



**MHHS
PROGRAMME**
Industry-led, Elexon facilitated

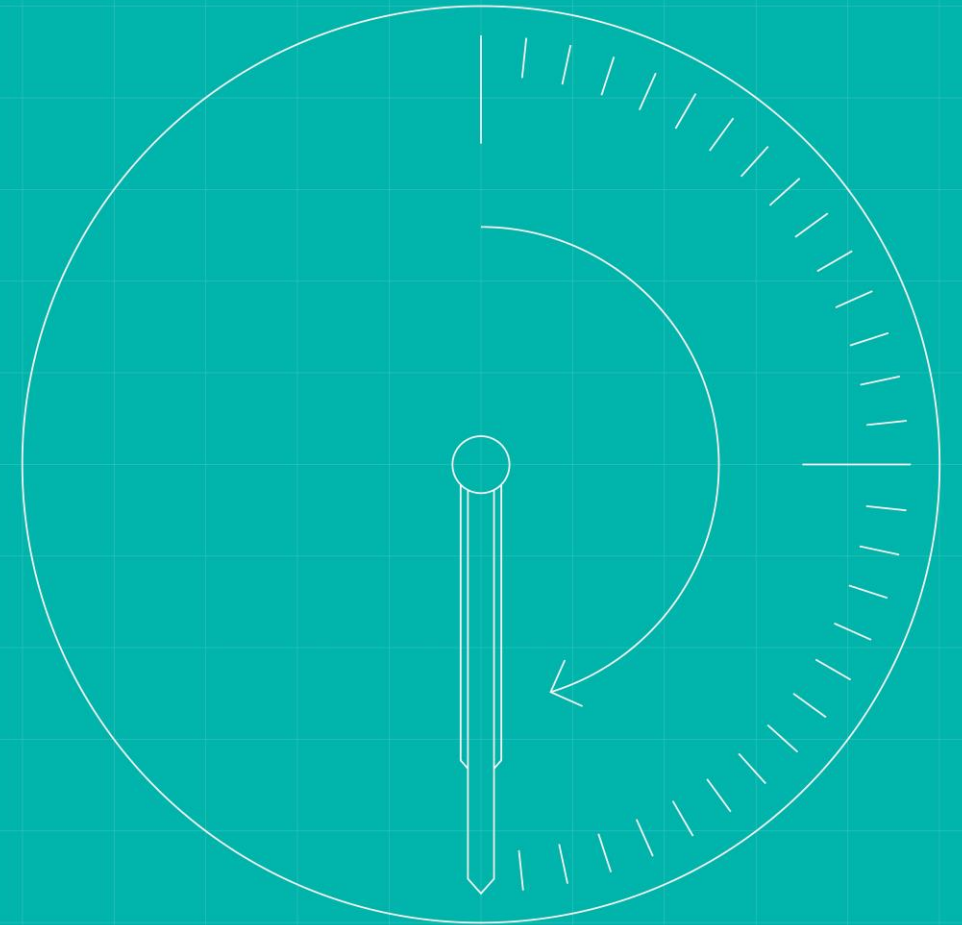
Code Drafting Consultation Advisory Notes - Migration, Governance & Qualification

Version 1.0

MHHS DEL-1532

Document Classification: Public

Consultation Advisory Notes



The Code Workstream has produced several Code Artefacts for industry review and comment.

This consultation process seeks to confirm that the Design Artefacts (Version 5.0) have been correctly translated into the Code Artefacts.

Review feedback should consider whether the code drafting reflects the MHHS Design (Version 5.0)

- If you feel it does not, please submit your feedback by downloading the **Code Artefacts Consultation Comments** from the Tranche 3 Code collaboration base page.
- If you feel the Code could better reflect the MHHS Design, please respond with improved wording
- If you spot a minor change or typo, please respond Code@mhhsprogramme.co.uk

The topic areas in scope for this industry consultation are:

- Balancing & Settlement Code (BSC) Migration, Governance and Change of Supply Transfer Read
- Retail Energy Code (REC) Migration, Qualification, Governance

All documents are either new clean versioned artefacts or redlined versions.

The Design solution is baselined through the Design Workstream and does not form part of the Code Drafting Consultation. Any comments relating to the MHHS Design must be directed to design@mhhsprogramme.co.uk

To submit your feedback, please download the Code Artefacts Consultation Comments from the Tranche 2 page Code consultation page. Save the spreadsheet with a file name that includes the short name of your organisation. Once completed, please email the spreadsheet to code@mhhsprogramme.co.uk.

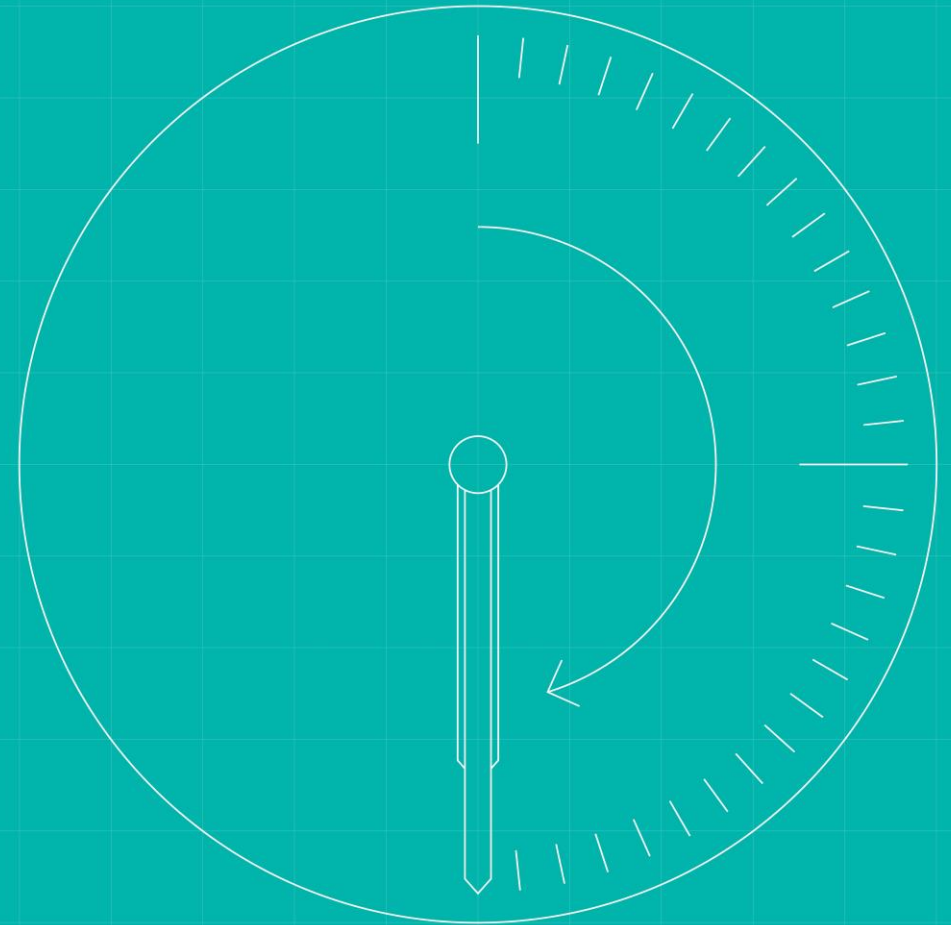
Consultation questions:

Column Header	Guidance Note	Field Type	Field Requirement
Code Artefact Name	Choose the Code Artefact that you're reviewing from the drop-down list	Drop-down menu	Mandatory
Document Section	Include the section for which your comment is related to e.g. paragraph 4.1	Free text	Mandatory
Comments	Provide the comment you have in relation to the document you are reviewing e.g. CSS (or CCS in document) is referred to as Actor but no interaction with CSS in business process	Free text	Mandatory
Related Design Artefact	If your comment relates to a Design Artefact, please ensure you include the name of the Artefact e.g. MHHSP-BPD002	Free text	Optional
Related Design Artefact Section/Step	If your comment relates to a Design Artefact, please ensure you include the relevant section or step in the Artefact	Free text	Optional
Suggested Change	For example, propose new wording	Free text	Mandatory
Comment Owner	Provide your name as the comment owner	Free text	Mandatory
Organisation	Provide the name of your organisation	Free text	Mandatory
Constituency	Provide the name of your constituency	Drop-down menu	Mandatory

Code Artefacts Consultation Review Process

Review Stage	What happens in the review stage?	What do I need to do as a participant?
1. Comment Triage & Resolution	<ul style="list-style-type: none"> • Comments will be reviewed and allocated to a triage category • Code Issues will be identified and prioritised • Comment responses will be updated to provide the rationale and/or the proposed change 	<ul style="list-style-type: none"> • Comment Owners to provide further information on comment if required • Comment Owners to be available to discuss comments directly if required
2. Comment Response Review	<ul style="list-style-type: none"> • Comment responses will be published onto the Collaboration Base and through the CDWG papers • Code drafting will be presented to CDWG for participant feedback and review following open consultation with industry parties • CDWG will review the comments and issues raised through drafting and determine any changes or additions to code drafting • CDWG review activities will be presented to CCAG for consideration as to whether code drafting can be approved in principle before the final consultation 	<ul style="list-style-type: none"> • Review comment responses and proposed changes • Review CDWG meeting materials and provide feedback before the meeting • Attend CDWG meetings to contribute to comment discussions
3. Agree consensus	<ul style="list-style-type: none"> • Where there is not consensus across industry parties, comments will be identified and entered into the Dissensus process • Comment owners will be contacted to raise a Dissensus Form • Dissensus Issues will be discussed in the Dissensus forum 	<ul style="list-style-type: none"> • Comment Owners to complete Dissensus Form, summarising their position and providing rationale and associated materiality • Comment Owners to present their position at the Dissensus forum for discussion • Industry Participants to attend the Dissensus forum to agree decision on Dissensus items
4. Cross-Code Advisory Group (CCAG) (assurance)	<ul style="list-style-type: none"> • Oversee central coordination, monitoring and management of code changes • Review and action work carried out by CDWG • Manage, consult and approve recommended decisions from CDWG 	<ul style="list-style-type: none"> • Provide feedback to your Constituency Representative for discussion at CCAG. Please note that any code drafting questions should be raised at CDWG

Balancing and Settlement Code (BSC) Code Artefacts



BSC Governance Code Artefacts in scope of 18 August consultation are set out below:

BSC document	Related Design Artefacts	Change tracking applied	Complexity of change
BSCP38 - Authorisations	N/A - Generic Update – References to ISD added	Redlined BSCP document	Low
BSCP65 - Registration of Parties and Exit Procedures	N/A - Generic Update. ISD interfaces for MHHS Metering Systems added. References to DIP added.	Redlined BSCP document	Low
BSCP128 – Submission, Production, Audit and Approval of Line Loss Factors	N/A - Generic Update. ISD interfaces for MHHS Metering Systems added	Redlined BSCP document	Low

BSC Governance Code Artefacts in scope of 18 August consultation are set out below:

BSC document	Related Design Artefacts	Change tracking applied	Complexity of change
BSCP707 Changes to Industry Standing Data	MHHSP - BP021 - Industry Standing Data (ECS) MHHSP - BPD021- Industry Standing Data Business Process Descriptions MHHSP_EDIO21_ISD_Entities MHHSP_EDIO21_ISD_Entities	New BSCP	Low
BSCP707 Appendix 1: ISD Entity Change Request Forms	MHHSP - BP021 - Industry Standing Data (ECS) MHHSP - BPD021- Industry Standing Data Business Process Descriptions MHHSP_EDIO21_ISD_Entities MHHSP_EDIO21_ISD_Entities	New BSCP Appendix	Low
BSCP707 Appendix 2: ISD Change Request Entity Validation	MHHSP - BP021 - Industry Standing Data (ECS) MHHSP - BPD021- Industry Standing Data Business Process Descriptions MHHSP_EDIO21_ISD_Entities MHHSP_EDIO21_ISD_Entities	New BSCP Appendix	Low

BSCP65 is a redlined Balancing & Settlement Code Procedure which covers:

- **Registration of Parties and Exit Procedures**
- Changes required to:
 - Add references to Industry Standing Data;
 - Add interfaces to reflect new processes for MHHS Metering Systems using the Data Integration Platform.
- **BSCP38** is a redlined Balancing & Settlement Code Procedure which covers:
 - **Authorisations**
 - Changes required to:
 - Add references to Industry Standing Data

BSCP128 is a redlined Balancing & Settlement Code Procedure which covers:

- **Submission, Production, Audit and Approval of Line Loss Factors**
- Changes required to:
 - Add references to Industry Standing Data;
 - Add interfaces to reflect new processes for MHHS Metering Systems.
 - Please note - Mapping of DUoS Tariff ID to LLF ID to be completed within " Topic Area Mop Up " tranche.

The consultation will cover three documents:

BSCP707
Changes to Industry Standing
Data

BSCP707 Appendix 1:
ISD Entity Change Request
Forms

BSCP707 Appendix 2:
ISD Change Request Entity
Validation

- BSCP707 will replace BSCP509 – Changes to Market Domain Data
- BSCP707 Appendix 1 covers the ISD Tables as defined in MHHSP_EDI021_ISD_Entities
- BSCP707 Appendix 2 covers the validation rules for ISD Changes and the ISD Entity Map

BSC Governance Code Artefacts in scope of 18 August consultation are set out below:

BSC document	Related Design Artefacts	Change tracking applied	Complexity of change
BSCP708 – Migration	MHHS-DEL961-Migration Desgn Document	New BSCP	Medium
CoS Transfer of Reads	MHHSP-BP003C-Transfer of Reads- Change of Data Service Process MHHSP-BPD003C-Transfer of Reads-Business Process Descriptions	New Artefact	Medium

- BSCP708 (Migration) - Is based on MHHS DEL961 Migration Design Document v1.0
- Covers Forward Migration on CoA, Forward Migration on CoS and Reverse Migration on CoS as well as edge cases for Related MSIDs and linked Import/Export (note that text around Import/Export might change as a result of P459)

- Procedures for CoS Transfer of Reads:
 - This is based on MHHSP-BP003C and BSCP504
 - In its current state it covers processes for Smart and Traditional Meters

The table below shows Balancing & Settlement Code Procedures (BSC) documents which impact either Governance or Migration topic areas, which will be delivered in a later tranche, and the supporting rationale, or as part of the review of this tranche it was identified that changes were not required:

BSCP	Topic Area	Rationale
BSCP27 – Technical Assurance Half-Hourly Metering Systems for Settlement Purposes	Consequential Code Change	Will be reviewed as part of Elexon Consequential Code Change
BSCP535 – Technical Assurance	Consequential Code Change	Will be reviewed as part of Elexon Consequential Code Change
Supplier Volume Allocation (SVA) Technical Assurance Service Description	Governance	No required changes identified
BSCP32 – Metering Dispensations	Governance	No required changes identified
BSCP509 – Changes to Market Domain Data – Appendix 1 and 2	Governance	No required changes identified
BSCP128 – Submission, Production, Audit and Approval of Line Loss Factors. Appendices 1 - 10	Governance	Will be reviewed as part of Topic Area Mop Up
Migration BSC	Migration	Section C12 contains sufficient obligations
BSC Qualification BSC Section party obligations	Qualification	Section J contains sufficient obligations



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REC Governance, Qualification & Migration

Governance, Qualification and Migration code documents in scope of consultation:

REC document	Related Design Artefact*	Change tracking applied	Size of change?
REC Main Body	N/A	v3.4	No changes proposed to existing Schedule
Schedule 5 Change Management	N/A	v3.1	No changes at this stage but will reevaluate once Issue 101 DIP Governance drafting known
Schedule 6 Performance Assurance	N/A	v2.3	No changes proposed to existing Schedule
Schedule 7 Energy Theft Reduction	N/A	v3.0	No changes proposed to existing Schedule
Schedule 8 Unbilled Energy Theft Code of Practice	N/A	v2.3	No changes proposed to existing Schedule
Schedule 9 Qualification and Maintenance	N/A	v3.2 including REC CP-R0059 – approved but not implemented	High
Schedule 10 Charging Methodology	N/A	v3.1	No changes proposed to existing Schedule
Schedule 12 Data Access	N/A	v3.1	Low
Schedule 17 Secure Data Exchange	N/A	v2.0	No changes proposed to existing Schedule
Schedule 30 Resolution of Consumer Facing Switching and Billing Issues	BP003C	v2.0	Medium
Service Specification EES Service Definition	EES and SDEP Requirements	v3.1	Low
Service Specification SDES Service Definition	EES and SDEP Requirements	v2.0	No changes proposed to existing Service Spec
Schedule XX: MHHS Migration	MHHS Design Artefacts	N/A	High (new schedule)

**Where MHHS requirements are already covered in REC documents then these are not shown as redline changes*

The table below shows artefacts originally within scope of code drafting Tranches that will now be delivered alongside the Transition Tranche due in mid-October, and the supporting rationale:

Artefact	Rationale
Schedule 1 Interpretations and Definitions	This schedule has been moved from the Governance Tranche to the Transition Tranche. This is the last tranche where a significant amount of change to the REC will be consulted on and will allow all changes to interpretations and definitions can be captured through a single consultation.
Schedule 15 Metering Accreditation	This schedule is subject to REC CP-R0064. MHHS requires a relatively minor change and we consider that it will be clearer to consult on these changes against the updated legal text.
Service Specification EES API Technical Specification	This document has been progressed as a consequential change and is under review through the MSAG (the group set up under the REC to manage consequential change associated with MHHS).
Data Specification (Data Item Catalogue, Market Message Catalogue and Standards Definition)	Discussed at CDWG and agreed at CCAG to move to mid-October to allow the drafting to incorporate the latest changes to the MHHS Programme design on interfaces.



Summary of Changes

REC Governance, Qualification & Migration

Schedule 9 Qualification and Maintenance – summary of change

- Schedule describes how a REC Party will become Qualified, how a Non-REC Party will access REC Services and ongoing assurance requirements.
- Covers MHHS transitional and enduring arrangements (as was done for CSS) as provides useful enduring context.
- MHHS changes to incorporate transitional arrangements to support MHHS Qualification:
 - Clarify when an existing party or a new entrant should go through MHHS Qualification or be taken through any enduring Qualification arrangements.
 - Establish Supplier and MEM entitlement to use the new MHHS Migration arrangements once MHHS Qualified.
- MHHS changes to the enduring Qualification requirements:
 - Requirement for Suppliers, DNOs and MEMs to be a DIP User.
 - Assumption that DIP Testing arrangements will be set out under the BSC and Code Manager will determine which tests it requires to support its Qualification Assessment – to be kept under review in context of Issue 101.
- Additional changes to REC Category 3 documents will be made to deliver detailed qualification requirements e.g. REC and BSC Joint Storyboards. These are outside of MHHS SCR scope and are subject to REC Governance.
- REC CP-R0059 has been approved and is awaiting implementation. Given that this is a known change, this MHHS consultation has incorporated R0059 within the baselined legal text against which the MHHS changes are shown.

Schedule 12 Data Access – summary of change

- Schedule sets out the rules for accessing data held by the Gas Enquiry Service and the Electricity Enquiry Service.
- One change to reflect the sending of data to EES from the SMRS rather than the ERDS. ERDS is the DNO interface with CSS, with the SMRS sending messages to the EES via the DIP

Schedule 30 Resolution of Consumer Facing Switching and Billing Issues – summary of change

- Schedule includes Supplier exception processes including Erroneous Switch, Switch Meter Read exceptions, Crossed Meters and Debt Assignment.
- MHHS Business Process 003C captures the approach to agreeing the transfer read as part of a change of Data Service. This BP references the ability for Suppliers to dispute the transfer read using the D0300 process if required.
- The following changes have been reflected in the redlined document:
 - Erroneous Switch and Switch Meter Read exceptions are currently only mandated for NHH Metering Points. Agreement via the REC MHHS Stakeholder Advisory Group (MSAG) that these processes will be mandatory for all types of Metering Point.
 - Assumption that the BSC definition of Transfer Read will differentiate between Meter Register Reading required for Traditional and Cumulative Reading required for Smart and Advanced.
 - Change to the Schedule to align the date after which a Switch Meter Read exception can be raised to reflect the new Market Segments and the MHHS timescales.
 - Additional reference to Smart Meter non-communications issues requiring Meter Register Reads as an exception process.

Service Specification EES Service Definition – summary of change

- Amendments to reflect the sending of data to EES from the SMRS rather than the ERDS.
- Reference to the EES being a DIP User and needing to comply with DIP User requirements defined in the BSC (links to Issue 101).
- Added reference to new MHHS data items being displayed following migration and approach to reverse migration, plus the MHHS Indicator informing users of the MHHS migration status.
- Inclusion of non-functional requirements linked to responses to DIP messages, volumes of DIP messages, availability of the service and timescales for scheduled maintenance / return to service following an unplanned outage.
- Inclusion of migration volumetrics.
- Currently no identified service management requirements, over and above existing provisions.

Schedule XX: MHHS Migration – summary of change

- New REC Schedule developed to cover the process for migrating metering points from legacy to MHHS settlement arrangements.
- Three processes included:
 - Migration via change of supplier
 - Migration via change of agent, and
 - Reverse migration
- Drafting based on approved migration design artefacts including the end-to-end business processes and the migration design document which contains specific rules such as the approach to dealing with related metering points and associated import / export.
- End to end processes included with reference to the BSC for SLAs where relevant e.g. for SMRS led steps.

Thank you