



Department for  
Business, Energy  
& Industrial Strategy

# Smart Metering Implementation Programme

## Communications Hub Technical Specifications (CHTS)

**Version 1.1 Draft 2: Release Note**  
**31 January 2017**

# Release Note

This release note accompanies, but does not form part of CHTS V1.1 Draft 2. It describes the principal changes and updates to CHTS V1.1 Draft 1<sup>1</sup>, and the recent revision history of CHTS.

## Summary of main changes

The Sections of CHTS listed below incorporate the specific changes and updates to CHTS V1.1 Draft 1 that have been adopted through a number of Resolution Proposals following the BEIS Technical Specifications Issues Management process<sup>2</sup>.

## Table of Section Changes

The Sections of this document listed below incorporate recent changes and updates to CHTS as follows:

| Section                          | Changes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Various                          | <p>There are a number of amendments in the following categories:</p> <ul style="list-style-type: none"> <li>• addition of functionality to allow for operation of Communications Hubs in Sub GHz Bands;</li> <li>• changes to improve clarity of drafting;</li> <li>• changes to improve the consistent use of the Glossary Terms; and</li> <li>• grammatical and typographical corrections identified since the last published version.</li> </ul> <p>Such amendments have been made to a number of Sections and are not detailed further in this Table</p> |
| 4.3                              | Addition of requirements for the HAN Interface where it operates in Sub GHz Bands                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4.4.2.1                          | Addition of functionality for Communications with Devices operating in the Sub GHz Bands                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.4.5                            | Addition of monitoring requirements for operation in Sub GHz Bands                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4.5                              | Addition of text to specify which functionality only applies to Dual Band Communications Hubs                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4.5.1.12                         | New Section for addition of Command to support operation in Sub GHz Bands                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4.5.2, 4.5.4.5 and 4.6.3.9       | Removed the requirement on GPF to hold a copy of some GSME Constant Data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.5.4.5                          | Amended text to limit the reading of GPF constant data to the GPF Identifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4.6.2.5                          | New Section for addition of configuration data items for operation in Sub GHz Bands                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4.6.3.12<br>4.6.3.13<br>4.6.3.14 | New Sections for addition of operational data items for operation in Sub GHz Bands                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5: Glossary                      | <p>Amended definition for: ZigBee Smart Energy Profile (SEP)</p> <p>Added definitions for: Dual Band Communications Hub, Dual Band Mesh</p>                                                                                                                                                                                                                                                                                                                                                                                                                  |

<sup>1</sup> CHTS V1.0 was designated in November 2016. In September 2016 the document named CHTS V2.0 Draft 1 was Base-lined by the TBDG. CHTS V2.0 Draft 1 was subsequently renamed 'CHTS 1.1 Draft 1' as part of RFC-055 issued to TBDG 13 Jan 17.

<sup>2</sup> <https://decc.huddle.net/workspace/34269213/files/41125520>

| Section | Changes                                                                                               |
|---------|-------------------------------------------------------------------------------------------------------|
|         | Communications Hub, Frequency Agility and Sub GHz Bands<br>Removed definition for: GSME Constant Data |

Release Note: Table of Section Changes

***CHTS Document Revision History***

| Version | Rev     | Date of Issue | Change Summary                                                                    |
|---------|---------|---------------|-----------------------------------------------------------------------------------|
| 1.0     | Final   | 08/11/2016    | Version of CHTS Incorporated into the Smart Energy Code (SEC) for DCC Release 1.2 |
| 1.1     | Draft 1 | 17/08/2016    | Baselined by TBDG 21 September 2016                                               |
| 1.1     | Draft 2 | 13/01/2017    | Baselined by TBDG 31 January 2017                                                 |

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