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Action:	For Information

DP204 Issue

1. Purpose

[DP204 'Incorporation of Category 3 Issue Resolution Proposals into the SEC – Batch 8'](#) has been raised to implement 10 Issue Resolution Proposals (IRPs) into the Smart Energy Code (SEC). The purpose of this paper is to gain the Technical Architecture and Business Architecture Sub-Committee's (TABASC) views on the issues and Proposed Solutions before proceeding to Report phase.

This paper provides a high-level summary of the key points. The legal text for each IRP can be found in Appendix A.

2. What are the issues?

This section summarises the key points of this Modification Proposal. More information is available in the Modification Report in Appendix B.

DP204 contains 10 IRPs. These issues and associated solutions have been discussed and agreed at the Technical Specifications Issue Resolution Sub-group (TSIRS).

As part of the IRP process, TSIRS develops the legal text to deliver the solution. They have provided amendments to the Great Britain Companion Specification (GBCS) and Smart Metering Equipment Technical Specifications (SMETS) that will deliver the required changes.

The DCC and its Service Providers have advised that these will not require system changes, nor need DCC system testing.

Most of these IRPs update incorrect references or provide greater clarity by updating the Technical Specifications, or by providing improved explanatory notes. However, there is the potential that some could impact Device behaviour, and these are summarised in more detail in the section below.

2.1 IRPs correcting inconsistency within the Specifications

A summary of those IRPs that aim to update inconsistencies or errors is set out in the table below.

IRPs correcting inconsistency within the Specifications				
IRP Ref	IRP Title	Impacted Technical Specification	Impacted Users	Issue
IRP638	Clarifications following TS1358	GBCS v4.x	None	Incorrect references
IRP641	Debt to Clear definition query	SMETS	None	Incorrect references
IRP645	Clarity on Event/Alert Code information	GBCS v4.x	Device Manufacturers Suppliers	Inconsistency in Specifications
IRP650	Correct SMETS refs in GBCS Table 16.2 for EC35g	GBCS v4.x	None	Incorrect references
IRP652	Aligning Alerts Table Configuration Responsibility	GBCS v4.x	DCC Service Users	Inconsistency in Specifications
IRP654	Query related to attributes of twin element meter	GBCS v4.x	Device Manufacturers	Lack of clarity in Specifications
IRP656	Correcting referencing in GBCS Alerts Table	GBCS v4.x	None	Incorrect references

2.2 IRP643 ‘Snapshots for multiple GSME actions’

The Technical Specifications require that Gas Smart Metering Equipment (GSME) undertake several actions at the same time, e.g., at midnight.

If these actions include the taking of a snapshot as well as steps that may update a value in that snapshot, then the order the GSME carries them out is important, in terms of the accuracy of data provided to Consumers and DCC Users. IRP643 will insert a recommendation that Gas Smart Metering Equipment (GSME) should undertake all actions that could affect a value, prior to providing a snapshot.

2.3 IRP651 ‘Preventing Double Band End Devices changing band after I&C’

A Device (other than a Communications Hub) that can operate on 2.4 Gigahertz (GHz) and Sub GHz bands, but not both at the same time, should effectively become single band once installed and commissioned. The Device should only be able to operate on the other band if it is subsequently factory reset and installed and commissioned again. The solution removes the exception of Devices being able to change band following a *Trust Centre re-join*.

2.4 IRP653 ‘Clarify CCS01 UC text to more clearly state intent’

The previously implemented IRP510 ‘CH behaviour on 2nd CCS01’ provided information on Communications Hub behaviour when presented with two “join” commands consecutively. It has been identified that the text within the use case does not provide sufficient clarity and this aims to update

that, to ensure the Communications Hub behaviour is as the original updated intended. It is noted that the current Communications Hubs all behave as per this proposed clarification text.

3. Questions for the TABASC

We seek the TABASC's view on the following questions to feed into the Modification Report before we proceed to the Report Phase:

- Do the issues identified need to be resolved?
- Do the proposed solutions by TSIRS fully and accurately deliver the technical solutions?
- Should these be implemented in the November 2022 SEC Release?

4. Next steps

In conjunction with the TABASC feedback, we will issue move to the Report Phase. Unless the feedback we receive suggests otherwise, we will seek the Change Board's approval to implement these IRPs in the November 2022 SEC Release.

5. Recommendations

The TABASC is asked to:

- **CONFIRM** that the issues identified should be resolved.
- **CONFIRM** that the proposed solutions by TSIRS fully and accurately delivers the technical solution.
- **CONFIRM** that the solutions should be implemented in the November 2022 SEC Release.

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SECAS Team

9 June 2022

Attachments:

- **Appendix A:** DP204 IRP Details
- **Appendix B:** DP204 Modification Report