4.3 CP Form

Change Proposal – BSCP40/02	**CP No:** *Version No: 1.0*

Title
Change the number of characters used to specify Market Participant Role Codes in the Market Domain Data

Description of Problem/Issue
The 'Market Participant Role Code' is a single character alphanumeric value which is used as a unique identifier for certain Market Roles.

It is defined in Market Domain Data (MDD) Entity 21 "Market Role"[1] and is used:

- in the main body of six Market Messages sent across the DTN (as the J0001 Data Item):
  - D0269 Market Domain Data Complete Set v002 (BSC-owned)
  - D0269 Market Domain Data Complete Set v004 (BSC-owned)
  - D0270 Market Domain Data Incremental Set v002 (BSC-owned)
  - D0270 Market Domain Data Incremental Set v002 (BSC-owned)
  - D0383 Notification of Commissioning Information (BSC-owned)
  - D0331 Update Green Deal Market Data (REC-owned)
- in the definition of other MDD Entities
- in the header of all Market Messages sent across the Data Transfer Network (DTN) to define the sender and the recipient, but BSCCo believes that this would only impact those DTN Users using the 'Fixed File' format.

Currently, there are only 36 available Market Participant Role Codes:

- Letters A to Z inclusive; and
- Numbers 0 to 9 inclusive.

Electralink has informed BSCCo that, in addition to the above, there is one special character which could be used in the 'From Participant' and 'To Participant' fields in the DTN file headers:

- Hyphen '-'.

However, BSCCo is awaiting a statement from our service provider of whether the hyphen is a permissible character for all uses of Market Participant Role Code.

BSCCo is aware that the 36 available alphanumeric Market Participant Role Codes are:

- currently in use; or
- have been reserved by the Market Wide Half Hourly Settlement (MHHS) Programme.

BSCCo is also aware that one of the existing Market Participant Role Codes (K) has not been used for at least five years, so could be repurposed.

However there is one Retail Energy Code (REC) CP that would (if approved) require a new Market Participant Role Code in June 2024. As a result, it is highly likely that, without the change proposed in the CP, there would be no Market Participant Role Codes available after June 2024.

[1] MDD Entity 21 will become Industry Standing Data (ISD) Entity 21 from the beginning of the MHHS Programme Transition Period

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Proposed Solution

Amend the Logical Format of the 'Market Participant Role Code' in MDD from 'Char(1)' to 'Char(2)' in BSC documentation.

As a result of this change, consequential updates to the REC will be required to amend the logical format of **'**Market Participant Role Code Data Item' (J0001) in the Electricity Market Architecture Repository (EMAR) Data Specification and, if necessary, any other REC documentation. No formal REC change is required to be raised as any changes to REC documentation will be implemented as a consequence of approval, if received, of this BSC CP.

Justification for Change

This change is necessary to allow BSCCo to allocate new Market Participant Role Codes when required. Without this change, no new Market Participant Role Codes could be allocated, which would be a significant impediment to the implementation of new Electricity Market solutions.

Elexon have investigated the use of all current Role Code's that could potentially be reassigned, noting the below could be repurposed, including for REC CP R0043 which requires a new Market Participant Role Code and has requested an implementation date of June 2024:

- K: Profile Administrator (no activity in 5 years, sole participant no longer performs this function)

A Market Domain Data (MDD) change would need to be raised to reallocate any existing Role Codes. Including '-' as an additional role code would only provide a short-term solution.

BSCCo must be in a position to allocate new Market Participant Role Codes when required, or this could be a significant impediment to the implementation of new Electricity Market solutions.

Changing the Logical Format of the Market Participant Role Code from Char(1) to Char(2) would make thousands of new Market Participant Role Codes available.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?

N/A

Estimated Implementation Costs

BSC Configurable Item - £1k

BSC Central Systems – TBC (IA pending)

Industry systems – to be identified in CP IA.

BSC Configurable Items Affected by Proposed Solution(s)

- BSCP509 Appendix 1 (see Attachment 1)
- BSCP509 Appendix 2 (see Attachment 2)
- SVA Data Catalogue Volume 2 (see Attachment 3)

Impact on Core Industry Documents or System Operator-Transmission Owner Code

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REC EMAR Data Specification – proposed change specified in Attachment 4 The Market Participant Role Code is also used to specify the Sender and the Recipient in the header of all Market Messages sent over the DTN.
Related Changes and/or BSC Releases (mandatory by BSCCo) None.
Requested Implementation Date (mandatory by originator) 7 November 2024, the implementation date for the November 2024 Release of BSC Systems.
Reason: November 2024 will give participants over 6 months from SVG decision to implement the change.
Version History (mandatory by BSCCo)
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