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## 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.

### 2. Code Updates

#### 2.1 SEC Version 5.3

SEC version 5.3 was designated on 26<sup>th</sup> January 2017 introducing amendments consulted on in September 2016.

The designated changes to SEC Section N enable the government to direct the DCC to undertake further analysis on Smart Metering Equipment Technical Specifications 1 (SMETS1) meter enrolment with DCC systems in relation to the Initial Enrolment and Adoption Feasibility Report (IEPFR), should it be necessary.

The amendments also require Supplier Parties to comply with any reasonable requests for information made by the DCC to support its analysis. Non-provision of the information would result in the exclusion of that Supplier's SMETS1 meters from the DCC's further analysis, unless government directs otherwise.

The changes to the SEC introduce the new Section to the SEC, 'Section N4A: Further Initial Enrolment Analysis'. Other consequential changes have been made in SEC Section N.

More information on the latest designation can be found on the latest news article on the [SEC Website](#).

### 3. SEC Modifications Update

#### 3.1 New SEC Modification Proposal

There have been no new Modification Proposals submitted to SECAS since the January 2017 UNC Modification Panel meeting.

#### 3.2 Approvals

On 26<sup>th</sup> January 2017, the Authority (BEIS) approved SECMP0016 'Consideration of "Maximum Credit" value in credit cover calculation'. This followed the Change Board vote for recommendation in December 2016.

SECMP0016 changes the SEC Credit Cover Requirement calculation so that it takes into account the credit value specified by an independent credit assessor. The proposed calculation introduces an Unsecured Credit Factor, in place of the current Credit Cover Factor, that is a proportion of a Party's Maximum Credit Value. The Unsecured Credit Factor is determined by the Party's Recognised Credit Rating or Credit Assessment Score.

The modification has an implementation date of 1<sup>st</sup> April 2017.

### **3.3 Modification Proposals in Consultation**

On 9<sup>th</sup> January 2017, SECAS issued SECMP0021 'Increase the representation of the "Other SEC Party" category on the SSC and TABASC' for Working Group Consultation.

SECAS also issued SECMP0026 'Changes to the Security Sub-Committee Nomination Process' for Modification Report Consultation on 18<sup>th</sup> January 2017. Consultation closes on 8<sup>th</sup> February 2017.

### **3.4 Open Modification Proposals**

Section 3 - Modification Proposal Progress in the below attached February 2017 Modification Status Report summarises the progress of all open Modification Proposals. For further details, please refer to the [Modifications Register](#).

## **4. Next Meeting**

The next SEC Panel meeting is scheduled for Friday, 10<sup>th</sup> February 2017.

**Kayla Reinhart**

**SECAS Team**

**8<sup>th</sup> February 2017**

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# Modification Status Report

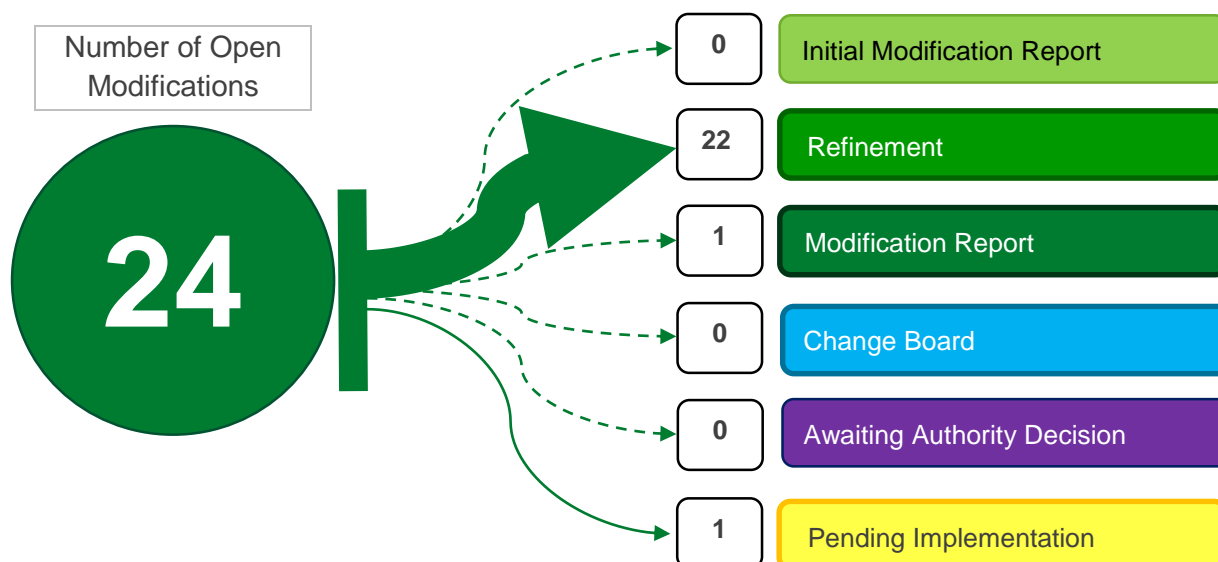
## February 2017

FOR INFORMATION

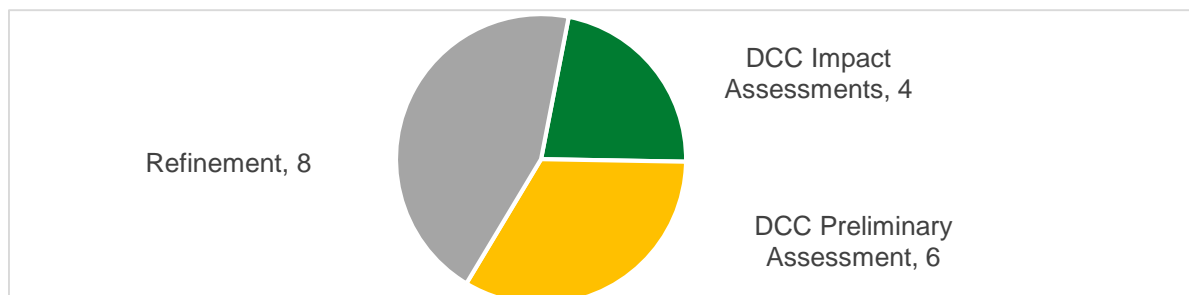
## 1. Summary

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 January 2017 and February 2017 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



### Modification Proposals in refinement, 18



### 1.2. New Modification Proposals

No new modifications were raised this month.

### 1.3. Approvals and Rejections

One Authority determination was made last month:

- **SECMP0016 “Consideration of “Maximum Credit” value in credit cover calculation”** was approved by the Authority on 26<sup>th</sup> January. The DCC are currently updating their systems ahead of a 1<sup>st</sup> April 2017 implementation.

## 2. Highlights from last month

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**SECMP0009 “Centralised Firmware Library”:** SECAS met with Industry Parties to help develop a Process Description presenting background and options of how a Centralised Firmware Library may be obtained. SECAS has circulated the document to the Proposer ahead of circulating it to the Working Group (WG) before the next meeting.

**SECMP0021 “Increase Other SEC Party representation for TABASC and SSC”:** The WG consultation closed on the 30<sup>th</sup> January. The next WG meeting is taking place on 6<sup>th</sup> February 2017, where the consultation responses and supplementary feedback from the Security Sub-Committee (SSC) and Technical Architecture and Business Architecture Sub-Committee will be discussed. The WG will also revisit the benefits and drawbacks and initial views against the SEC Objectives.

**SECMP0024 “Enduring Approach to Communication Hub Firmware Management”:** The first WG meeting took place on 9<sup>th</sup> January 2017. Following the meeting, SECAS agreed to produce strawman-solutions for the approaches discussed and to circulate these to WG Members and Energy UK for further consideration.

**SECMP0025 “Electricity Network Party Access to Load Switching Information”:** The first WG meeting took place on 26<sup>th</sup> January 2017. The WG agreed the principles behind the modification. SECAS has drafted the business requirements and sent these to the WG for review.

**Modification Progression Timetable review** - A number of progression timetables for Modifications within the Refinement Process have been reviewed. The Panel will be considering these revisions at the February Panel meeting. Please refer to SECP\_41\_1002\_09 – Modification Progression timetable review for further details.

## 3. Modification Proposal Progress

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This table summarises the progress of all open Modification Proposals. For further details, please refer to the [Modifications Register](#).<sup>1</sup>

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<sup>1</sup> These dates may change following the Panel’s consideration of new timelines contained in the Modification Progression Timetable review.

Details (Open Modification Proposals)																																								
Mod Ref	Title	Current Stage	Nov-16				Dec-16				Jan-17				Feb-17				Mar-17				Apr-17				May-17				Jun-17				Jul-17					
			7th - 11th	14th - 18th	21st - 25th	28th - 2nd	5th - 9th	12th -16th	19th - 23rd	26th - 30th	2nd - 6th	9th - 13th	16th - 20th	23rd - 27th	30th - 3rd	6th - 10th	13th - 17th	20th - 24th	27th - 3rd	6th - 10th	13th - 17th	20th - 24th	27th - 31st	3rd - 7th	10th - 14th	17th - 21st	24th - 28th	1st - 5th	8th - 12th	15th - 19th	22nd - 26th	29th - 2nd	5th - 9th	12th - 16th	19th - 23rd	26th - 30th	3rd - 7th	10th - 14th	17th - 21st	24th - 28th
SECMP02	Add New Command to Reset Debt Registers	DCC IA	◆													WG	WG Consultation	WG								DMR	MR Consultation		Change Board											
SECMP04	Add MSN data item in SMI	DCC IA	◆	WG Consultation	WG													DMR	MR Consultation							Change Board														
				✓																																				
SECMP05	Add Tariff and Register Labels in SMETS2 Devices	DCC IA	◆			WG		SSC									WG	WG Cosultation	WG							DMR	MR Consultation		Change Board											
SECMP06	Specify number of digits for device displays	Refinement				WG											WG consultation	WG	DMR	MR Consultation						Change Board														
SECMP07	Enable OTA firmware updates to mandated HAN devices	DCC IA	◆														WG																							
SECMP08	Provide a DCC Alert for Quarantined SRs	DCC IA	◆	WG Consultation	WG														DMR	MR Consultation						Change Board														
				✓																																				
SECMP009	Centralised Firmware Library	Refinement																								DMR	MR Consultation		Change Board											
SECMP010	Introduce triage arrangements for Comms Hubs	DCC PA	◆														WG																							
SECMP011	Add MAP ID data item to the SMI	DCC IA		WG Consultation	WG														DMR	MR Consultation						Change Board														
				✓																																				
SECMP012	Add channel selection for Shared HAN solutions	DCC PA																																						
SECMP013	Introduce triage arrangements for SMETS2 devices (e.g. smart meters)	Refinement					◆																																	
SECMP015	GPF Timestamp for Reading Instantaneous Gas Values	DCC PA																																						
SECMP016	Consideration of "maximum credit" value in credit cover calculation	Authority Decision	DMR		MR Consultation			Change Board					✓																											
SECMP018	Standardise ENO Configuration settings	DCC PA																																						

Details (Open Modification Proposals)																																										
Mod Ref	Title	Current Stage	Nov-16				Dec-16				Jan-17				Feb-17				Mar-17				Apr-17				May-17				Jun-17				Jul-17							
			7th - 11th	14th - 18th	21st - 25th	28th - 2nd	5th - 9th	12th -16th	19th - 23rd	26th - 30th	2nd - 6th	9th - 13th	16th - 20th	23rd - 27th	30th - 3rd	6th - 10th	13th - 17th	20th - 24th	27th - 31st	3rd - 7th	10th - 14th	17th - 21st	24th - 28th	1st - 5th	8th - 12th	15th - 19th	22nd - 26th	29th - 2nd	5th - 9th	12th - 16th	19th - 23rd	26th - 30th	3rd - 7th	10th - 14th	17th - 21st	24th - 28th						
SECMP019	Standardise ALCS/HCALCS description labels	DCC PA													♦				WG								WG consultation				WG				DMR				MR Consultation			
											DCC PA				◉				DCC IA																							
SECMP21	Increase Other SEC Party representation for TABASC and SSC	Refinement	WG				WG				WG consultation				♦ WG				DMR		MR Consultation		Change Board																			
SECMP23	Correct Units of Measure for Uncontrolled Gas Flow Rate	DCC PA	◉	WG											DMR ♦				MR Consultation		CB		Authority Decision																			
SECMP24	Enduring Approach to Communication Hub Firmware Management	Refinement	◉								WG																DMR ♦		MR Consutation				CB		Authority Decision							
SECMP25	Electricity Network Party Access to Load Switching Information	Refinement					Panel Approved IMR				WG																															
SECMP026	Changes to Security Sub-Committee Nomination Process	Report Consultation									Panel Approved	DMR	MR Consultation			Change Board				Implementation																						
SECMP027	Amending Service Request Forecasting	Refinement									Panel Approved IMR						WG																									
SECMP028	Prioritising Service Requests	Refinement									Panel Approved IMR						WG																									
SECMP029	Business Continuity and Disaster Recovery Testing Amendments	Refinement									Panel Approved IMR						WG																									
SECMP030	Demand Management of DCC Systems	Refinement									Panel Approved IMR						WG																									

KEY	
	Original DCC PA/IA Completion Date
	Revised DCC PA/IA Completion Date
	Completed
	Original Target Date for SEC Panel to review IMR
	Withdrawn
	Implemented
Month-XX	Last Updated

GLOSSARY	
<b>DCC IA</b>	DCC Impact Assessment
<b>DCC PA</b>	DCC Preliminary Assessment
<b>DMR</b>	Draft Modification Report
<b>IMR</b>	Initial Modification Report
<b>MR</b>	Modification Report
<b>WG</b>	Working Group

## 4. Release Contents

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

### Stand Alone Implementations

Mod Ref	Status	Potential Impacts	
		Docs	Systems
SECMP0026	Changes to Security Sub-Committee Nomination Process.		
Following a February 2017 Change Board Vote, if SECMP0026 is implemented in <b>March 2017</b> , SECMP0026 would only impact the SEC.			

Mod Ref	Status	Potential Impacts	
		Docs	Systems
SECMP0016	Consideration of “maximum credit” value in credit cover calculations.		
Following approval by the Authority, <b>SECMP0016 will be implemented in April 2017</b> . SECMP0016 impacts SEC and internal DCC systems.			

Mod Ref	Status	Potential Impacts	
		Docs	Systems
SECMP0021	Increase the representation of the “Other SEC Party” category on the SSC and TABASC.		
Following an approval at the April 2017 Change Board Vote, SECMP0021 would be implemented in <b>June 2017</b> . SECMP0021 would only impact the SEC.			

### June 2017 Release (29<sup>th</sup> June 2017)

Mod Ref	Status	Potential Impacts	
		Docs	Systems
The June 2017 Release <b>will not</b> contain modifications with a DCC Systems or Device Impact.			
This is in line with the Panel consideration of the June 2017 Release content undertaken at the September 2016 and October 2016 Panel meetings.			

### November 2017 Release (2<sup>nd</sup> November 2017)

Mod Ref	Status	Potential Impacts	
		Docs	Systems
The November 2017 Release <b>will not</b> contain modifications with a DCC Systems or Device Impact. This is in line with the Panel consideration of the November 2017 Release content undertaken at the September 2016 and October 2016 Panel meetings.			



## BEIS-directed changes

CR195: Self Service Interface Functionality (Section H8.16(c)) (if this is not resolved before the November 2017 Release)

CR193: Use of User identifiers (EUI-64 identifiers) variation resolution

## DCC internal changes

CR205: Anomaly Detection SMETS Objects Limits

CR183: Recovery Procedure Changes

## February 2018 Release (22<sup>nd</sup> February 2018)

Mod Ref	Status	Potential Impacts	
		Docs	Systems
<u>BEIS-directed changes</u>			
CR184: Dual Band Communications Hubs			
CR194: Designation of new Technical Specifications, GBCS and other SEC changes (Technical Specification Group (TSG)2)			

## June 2018 Release (28<sup>th</sup> June 2018)

Modifications		Status	Potential Impacts	
Ref	Name		Docs	Systems
0004	Add MSN data item in SMI	Following an Authority approval in May, June 2018 would be the earliest point that these modifications could be implemented if approved following completion of the Modification Process.	SMETS2, GBCS, DUIS	DCC
0008	Provide a DCC Alert for Quarantined SRs		DUIS, TADP	DCC
0011	Add MAP ID data item to the SMI		DUIS	DCC

## November 2018 Release (29<sup>th</sup> November 2018)

Modifications		Status	Potential Impacts	
Ref	Name		Docs	Systems
0002	Add New Command to Reset Debt Registers	In light of the Panel's consideration of the content of the first few enduring releases, this may now be the earliest point that the modifications listed here may be implemented if approved following completion of the Modification Process.	SMETS2, GBCS, DUIS, MMC	DCC
0005	Add Tariff and Register Labels in SMETS2 Devices		SMETS2, GBCS, DUIS	DCC
0006	Specify number of digits for device displays		SMETS2, GBCS, CHTS,	SMS
0007	Enable OTA firmware updates to		SMETS2, GBCS, CHTS,	DCC

Modifications		Status	Potential Impacts	
Ref	Name		Docs	Systems
	mandated HAN devices			
0009	Centralised Firmware Library		SEC	TBC
0010	Introduce triage arrangements for Communications Hubs		CHIMSM, CHTS	DCC
0012	Add channel selection for Shared HAN solutions		SMETS2, GBCS, DUIS, CHTS, MMC, DUGIS	TBC
0013	Introduce triage arrangements for SMETS2 devices (e.g. smart meters)		DUIS	DCC, SMS
0015	GPF timestamp for reading instantaneous Gas values		SMETS2, GBCS,	DCC
0018	Standardise ENO Configuration settings		GBCS	
0019	Standardise ALCS/HCALCS description labels		DUIS	DCC, DCC Users
0023	Correct Units of Measure for Uncontrolled Gas Flow Rate		SEC, DUIS, SMETS2	DCC, Users
0024	Enduring Approach to Communication Hub Firmware Management		SEC, DUIS,	DCC, SMS
0025	Electricity Network Party Access to Load Switching Information		SEC, DUIS, SMETS2	DCC, Users
0027	Amending Service Request Forecasting		SEC	DCC, Users
0028	Prioritising Service Requests		SEC, DUIS,	DCC, Users
0029	Business Continuity and Disaster Recovery Testing Amendments		SEC	

Modifications		Status	Potential Impacts	
Ref	Name		Docs	Systems
0030	Demand Management of DCC Systems		SEC, DUIS,	DCC, Users

For further details on the indicative content of future release. Please refer to the Indicative Release Content Overview. This is available on the [About Releases](#) webpage on the SEC Website.