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DP297 ‘November 2025 SEC Release housekeeping’

Annex A

Legal text – version 1.0

About this document

This document contains the redlined changes to the SEC that would be required to deliver this Modification Proposal.

SEC Schedule 4 - SECCo

These changes have been redlined against SEC Schedule 4 version 8.0.

Amend Section 2.1 as follows:

2. Additional Definitions and Interpretation

2.1 In this Schedule, except where the context otherwise requires, the following words and expressions shall have the following meanings:

Articles means the articles of association of SECCo, as amended from time to time.

Board means the board of directors of SECCo at the relevant time.

Director means a director of SECCo from time to time.

Eligible Party means a Party that is not the DCC (which, for the avoidance of doubt, does not include SECCo), and which either:

- (a) holds an Energy Licence that obliges it to be a party to this Code; or
- (b) does not hold an Energy Licence that obliges it to be a party to this Code, but has opted (by notice in writing to the SECCo Secretary) to be a Shareholder.

Objective means (a) acting as a corporate vehicle in relation to the business of the Panel as described in Section C7.12 (SECCo); (b) considering and determining whether to procure or establish the subsidiary company referred to in Section C7.12A (SECCo), and (c) where such a subsidiary company is procured or established acting as the shareholder of it

Retiring Shareholder means either:

- (c) a Shareholder that ceases to be a Party; or
- (d) a Shareholder that does not hold an Energy Licence that obliges it to be a party to this Code and which gives notice that it no longer wishes to be a Shareholder (such notice to be given in writing to the SECCo Secretary).

SECCo Chair means the chairman of the Board from time to time.

SECCo Secretary means the company secretary of SECCo from time to time.

Share means an ordinary share of £1 each in the share capital of SECCo.

Shareholder means a person from time to time registered as a holder of a Share.

Subscribing Shareholders means each Eligible Party that agreed (prior to the designation of this Code) to become a Shareholder with effect from the designation of this Code.

SEC Section F – Smart Metering Systems Requirements

These changes have been redlined against SEC Section F version 25.0.

Amend Section F2.19 as follows:

F2.19 In its application for Trial Device Approval, the applicant Manufacturer must evidence that the SMETS2+ Device Model for which it is seeking approval has all Assurance Certificates other than a CPA Certificate issued by the ~~the~~ CPA Scheme Operator.

Appendix AD ‘DCC User Interface Specification’

These changes have been redlined against Appendix AD version 5.3.

The table below shows which version of DUIS will be updated.

	1.1	2.0	3.0	3.1	4.0	5.0	5.1	5.2	5.3 (26 June 25)	5.4 (6 November 2025)	What is the change?
Appendix AD - DCC User Interface Specification											
3.8.43 Create Schedule											
3.8.43.3 Specific Validation for this Request									X	X	Versions 5.3 and 5.4 only. Adding 2 extra response codes to the table
3.8.63 Read Event Or Security Log				X	X	X	X	X	X	X	Versions 3.1, 4.0, 5.0, 5.1, 5.2, 5.3 and 5.4. Typo error corrected 'ECS35g' not 'f'
3.8.104 Read Inventory											
3.8.104.4 Specific Data Items in the Response	X	X	X	X	X	X	X	X	X	X	All verions. Spelling error corrected to 'Status'
3.8.104.4 Specific Data Items in the Response										X	Version 5.4. VWAN change, DESNZ. Adding a row 'Connectivity' on table 227
3.8.120 Communications Hub Status Update – Fault Return											
3.8.120.3 Specific Validation for this Request										X	MP252. 5.4
3.8.120.4 Additional DCC System Processing	X	X	X	X	X	X	X	X	X	X	MP252. All versions. Adding 'Additional DCCSystem Processing' paragraph
3.8.121 Communications Hub Status Update – No Fault Return											
3.8.121.3 Specific Validation for this Request										X	MP252. 5.4
3.8.121.4 Additional DCC System Processing	X	X	X	X	X	X	X	X	X	X	MP252. All versions. Adding 'Additional DCCSystem Processing' paragraph

Amend Section 3.8.43.3 as follows:

3.8.43.3 Specific Validation for this Request

See clauses 3.2.4 and 3.2.5 for general validation applied to all Requests (applicable to the Create Schedule and to the Scheduled Service Request) and clause 3.10.2 for Create Schedule Device ID existence validation.

Response Code	Response Code Description
E050101	The Schedule Start Date is not a future date
E050102	The Schedule End Date is mandatory for User Role “OU”
E050103	The Schedule End Date is earlier than the Schedule Start Date
E050105	The Service Request format does not match the Service Reference Variant in the DCC Schedule. The combination of DSPScheduledServiceReference and DSPScheduledServiceReferenceVariant is not valid
E050107	One of:

	- User's Role is Unknown Remote Party to the Device and the DCC Scheduled Service Response contains Sensitive data and Request does not include the User's Key Agreement Public Security Credentials Or - User's Role is Known Remote Party to the Device and / or the DCC Scheduled Service Response doesn't contain Sensitive data and Request includes the User's Key Agreement Public Security Credentials
E050108	Unable to create Schedule, because the User already owns 99 active DSP Schedules for the Device
E050109	The DSP Service Request format doesn't match the DSP Service Reference Variant in the Create Schedule message
E050111	The DSPScheduledServiceReferenceVariant is not applicable for a MDR user
E050112	The DSPScheduledServiceReferenceVariant is not applicable to SMETS2 Services

Amend Section 3.8.63.1 as follows:

3.8.63 Read Event or Security Log

3.8.63.1 Service Description

Service Request Name	ReadEventOrSecurityLog
Service Reference	6.13
Service Reference Variant	6.13
Eligible Users	Import Supplier (IS) Gas Supplier (GS) Electricity Distributor (ED) Gas Transporter (GT) Registered Supplier Agent (RSA)
Security Classification	Non Critical
BusinessTargetID - Device Type applicable to this request	Electricity Smart Meter (ESME) Gas Smart Meter (GSME) Gas Proxy Function (GPF) Communications Hub Function (CHF)
Can be future dated?	No
On Demand?	Yes

Capable of being DCC Scheduled?	No	
Command Variants applicable to this Request - (Only one populated)	1 - Send (Non-Critical) 2 - Return for local delivery (Non-Critical) 3 - Send and Return for local delivery (Non-Critical)	
Common Header Data Items	See clause 3.4.1.1	
Data Items Specific to this Service Request	See Specific Data Items Below	
Possible responses from this Service Request	These are the possible responses applicable to this Service Request. Please see clause 3.5 for more details on processing patterns - Acknowledgement - Service Response from Device – GBCSPayload - Response to a Command for Local Delivery Request – LocalCommand Format Also see Response Section below for details specific to this request	
Response Codes possible from this Service Request	See clause 3.5.10 for Common Response Codes	
GBCS Cross Reference	Electricity	Gas
GBCS v1.0 or v2.0 MessageCode	0x0048 (Device event log) 0x0049 (Device security log) 0x0093 (CHF event log) 0x0094 (CHF security log) 0x00B9 (ESME power event log) 0x00BA (ESME HAN ALCS event log)	0x0014 (Device event log) 0x00A1 (Device security log)
GBCS v1.0 or v2.0 Use Case	ECS35a (Device event log) ECS35b (Device security log) ECS35c (CHF event log) ECS35d (CHF security log) ECS35e (ESME power event log) ECS35f (ESME HAN ALCS event log)	CS10a (Device event log) CS10b (Device security log)
GBCS v3.2 or later MessageCode	0x0048 (Device event log) 0x0049 (Device security log) 0x0093 (CHF event log) 0x0094 (CHF security log) 0x00B9 (ESME power event log) 0x00FD (ESME ALCS/ Auxiliary Controller event log)	0x0014 (Device event log) 0x00A1 (Device security log)
GBCS v3.2 or later Use Case	ECS35a (Device event log) ECS35b (Device security log) ECS35c (CHF event log) ECS35d (CHF security log) ECS35e (ESME power event log) ECS35g (ESME ALCS/ Auxiliary Controller event log)	CS10a (Device event log) CS10b (Device security log)
GBCS Commands - Versioning Details		
DCC System creates the following GBCS Commands or Response Codes based on the following combinations,		
Device Type	ESME	

GBCS version that pertains to the Device Model recorded in the SMI for the Business Target Device ID specified in the Service Request	GBCS v1.0 or v2.0	GBCS v3.2 or later
XML Criteria - XML data item LogToRead is ALCSEvent and User Role is IS	ECS35f	ECS35gf
XML Criteria - XML data item LogToRead is ALCSEvent and User Role is ED	E061304	ECS35g

Amend Section 3.8.104.4 as follows:

3.8.104.4 Specific Data Items in the Response

This Service Response is defined in the XSD ResponseMessage DSPInventory XML element, which contains the DSP Inventory details applicable to a single premises or Device.

The DCC shall return the following data items which are specific to this Service Response:

Data Item	Description / Values	Type	Mandatory	Default	Units
Device	Minimum 1 and maximum 17 Devices	sr:Device maxOccurs = 17	Yes	None	N/A
Per Device (complex type sr:Device) found at that Smart Metering System:					
DeviceID	Device ID of a Device in the Smart Metering System	sr:EUI (See clause 3.10.1.3)	Yes	None	N/A
DeviceType	The Type of device Valid set: • ESME • GSME • GPF • CHF • HCALCS • PPMID • IHD • CAD	sr:DeviceType (Restriction of xs:string (Enumeration))	Yes	None	N/A

Data Item	Description / Values	Type	Mandatory	Default	Units
DeviceStatus	An indicator giving the status of the device Valid set: • Pending • Whitelisted • InstalledNotCommissioned • Commissioned • Decommissioned • Withdrawn • Suspended • Recovery • Recovered Device Status is not applicable to Type 2 Devices, i.e. IHD and CAD	sr:DeviceStatus (Restriction of xs:string (Enumeration))	Device Type = Type 2(IHD, CAD): N/A Otherwise: Yes	None	N/A
DeviceManufacturer	The name of the Device's Manufacturer With the exception of IHD and CAD: • The Device Manufacturer is the <device_model_manufacturer_identifier> from the CPL and presented in the format XXXX where each X is one of the characters 0 to 9 or A to F • This data item matches the value on the CPL For IHD and CAD this data item is free text	sr:DeviceManufacturer (Restriction of xs:string (maxLength = 30))	Yes	None	N/A

Data Item	Description / Values	Type	Mandatory	Default	Units
DeviceModel	The specific model of the device, as used by the manufacturer. With the exception of IHD and CAD: - The Device Model is the concatenation of <device_model.model_id entifier><device_model.hardware_version.version><device_model.hardware_version.revision> from the CPL and presented in the format XXXXXXXX where each X is one of the characters 0 to 9 or A to F Where: - the first 4 characters are the model identifier - the next 2 characters are the hardware version.version - the final 2 characters are the hardware version.revision - This data item matches the value on the CPL For IHD and CAD this data item is free text	sr:DeviceModel (Restriction of xs:string (maxLength = 30))	Yes	None	N/A
SMETSCHTSVersion	The version of SMETS or CHTS that the device complies with. This should align with the SMETS_CHTS version_number value contained on the CPL.	sr:SMETSCHYSVersion (Restriction of xs:string (minLength = 1, maxLength = 20))	Device Type = CAD: N/A Otherwise: Yes	None	N/A

Data Item	Description / Values	Type	Mandatory	Default	Units
DeviceFirmwareVersion	The operational version of Firmware of the Device The Firmware version as held in the CPL and presented in the format XXXXXXXX where each X is one of the characters 0 to 9 or A to F. This data item matches the value on the CPLA The binary value shall be four octets in length and shall correspond to the File Version field in the ZSE OTA Header structure.	Restriction of xs:string (minLength = 1, maxLength = 8)	Device includes Firmware: Yes Otherwise: N/A	None	N/A
DeviceFirmwareVersionStatus	The status of the Firmware Version Valid set: - Active - Cancelled - Expired - Withdrawn The status displayed in DeviceFirmwareVersionStatus maps to the status on the Central Products List as per the Data Item values to CPL values Mapping table below:	sr:FirmwareVersionStatus (Restriction of xs:string (Enumeration))	Device includes Firmware: Yes Otherwise: N/A	None	N/A

Data Item	Description / Values	Type	Mandatory	Default	Units
CPLStatus	The CPL Assurance Certificate Status Valid set: - Active - Cancelled - Expired - Withdrawn The status displayed in CPL Status maps to the status on the Central Products List as per the Data Item values to CPL values Mapping table below:	sr:CPLStatus (Restriction of xs:string (Enumeration))	Device includes Firmware: Yes Otherwise: N/A	None	N/A
DateCommissioned	Where applicable, the date when the Device was commissioned	xs:date	Device Type = IHD,CAD: N/A Device has been commissioned: Yes Otherwise: No	None	UTC Date
ImportMPxN	The reference number identifying an import electricity or a gas metering point	sr:ImportMPxN Restriction of xs:string (minLength = 1, maxLength = 13)	Device Type = ESME, GSME: No Otherwise: N/A	None	N/A

Data Item	Description / Values	Type	Mandatory	Default	Units
SecondaryImportMPAN	The reference number identifying a Twin Element Import electricity secondary metering point	sr:MPAN Restriction of xs:string (minLength = 13, maxLength = 13)	Device Type = ESME and ESME Variant = B: No Otherwise: N/A	None	N/A
ExportMPAN	The reference number identifying an export electricity metering point	sr:MPAN Restriction of xs:string (minLength = 13, maxLength = 13)	Device Type = ESME and includes Export capability: No Otherwise: N/A	None	N/A
ESMEVariant	See Table 229 for mapping and valid set. Values including F or G are not applicable to Devices prior to GBCS v4.0	sr:ESMEVariant Restriction of xs:string (Enumeration)	Device Type = ESME: Yes Otherwise: N/A	None	N/A
UPRN	Unique Property Reference Number	sr:URPN (Restriction of xs:positiveInteger (totalDigits = 12))	No	None	N/A
PropertyFilter	Post Code and Address Identifier that uniquely identifies an address	sr:PropertyFilter	No	None	N/A

Data Item	Description / Values	Type	Mandatory	Default	Units
CSPRegion	The CSP Region the Smart Meter System is associated with Valid set: • North • Central • South • 4G Central • 4G South • 4G North • Unknown	sr:CSPRegion (Restriction of xs:string (Enumeration))	No	None	N/A
DeviceGBCSVersion	<i>The operational version of GBCS as recorded in the SMI for the Device.</i> The version number format will align with the CPL. For example 1.0 or 2.0	xs:string	Device includes Firmware: Yes Otherwise: N/A	None	N/A
HANVariant	<i>The Device's HAN Variant.</i> <i>Valid Set:</i> • <i>Single Band (2.4GHz only)</i> • <i>Dual Band (868MHz and 2.4GHz)</i> • <i>Unknown HAN Variant</i> (The CPL CHF Device Manufacturer and Device Model define its HAN Variant and the DCC Systems hold this relationship. When a CH is pre-notified to the DCC, its CHF HAN Variant is set based on its Device Manufacturer and Device Model)	xs:string	DeviceType = CHF: Yes Otherwise: N/A	None	N/A

Data Item	Description / Values	Type	Mandatory	Default	Units
Connectivity	If a Virtual WAN Device has been joined to the CHF, specifies the network used to currently communicate with the CHF. Valid set: Virtual Cellular This attribute will only be present if a Virtual WAN Device has been joined to the CHF.	sr:Connectivity (Restriction of xs:string (Enumeration))	DeviceType = CHF: No Otherwise: N/A	None	N/A

Table 227: Device (sr:Device) data items

Amend Section 3.8.120.3 as follows:

3.8.120.3 Specific Validation for this Request

See clause 3.2.5 for general validation applied to all Requests.

For this Request, the general Authorisation Checks as defined below shall not be carried out.

- A Response Code of E4 as defined in clause 3.2.4 “Verify that the User, in the User Role defined in the Service Request is a Eligible User for the Device”
- a Response Code of E5 as defined in clause 3.2.4 “Verify that the Service Request or Signed Pre-Command is applicable to the Device status”

Where a User with a User Role of RSA submits the Service Request then a specific validation check will be carried out for Response Code E5 as described in the table below.

Response Code	Response Code Description
E5	The User Role is RSA and the CHF Device Status is not Pending
E081401	The Device Type of the Device being notified is not CHF
E081405	The user reference date & time supplied is a future date
E081406	The CHF Device status is not ‘Decommissioned’ and the CHF has associated Devices which are still communicating
W081401	The CHF Device status is not ‘Decommissioned’.

3.8.120.4 Additional DCC System Processing

Where the CHF Device status is not 'Decommissioned' and response code W081401 is returned, the DCC shall update the CHF Device status to 'Decommissioned'. If the GPF Device status is also not 'Decommissioned' the DCC shall update the GPF Device status to 'Decommissioned'.

Amend Section 3.8.121.3 as follows:

3.8.121.3 *Specific Validation for this Request*

See clause 3.2.5 for general validation applied to all Requests.

For this Request, the general Authorisation Checks as defined below shall not be carried out.

- A Response Code of E4 as defined in clause 3.2.4 "Verify that the User, in the User Role defined in the Service Request is a Eligible User for the Device"
- a Response Code of E5 as defined in clause 3.2.4 "Verify that the Service Request or Signed Pre-Command is applicable to the Device status"

Where a User with a User Role of RSA submits this Request then a specific validation check will be carried out for Response Code E5 as described in the table below.

Response Code	Response Code Description
E5	The User Role is RSA and the CHF Device Status is not Pending
E081401	The Device Type of the Device being notified is not CHF
E081405	The User reference date & time supplied is a future date
<u>E081406</u>	<u>The CHF Device status is not 'Decommissioned' and the CHF has associated Devices which are still communicating</u>
W081401	The CHF Device status is not 'Decommissioned'.

3.8.121.4 *Additional DCC System Processing*

Where the CHF Device status is not 'Decommissioned' and response code W081401 is returned, the DCC shall update the CHF Device status to 'Decommissioned'. If the GPF Device status is also not 'Decommissioned' the DCC shall update the GPF Device status to 'Decommissioned'.