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# MP231 ‘Firmware upgrade pathways’

## Annex A

### Legal text – version 1.1

#### About this document

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

## Section A ‘Definition and Interpretation’

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These changes have been redlined against Section A version 34.0.

### Add into A1 after Device Type as follows:

**Device Zigbee Information Repository** means a table established and maintained by the Panel that details Device Zigbee details and Device Zigbee information.

## Section F ‘Smart Metering System Requirements’

These changes have been redlined against Section F version 16.0.

### Amend Section F2 as follows:

#### Firmware Information Repository

F2.14 The Panel shall establish and maintain a list of firmware releases, updates, and corresponding Manufacturer contact details (the “**Firmware Information Repository**”), for the following Devices:

- (A) ESME
- (B) GSME
- (C) PPMID
- (D) HCALCS
- (E) SAPC
- (F) SMETS1 CH or SMETS2+ Communications Hub

F2.15 The Panel shall ensure that the Firmware Information Repository contains a minimum of four ~~three~~ fields:

- (a) A number which uniquely identifies a record on the Central Products List, which is a mandatory field;
- (b) Manufacturer contact details, which is a mandatory field, to include email address, telephone number and business address; ~~and~~
- (c) A free text field for release notes that Manufacturers can record against, which is a mandatory field for completion but the content is at the discretion of the Manufacturer~~s;~~
- (e)(d) Where a firmware upgrade to the Device Model identified by (a) is possible, the number(s) of the record(s) on the Central Products List which identify the suitable baseline Device Model(s), which is a mandatory field;

F2.16 The Firmware Information Repository will be updated alongside the Central Products List, with the number which uniquely identifies a record on the Central Products List providing a cross reference.

F2.17 The Party or any other person submitting Device details for addition to the Central Products List shall also supply the details listed in F2.15 for the same Device.

F2.17B The information contained within the Firmware Information Repository shall be available to SEC Parties only and must not be shared.

**Add to Section F2 as follows:**

**Device Zigbee Information Repository**

F2.33 The Panel shall establish and maintain a list of Device Zigbee releases, updates and corresponding Manufacturer contact details (the “Device Zigbee Information Repository”).

F2.34 The Panel shall ensure that the Device Zigbee Information Repository contains a minimum of three fields:

- (a) ZigBee chipset vendor, which is a mandatory field;
- (b) ZigBee stack version, which is a mandatory field;
- (c) Central Product List entry ID.

F2.35 The Device Zigbee Information Repository will be updated alongside the Firmware Information Repository and the Central Products List, with the number which uniquely identifies a record on the Firmware Information Repository and the Central Products List providing a cross reference.

F2.36 The Device Zigbee Information Repository will include the Central Products List entry ID to allow the Data in the Device Zigbee Information Repository to be mapped to the Device on the Central Product List.

F2.37 The Party or any other person submitting Device details for addition to the Central Products List shall also supply the details listed in F2.15 for the same Device.

F2.38 The Security Sub Committee shall manage the access to the Device Zigbee Information Repository.

## Appendix Z ‘CPL Requirements Document’

These changes have been redlined against Appendix Z version 8.0.

### Amend Section 2 ‘Central Products List Contents’ as follows:

#### 2. **Central Products List Contents**

- 2.1 The Panel shall ensure that the Central Products List identifies each Device Model by Physical Device Type, and lists the following matters in respect of each Device Model:
- (a) Manufacturer and model;
  - (b) hardware version;
  - (c) firmware version;
  - (d) for SMETS2+ Device Models, the version of the SMETS or CHTS (as applicable) and (in each case) the GBCS version for which the Device Model has one or more Assurance Certificates;
  - (e) for SMETS1 Device Models, Version 1.2 of SMETS;
  - (f) for SMETS2+ Device Models, the identification numbers for each of the Device Model’s Assurance Certificates (including the version of the relevant standard against which each Assurance Certificate was issued);
  - (g) where the Device Model is required to have an associated CPA Certificate, the expiry or renewal date of the Device Model’s CPA Certificate and the associated version of the Security Characteristics (as defined in the relevant Technical Specification); ~~and~~
  - (h) where there is an associated Manufacturer Image:
    - (i) the relevant identity of the person who created the Manufacturer Image;
    - (ii) a descriptor of the Manufacturer Image; and
    - (iii) the Hash of the Manufacturer Image (to be provided pursuant to Clause 4); ~~and-~~
- ~~(h)(i) ZigBee band, which is a mandatory field.~~