

<b>Discussion Request 1155</b>			<b>Market Design Process Diagrams &amp; Messages – conversion from ARIS to Document format</b>		
<b>Status</b>	Approved	<b>Priority</b>	High	<b>Status Date</b>	14/01/2015

Date	Version	Reason for Change	Version Status
06/01/2015	1.0	DR for the conversion of the Market Design from ARIS. This version is for the approval of 9 of the 41 MPDs and all 89 Market Messages. Issued to Market	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST			
<b>Requesting Organisation(s)</b>	RMDS	<b>Originating Jurisdiction</b>	RoI
<b>Request Originator Name</b>	Jessica Gregory		
<b>Date Raised</b>	06/01/2015		

Classification of Request			
<b>Jurisdictional Applicability</b>	RoI	<b>Jurisdictional Implementation</b>	RoI Specific
<b>If jurisdictional implementation is for one jurisdiction only – is the other jurisdiction required to effect any changes?</b>	N/A	<b>Co-Ordinated Baseline Version No.</b>	TBC
<b>Change Type</b>	Non-Schema Impacting		

Detail of Request
Reason for Request
<p>The RoI Retail Market currently uses ARIS, a Business Process Modelling tool, to display the Market Design (Market Process Diagrams, Market Messages, Market Segments and Codes and other documents relevant to the Market Design). In 2013 further to discussions with Market Participants and approval from CER, a decision was made to exit from ARIS. This aligns with the format in use by NIE and Gaslink.</p> <p>Due to the volume of MPDs and Market Messages to be converted multiple DR/MCRs are required. At the IGG on 28<sup>th</sup> March 2014 MCR 1145 was approved. The MCR covered 21 of the 41 MPDs and these are available on the RMDS website.</p> <p>This DR/MCR is intended to cover a further 9 MPDs and all 89 Market Messages. A further DR/MCR will be required for the balance of changes.</p>

Proposed Solution
<p>This solution will be delivered by generating MPD documents and Market Messages using Visio diagrams incorporated into MSWord documents They will be generated into PDF format and published to the RMDS website for access by Market Participants. Market Messages will be drafted in Visio format as per their current structure in ARIS but generating the HTML from Visio and publishing to the web. These would drill down to Segments and Data Codes.</p> <p>This project will be delivered in stages and a new DR/MCR drafted for each stage. ARIS will continue to be updated until the project is finished or unless otherwise agreed by Market Participants and approved by CER.</p> <p>As these MPDs are being drafted and converted there are some corrections being identified – these are highlighted below and also recorded in the History of Changes for each MPD.</p>

Due to the volume of changes included in this DR it is not practical to embed all the MPDs and MMs in this DR/MCR document. All the related documents can, however, be found on the RMDS website using the link in red below. Please note this webpage is specific to this DR/MCR and cannot be viewed in isolation of this DR/MCR. This webpage containing the MPDs and MMs will remain as a permanent record of the contents of this DR/MCR.

[\*\*Click on the link here to all the relevant documents associated with this DR.\*\*](#)

For information there are screenshots of this page in **Appendix 1**.

MPD No.	Name	Material Changes from ARIS
06	New QH Metered Demand Connection	No
07.1.2	New Distribution Connected Participant Generator	No
07.1.3	Update Non-Participant Generator	No
07.1.4	Non-Participant Generator turns Participant	No
07.1.5	Participant Generator turns Non Participant	No
11	Changes to Meter Configuration	Corrected SMO listed as a role in the swimlane in ARIS but should be TSO.
29	CoS Grouped Unmetered	No
32	CoLE Group Unmetered	No
33	CoS Single Point Unmetered	No

**Scope of Change**

Jurisdiction	Design Documentation	Business Process	DSO Backend System Change	MP Backend System Change	Tibco	Supplier EMMA	Schema	Webforms	Extranet/NI Market Website
<b>ROI</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>NI</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

**Co-Ordinated Baseline Market Design Documents Impacted by Request**

**Market Messages**

Message No.	Message Name	CoBL	ROI	NI
<b>No Impact</b>	No Impact	No Impact	No Impact	No Impact

**Data Definitions**

*No Impact*

**Data Codes**

*No Impact*

**Market Message Implementation Guides**

ROI	Yes/No	NI	Yes/No
No Impact	Yes	No Impact	

Comments		

ROI - Market Process Diagrams – MPDs		
Market Process Diagram Number	Market Process Diagram Description	Affected
All	All	All

NI - Market Procedures		
Market Process Number	Market Procedure	Affected
No Impact	No Impact	No Impact

ROI Guidance Documentation		
Document	Version	Affected
No impact		No Impact

ROI Briefing Documents		
Document/Paper	Version	Affected
No impact		No Impact

User and Technical Documents			
Reference	Name	Version	Affected
No impact			No Impact

Part 2 - Performance and Data Changes	
Market Messages volume, processing etc.	
Data	
Details of Data changes e.g. cleansing	

Part 3 - ReMCoSG / CER Approval		
Approved by	ReMCoSG	CER
Comments		

# Appendix 1

## Screenshots of the Webpage dedicated to this DR/MCR 1155

### Private: DR 1155 – Market Design Process Diagrams and Messages – Conversion from ARIS to Document format

This page contains the MPDs and Market Messages that form part of DR/MCR 1155.

A page on the RMDS website was chosen to host these attachments instead of embedding them into the usual DR/MCR pdf file itself thus making the file very large.

A link to this webpage is contained in the DR.

#### MPDs

Market Process Design	End to End Diagram
MPD 06 New QH Metered Demand Connection	<a href="#">Click Here</a>
MPD 07 1.2 New Distribution Connected Participant Generator	<a href="#">Click Here</a>
MPD 07 1.3 Update Non-Participant Generator	<a href="#">Click Here</a>
MPD 07 1.4 Non Participant Generator turns Participant	<a href="#">Click Here</a>
MPD 07 1.5 Participant Generator turns Non-Participant	<a href="#">Click Here</a>
MPD 11 Changes to Meter Configuration	<a href="#">Click Here</a>
MPD 29 CoS Group Unmetered	<a href="#">Click Here</a>
MPD 32 CoLE Group Unmetered	<a href="#">Click Here</a>
MPD 33 CoS Single Point Unmetered	<a href="#">Click Here</a>

#### Messages

Message No.	Message Description
010	Registration Request
011	Cancel Registration Request
011A	Cancel Change of Supplier Agreement
012	Objection to Change of Supplier
012W	Withdrawal of Objection to Change of Supplier
013	Customer Details Change
014R	Customer Details Rejection
015	Change of SSAC and or Supplier Unit
016	Change Of Legal Entity
017	Meter Point Status Change Request
021	DeRegistration Request
030	MeterWorks Request
101	New Connection Registration Acceptance
101P	New Connection Provisional Acceptance
101R	New Registration Rejection
102	Change of Supply Registration Acceptance
102P	Change of Supplier Provisional Acceptance
102R	Change of Supplier Registration Rejection
105	Change of Supplier Confirmation
105L	Change Of Supplier Confirmation Customer Loss

<b>106D</b>	Meter Point Status Confirmation DeEnergisation
<b>106E</b>	Meter Point Status Confirmation Energisation
<b>110</b>	Notification to Old Supplier of CoS
<b>111</b>	Registration Cancellation
<b>111A</b>	Change of Supplier Cancellation Notification
<b>111L</b>	Registration Cancellation Customer Loss
<b>111R</b>	Change of Supplier Cancellation Rejection
<b>112</b>	Notification of Objection
<b>112R</b>	Notification of Objection Rejection
<b>112W</b>	Withdrawal of Objection
<b>114</b>	Change of Customer Details Confirmation
<b>115</b>	Change of SSAC and or SupplierUnit Confirmation
<b>115R</b>	Change of SSAC and or SupplierUnit Rejection
<b>116</b>	CoLE Confirmation
<b>116A</b>	Change Of Legal Entity Confirmation
<b>116N</b>	CoLE Notification
<b>116R</b>	CoLE Rejection
<b>117D</b>	Change In Energisation Status Delay
<b>117R</b>	Meter Point Status Request Rejection
<b>122</b>	DeRegistration Confirmation
<b>122R</b>	DeRegistration Rejection
<b>130D</b>	MeterWorks Request Delayed
<b>130R</b>	MeterWorks Request Rejection
<b>131</b>	Work Status
<b>130R</b>	Rejection Of Appointment
<b>208</b>	Replacement Reading
<b>210</b>	Supplier Provided Reading
<b>252</b>	Request for Special Reading
<b>260</b>	Observation of Problem Damage or Tampering
<b>261</b>	Resolution of Problem Damage or Tampering
<b>300</b>	Validated Non Interval Readings Scheduled

<b>300S</b>	Validated Non Interval Readings Special
<b>300W</b>	Withdrawn Non Interval Readings
<b>301</b>	Meter Point Characteristics
<b>301N</b>	Proposed Meter Point Characteristics
<b>303R</b>	Customer Read Rejection
<b>305</b>	Non Settlement Estimates
<b>306</b>	Meter Point Status Change Confirmation DeEnergisation
<b>306W</b>	Meter Point status Change DeEnergisation Withdrawn Read
<b>307</b>	Meter Point Status Change Confirmation Energisation
<b>307W</b>	Meter Point Status Change Energisation Withdrawn Read
<b>308</b>	Non Interval Load Factor Reading Exception
<b>310</b>	Validated CoS Reading
<b>310W</b>	Withdrawn CoS Reading
<b>311</b>	Meter Problems
<b>320</b>	Validated CoS Reading
<b>320W</b>	Withdrawn CoS Reading
<b>321</b>	Read Cycle Notification
<b>330</b>	Non Interval To Interval Change
<b>331</b>	Interval Meter Technical Details
<b>332</b>	Non Interval Technical Meter Details
<b>332W</b>	Withdrawn Read Non Interval Meter Technical Details
<b>341</b>	Import Interval Meter Daily Readings
<b>342</b>	Export Interval Meter Daily Readings
<b>352R</b>	Special Reading Request Rejection
<b>507</b>	Designated DUoS Payment Dispute
<b>507C</b>	Designated DUoS Payment Dispute Control
<b>591</b>	Non Interval Aggregation
<b>594</b>	Part GU Aggregation
<b>595</b>	Interval Import Aggregation
<b>596</b>	Supplier Copy SMO
<b>597</b>	Generator Copy SMO
<b>598</b>	Non Part GU Aggregation
<b>601</b>	Rejection To Invalid Message
<b>602</b>	Daily Summary Reconciliation Count
<b>700</b>	Unmetered Characteristics
<b>700W</b>	Unmetered Characteristics Withdrawal
<b>701</b>	Unmetered Consumption
<b>701W</b>	Unmetered Consumption Withdrawal

## Appendix 2

### Market Messages

Message No.	Message Description	Incl. in this DR.
010	Registration Request	✓
011	Cancel Registration Request	✓
011A	Cancel Change of Supplier Agreement	✓
012	Objection to Change of Supplier	✓
012W	Withdrawal of Objection to Change of Supplier	✓
013	Customer Details Change	✓
014R	Customer Details Rejection	✓
015	Change of SSAC and or Supplier Unit	✓
016	Change Of Legal Entity	✓
017	Meter Point Status Change Request	✓
021	DeRegistration Request	✓
030	MeterWorks Request	✓
101	New Connection Registration Acceptance	✓
101P	New Connection Provisional Acceptance	✓
101R	New Registration Rejection	✓
102	Change of Supply Registration Acceptance	✓
102P	Change of Supplier Provisional Acceptance	✓
102R	Change of Supplier Registration Rejection	✓
105	Change of Supplier Confirmation	✓
105L	Change Of Supplier Confirmation Customer Loss	✓
106D	Meter Point Status Confirmation DeEnergisation	✓
106E	Meter Point Status Confirmation Energisation	✓
110	Notification to Old Supplier of CoS	✓
111	Registration Cancellation	✓
111A	Change of Supplier Cancellation Notification	✓
111L	Registration Cancellation Customer Loss	✓
111R	Change of Supplier Cancellation Rejection	✓
112	Notification of Objection	✓
112R	Notification of Objection Rejection	✓
112W	Withdrawal of Objection	✓
114	Change of Customer Details Confirmation	✓
115	Change of SSAC and or SupplierUnit Confirmation	✓
115R	Change of SSAC and or SupplierUnit Rejection	✓
116	CoLE Confirmation	✓
116A	Change Of Legal Entity Confirmation	✓
116N	CoLE Notification	✓
116R	CoLE Rejection	✓

Message No.	Message Description	Incl. in this DR.
117D	Change In Energisation Status Delay	✓
117R	Meter Point Status Request Rejection	✓
122	DeRegistration Confirmation	✓
122R	DeRegistration Rejection	✓
130D	MeterWorks Request Delayed	✓
130R	MeterWorks Request Rejection	✓
131	Work Status	✓
137R	Rejection Of Appointment	✓
208	Replacement Reading	✓
210	Supplier Provided Reading	✓
252	Request for Special Reading	✓
260	Observation of Problem Damage or Tampering	✓
261	Resolution of Problem Damage or Tampering	✓
300	Validated Non Interval Readings Scheduled	✓
300S	Validated Non Interval Readings Special	✓
300W	Withdrawn Non Interval Readings	✓
301	Meter Point Characteristics	✓
301N	Proposed Meter Point Characteristics	✓
303R	Customer Read Rejection	✓
305	Non Settlement Estimates	✓
306	Meter Point Status Change Confirmation DeEnergisation	✓
306W	Meter Point status Change DeEnergisation Withdrawn Read	✓
307	Meter Point Status Change Confirmation Energisation	✓
307W	Meter Point Status Change Energisation Withdrawn Read	✓
308	Non Interval Load Factor Reading Exception	✓
310	Validated CoS Reading	✓
310W	Withdrawn CoS Reading	✓
311	Meter Problems	✓
320	Validated CoS Reading	✓
320W	Withdrawn CoS Reading	✓
321	Read Cycle Notification	✓
330	Non Interval To Interval Change	✓
331	Interval Meter Technical Details	✓
332	Non Interval Technical Meter Details	✓
332W	Withdrawn Read Non Interval Meter Technical Details	✓
341	Import Interval Meter Daily Readings	✓
342	Export Interval Meter Daily Readings	✓
352R	Special Reading Request Rejection	✓
507	Designated DUoS Payment Dispute	✓
507C	Designated DUoS Payment Dispute Control	✓



<b>Message No.</b>	<b>Message Description</b>	<b>Incl. in this DR.</b>
591	Non Interval Aggregation	✓
594	Part GU Aggregation	✓
595	Interval Import Aggregation	✓
596	Supplier Copy SMO	✓
597	Generator Copy SMO	✓
598	Non Part GU Aggregation	✓
601	Rejection To Invalid Message	✓
602	Daily Summary Reconciliation Count	✓
700	Unmetered Characteristics	✓
700W	Unmetered Characteristics Withdrawal	✓
701	Unmetered Consumption	✓
701W	Unmetered Consumption Withdrawal	✓