

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 12th August 2016, and an update on documentation being discussed at the August 2016 SEC Panel meeting shall be provided at the September 2016 UNC Panel meeting.

2. Code Updates

There have been no new SEC designations since the last UNC Panel meeting. A copy of the current SEC Version 4.14, which was designated on 13th July 2016, can be found on the [SECAS Website](#).

Following the acceptance of SECMP0017 Modification Proposal – ‘CGR Phase 3 outcomes: Code Administrator to chair modification Working Groups’ at the 27th July 2016 Change Board meeting, the Change Board agreed to an implementation date of 17th August 2016. A new SEC designation will take place on that date to incorporate the changes. An updated version of SEC Appendix J – Enduring Testing Approach Document is likely to be re-designated by the Secretary of State at the same time.

3. SEC Governance Updates

3.1 Spotlight on the SEC seminar: 16th August 2016

On 16th August 2016 from 10am to 3pm SECAS will be holding a Spotlight on the SEC seminar. The session will provide an overview from the perspective of the SEC on the requirements leading up to DCC Live, and show how these relate to the different Party Categories.

The event will cover the following areas:

- An overview of SEC Governance and Sub-Committees
- An update on where we are with the SEC
- Security and Privacy Assessments
- A guide to the User Entry Process
- An overview of the Certified Products List
- An update on SEC Modifications and Release Management

If you wish to attend, please contact the [SECAS Helpdesk](#).

3.2 DCC Consultation on proposed changes to the DCC Plan for Release 1.2

On 11th July 2016, the DCC took an action from the Smart Metering Delivery Group (SMDG) to assess the likelihood of delivering against the current plan for DCC Release 1.2 (R1.2). DCC concluded that the current plan for R1.2 is no longer suitable for the purpose of achieving the Transition Objective. The DCC was directed by the Secretary of State to produce a new plan for delivery of R1.2 and is seeking views from SEC Parties’ views on the proposed content of this plan.

The scheduled contingency request proposes to move the DCC Live milestone from 17th August 2016 to 30th September 2016. The newly proposed plan allows for completion of SIT activities required for User Entry Process Tests (UEPT), accommodates additional UEPT preparatory activities and ensures the production platform is available and stable prior to DCC Live. Release 1.3 dates, which DCC is currently consulting on, are not affected by the newly proposed R1.2 plan.

Consultation closed 27th July 2016 and the revised plan will be published on the DCC Website.

3.3 DCC Consultation on proposed changes to the DCC Plan for Release 1.3

The DCC undertook a contingency review for Release 1.3 (R1.3) at the end of June, with the intention of providing clarity on the changes to the timing of milestones for R1.3. Following the contingency review, DCC concluded that the current plan for R1.3 is no longer suitable.

On 8th July 2016, the DCC published a consultation letter proposing changes to the DCC plan for R1.3 and is seeking views from SEC Parties on the proposed content of this plan.

Consultation closed 1st August 2016 and the revised plan will be published on the DCC Website.

4. SEC Modification Update

Since the July 2016 UNC Panel meeting, one new Modification Proposal has been submitted. These are outlined in Table one below:

SEC Modification Proposal	Summary of Modification
SECMP0019 – ALCS Description Labels	This Proposal recommends that there should be some form of guidance / rules (Naming Conventions) / standardisation when defining any of the 5 Auxiliary Load Control Switches (ALCS) or HAN Connected Auxiliary Load Control Switch (HCALCS).

Table one: New Modification Proposals

The SECMP0019 Modification Proposal was raised 14th July 2016 and the Initial Modification Report will be considered by Panel on 12th August 2016.

Since the July SEC Panel meeting, the Panel agreed for SECMP0018 Modification Proposal to proceed to the Refinement Process stage of the SEC Modification Process. The Panel agreed SECMP0018 Modification Proposal should be allocated to Working Group 1 because its members' expertise align with the suggested requirements.

SECMP0017 Modification Proposal was accepted and an implementation date of 17th August 2016 has been scheduled.

On 8th August 2016, the Proposer notified SECAS to withdraw SECMP0014 Modification Proposal. In accordance with SEC Section D5.4, Adoption of Withdrawn Proposals, any SEC Party wishing to adopt this Modification may do so by notifying SECAS within 10 Working Days. If no such requests are expressed, this modification proposal will be confirmed as withdrawn and marked as closed on 22nd August 2016.

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

Working Group	Modification Proposal #	Modification Proposal Title	Update
WG1	SECMP0002	Add New Command to Reset Debt Registers	Working Group 1 met on 27 th June 2016 and will meet again on 30 th August 2016.
	SECMP0003	Deficiencies in the Service Request for setting Maximum Demand Configurable Time	
	SECMP0005	Inclusion of Tariff and Register Labels on SMETS2 Devices	
	SECMP0006	Specifying the number of digits for device displays	
	SECMP0007	Firmware updates to mandated HAN devices	
	SECMP0015	GPF timestamp for reading instantaneous Gas values	
	SECMP0018	Standard Electricity Distributor Configuration Settings	
WG2	SECMP0004	Inclusion of Meter Serial Number data item in the Smart Metering Inventory	Working Group 2 met on 20 th June 2016 and will meet again on 26 th August 2016.
	SECMP0008	Provision of a DCC Alert (formerly Service Request Error Response) for Quarantined Service Requests	
	SECMP0011	Including the MAP ID in the Smart Metering Inventory	
WG3	SECMP0009	Centralised Firmware Library	Working Group 3 met on 11 th July 2016.

WG4	SECMP0010	Introduction of triage arrangements for Communication Hubs	Working Group 4 met on 25 th July 2016.
	SECMP0012	Channel selection to support Shared HAN Solutions	
	SECMP0013	Smart meter device diagnostics and triage	
	SECMP0014	Standardise Formatting of Device ID	Overall Modification Status is On Hold.
WG5	SECMP0016	Consideration of "Maximum Credit" value in credit cover calculation	Working Group 5 met for the first time on 5 th August 2016.

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. The August 2016 Modification Status Report is attached as Appendix A to this paper.

The Modifications listed above do not have a direct impact on the UNC Modification Panel.

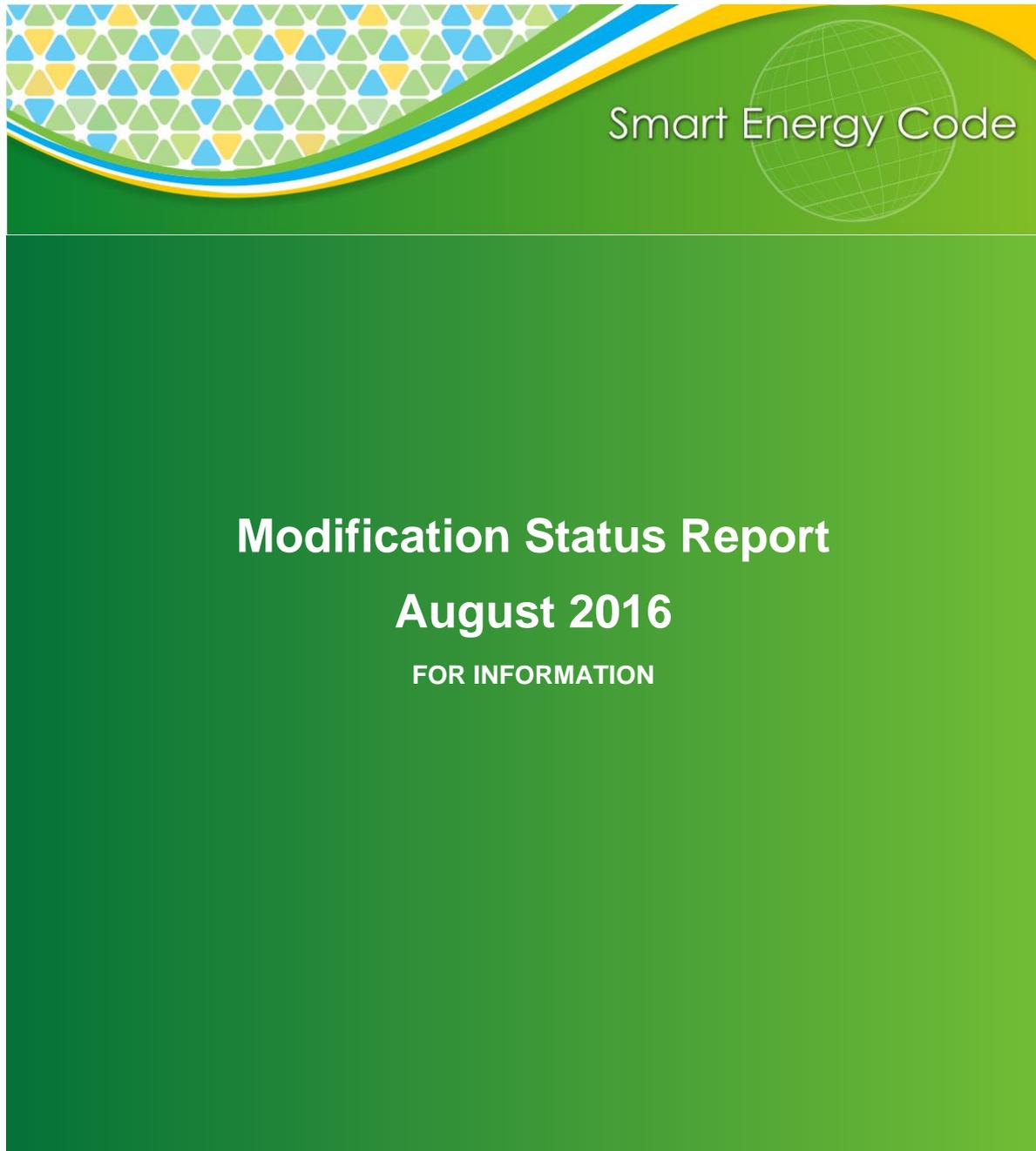
5. Next Meeting

The next SEC Panel meeting is scheduled for Friday, 12th August 2016.

Kayla Reinhart
SECAS Team
10th August 2016

Smart Energy Code Administration and Secretariat (SECAS)
SECAS Helpdesk: +44 (0) 20 7090 7755
Email: secas@gemserv.com

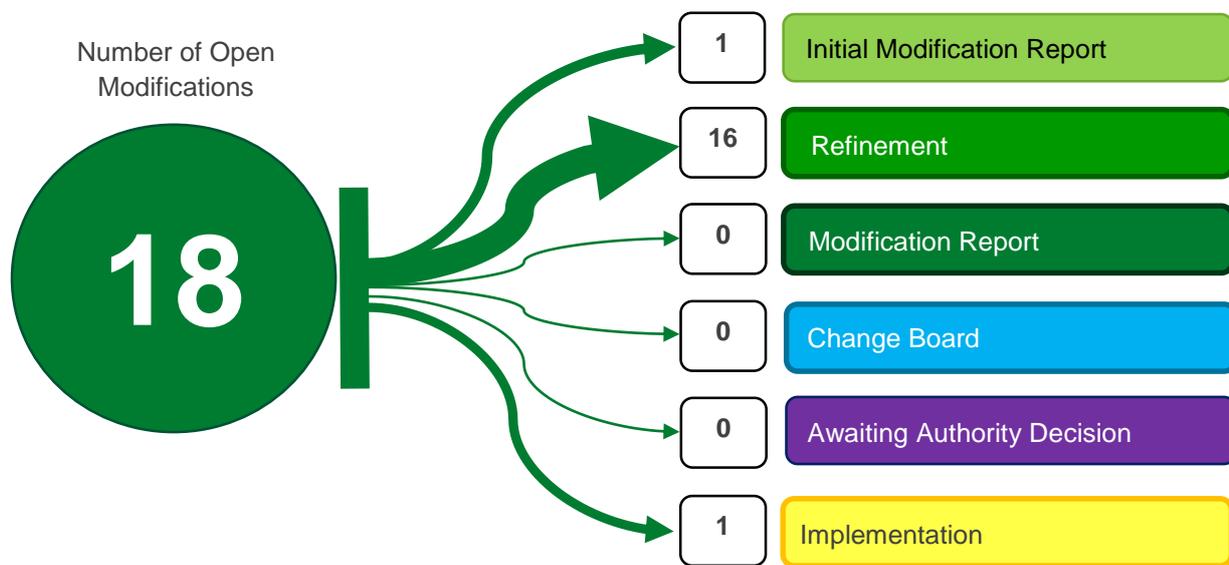
Appendix A – Modification Status Report (August 2016)



1. Summary

This report provides a monthly update on the status and progress of SEC Modification Proposals, highlighting key information and decisions made. This report covers the period between the July 2016 and August 2016 SEC Panel meetings. Further information can be found in the Modifications Register and/or on the Modification Proposal [webpages](#).

1.1. Status of Open Modification Proposals



1.2. New Modification Proposals

SECMP0019 - ALCS Description Labels

This Modification Proposal recommends that there should be some form of guidance / rules (naming conventions) / standardisation when defining any of the five Auxiliary Load Control Switches (ALCS) or HAN Connected Auxiliary Load Control Switch (HCALCS).

1.3. Approvals and rejections

The following decisions have been made in the last month:

- no approvals or rejections by Authority;
- the SEC Panel agreed that SECMP0018 should undergo Refinement; and
- the Change Board approved SECMP0017 under Self-Governance.

2. Highlights from the last month

2.1. Modification Highlights

SECMP0004 – Inclusion of Device Serial Number data item in the Smart Metering Inventory (SMI) and SECMP0011 – Inclusion of MAP ID in the SMI

When SECMP0011 was raised, SECAS suggested that both SECMP0004 and SECMP0011 be refined in the same Working Group because they both seek to add a data item to the SMI. As a result, once the Panel agreed that both modifications undergo Refinement, they were refined by the same Working Group (Working Group 2) to facilitate efficiencies of resource and discussion. Where possible, both modifications have been considered in parallel, with common business requirements applied to both modifications. However, subsequent development of their respective solutions has meant that SECMP0004 is at a further stage of the refinement than SECMP0011. This is due to additional requirements being considered as part of the SECMP0011 solution. There is still recognition that benefit remains in trying to implement both modifications in the same release (if they are approved) to maximise efficiencies in making changes to the SMI.

SECMP0006 – Specifying Device Display Digits

Although the Working Group did not meet in July, Working Group members, supported by SECAS, have continued to refine the modification through July, and clarified matters relating to the detail and information contained within SMETS and GBCS¹. The DCC have also confirmed that this modification will have no impact on their systems. A potential Balancing and Settlement Code impact was identified and a meeting with ELEXON took place on 25th July 2016 to discuss the potential cross-code impact. SECAS is holding a teleconference on 8th August 2016 to bring the Working Group up-to-speed on developments and agree next steps.

SECMP0012 – Channel selection to support Shared HAN solutions

SECMP0012 has made good progress in July, with the Working Group discussing a potential wider benefit beyond the Alternative HAN solutions. Following the initial meeting, the Proposer has begun drafting an initial set of requirements. The Working Group will discuss and refine these requirements at its next meeting, before initiating a DCC Preliminary Assessment (PA).

2.2. Working Group Highlights

Working Group 1

Due to the delays in the delivery of the DCC PAs and work ongoing outside of the Working Group, no meeting was held in July. As noted above, a teleconference to bring Working Group members up-to-speed on developments with SECMP0006 will be held on 8th August 2016, while a full meeting will be held on 30th August 2016. The main challenge for this Working Group is managing the volume of modifications allocated to it (seven). This is being managed by staggering the number of modifications the Working Group looks at in any single meeting.

Working Group 2

Also due to the delays to the DCC PAs and work ongoing outside of the Working Group, no meeting was held in July. A meeting will be held on 26th August 2016, and will focus on refining

¹ Smart Metering Equipment Technical Specification (SMETS) and Great Britain Companion Specification (GBCS)

SECMP0011, the scope of which changed significantly at the last Working Group. SECAS and the DCC have been working with the Proposer to develop technical solutions for this modification.

Working Group 3

Working Group 3 met to discuss SECMP0009 “Centralised Firmware Library” on 11th July 2016. Discussion focused on firmware upgrade scenarios, the scope and function of the solution, alternatives to the existing modification solution and implications for security, intellectual property and liability. The next meeting is scheduled for early September. The next steps for this modification will be impacted by the information that the DCC give the Working Group regarding the DCC’s ability to deliver a DCC-centric solution.

Working Group 4

Working Group 4 met on 25th July 2016. SECMP0012 made good progress in July, as noted above. Requirements for SECMP0010 “Triage arrangements for Communication Hubs” and SECMP0013 “Smart meter diagnostics and triage” continue to be refined. SECMP0014 “Standardise Formatting of Device ID” will be the subject of a teleconference on 8th August 2016.

Working Group 5

The first meeting for the single modification in this Working Group, SECMP0016 “Consideration of “Maximum Credit” value in credit cover calculation”, will be held on 5th August 2016.

4. Modification Proposal Progress

The Modification Proposal Progress table, usually provided in this section, has been removed from this month's report. This is due to the SEC Panel undertaking a review of all Modification Proposal progression timetables at its August meeting.

The report will be updated and recirculated to the Panel, the Panel Sub-Committees and SEC Parties after the Panel has completed its review of the modification timetables.

For further details on all SEC modifications, please see the [Modifications Register](#).

5. Release Contents

This section provides a summary of future releases, and highlights modifications that are targeted for, or approved for, a SEC Release date.

Ad hoc release

Date	Mod Ref	Status	Potential Impacts	
			Docs	Systems
17 th August 2016 (5 Working Days, following end of Self-Governance referral window ending)	SECMP0017	Approved - subject to end of Self-Governance referral window	SEC Section D	n/a

June 2017 release (29th June 2017)

Mod Ref	Status	Potential Impacts	
		Docs	Systems
SECMP0002	In development – Proposer target	SMETS2, GBCS, DUIS, MMC	DCC
SECMP0003		DUIS, GBCS,	DCC
SECMP0004		SMETS2, GBCS, DUIS,	DCC
SECMP0005		SMETS2, GBCS, DUIS,	DCC
SECMP0006		SMETS2, GBCS, CHTS,	DCC
SECMP0007		SMETS2, GBCS, CHTS,	DCC
SECMP0008		DUIS, TADP	DCC
SECMP0010		CHIMSM, SEC	
SECMP0011		DUIS	
SECMP0013		DUIS	DCC, SMS
SECMP0015		SMETS2, GBCS,	DCC

November 2017 Release (23rd November 2017)

Mod Ref	Status	Potential Impacts	
		Docs	Systems
SECMP0009	In development – Proposer target	SEC	
SECMP0014		SMETS2, CHTS,	DCC
SECMP0016		SEC	DCC
SECMP0018	Initial Consideration	GBCS	

February 2018 Release (22nd February 2018)

Mod Ref	Status	Potential Impacts	
		Docs	Systems
SECMP0012	In development – Proposer target	SMETS2, GBCS, DUI, CHTS, MMC, DUGIS	



Smart Energy Code Administrator and Secretariat (SECAS)

8 Fenchurch Place, London, EC3M 4AJ

020 7090 7755

secas@gemserv.com