

Discussion Request 1155			Market Design Process Diagrams & Messages – conversion from ARIS to Document format		
Status	Issued to Market	Priority	High	Status Date	06/01/2015

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

Requesting Organisation(s)	RMDS	Originating Jurisdiction	RoI
Request Originator Name	Jessica Gregory		
Date Raised	06/01/2015		

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

Detail of Request

Reason for Request

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.

Due to the volume of MPDs and Market Messages to be converted multiple DR/MCRs are required. At the IGG on 28th March 2014 MCR 1145 was approved. The MCR covered 21 of the 41 MPDs and these are available on the RMDS website.

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.

Proposed Solution

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.

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.

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.

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
ROI	<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"/>
NI	<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
No Impact	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	Click Here
MPD 07 1.2 New Distribution Connected Participant Generator	Click Here
MPD 07 1.3 Update Non-Participant Generator	Click Here
MPD 07 1.4 Non Participant Generator turns Participant	Click Here
MPD 07 1.5 Participant Generator turns Non-Participant	Click Here
MPD 11 Changes to Meter Configuration	Click Here
MPD 29 CoS Group Unmetered	Click Here
MPD 32 CoLE Group Unmetered	Click Here
MPD 33 CoS Single Point Unmetered	Click Here

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

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
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
130R	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
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

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	✓

Message No.	Message Description	Incl. in this DR.
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	✓