC	Refinement stage underway - DCC undertaking PA				

Mod Proposal #	Title	Status	Indicative Change Board Vote Date	Relevant Sub-Committees ¹	May	Jun	July	Aug	Sep
0009	Centralised Firmware Library	Mod allocated to Working Group 3. First Working Group held on 22 April 2016.	15 Feb 2017	TSC, SSC	Refinement stage underway - SECAS drafting Business Requirements				
0010	Introduction of triage arrangements for CHs	Mod allocated to Working Group 4. First Working Group held on 26 April 2016.	19 Oct 2016	TSC	Refinement stage underway - SECAS drafting Business Requirements				
0011	Inclusion of MAP ID, MOP ID, and MAM ID in the Smart Metering Inventory	In April, Panel approved Mod to proceed to Refinement. Mod allocated to Working Group 2.	23 Dec 2016	TSC	Refinement stage underway - Mod to be discussed at Working Group 2 on May 9				
0012	Channel selection to support Shared HAN solutions	Mod formally submitted on 5 May 2016. Panel to review Mod at May 2016 meeting.	February 2017		Initial Consideration by Panel				

Mod Proposal #	Title	Status	Indicative Change Board Vote Date	Relevant Sub-Committees ¹	May	Jun	July	Aug	Sep
0013	Smart meter device diagnostics and triage	Mod formally submitted on 4 May 2016. Panel to review Mod at May 2016 meeting.	23 December 2016		Initial Consideration by Panel				

5. Release Contents

This table shows the content of future releases post DCC Live (and Release 1.x). If there are no changes within a scheduled release, the release will not take place.

There are currently no approved changes in scheduled or standalone releases at the moment.

2017 Releases			
February Release (23 Feb 17)			
Mod no.	Title	Type	Status
June Release (29 Jun 17)			
Mod no.	Title	Type	Status
November Release (2 Nov 17)			
Mod no.	Title	Type	Status
Standalone Releases (Date)			
Mod no.	Title	Type	Status

Key

Term	Definition
Document	Modification Proposal that changes the SEC or Subsidiary Documents, but not DCC and/or Party systems.
System	Modification Proposal that changes DCC and/or Party systems.
Pending	Modification Proposal that has been approved by Change Board or the Authority and is being targeted for a release.
Approved	Modification Proposal that has been approved by Change Board or the Authority and will be delivered in the related release.
Implemented	Modification Proposal that has been implemented into the SEC, Subsidiary Documents and/or DCC/Party systems.



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