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Action:	**For Information**

Change Status Report – September 2019

1. Purpose

This document is the Change Status Report, which provides information on the progress of SEC Draft Proposals, Modification Proposals and Releases.

The DCC's progress report on Preliminary Assessments and Impact Assessments is included as Appendix A to this report.

2. Recommendations

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

Jordan Crase

SECAS Team

6 September 2019

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

Draft Proposals for conversion

There is one Draft Proposal being presented to the Panel for conversion to a Modification Proposal this month:

- DP079 'Provisions for withdrawing modifications'

Modification Reports

No Modification Reports are being presented to the Panel this month.

Decisions

The Change Board sent back one Modification Proposal this month:

- SECMP0062 'Northbound Application Traffic Management - Alert Storm Protection'

2. Define

New Draft Proposals

DP080

DP080 'Ensuring a managed move to DUIS version 3.0' was raised by the DCC on 6 August 2019.

Version 3.0 of the DCC User Interface Specification (DUIS) is the first version that supports both Smart Metering Equipment Technical Specifications (SMETS)1 and 2 meters, and was designated on 28 July 2019. The DCC believe collective discussion is urgently required to agree a managed process for all DCC Users to move to using DUIS version 3.0 (or higher).

DP081

DP081 'Alignment of DUIS and CHISM to reflect current DCC Processing' was raised by the DCC on 6 August 2019.

The DCC Design Release Forum and an internal DCC review identified a need to include clarification in the SEC around DCC processing. This clarification should provide a detailed explanation of current DCC processing and align the SEC to reflect this. The DCC are concerned that points of detail that are not currently explained could adversely affect User understanding of DCC Systems. If not amended, this is likely to lead to DCC Incidents which could otherwise be avoided.

DP082

DP082 'Alt HAN Channel Selection' was raised by Scottish Power on 13 August 2019.

As smart metering deployments start in Multi Dwelling Units (MDUs) using both standard and Alternative Home Area Network (Alt HAN) technologies, there could be well over a hundred Communications Hubs and Smart Meters in some meter rooms competing for access to the available ZigBee radio channels. Currently the ZigBee 2.4GHz channel selected at install will be set for the life of the Smart Metering System unless the Communications Hub is exchanged.

DP083

DP083 'Change Coordination' was raised by the DCC on 23 August 2019.

Changes to Users Systems, Devices and processes can have a direct impact on DCC Systems and the overall Smart Metering network. When changes are made to Systems, new Devices are introduced, or updates are made to existing Devices, there is a risk that these activities may impair the performance of the DCC Total System. And in extreme cases, there is a possibility that the Services could be disrupted. There are no obligations in the SEC for DCC Users to provide such information. This means the DCC does not have a full view of changes and the potential impacts they may have on DCC Systems.

Change Sub-Committee decisions

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

- DP079 'Provisions for withdrawing modifications'

3. Refine

Working Group meetings

The monthly Working Group meeting was held on **4 September 2019**, and included the following modifications:

- SECMP0063 'Ensuring correct Network Operator Certificates are placed on Electricity Smart Meters'
- MP077 'DCC Service Flagging'

Refinement Consultations

There are no Modification Proposals currently out for Refinement Consultation. No new consultations are expected to be issued this month.

Impact Assessment requests

The Change Board voted on one Impact Assessment request on 21 August 2019:

- SECMP0067 'Service Request Traffic Management'– the request was rejected pending further work being carried out.

DCC Assessment timescales

The timescales below are correct as at the end of August 2019.

Summary		
Assessment	**Total**	**Average duration**
Preliminary Assessments open	3	50 WD
Preliminary Assessments completed during 2019/20	5	79 WD
Impact Assessments open	3	29 WD
Impact Assessments completed during 2019/20	1	77 WD

Open Assessments				
Modification	**Type**	**Accepted**	**Target duration**	**Current duration**
SECMP0007	IA	30 Jul 19	40 WD	24 WD
SECMP0024	PA	29 May 19	15 WD	68 WD
SECMP0046	PA	29 Jul 19	15 WD	25 WD
SECMP0053	IA	5 Aug 19	40 WD	20 WD
SECMP0056	IA	2 Jul 19	40 WD	44 WD
SECMP0066	PA	13 Jun 19	15 WD	57 WD

Assessments completed during 2019/20				
Modification	**Type**	**Returned**	**Target duration**	**Actual duration**
SECMP0007	PA	11 Apr 19	15 WD	201 WD
SECMP0053	PA	2 May 19	15 WD	87 WD
SECMP0056	PA	24 Apr 19	15 WD	65 WD
SECMP0062	IA	4 Jul 19	40 WD	77 WD
SECMP0063	PA	9 Aug 19	15 WD	18 WD
SECMP0067	PA	5 Jun 19	25 WD	21 WD

4. Opine

Modification Report Consultations

There are no Modification Proposals currently out for Modification Report Consultation. No new consultations are expected to be issued this month.

Change Board votes

The Change Board voted on one modification on 21 August 2019:

- SECMP0062 'Northbound Application Traffic Management - Alert Storm Protection' was **sent back** for further clarification to be provided in the Modification Report.

Authority decisions

There were no Authority decisions in the last month.

Proposal progression timescales

The timescales below are correct as at the end of August 2019.

Proposal timescales		
Status	**Total**	**Average duration**
Proposals open (pre-decision)	25	397 WD
Proposals concluded during 2019/20	10	201 WD

5. Release

SEC Releases

Approved for release

There is currently one modification that is approved for implementation as a standalone release:

- SECMP0069 'EU Exit Changes' is to be implemented on UK EU Exit Day.

There are currently nine modifications that are approved for implementation in the **November 2019 SEC Release** (7 November 2019):

- SECMP0018 'Standard Electricity Distributor Configuration Settings'
- SECMP0023 'Correct Units of Measure for Uncontrolled Gas Flow Rate'
- SECMP0025 'Electricity Network Party Access to Load Switching Information'
- SECMP0039 'Communication Hub returns notification mechanism for Other SEC Parties'
- SECMP0055 'Incorporation of multiple Issue Resolution Proposals into the SEC'
- SECMP0060 'Amend Requirements to remove 'Pending' devices from SMI'
- MP071 'Second-Comer Charging'
- MP073 'Alteration of SMKI Repository information and documentation'
- MP074 'Clarity on Obtaining SMKI Device Certificates'

Data Communications Company

SEC Modification – DCC Assessments

DCC Monthly Update

Date:	**04 September 2019**
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
0024	Enduring Approach to Communication Hub Firmware Management	PA in progress	05/07/2018	03/07/2019					PA in progress
0046	Allow DNOs to control Electric Vehicle chargers connected to Smart Meter infrastructure	PA in progress	22/07/2019	06/09/2019					PA in progress
0066	Advanced Shipment Notifications (ASN) for Consignment of Communications Hubs.	PA in progress	08/07/2019	30/07/2019					PA in progress
007	Firmware updates to IHDs and PPMIDs	IA in progress	N/A	14/06/2019	02/04/2019	30/07/2019	20/10/2019		IA in progress
0015	GPF timestamp for reading instantaneous Gas values	IA in progress	03/10/2016	10/10/2016	20/03/2017	19/08/2019	20/09/2019		IA in progress
0053	Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes	IA in progress	11/02/2019	23/01/2019	01/05/2019	05/08/2019	20/09/2019		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	31/10/2019		IA in progress

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
0010	Introduction of triage arrangements for Communication Hubs	No outstanding assessment request	N/A	30/03/2019	17/05/2019				xxxx
0012	Channel selection to support Shared HAN solutions	No outstanding assessment request	23/12/2016		13/09/2017				On hold indefinitely until the Alt HAN project reaches a position that can inform the Working Group of the value of progressing it
0013	Smart meter device diagnostics and triage	No outstanding assessment request	N/A	30/03/2019	22/05/2019				Hold
0032	Prioritising Prepayment Customers in No WAN Situations	No outstanding assessment request	18/04/2018		12/10/2018				On Hold
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	Change Board on 21/08/2019 decided to send this Modification back to the Working Group
0063	Ensuring correct Network Operator Certificates are placed on Electricity Smart Meters	No outstanding assessment request	25/06/2019	17/07/2019	01/08/2019				Awaiting IA request
0067	Service Request Traffic Management	No outstanding assessment request	N/A	07/06/2019	05/06/2019				
0038	Sending Commands via PPMIDs	No outstanding assessment request	16/10/2017	15/06/2018	02/07/2018	05/09/2018	12/10/2018	12/10/2018	On hold

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
0060	Amend Requirements to remove 'Pending' devices from SMI	No outstanding assessment request	04/10/2018		12/12/2018	17/01/2019	06/03/2019	29/01/2019	Awaiting Implementation.

4 Modifications – Implementation Status

SECMP #	Title	DCC Implementation Status
0025	Electricity Network Party Access to Load Switching Information	Awaiting Implementation – awaiting implementation in Nov'19 release

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	Awaiting Implementation. 07/11/2019

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

SECMP #	Title	Date added	DCC Assessment Status
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	Awaiting implementation
0023	Correct Units of Measure for Uncontrolled Gas Flow Rate	30/01/2019	Awaiting implementation
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	Awaiting Implementation 07/11/2019
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	Awaiting implementation
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

SECMP #	Title	Date added	DCC Assessment Status
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
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

SECMP #	Title	Date added	DCC Assessment Status
0034	Changes to the SEC Section D for DCC analysis provisions	02/05/2018	Implemented
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
0027	Amending Service Request Forecasting	01/11/2018	Implemented
0029	Business Continuity and Disaster Recovery Testing Amendments	01/11/2018	Implemented

SECMP #	Title	Date added	DCC Assessment Status
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
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

SECMP #	Title	Date added	DCC Assessment Status
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