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SOLUTION OPTIONS PAPER FOR PARTY IMPACT ASSESSMENT

R0083 - CHANGES TO SUPPLY NUMBER FORMAT FOR MHHS
R0083A - CHANGES TO SUPPLY NUMBER FORMAT FOR MHHS

BY HARRIET TRUSS

1 SOLUTION DEVELOPMENT APPROACH

In developing the solution options for R0083 and R0083A the following high-level requirements were identified for Suppliers as the provider of the Supply Number and those that use it:

- The solution should be simple, keeping complexity to a minimum for impacted party systems and communication to Consumers explaining its meaning and use.
- A single Supply Number Format that can be used throughout MHHS transition and in the enduring arrangements.
- The solution maintains, or positively impacts, the Consumer Switching experience.

In addition, the following positions have been supported and taken into consideration in developing the solution options:

- The new DUoS Tariff Id is a suitable replacement for the Line Loss Factor Configuration (LLFC) Id, as it is an alias of and therefore continues to provide charging transparency for Consumers and industry parties
- The Standard Settlement Configuration (SSC) Id is a suitable replacement for the Meter Timeswitch Code (MTC) to be used in combination with other Data Items to identify suitable tariffs
- The new Market Segment Indicator will be beneficial for inclusion in the top line to be used in combination with other Data Items to identify suitable tariffs

Finally, the Code Manager's approach has been to focus solution development on minimising the impact of the MHHS design on the existing purpose of the Supply Number, and not to address additional requirements that have been identified during industry engagement. Engagement with the Authority has not identified any change in the purpose of the Supply

Number. This maintains the scope of the Change Proposals as addressing the consequential impact of the MHHS design only. It has the additional benefit of limiting the scale of consideration, and delivery of change required by industry in relation to and at the same time as MHHS implementation.

ASSUMPTIONS

The MHHS design has been baselined and terminating the use of the MTC, the splitting of the LLFC Id, and the limited use of Profile Classes has been confirmed. Any challenge to this baseline is out of scope of these Change Proposals.

Licence condition changes are out of scope of R0083 and R0083A. Any changes to the provision of the Supply Number, or inclusion of Data Items outside the Supply Number on Consumer bills, would be subject to licence condition change and is the responsibility of the Authority.

Profile Classes will be maintained under MHHS for the following only:

- Profile Class 2 Domestic Economy 7 Customers
- Profile Class 4 Non-Domestic Economy 7 Customers

Whichever solution option is progressed, Market Participants, including Third Party Intermediaries (TPIs), will need to amend their business processes to accommodate the changes to Data Items determined by the MHHS design.

2 PROPOSED SOLUTION

As part of the MHHS programme of work, RECCo and the Code Manager issued a consultation in October 2022, to obtain views from market participants on a revised approach to populating the Supply Number on Consumer bills and statements. Twelve responses were received from Electricity Suppliers, Distribution Network Operators (DNOs) and Meter Administrators.

The Code Manager has added to this input through engagement with the following:

- The Authority
- Members of the Industrial and Commercial Shippers and Suppliers (ICoSS) Group and associated non-Domestic MHHS stakeholders
- TPIs

The solution options provided below have been developed by the Code Manager taking into consideration all input received.

2.1 SOLUTION OPTION 1 (R0083) - MAINTAIN STRUCTURE, RETAIN PROFILE CLASS, REPLACE REDUNDANT DATA ITEMS

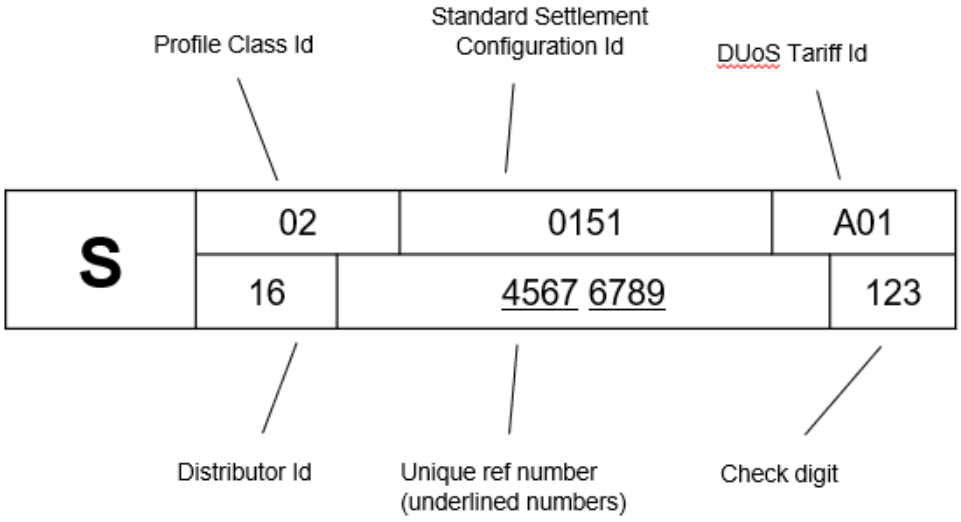
This option was raised as one of the potential solutions under the industry consultation in October 2022. Responses to that consultation, and further stakeholder engagement, have identified the following key requirements for continued use of the top line:

- Identification of whether a Consumer's MPAN is Domestic or non-Domestic
- Identification of Consumers with Economy 7 meters
- Metering and charging information to support offering suitable tariffs
- Transparency of charging information for (non-domestic) Consumers

This solution option proposes the following:

- Maintain the existing structure of the Supply Number
- Retain the Profile Class Id
    - Transition approach: populate with 00 for any migrated Smart, including Advanced, meters
- Remove MTC
- Remove LLFC Id
- Add SSC Id in MTC position – populating with 0000 where it does not apply (e.g. Advanced Meters)
- Add DUoS Tariff Id in LLFC Id position
    - Transition approach: populate with LLFC Id for non-migrated MPANs

The following example has been included for illustrative purposes:



The Supply Number Format, which is within the Data Specification, will be updated to reflect the revised set of Data Items to be included in the top line.

Implementation of this solution option is proposed to be aligned to MHHS go-live (Milestone M8 - Code Changes delivered), to be effective immediately for all MPANs. The solution can therefore be used during the migration period, whilst the existing industry arrangements and new MHHS requirements operate in parallel.

Pros	Cons
Minimal change to the layout and population of the Supply Number	Does not provide easy identification of Domestic/Non-Domestic Consumers for unrestricted meters
Provides continued visibility of Profile Class for legacy multiple register MPANs	Provides only limited metering information on which to identify suitable tariffs
Provides continued visibility of Profile Class throughout migration period so it can continue to be used for non-migrated meters for sales and metering purposes	For the majority of MPANs, which will no longer have a Profile Class following migration to MHHS, only two Data Items in the Supply Number will add value to Consumer experience
Single solution that is applicable throughout transition and for enduring use	

2.2 SOLUTION OPTION 2 (R0083)– AMEND STRUCTURE, REPLACE REDUNDANT DATA ITEMS, ADD NEW DATA ITEMS

This option has been developed as an alternative option to provide enduring data items as well as meeting industry's requirement to retain visibility of the Profile Class. Responses to the industry consultation in October 2022 and further stakeholder engagement has identified the following key requirements for continued use of the top line:

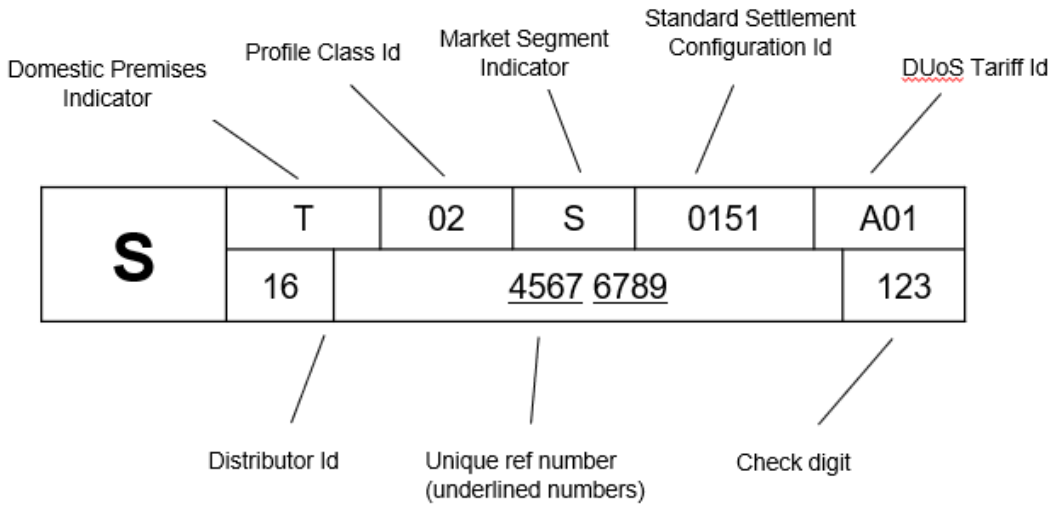
- Identification of whether a Consumer's MPAN is Domestic or non-Domestic
- Identification of Consumers with Economy 7 meters
- Metering and charging information to support offering suitable tariffs
- Transparency of charging information for (non-domestic) Consumers

This solution option proposes the following:

- Amend the structure of the Supply Number
- Add Domestic Premises Indicator – identified by T (True) or F (False)
- Retain the Profile Class Id

  - Transition approach: populate with 00 for any migrated Smart, including Advanced, meters
- Add Market Segment Indicator - provides identification required to understand meter type required for sales and agent appointments. Of those that supported retaining the top line this was supported as one of the most beneficial items to include
- Remove MTC
- Remove LLFC Id
- Add SSC Id – populate with 0000 where it does not apply (e.g. Advanced Meters)
- Add DUoS Tariff Id
  - Transition approach: populate with LLFC Id for non-migrated MPANs
- Data Items to be populated with zeros where not applicable, including where Suppliers are not yet operating under MHHS or for non-migrated MPANs

The following example has been included for illustrative purposes:



The legal text in the Supply Number Format within the Data Specification will be updated to reflect the revised set of Data Items to be included in the top line.

Implementation of this solution option is proposed to be aligned to MHHS go-live (Milestone M8 - Code Changes delivered), to be effective immediately for all MPANs. The solution can therefore be used during the migration period, whilst the existing industry arrangements and new MHHS requirements operate in parallel.

Pros	Cons
Single solution that is applicable throughout transition and for enduring use	Increased complexity in the population and layout of the Supply Number
Market Segment Indicator might be provided for all meters, smart/non-smart/migrated/non-migrated – migration design to be confirmed	Increased complexity in information to be passed on by Consumers
Provides continued visibility of Profile Class for identification of Economy 7 meters to restrict tariffs offered	
Provides continued visibility of Profile Class throughout migration period so it can continue to be used for non-migrated meters for sales and metering purposes	
Supplier-owned data items driving identification of suitable tariffs (Market Segment Indicator and SSC Id)	
Provides easy identification of Domestic/Non-Domestic MPANs	

2.3 SOLUTION OPTION 3 (R0083A) – REMOVE TOP LINE

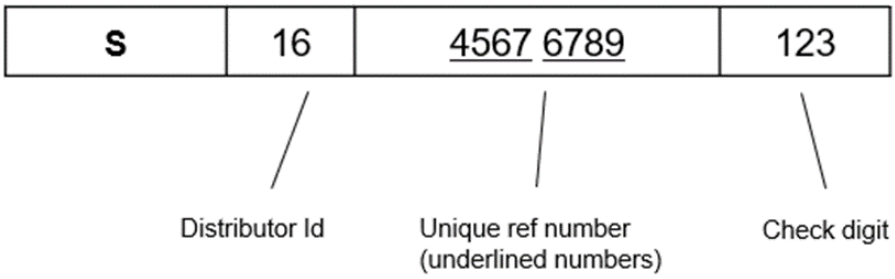
Solution Option 3 is the proposed solution for R0083A, which has specifically been raised to consider removal of the top line entirely from the Supply Number.

This solution option was put forward under the industry consultation in October 2022. Responses in support of this solution were primarily based on the fact that these respondents are not currently using the top line in their business processes or they could access the data in their systems or could use the Electricity Enquiry Service to source data items they require to support completion of their processes.

Under this option, only the bottom line of the S Number would remain, effectively only providing the MPAN. This would allow a consistent approach to be applied across all electricity Metering Points and would align to the existing gas requirements around the provision of the Meter Point Reference Number (MPRN).

The legal text in the Supply Number Format within the Data Specification will be updated to remove all top line requirements.

The following example has been included for illustrative purposes:



Implementation of this solution option is proposed to be aligned to MHHS go-live (Milestone M8 - Code Changes delivered), to be effective immediately for all MPANs.

Pros	Cons
Simple single solution for all MPANs	Does not provide easy identification of Domestic/Non-Domestic Consumers for unrestricted meters
No variation required in population approach during the transition period	Does not provide identification of Economy 7 meters to restrict tariffs offered
Aligns to presentation of gas MPRN	Does not provide transparency of charging information to Consumers, particularly non-domestic
	Stakeholders who do not have access to EES will not have access to data items that are central to their business operations and the service they offer
	Risk of increase in Switch errors or failures through mis-identification of meter types by Consumers

3 ALTERNATIVE SOLUTIONS CONSIDERED

Amending the structure, by adding only one Data Item was also considered. However, this has not been progressed as an option on the basis that if the number of Data Items in the top line is to be increased the opportunity should be taken to add all the key data items that meet the requirements rather than look to prioritise them. No combination of four Data Items met all the requirements identified for continued use of the top line and prioritisation would have a disproportionate impact across Consumers.

Within solution options 1 and 2, other Data Items were considered to replace MTC and LLFC Id. These have not been taken forward as follows:

- Connection Type – industry input has shown that the primary use of the MTC is to support identification of suitable tariffs, the Connection Type is not a suitable alternative to support this requirement. Although knowing the Connection Type is useful for Consumers wishing to put a direct MEM contract in place, this is not information that has previously been a requirement of the Supply Number
- Rota Load Block Alpha Id could be included as this is useful to Consumers and Suppliers are already required to provide this to customers via the DCUSA obligations. However, this would introduce a new purpose for the Supply Number rather maintaining its existing use

4 APPENDIX – SOLUTION OPTIONS DRAFT LEGAL TEXT

- Option 1 (R0083) Supply Number Format redlining v1.0
- Option 2 (R0083) Supply Number Format redlining v1.0
- Option 3 (R0083A) Supply Number Format redlining v1.0