

Code Change Request

1. Applicability.

This form invokes an accelerated change process to introduce new code values for non-transactional codes that already exist in the retail market design.

To be eligible for this process, a code must:

- already exist in the retail market design:
 - Be in the current version of the market design in ARIS
 - Be in the current version of the XML schema
- Be a non-transactional code:
 - The current version of the XML schema does not list the permissible values of the code i.e. schema validation is on length, type and/or format only
 - The code is sent on messages outgoing from ESBN only i.e. not present in Web-forms
 - Market participants do not need to process the code in their back end systems in order to meet their license and/or assurance obligations

NT Code Change Request Number	Code Name	New Code Value
CCR 002	Meter Category	16 new code values to join the existing Meter Category codes.

Requesting Org. (list business team)	ESB Networks
Contact name	Jessica Gregory
Date Request sent to RMDS	30th July 2008

Date	Version	Reason for Change
30/07/2008	1.0	Code change request created.
27.08.2008	2.0	Descriptions changed for RM codes
02.10.08	3.0	Default Register Group for RM103 and RM105 changed.

Background
<p>The Meter Category field appears on the following Market Messages: 010, 016, 208, 210, 260, 261, 300, 300W, 303R, 305, 306, 306W, 307, 307W, 310, 310W, 311, 320, 320W, 331, 332, 332W, and 341.</p> <p>Meter Category is a code allocated by the Meter Asset Manager to denote the manufacturer and type of meter. It is an alphanumeric 5 character code with existing defined values.</p> <p>The reason for this Code Change Request is to add an additional 16 values to the Meter Category field specific to smart metering. The list of codes are detailed below.</p> <p>The RM100 to RM105 range will be used for Single Phase, Wholecurrent meters. The RM300 to RM304 range will be used for Three Phase, Wholecurrent meters. The RM350 to RM354 range will be used for Three Phase, CT meters.</p>
Description of New Code
<p>Here are the new values for Meter Category, followed by a short description, which will be added to ARIS:</p> <p>RM100 – Smart GPRS 1PH WC 1-20(100)A</p>

RM101 – Smart DLC 1PH WC 0.25-5(80)A
 RM102 – Smart RF 1PH WC 0.5-10(100)A
 RM103 – Smart RF 1PH WC 1-20(100)A
 RM104 – Smart RF 1PH WC 1-20(100)A
 RM105 – Smart PLC 1PH WC 1-20(100)A
 RM300 – Smart GPRS 3Ph WC 1-20(100)
 RM301 – Smart DLC 3PH WC 0.25-5(80)A
 RM302 – Smart RF 3PH WC 0.5-10(100)A
 RM303 – Smart RF 3PH WC 1-20(100)A
 RM304 – Smart PLC 3PH WC 1-20(100)A
 RM350 – Smart GPRS 3Ph WC 1-20(100)
 RM351 – Smart DLC 3PH CT 0.25-5(80)A
 RM352 – Smart RF 3PH CT 0.5-10(100)A
 RM353 – Smart RF 3PH CT 1-20(100)A
 RM354 – Smart PLC 3PH CT 1-20(100)A

For full details on each new Meter Category, see the table at the bottom of this document.

Reason for New Code

Introduction of new meters.

Market Design Documents impacted by Request

ARIS

Date of IGG where discussed

14th August 2008

Meter Category Details

Meter Category	Device Type	Description	Rating Amps	Default Register Group
RM100	M.F.M.	Smart GPRS 1PH WC 1-20(100)A	20(100)	RG042
RM101	M.F.M.	Smart DLC 1PH WC 0.25-5(80)A	20(100)	RG042
RM102	M.F.M.	Smart RF 1PH WC 0.5-10(100)A	20(100)	RG042
RM103	M.F.M.	Smart RF 1PH WC 1-20(100)A	20(100)	RG002
RM104	M.F.M.	Smart RF 1PH WC 1-20(100)A	40(100)	RG042
RM105	M.F.M.	Smart PLC 1PH WC 1-20(100)A	20(100)	RG002
RM300	M.F.M.	Smart GPRS 3Ph WC 1-20(100)	100	RG042
RM301	M.F.M.	Smart DLC 3PH WC 0.25-5(80)A	80	RG042
RM302	M.F.M.	Smart RF 3PH WC 0.5-10(100)A	100	RG042
RM303	M.F.M.	Smart RF 3PH WC 1-20(100)A	100	RG042
RM304	M.F.M.	Smart PLC 3PH WC 1-20(100)A	100	RG042
RM350	M.F.M.	Smart GPRS 3Ph WC 1-20(100)	5	RG042
RM351	M.F.M.	Smart DLC 3PH CT 0.25-5(80)A	5	RG042
RM352	M.F.M.	Smart RF 3PH CT 0.5-10(100)A	5	RG042
RM353	M.F.M.	Smart RF 3PH CT 1-20(100)A	5	RG042
RM354	M.F.M.	Smart PLC 3PH CT 1-20(100)A	5	RG042

Scope of Change

Description		Licence/sector								
		ESBN	Supplier Sector					TSO	SMO	Gen.
			QH	NQH Bus.	Dom.	Unmeter.	SoLR			
non-sys.	Documents	X	X	X			X	X		
	Bus. Process									
Systems	Central	X								
	Hub									
	Schema									
	MPCC									
	Webforms									
	Read Proc.									
	Back-end									

Market Assurance

Description		Licence/sector								
		ESBN	Supplier Sector					TSO	SMO	Gen.
			QH	NQH Bus.	Dom.	Unmeter.	SoLR			
Self-certify	Documents	X								
	Internal test	X								
Audit of Evidence	BSA									
	ITA									
	Conn.									
	DTT									
	MSA Other									
	IPT									
	Back-end									