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DP316 ‘DUIS 12.2 Pre-Notification of CHF Ambiguity’

Annex A

Legal text – version 0.1

About this document

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

Appendix AD – DCC User Interface Specification (DUIS)

These changes have been redlined against Appendix AD (DUIS) version v5.4.

Amend Section 3.8.128.3 as follows (housekeeping change)

3.8.128 Device Pre-notification

3.8.128.1 Service Description

Service Request Name	DevicePrenotification	
Service Reference	12.2	
Service Reference Variant	12.2	
Eligible Users	Import Supplier (IS) Export Supplier (ES) Gas Supplier (GS) Registered Supplier Agent (RSA) Electricity Distributor (ED) Gas Transporter (GT) Other User (OU)	
Security Classification	Non Critical	
BusinessTargetID - Device Type applicable to this request	DCC Access Control Broker	
Can be future dated?	No	
On Demand?	No	
Capable of being DCC Scheduled?	No	
Command Variants applicable to this request (Only one populated)	8 - DCC Only	
Common Header Data Items	See clause Error! Reference source not found.	
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 Error! Reference source not found. for more details on processing patterns Acknowledgement Also see Response Section below for details specific to this request	
Response Codes possible from this Service Request	See clause Error! Reference source not found. for Common Response Codes	
GBCS Cross Reference	Electricity	Gas
GBCS MessageCode	N/A	N/A
GBCS Use Case	N/A	N/A

3.8.128.2 Specific Data Items for this Request

DevicePrenotification Definition

Data Item	Description / Allowable values	Type	Mandator y	Defaul t	Unit s
DeviceID	A unique ID for the Device	sr:EUI (See clause Error! Reference source not found.)	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 should be aligned with the value on the CPL otherwise a validation error is raised, see E120203. Note that the DUIS data item removes the colon punctuation that exists in the CPL definition between octet values. For IHD and CAD this data item is free text and is not validated by the DCC.	sr:DeviceManufacturer (Restriction of xs:string (maxLength = 30))	Yes	None	N/A

Data Item	Description / Allowable values	Type	Mandator y	Defaul t	Unit s
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_identifier><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 must be aligned with the value on the CPL otherwise a validation error is raised, see E120203. Note that the DUIS data item removes the colon punctuation that exists in the CPL definition between octet values. For IHD and CAD this data item is free text and is not validated by the DCC.	sr:DeviceModel (Restriction of xs:string (maxLength = 30))	Yes	None	N/A

Data Item	Description / Allowable values	Type	Mandatory	Default	Units
DeviceType	The Type of Device Valid set: • ESME • GSME • CHF • HCALCS • PPMID • IHD • CAD With the exception of IHD and CAD, which are not validated by the DCC, this data item must be aligned with the value on the Central Products List otherwise a validation error is raised, see E120203. See Table below for mapping between XML enumeration valid set values and CPL values.	sr:DeviceType (Restriction of xs:string (Enumeration))	Yes	None	N/A
SMETSCHTSVersion	The version of SMETS or CHTS that the Device complies with e.g. V1.58 This should align with the SMETS_CHTS version_number value contained on the CPL.	sr:SMETSCHTSVersion (Restriction of xs:string (minLength = 1, maxLength = 20))	Device Type = CAD: N/A Otherwise: Yes	None	N/A

Data Item	Description / Allowable values	Type	Mandatory	Default	Units
FirmwareVersion	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 FA This data item must be aligned with the value on the Central Products List otherwise a validation error is raised, see E120203. Note that the DUIS data item removes the colon punctuation that exists in the CPL definition between octet values.	sr:FirmwareVersion (Restriction of xs:string (minLength = 1, maxLength = 8))	All Devices except Type 2: Yes Type 2: N/A	None	N/A
ESMEVariant	See Error! Reference source not found. 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)	DeviceType = ESME: Yes Otherwise: N/A	None	N/A
AssociatedGPFDDeviceID	A unique ID for the Gas Proxy Function Device associated with the Communications Hub Function	sr:EUI (See clause Error! Reference source not found.)	DeviceType = CommunicationsHubFunction: Yes Otherwise: N/A	None	N/A

Table 261 : DevicePrenotification (sr DevicePrenotification) data items

3.8.128.3 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 an Eligible User for the Device” or
- 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”

Response Code	Response Code Description
E120201	<u>One of:</u> • The Device ID already existed in Smart Metering Inventory and its Status was not ‘Decommissioned’ or ‘Withdrawn’ <u>Or</u> • <u>The AssociatedGPFDDeviceID is the same as the DeviceID and DeviceType is CHF</u>
E120203	The Device Type / Manufacturer / Model / Firmware Version data specified by the User do not match the values contained on the Central Products List (CPL) that have been approved for use.
E120204	Not all the applicable optional data items are included in the Request or not applicable data items are included in the Request
E120207	This Device Type (GPF) can’t be Pre-notified