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Action:	**For Information**

Change Status Report – May 2020

1. Purpose

This document is the Change Status Report, which provides information on the progress of Smart Energy Code (SEC) Modifications and Releases.

The Data Communications Company (DCC)'s progress report on Preliminary Assessments and Impact Assessments is included as Appendix A to this report.

2. Recommendations

The Panel is requested to **NOTE** the contents of this report.

Holly Burton

SECAS Team

7 May 2020

Attachments:

- **Appendix A:** DCC Preliminary Assessments and Impact Assessments update

1. Summary

This report provides a monthly update on the status and progress of SEC Draft Proposals, Modification Proposals and Releases, highlighting key information and decisions made.

More detailed information can be found in the Modification Register.

Proposals currently in each stage

Recommended to proceed to Refinement Process

There is one Draft Proposal being presented to the Panel for progression to the Refinement Process this month:

- DP121 'Commissioning non-commissioned Devices after CoS'

Recommended to proceed to Report Phase

There are four Modification Reports being presented to the Panel for progression to the Report Phase this month:

- SECMP0015 'GPF timestamp for reading instantaneous Gas values'
- MP0098 'Incorporation of multiple Issue Resolution Proposals into the SEC – Batch 3'
- MP101 'Large Meter Gas Displays'
- DP110 'Aligning SEC Appendix D with DCC Processes'

Decisions

The Change Board approved four Modification Proposals under Self-Governance this month:

- MP093 'Implementing IRP511 and CRP535 to support GBCS v3.2 devices'
- MP112 'Setting the Privacy Assessment Assurance Status'
- MP114 'Alt HAN P2P Charging'
- MP123 'IVP realignment of SMETS2 v2.0 and v3.1'

Corporate member of Plain English Campaign Committed to clearer communication 592

2. Define

New Draft Proposals

DP124

DP124 'Consequential changes to DUIS for SMETS1 Alerts' was raised by Gary Bailey of the DCC on 4 May 2020.

When SECMP0062 'Northbound Application Traffic Management - Alert Storm Protection' is implemented, a consequential change is required in SEC Appendix AD 'DCC User Interface Specification' (DUIS) to ensure that the solution will include Smart Metering Equipment Technical Specification (SMETS) 1 Alerts having notification headers. In particular, two entries are required for Table 4 in Section 1.4.11.2 'SMETS1ResponseMessageFormat' to include two data items.

Change Sub-Committee decisions

The Change Sub-Committee (CSC) determined that the following Draft Proposal was ready to be presented to the Panel for conversion to a Modification Proposal:

- DP121 'Commissioning non-commissioned Devices after CoS'.

3. Refine

Working Group meetings

The last monthly Working Group meeting was held on 1 April 2020, and included the following modifications:

- MP077 'DCC Service Flagging'
- MP095 'Alignment of SEC Credit Cover'
- MP098 'Incorporation of multiple IRPs into the SEC – Batch 3'
- MP099 'Incorporation of multiple IRPs into the SEC – Batch 4'
- MP102A 'Power Outage Alerts triggered by an OTA firmware upgrade'
- MP103 'DCC SOC2 Assessments'
- DP109 'ADT and exit Quarantine file delivery mechanism'

The next monthly Working Group meeting will be held on 5 May 2020, and is currently expected to include the following modifications:

- SECMP0046 'Allow DNOs to control Electric Vehicle chargers connected to Smart Meter infrastructure'
- MP102A 'Power Outage Alerts triggered by an OTA firmware upgrade'
- MP118 'Communications Hub Finance Charges'
- MP119 'CH Alert Storm Management'

Refinement Consultations

There is currently one Modification Proposal out for Refinement Consultation:

- MP099 'Incorporation of multiple Issue Resolution Proposals into the SEC – Batch 4'

The following Refinement Consultations are expected to be issued in the week commencing 11 May 2020:

- MP102A 'Power Outage Alerts triggered by an OTA firmware upgrade'
- MP103 'DCC SOC2 Assessments'
- MP118 'Communications Hub Finance Charges'

Impact Assessment requests

The MP099 'Incorporation of multiple Issue Resolution Proposals into the SEC – Batch 4' Impact Assessment request was approved at the Change Board meeting in April 2020.

DCC Assessment timescales

The timescales below cover the 12-month period up to the end of April 2020.

Summary		
Assessment	**Total**	**Average duration**
Preliminary Assessments open	6	65 WD
Preliminary Assessments completed in the last 12 months	11	57 WD
Impact Assessments open	2	140 WD
Impact Assessments completed in the last 12 months	5	79 WD

Open Assessments				
Modification	**Type**	**Accepted**	**Target duration**	**Current duration**
SECMP0007	IA	6 Feb 20	40 WD	61 WD
SECMP0056	IA	2 Jul 19	40 WD	218 WD
SECMP0066	PA	13 Jun 19	15 WD	231 WD
MP078	PA	26 Mar 20	15 WD	10 WD
MP090	PA	1 Apr 20	15 WD	10 WD
MP092	PA	02 Dec 19	15 WD	109 WD
MP105	PA	14 Apr 20	15 WD	13 WD
MP106	PA	14 Apr 20	15 WD	13 WD

Assessments completed in the last 12 months				
Modification	**Type**	**Returned**	**Target duration**	**Actual duration**
SECMP0015	IA	30 Apr 20	40 WD	266 WD
SECMP0024	PA	21 Feb 20	15 WD	193 WD
SECMP0046	PA	9 Sep 19	15 WD	31 WD
SECMP0053	PA	2 May 19	15 WD	87 WD
SECMP0053	IA	20 Sep 19	40 WD	35 WD
SECMP0062	IA	4 Jul 19	40 WD	77 WD
SECMP0063	PA	1 Aug 19	15 WD	18 WD
SECMP0067	PA	5 Jun 19	25 WD	24 WD
SECMP0067	IA	12 Mar 20	40 WD	17 WD
MP077	PA	31 Dec 19	40 WD	40 WD
MP078	PA	31 Dec 19	15 WD	66 WD
MP080	PA	17 Jan 20	15 WD	41 WD
MP090	PA	11 Feb 20	15 WD	58 WD
MP093	PA	21 Jan 20	15 WD	37 WD

Assessments completed in the last 12 months				
Modification	**Type**	**Returned**	**Target duration**	**Actual duration**
MP093	IA	6 Mar 20	40 WD	2 WD
MP099	PA	17 Mar 20	15 WD	27 WD

4. Opine

Modification Report Consultations

There are currently two Modification Proposals out for Modification Report Consultation:

- MP080 'Managing DUIS uplifts'
- MP115 'Changes to the NCSC Good Practice Guides'

The following Modification Report Consultations are expected to be issued in the week commencing 18 May 2020:

- SECMP0015 'GPF timestamp for reading instantaneous Gas values'
- MP098 'Incorporation of multiple Issue Resolution Proposals into the SEC – Batch 3'
- MP101 'Large Gas Meter Displays'
- MP110 'Aligning SEC Appendix D with DCC Processes'

Change Board votes

The Change Board voted on three modifications on 22 April 2020:

- MP093 'Implementing IRP511 and CRP353 to support GBCS v3.2 devices' was **approved** under Self-Governance for implementation in the November 2020 SEC Release.
- MP112 'Setting the Privacy Assessment Assurance Status' was **approved** under Self-Governance for implementation in the November 2020 SEC Release.
- MP114 'Alt HAN P2P Charging' was **approved** under Self-Governance for implementation in the June 2020 SEC Release.

The Change Board voted on two modifications during an ad-hoc Change Board meeting on 29 April 2020:

- MP123 'IVP realignment of SMETS2 v2.0 and v3.1' was **approved** under Self-Governance for implementation in the June 2020 SEC Release.
- SECMP0067 'Service Request Traffic Management' was sent to the Authority for final decision with a recommendation to **reject**.

Authority decisions

There were no Authority decisions in the last month.

There are three Modification Proposals currently with the Authority for decision:

- SECMP0067 'Service Request Traffic Management'
- MP084 'Other User Panel Seating Amendment'

- MP088 'Power to raise modifications'

Modification progression timescales

The timescales below cover the 12-month period up to the end of April 2020.

Proposal timescales		
Status	**Total**	**Average duration**
Proposals open (pre-decision)	50	310 WD
Proposals concluded in the last 12 months	22	120 WD

5. Releases

SEC Releases

Three modifications were implemented in the June 2020 Release (6 May 2020):

- SECMP0053 'Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes'
- SECMP0062 'Northbound Application Traffic Management – Alert Storm Protection' part 1
- MP114 'Alt HAN P2P Charging Data' (implemented on 7 May 2020)

Approved for release

There is currently one modification approved for implementation as a standalone release on 29 May 2020:

- MP123 'IVP realignment of SMETS2 v2.0 and v3.1'

There are currently five modifications approved for implementation in the November 2020 Release (5 November 2020):

- SECMP0062 'Northbound Application Traffic Management – Alert Storm Protection' part 2
- MP081 'Alignment of DUIS and CHISM to reflect current DCC Processing'
- MP093 'Implementing IRP511 and CRP535 to support GBCS v3.2 devices'
- MP112 'Setting the Privacy Assessment Assurance Status'
- MP120 'Correcting DUIS Matrix for SRV7.7 Eligible Users'

Data Communications Company

SEC Modification – DCC Assessments

DCC Monthly Update

Date:	**24/04/2020**
Author:	**DCC**
Classification:	**DCC Public**

1 Introduction

The purpose of this document is to provide an update on DCC's progress with the production of Preliminary (PAs) and Impact Assessments (IAs) (together "DCC assessments") as well as progress to delivery.

This document contains the delivery dates for DCC assessments that have been requested by Working Groups in accordance with SEC D6.9, as well as highlighting and providing rationale for any changes to the same report from the previous month.

This report is intended for:

- SEC Panel Members
- Parties
- Ofgem
- BEIS
- SECAS
- Any other interested stakeholders

Should you have any questions in relation to or comments on this report, please contact DCC at mods@smartdcc.co.uk.

2 Key and Definitions

The following has been provided to assist in the reader's understanding of the table in Section 3.

Key							
	PA in progress		IA in progress		No outstanding assessment request	**Greyed out text**	No further DCC input anticipated

Definitions					
PA WG Request Received Date	**Target PA Delivery Date**	**Actual PA Delivery Date**	**IA WG Request Received Date**	**Target IA Delivery Date**	**Actual IA Delivery Date**
The date that the PA is requested from DCC by SECAS	The target date that DCC will aim to submit the PA to WG	The actual date that the PA is delivered to WG by DCC	The date that the IA is requested from DCC by the WG	The target date that DCC will aim to submit the IA to WG	The actual date that the IA is delivered to WG by DCC

3 DCC Assessment Delivery Dates

This table provides an update on DCC's delivery of PAs and IAs to Working Groups.

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0078v2	Incorporation of multiple Issue Resolution Proposals into the SEC - Part 2'	PA in progress	17/04/2020	11/05/2020					PA in progress. Change Board on 25th March 2020 requested DCC complete a new Preliminary Assessment.
0092	New Planned Maintenance methodology	PA in progress	02/12/2019	30/04/2020					PA in progress
105	Sending SR11.2 to Devices in Suspended State	PA in progress	14/04/2020	05/05/2020					PA in progress
0106	CHISM update for Unknown WAN Variant	PA in progress	14/04/2020	05/05/2020					PA in progress
107	SMETS1 Validation of SRV 6.15.1	PA in progress							Request received on 20/04/2020.

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0090v2	Incorporation of Non GBCS Non-Mandated Alerts into the SEC	PA in progress	17/04/2020	11/05/2020					PA in progress. The business requirements have been updated and a new Preliminary Assessment has been requested.
0007	Firmware updates to IHDs and PPMIDs	IA in progress	N/A	14/06/2019	02/04/2019	30/07/2019	19/06/2020		IA in progress
0056	IHD / PPMID Zigbee Attributes Available on the HAN	IA in progress	24/01/2019	19/02/2019	24/04/2019	25/06/2019			IA in progress
0077	DCC Service Flagging	No outstanding assessment request	06/11/2019	18/12/2019	31/12/2019				Awaiting IA Request
0099	Incorporation of multiple Issue Resolution Proposals into the SEC - Batch 4	No outstanding assessment request	03/02/2020	02/03/2020	17/03/2020				Awaiting IA Request
0080	Ensuring a managed move to DUIS version 3.1	No outstanding assessment request	22/11/2019	20/12/2019	17/01/2020				Awaiting IA Request

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0024	Enduring Approach to Communication Hub Firmware Management	No outstanding assessment request	17/05/2019	10/06/2019	21/02/2020				Awaiting IA Request
0046	Allow DNOs to control Electric Vehicle chargers connected to Smart Meter infrastructure	No outstanding assessment request	22/07/2019	06/09/2019	06/09/2019				Awaiting IA request
0066	Advanced Shipment Notifications (ASN) for Consignment of Communications Hubs.	No outstanding assessment request	08/07/2019	30/07/2019	01/10/2019				Awaiting IA request
0015	GPF timestamp for reading instantaneous Gas values	No outstanding assessment request	03/10/2016	10/10/2016	20/03/2017	19/08/2019	04/11/2019	21/02/2020	No outstanding assessment request
0093	Implementing IRP511 and CRP535 to support GBCS v3.2 devices	No outstanding assessment request	02/12/2019	23/12/2019	21/01/2020	26/02/2020	06/03/2020	06/03/2020	No outstanding assessment request
0067	Service Request Traffic Management	No outstanding assessment request	N/A	07/06/2019	05/06/2019	12/02/2020	17/04/2020	12/03/2020	No outstanding assessment request. Currently with Authority for decision.

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0053	Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes	No outstanding assessment request	11/02/2019	23/01/2019	01/05/2019	05/08/2019	20/09/2019	20/09/2019	Approved by the Change Board under Self-Governance on 20 November 2019 and implemented on 06 May 2020 (June 2020 SEC Release).
0062	Northbound Application Traffic Management - Alert Storm Protection	No outstanding assessment request	06/12/2018	31/12/2018	31/01/2019	20/03/2019	20/05/2019	22/05/2019	Approved by the Change Board under Self-Governance on 7 February 2020. Part 1 was implemented on 06 May 2020 (June 2020 SEC Release) and part 2 will be implemented on 5 November 2020 (November 2020 SEC Release).

4 Modifications – Implementation Status

5 Modifications – No system impact assessment yet requested

SECMP #	Title	DCC Assessment Status
0028	Prioritising Service Requests	On hold
0037	Pairing Local PPMIDs	On hold
0055	Incorporation of multiple Issue Resolution Proposals into the SEC	Implemented
0012	Channel selection to support Shared HAN solutions	On hold
0013	Smart meter device diagnostics and triage	On hold.
0032	Prioritising Prepayment Customers in No WAN Situations	On hold – superseded by DP094
0038	Sending Commands via PPMIDs	On hold – superseded by DP094

6 Modifications – No further assessment required by DCC

SECMP#	Title	Date added	DCC Assessment Status
0058	Changes to the governance of the Self-Service Interface	24/04/2019	Implemented
0043	Modification to Services Force Majeure Provisions	23/04/2019	Implemented
0059	Amendments to SEC Security Assessments for Non-Domestic Suppliers and Other Users	23/01/2019	Implemented
0042	Amendment to SMKI Services to provide DCC Users and/or SMKI Participants with Authorised Responsible Officer (ARO) Statistics and Information	23/01/2019	Withdrawn
0039	Communication Hub returns notification mechanism for Other SEC Parties	04/03/2019	Implemented
0023	Correct Units of Measure for Uncontrolled Gas Flow Rate	30/01/2019	Implemented
0068	Alt HAN Company third party rights to enable external financing arrangements	28/01/2019	Implemented
0018	Standard Electricity Distributor Configuration Settings	24/01/2019	Implemented

SECMP#	Title	Date added	DCC Assessment Status
0064	Alt HAN Co permission to seek access for Alt HAN Activities as a representative of energy suppliers	28/02/2019	Implemented
0049	Section D Review: Amendments to the Modification Process	04/03/2019	Implemented
0025	Electricity Network Party Access to Load Switching Information	05/04/2019	Implemented
0002	Add New Command to Reset Debt Registers	06/10/2017	Rejected
0003	Deficiencies in the Service Request for setting Maximum Demand Configurable Time	01/12/2016	SECMP withdrawn
0004	Inclusion of Device Serial Number data item in the Smart Metering Inventory	03/03/2017	Rejected
0005	Include Tariff and Register Labels in SMETS2 Devices	03/05/2018	Withdrawn
0009	Centralised Firmware Library	03/012019	Accepted - implemented
0011	Including the MAP ID in the Smart Metering Inventory	03/03/2017	Rejected

SECMP#	Title	Date added	DCC Assessment Status
0014	Standardise Formatting of Device ID	02/11/2016	Withdrawn
0016	Consideration of "Maximum Credit" value in credit cover calculation	02/11/2016	Implemented
0017	CGR Phase 3 outcomes: Code Administrator to chair Modification Working Groups	02/11/2016	Implemented
0019	ALCS Description Labels	25/07/2018	Implemented
0020	Removal of the confidential classification of the unique identifiers listed in SEC Schedule 5	02/11/2016	Implemented
0021	Increase the representation of the "Other SEC Party" category on the SSC and TABASC.	02/11/2016	Rejected
0022	SMKI PMA Governance Changes	02/11/2016	Implemented
0033	Update to CH Handover Support Materials	02/06/2017	Implemented
0034	Changes to the SEC Section D for DCC analysis provisions	02/05/2018	Implemented

SECMP#	Title	Date added	DCC Assessment Status
0035	Updates to SEC Appendix B – Organisation ARL expiration date to be aligned to DCCKI ARL	07/07/2017	Implemented
0041	Amending the Change Board decision making rules for Modification Proposals	20/09/2018	Rejected
0044	User Security Assessment of a Shared Resource	25/07/2018	Implemented
0045	Incorporation of the requirements of the General Data Protection Regulations	02/05/2018	Implemented
0048	Extension of SMETS gas Valve exemption to include Large Gas Meters installed at Domestic Premises	25/07/2018	Implemented
0054	Changes to DCC Explicit Charges for Test Houses	06/06/2018	Withdrawn
0006	Specifying the number of digits for device display	08/11/2018	Implemented
0008	Provision of a DCC Alert (formerly Service Request Error Response) for Quarantined Service Requests	01/11/2018	Implemented

SECMP#	Title	Date added	DCC Assessment Status
0027	Amending Service Request Forecasting	01/11/2018	Implemented
0029	Business Continuity and Disaster Recovery Testing Amendments	01/11/2018	Implemented
0031	Adding UTRN Functionality to SMETS	08/10/2018	Withdrawn
0036	Single User ID for Users acting in one or more User Roles	14/09/2017	Implemented
0040	Changes to how DCC Users schedule and carry out User Security Assessments after completion of the User Entry Process	22/11/2017	Implemented
0047	Default Provisions for Other SEC Parties	31/10/2018	Implemented
0050	Section D Review: Moving the Working Group Terms of Reference to a separate document	01/11/2018	Implemented
0052	Updates to the DCCKI CP and DCCKI RAPP	01/11/2018	Implemented
0057	Users to notify SSC of a second or subsequent User System	28/02/2019	Implemented

SECMP#	Title	Date added	DCC Assessment Status
0061	Enduring SEC Release Provisions	28/02/2019	Implemented
0065	SMETS1 Security Obligation	08/11/2018	Implemented
0030	Demand Management of DCC Systems	19/12/2017	Withdrawn
0001	Updating the SEC to reflect abolition of the National Consumer Council (NCC)	27/05/2014	Implemented
0026	Changes to the Security Sub-Committee Nomination Process	15/03/2017	Implemented
0051	Section D Review: Amendments to the Fast Track Modification process	01/11/2018	Implemented
0060	Amend Requirements to remove 'Pending' devices from SMI	04/09/2018	Implemented
0063	Ensuring correct Network Operator Certificates are placed on Electricity Smart Meters	02/10/2018	Withdrawn