



SMETS1 Consultation on additional changes to the S1SR for Aclara and MOC (Secure)

**DCC's consultation on proposed changes to the
SMETS1 Supporting Requirements document**

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1. Introduction and Context

1.1. Programme Context

In the initial stages of the smart meter roll-out across Great Britain, a number of energy suppliers have installed first generation smart devices (known as SMETS1 devices), in consumers' premises. SMETS1 devices installed by one energy supplier, however, are not always interoperable with and supported by the systems used by another supplier. The Data Communications Company (DCC) has developed a plan and designed a solution for the incorporation of such devices into its national network. It provides important shared benefits for industry and consumers and intends to offer the ability for SMETS1 consumers to maintain their smart services following a decision to switch suppliers. c

The DCC solution relies on a common DCC User interface, defined in the DCC User Interface Specification (DUIS) for users of both SMETS1 and SMETS2 devices. SMETS1 specific processing or operating requirements are defined in the SMETS1 Supporting Requirements (S1SR) document – Appendix AM of the SEC.

1.2. S1SR Development background

The latest designated version of the S1SR (version 4.0) came into effect on 26 July 2020 aligned to the initial go live of the MOC (Secure) cohort.

Between July and August 2020 DCC consulted on further changes to the S1SR in respect to MOC (Secure). DCC concluded¹ on these changes on 4 November 2020 as draft version 4.3. These changes are scheduled to be re-designated on 16 November 2020 (or within one month thereafter) depending on the consultation on the date for re-designation.

Additionally, there was also a consultation² on further changes to S1SR regarding FOC (5.1) that closed on 6 November 2020. Conclusions to this consultation will be issued in due course and is due to be re-designated in line with the FOC capability release scheduled for 13 December 2020.

This document sets out a further consultation on the proposed changes that DCC has identified as a result of new Device Specific Behaviours for MOC (Secure) and an additional change for IOC regarding Aclara devices. DCC has marked this as draft version AM 5.2 against the version AM 5.1.

The changes proposed by this consultation document are distinct from the FOC consultation and thus DCC considers that consulting prior to the conclusion of the FOC related consultation is acceptable given the overall objective to expedite SMETS1 migrations.

2. Proposed Changes to the S1SR

In this consultation, DCC is proposing a limited number of changes related to MOC (Secure) and IOC. DCC has become aware of a small number of device specific behaviours for the MOC (Secure) Devices which are described in the table below. These cover three instances of clarification of behaviour already recorded and one new S1SP default value update.

¹ <https://www.smartdcc.co.uk/customer-hub/consultations/dcc-conclusion-on-s1sr-for-moc-secure-and-date-consultation/>

² <https://www.smartdcc.co.uk/customer-hub/consultations/consultation-on-changes-to-the-smets1-supporting-requirements-document-and-uiss-for-foc/>

In addition and following further testing, DCC has also established that there is a device specific behaviour for Aclara devices that requires a change to the S1SR for the IOC Cohort related to auxiliary load control switching.

Table 2 below provides an overview of these changes.

| Drafting Reference | Cohort | Description |
|--------------------|--------------|---|
| 18.1 (k) | IOC | Documenting the requirements for Aclara Devices to enable an auxiliary load control switch. |
| 18.4(l) – 18.4(r) | MOC (Secure) | Clarifying the circumstances that these default values will apply, namely only when switching from Credit to Prepayment mode. |
| 18.5(p) | MOC (Secure) | Making an addition to the rules for the acceptance of a valid non-disconnect calendar by the ESME. |
| 18.5(t) | MOC (Secure) | Making an addition to the rules for the acceptance of a valid non-disconnect calendar by the GSME. |
| Annex C | MOC (Secure) | Addition of a default value for periodicity of a block tariff where no Billing Calendar has been set. |

Table 2 Summary of S1SR Changes

There are three separate questions covering each aspect of the proposed changes to the S1SR.

NOV2020 S1SR Q1 Do you agree with the proposed amendments to the S1SR in Clause 18 of that document, that have been added to describe the device behaviours specific for the Aclara devices? Do you have any detailed comments on the relevant changes to the legal drafting? Please provide a rationale for your views.

NOV2020 S1SR Q2 Do you agree with the proposed amendments to the S1SR in Clause 18 of that document, that have been added to describe the device behaviours specific to the MOC Secure devices? Do you have any detailed comments on the relevant changes to the legal drafting? Please provide a rationale for your views.

NOV2020 S1SR Q3 Do you agree with mappings of clauses in Clause 18 of S1SR to the relevant Device Models in DMVES for MOC (Secure)? Do you have any detailed comments on the relevant changes to the legal drafting? Please provide a rationale for your views.

3. Next Steps

Following the closure of this further consultation, DCC will take into account respondents' views, and, subject to the consultation responses received, submit to the Department for Business, Energy and Industrial Strategy (BEIS) an amended version of the S1SR that it considers suitable for re-designation into the SEC by the Secretary of State.

DCC is aiming to provide the updated version of the S1SR to BEIS no later than 27 November 2020. DCC has discussed the re-designation of the S1SR with BEIS and it is proposed that, subject to timely receipt of DCC's report and copies of relevant stakeholder responses to this consultation, BEIS will re-designate the S1SR on 4 December 2020 or as soon as reasonably practicable within one month thereafter.

In order to expedite the re-designation of the S1SR, DCC is also seeking views on behalf of BEIS on the proposed date for re-designation of the S1SR as well as the draft direction which is presented in Attachment 1 of this consultation document for stakeholder consideration.

**NOV2020
S1SR
Q4**

Do you agree with the proposed re-designation date of 4 December 2020 (or, if necessary, as soon as reasonably practicable within one month thereafter) for the updates to the S1SR using draft notification at Attachment 1?

4. How to Respond

Please provide responses in the attached template by 1600 on 20 November 2020 to DCC at consultations@smartdcc.co.uk.

Consultation responses may be published on our website www.smartdcc.co.uk. Please state clearly in writing whether you want all or any part, of your consultation to be treated as confidential. It would be helpful if you could explain to us why you regard the information you have provided as confidential. Please note that responses in their entirety (including any text marked confidential) may be made available to the Department for Business, Energy and Industrial Strategy (BEIS) and the Gas and Electricity Markets Authority (the Authority). Information provided to BEIS or the Authority, including personal information, may be subject to publication or disclosure in accordance with the access to information legislation (primarily the Freedom of Information Act 2000, the Data Protection Act 2018 and the Environmental Information Regulations 2004). If BEIS or the Authority receive a request for disclosure of the information we/they will take full account of your explanation (to the extent provided to them), but we/they cannot give an assurance that confidentiality can be maintained in all circumstances. An automatic confidentiality disclaimer generated by your IT system will not, of itself, be regarded by us as a confidentiality request.

If you have any questions about the consultation documents, please contact DCC via consultations@smartdcc.co.uk.

5. Attachments

- Attachment 1: Draft Direction
- Attachment 2: Response Template

- Attachment 2: SEC Appendix AM SMETS1 Supporting Requirement AM 5.2 – redline against AM 5.1
- Attachment 3: SEC Appendix AM Annex A Device Model Variations to Equivalent Steps Matrix (updated for AM 5.2)

Attachment 1

This attachment contains the text that BEIS plans to use for direction of changes to the S1SR.

S1SR Draft Direction Text

This direction is made for the purposes of the smart meter communication licences granted under the Electricity Act 1989 and the Gas Act 1986 (such licences being the "DCC Licence") and the Smart Energy Code designated by the Secretary of State pursuant to the DCC Licence (such code being the "SEC").

Words and expressions used in this direction shall be interpreted in accordance with Section A (Definitions and Interpretation) of the SEC.

Pursuant to Condition 22 of the DCC Licence and Section X5 (Incorporation of Certain Documents into this Code) of the SEC, the Secretary of State directs that, with effect from [DD MM YYYY], the SMETS1 Supporting Requirements previously designated and incorporated into the SEC as Appendix AM is hereby re-designated and incorporated in the form set out in Annex [XX] to this direction.

For the avoidance of doubt such re-designation of the SMETS1 Supporting Requirements shall be without prejudice to anything done under the DCC Licence or the SEC on or after this document first being designated, or to the continuing effectiveness of anything done this document prior to its re-designation (which shall have effect as if done under the re-designated document).

This direction is also being notified to the SEC Administrator.