RETAIL ENERGY CODE

REC CODE DRAFTING INTERFACES

SUMMARY OF CHANGES

DATA SPECIFICATION: DATA ITEM CATALOGUE AND MARKET MESSAGE CATALOGUE

- REC Code Manager has added the DIP Interface messages and ECS Reporting Catalogue to the REC Data Specification to provide a one-stop-shop for all industry messages, as well as removing duplication and potentially costly development of a standalone DIP data catalogue.
- Alongside the new DIP Interfaces, consequential amendments to REC and BSC messages sent over the DTN have been included in design updates.
- Current drafting reflects the following design baseline: DES-138 (v5.4.1) and ERI011B (v5.3), and has been uplifted to include changes through to and including Interim Release 8.1.
- The artefacts are currently available in html and .bacpac format. The following slides provide information on how to interpret the html document.

MARKET MESSAGE INFORMATION

Message / IF Title

EMDS Reference

Description of what the Message is used for

MM20038 - Notification of Change of Supplier

Market Message Information

Market Message Reference	MM20038
MM Description	Following a successful Change of Supplier CSS will notify this to the Registration Service. This is the interface that will be used by the Registration Service to notify, interested, MHHS Participants that a successful Change of Supplier has taken place; and to provide the Supplier with key information about the MPAN as it currently exists in the Registration Service.
Local Catalogue Reference	IF-001
Version	008
Notes	The Incoming Supplier will also receive a 'SecuredActive Notification' from CSS. However, this message confirms that the Registration Service and DIP also recognise that the Change of Supplier has taken place. It was decided that this interface would not be sent to the Outgoing Supplier (as he would receive a 'Loss Notification' from CSS) or to Service Providers (as they would receive Service Provider De-Appointment messages). The MHHS Design is such that its possible that the Registration Service may not always be able to provide details of 'Incumbent Service Providers'. Obviously this will be the case on Initial Registration, but it may also be in cases where the Previous Supplier has been unable to successfully complete Service Provider Appointment(s) prior to the next switch then taking place.
DIP Delivery Pattern	Pattern A (JSON via DIP)
Security Category	Cat 2

MHHS Programme Interface Reference

Message / IF version

MHHS Security Category

DIP Delivery Pattern

Notes to aid in Message / IF usage, or understanding

MARKET MESSAGE STRUCTURE



Scenario Variants

Scenario Variant	Name	Source	Target	Always	Primary	Secondary	Correlation Id Created	Owner
SV20723	ChangeOfSupplier			MDS, EES	SUPI, SUPL	LDSO	No	Balancing and Settlement Code Company
SV20724	InitialRegistration			MDS, EES	SUPI	LDSO	No	Balancing and Settlement Code Company

WORK UNDERTAKEN ON DATA ITEMS

- The REC Code Manager has undertaken extensive analysis of new MHHS Data Items in order to link these to existing ‘Legacy DTC’ J Items.
- Where the definition of a new MHHS Data Item does not differ from the existing J Item, these have been linked together. These can be identified where two Local Catalogue References are present >> 
- Where the definition of a new MHHS Data Item differs from an existing J Item, these have not been explicitly linked as above. However, the two items have been tied together via an ‘Alias’, i.e. the Data Items achieve the same aim but are defined differently. Effective From/To Dates/Times represent a good example of this principle. MHHS Data Item EFDTs/ETDTs are high definition, 25 characters, whereas Legacy DTC Dates are low definition 8 characters.

DATA ITEM TABLE

Data Items

Data Item Number	Local Catalogue Reference	Name
DI20000	DI-000	Interface ID
DI20018	J2329 / DI-050	Market Segment Indicator
DI20019	DI-051	Market Segment Indicator Effective From Date
DI20046	DI-108	Distributor DIP ID
DI20048	DI-111	Green Deal Effective From
DI20049	DI-112	Green Deal Effective To
DI20052	DI-128	DUoS Tariff ID
DI20053	DI-129	DUoS Tariff ID Effective From Date
DI20213	DI-977	SubText
DI20214	DI-978	Msg Service Ticket URL
DI20217	DI-981	DIP ID Secondary Recipients
DI20218	DI-982	DIP IDs Primary Recipients
DI20219	DI-984	Sender Role ID
DI20220	DI-985	Sender Correlation ID
DI20221	DI-986	Publication ID
DI20222	DI-987	DIP Correlation ID
DI20223	DI-988	Replay Indicator
DI20224	DI-989	DIP TimeStamp
DI20225	DI-990	DIP Transaction ID
DI20226	DI-991	Environment Tag
DI20227	DI-992	Schema Version
DI20228	DI-993	DIP Roles / IDs Always Receipient ID
DI20230	DI-995	Sender Unique Reference
DI20231	DI-996	Connection Provider DIP ID
DI20232	DI-997	(Participant) Sender DIP ID
DI20233	DI-998	Sender Timestamp
DI20234	DI-999	Event Code
DI20262	DI-016	Connection Type Effective From Date
DI20265	DI-034	Energisation Status Effective From Date
DI20266	DI-036	GSP Group ID EffectiveFrom Date
DI20291	DI-167	RMP Status Effective From Date
DI20292	DI-168	MP Status Effective From Date
DI50003	J0003 / DI-063	MPAN Core
DI50028	J0066 / DI-037	GSP Group Id
DI50041	J0080 / DI-033	Energisation Status
DI50137	J0263 / DI-010	Metering Point Postcode
DI50337	J0727 / DI-035	Direction of Energy Flow
DI50488	J1036 / DI-001	Address Line 1
DI50489	J1037 / DI-002	Address Line 2
DI50490	J1038 / DI-003	Address Line 3
DI50491	J1039 / DI-004	Address Line 4
DI50492	J1040 / DI-005	Address Line 5
DI50493	J1041 / DI-006	Address Line 6
DI50494	J1042 / DI-007	Address Line 7
DI50495	J1043 / DI-008	Address Line 8
DI50496	J1044 / DI-009	Address Line 9
DI51159	J1862 / DI-131	MPAN Status
DI51541	J2252 / DI-127	Metered Indicator
DI51542	J2253 / DI-130	Registrable Measurement Point (RMP) Status
DI51601	J2314 / DI-015	Connection Type

This table shows each Data Item contained within the Scenario Variants of that Message / IF. The table contains the REC Catalogue Reference (DI#####) and the Local Reference (J#### / DI-###).

Where possible, new MHHS DIs have been linked to existing legacy 'DTC' J Items.

The hyperlink on the left hand side can be used to navigate to the Data Item definitions.

MARKET MESSAGE STRUCTURE

- **Messages are represented in the familiar 'Legacy DTC' format.**
- **The content of all Messages is represented at a Scenario Variant (MHHS Event Code) basis, therefore, the individual optionality of Data Items and their respective Value Rules will change based on the SV/Event Code even though they are part of the same Message/IF.**

Group / 'Block' IDs

Group / 'Block' Names

B013	CSS Registration Request ID	0-1	Mandatory if available in Registration Service	G									
					1							registrationRequestId	
B068	MPAN Consent Info	1-1		G									
					1							Consent Granularity	
					1							Consent Granularity Effective From Date	
B030	MPAN IHD Info	0-1		G									
					1							In Home Display (IHD) Install Status	
					C							IHD Status EffectiveFrom Date	Required if [DI-137] not null
B031	SMSO Info	0-1		G									
					1							Smart Metering System Operator (SMSO)	
					C							SMSO EffectiveFrom Date	Required if [DI-134] not null
B032	MPAN Legacy Info	0-1	Mandatory for Traditional Meters / Optional for other Meters	G									
					C							Profile Class Id	Mandatory for Traditional Meters (if changing)
					C							Profile Class Effective From Date	Required if [DI-122] not null
					C							Standard Settlement Configuration (SSC) Id	Mandatory for Traditional Meters (if changing)
					C							SSC EffectiveFromDate	Required if [DI-123] not null

Group Cardinality & Range
0-0 = Not required
0-1 = Optional, one can be provided
1-1 = Mandatory, one can be provided
0-* = Optional, many can be provided
1-* = Mandatory, many can be provided

Conditional Population Rules
(SV/Event Code Specific)

Data Item Optionality
(SV/Event Code Specific)
1 = Mandatory
O = Optional
C = Conditional (see Value Rules)
N = Not Required

Data Item Name
(can be clicked to navigate to Data Item Definition)

Value Rules
(to help with population of conditional items)

DATA ITEM STRUCTURE

EMDS Catalogue Reference

Data Item Name

Local Catalogue Reference

Description of what the Data Item is used for

DI20215 - Response Code

Data Item Information

Data Item Reference	DI20215
Item Description	Response Code associated with a Business Process Action Request
Local Catalogue Reference	DI-979
Data Item Owner	Balancing and Settlement Code Company
Logical Length	1
Decimal Length	
Physical Length	1
Data Type	String
Data Type Format	A general character string
Data Item Notes	
MHHS Data Classification	Public
MHHS Nullable	Mandatory no nulls
MHHS DataType	
YAML Name	responseCode

Current / non-MHHS Data Type

MHHS Specific Attributes that were previously not populated

Data Item Enumeration

Enumeration Value	Enumeration Description
A	Accepted
R	Rejected
L	Lapsed
W	Warning

Allowable Enumerations/Valid Sets for Data Item and their description

In Market Messages

Market Message
MM20007
MM20011
MM20012
MM20014
MM20016
MM20018
MM20024
MM20029
MM20032
MM20034

List of Messages Item is contained in

DATA SPECIFICATION: STANDARD DEFINITION DOCUMENT

- The Standards Definition document sets out the required format and definition of each data item within the REC Data Specification.

- As a part of the Interface drafting process, new MHHS specific attributes have been added to this document, parties should reference this document to assist in verifying new descriptions of attributes introduced through MHHS.

- Minor housekeeping changes within existing drafting have been identified as part of the review. These have been notified to the REC Code Manager and will be progressed separately.