**Smart Metering Implementation Programme**

**Great Britain Companion Specification (GBCS)**

**Version 3.1: Release Note**

**[Date TBC]**

Release Note

This release note accompanies the GBCS v3.1 designated on [TBC]. It describes the principal changes and updates made to the GBCS v3.0 designated on 1 February 2018, and the recent revision history of GBCS.

***Summary of main changes***

GBCS v3.1 has been updated to accommodate the same changes made to the GBCS v2.1 designated on 4 June 2018.

***Table of Section Changes***

For completeness the Sections of GBCS v3.0 that have been updated in this version, as well as a summary of the change.

| **Section** | **Changes** |
| --- | --- |
| Documentation Alignment Section | No changes made |
| 1: Introduction | No changes made |
| 2: Structure of the GB Companion Specification (GBCS) | No changes made |
| 3: Scope and Terminology | No changes made |
| 4: Security | No changes made |
| 5: Remote Party Message construction, protection and verification – informative | No changes made |
| 6: Message Categories | No changes made |
| 7: Message structure and DLMS COSEM / ZSE / ASN.1 requirements | No changes made |
| 8: Encryption of Attributes in Remote Party Messages | No changes made |
| 9: Time Synchronisation and Future Dated Remote Party Messages | No changes made |
| 10: ZSE Implementation | It was previously not possible for the Dual Band Communications Hub to implement the ‘otherInfo’ requirement as it was stated. The Section 10.6.2.5 has been amended to specify that ‘otherInfo’ should be used to store the the value of Business Target ID |
| 11: Downloading firmware images to Devices | No changes made |
| 12: Requirements for Certificates | No changes made |
| 13: Managing Security Credentials on Devices | Removed the functionality that supports expiry based rolling over of root certificates from Devices. This is done by removing the two CS02b Use Cases: rootBySupplier (all Devices except CHF); and rootByWANProvider (CHF only))  Removed potentially ambiguous behaviour from the following Sections:   * 13.3.4.1 * 13.3.4.6 * 13.3.5.2 * 13.3.5.6 * 13.3.5.9 * 13.3.5.9.1 * 13.3.5.11 |
| 14: Apply Prepayment Top Up to an ESME or GSME | No changes made |
| 15: Message Codes | No changes made |
| 16: Event / Alert Codes and related requirements | No changes made |
| 17: Remote Party Usage Rights | No changes made |
| 18: Message Templates | No changes made |
| 19: Use Cases | No changes made |
| 20: Mapping Table | No changes made |
| 21: Glossary | No changes made |
| 22: Annex 1 – Additional DLMS Class | No changes made |
| 25 and 26: Informative Annex 4 and 5 | No changes made |
| 27: Annex 6 | No changes made |
| 28: Annex 7 - Data Item Values to be set prior to installation of Devices | No changes made |

Release Note: Table of Section Changes

Document Revision History

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| --- | --- | --- | --- |
| Version | Rev | Date of Issue | Change Summary |
| 1.0 | Final | 08/11/2016 | Version Incorporated into the Smart Energy Code (SEC) for DCC Release 1.2 |
| 1.1 | Final | 06/11/2017 | Modified to address TBDG RFC-059 and mismatch between the decimal and hexadecimal encoded values for OBIS codes. Resulting in changes in tables in Section 18.2.1.2 and 18.2.1.3.  Version Incorporated into SEC |
| 2.0 | Final | 01/02/2018 | Version Incorporated into SEC, but not activated in preparation for DCC Release 2 (Previously GBCS v2.0 Draft 7) |
| 2.1 | Final | 04/06/2018 | Version further updated for Release 2 |
| 3.0 | Final | 01/04/2018 | Version incorporated into SEC, but not activated in preparation for DCC Release 2 (Previously GBCS v3.0 Draft 1) |
| 3.1 | Final | 04/06/2018 | Updated to reflect the same changes made in v2.1. Incorporated into SEC, but not activated in preparation for DCC Release 4 |

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Department for Business, Energy& Industrial Strategy

1 Victoria Street

London SW1H 0ET

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