
Retail Markets Co-Ordination Working Group

Wednesday, 4th March, 2015

NIAUR Offices

Belfast



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Retail Market Design Service

ESB Networks

ReMCoWG Agenda

Agenda Item	Presenter	Time
Introduction	J Gregory ReMCoDS	12:30 – 12:35
ReMCoSG Meeting Feedback	J Gregory ReMCoDS	12:35 – 12:50
Tibco Hub/EMMA Update	Carmel O'Connor, R Aherne, ESBN	12:50 – 13.20
Smart Metering Update	M Moloney, Smart Metering	13:20 – 13:35
Market Design Update	J Gregory ReMCoDS	13:35 – 13:50
ReMCoWG To-Do List Review	J Gregory ReMCoDS	13:50 – 13:55
AOB & Closing	J Gregory ReMCoDS	13:55 – 14:00



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Approval of Minutes

Minutes from ReMCoWG meeting
14th January 2015



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Update from ReMCoSG Meeting

- There has been 1 ReMCoSG held since the last ReMCoWG – 25th February 2015

Topic	Detail	Action Item	Status
Co-ordinated Change Control Strategy Document	NIE provided an update as to what consensus means (Action 130). The explanation is in the "Governance Arrangements for Retail markets Co-ordination Market document", which is published on the RMDS website. This states that consensus is a unanimous decision. An issue can be taken to the SG for adjudication where consensus is not met.	123 ReMCoDS to update the Co-ordinated Change Control Strategy document to include the CoBLCR & Co-MMR	closed
	Attendees agreed to sign off the Co-ordination Change Control Strategy document. This document will be published on the RMDS website.	130 CER to revert with clarification on what consensus means and if any change in relation to the wording is needed	closed
Smart Metering	It was agreed that Action 105 remains as a placeholder. ESBN & CER gave an update on the Smart Metering Programme. Programme is in phase 3 - detailed design. ESBN have commenced workshops with Suppliers (currently 3 out of 12) have taken place. NI Suppliers have been invited to attend these workshops. CER have discussed Smart Metering implications with NI Suppliers. Implementation timelines for Smart Metering have yet to be defined. CER will give an update at the ReMCoWG on 4th March.	105 Incorporating Smart changes into the Co-Ordinated Retail Markets	pre-existing
	Action 131 was discussed in relation to impacts on the co-ordinated market. It appears that the main impact on the co-ordinated market will be the schema freeze. Details of when the freeze will take place and the length of the freeze will be provided at a later stage by the NSMP. NI will have limited development requirements for the implementation of changes. Details of this are being explored in the design workshops. All non schema releases and standard co-ordinated change control (MCRs) will take place during the SM programme. It was agreed that Smart Metering will be a standing item on the Agenda of the ReMCoSG.	131 ESBN to develop a high level impact assessment for Smart Metering on the co-ordinated market	closed
TIBCO	NIE and ESBN have approvals in place in order to proceed with the project. IBM have been re-engaged with a planned restart of the project on March 2nd. Requirement for a Friday-Sunday outage for cutover will be discussed at ReMCoWG on 4th March. By mid April, team will be in a position to meet with Supplier's IT Technical contacts to discuss project implications.		
Other	Assurance and the overall co-ordination and planning for the schema release (TIBCO and 2 MCRs) was discussed. ReMCoDS took an action produce a plan for the release. Fiona Hannon will replace Siobhan Melvin as the ROI Supplier Rep.	132 ReMCoDS to provide a high level plan for Co-ordinated Schema Release 2015	New Action

ReMCoWG Action Items

- Updated ReMCoWG Action List issued in advance of meeting
 - 1 Action still open since last ReMCoWG meeting.

AP No.	Title	Org. Assigned to	Date Due	Date Raised
131	Tibco Project Upgrade - ESB/NIE to inform Suppliers of the Project start date	Suppliers	04/03/2015	14/01/2015



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ReMCoWG

4 March 2015

AGENDA



- **Recent Events**
- **Future Plans**

- **Maintain operational stability**
 - No major events since the last meeting
 - There were 18 contingency events since the last meeting
- **Supplier EMMA housekeeping**
 - Suppliers are reminded to continue their EMMA housekeeping and to keep ESB/NIE updated with any possible IT impacts in advance

Recent Events

Start Date	End Date	Planned	Contingency Invoked	Comments	
08/01/2015	09/01/2015	N	Y	Supplier connectivity issue	Supplier 1
20/01/2015	20/01/2015	N	Y	Supplier connectivity issue	Supplier 2
21/01/2015	21/01/2015	Y	Y	TIBCO Alerts	Supplier 2
26/01/2015	26/01/2015	Y	Y	Supplier Security Patching	Supplier 7
26/01/2015	27/01/2015	N	Y	Supplier connectivity issue	Supplier 3
31/01/2015	02/02/2015	N	Y	Supplier connectivity issue	Supplier 4
02/02/2015	02/02/2015	N	Y	Supplier connectivity issue	Supplier 5
05/02/2015	09/02/2015	N	Y	Supplier connectivity issue	Supplier 6
05/02/2015	05/02/2015	Y	Y	TIBCO Alerts	Supplier 8
05/02/2015	05/02/2015	N	Y	Supplier connectivity issue	Supplier 3
09/02/2015	09/02/2015	N	Y	Supplier connectivity issue	Supplier 5
11/02/2015	11/02/2015	N	Y	Supplier connectivity issue	Supplier 3
12/02/2015	12/02/2015	N	Y	Supplier connectivity issue	Supplier 7
13/02/2015	13/02/2015	N	Y	Supplier connectivity issue	Supplier 3
14/02/2015	15/02/2015	Y	Y	Supplier Security Patching	Supplier 9
16/02/2015	16/02/2015	N	Y	Supplier connectivity issue	Supplier 5
18/02/2015	18/02/2015	N	Y	Supplier connectivity issue	Supplier 4
19/02/2015	19/02/2015	N	Y	Supplier connectivity issue	Supplier 2

No. of Planned Outages	No. of Unplanned Outages	No. of times Contingency Invoked
4	14	18

TIBCO Application Monitoring Alerts

- Successfully implemented on all Supplier EMMAs
- Additional and early TIBCO alerts have already been of benefit to the Market and a Supplier

Future Plans



- Outage Dates:
 - 15th March – third Sunday in March, still unknown if required

- All required approvals in place to proceed
- Project team re-engaged as of Monday, March 2nd
- Solution will be built for Option 2 – Smart Metering – taking account of Suppliers preference to scale EMMAs as required
- Initial Project timeline was 43 weeks – objective is still to go-live in 2015
- Project will include the schema release incorporating MCR 1111: Debt Flagging and MCR 1122: Essential Plant
- A detailed technical briefing will be planned for April to provide Suppliers with technical requirements, required involvement, proposed dates and cutover approach

Questions?



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Update on Approach to delivery of SMART Retail Market Changes - ReMCoWG

Smart Metering Programme

4th March, 2015

To Provide:

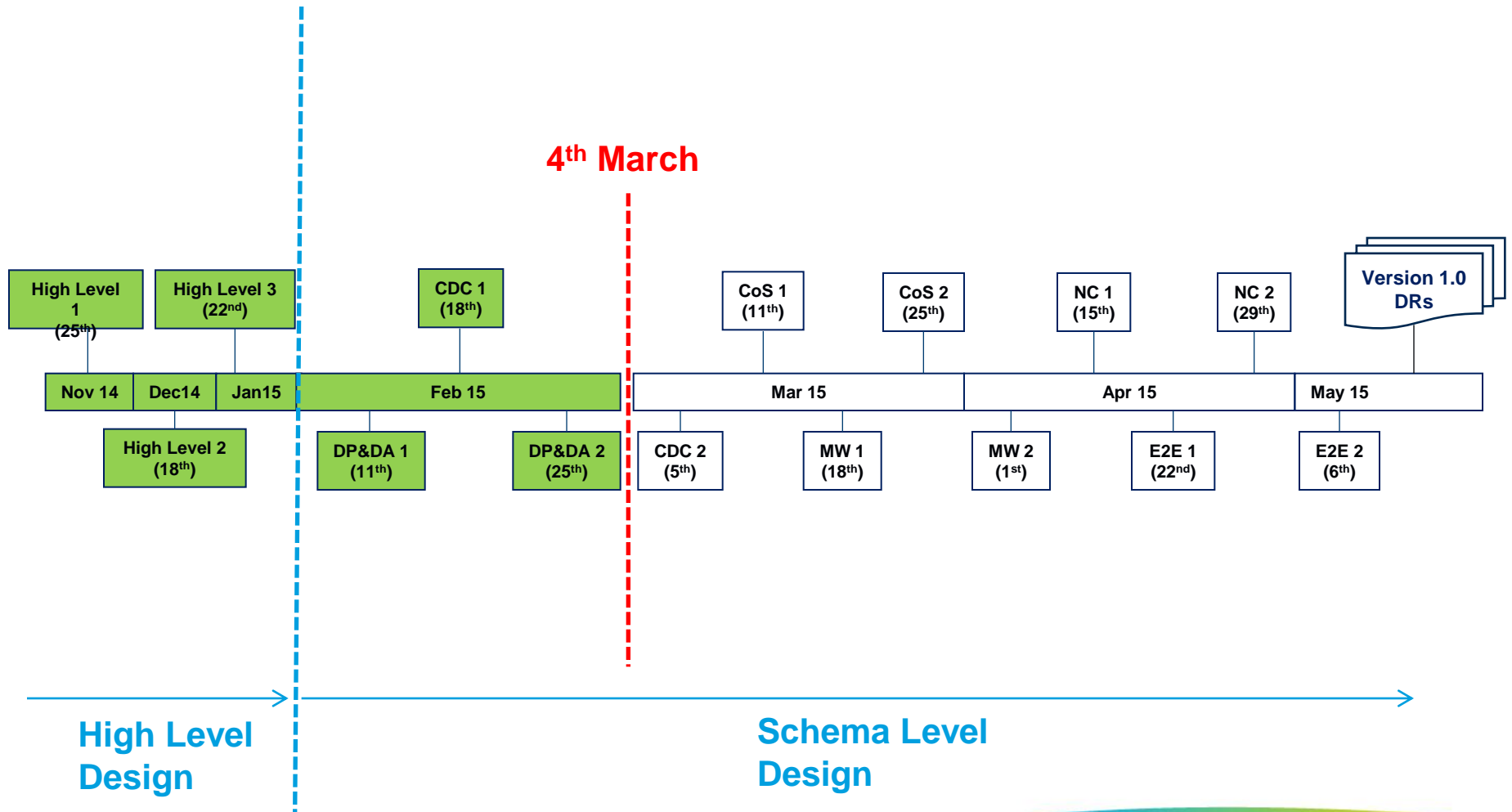
An update on progress on the delivery of Smart Retail Market Changes

A High Level Overview of Smart Retail Market Changes

Recap High Level Overview of Approach

- **Under Smart Metering Programme, CER has asked ESB Networks to lead industry workshops in 2014/15 to progress this deliverable**
- **‘Business as usual’ approach is not valid**
 - First Major project where changes are required to the Coordinated Baseline
- **Approach reviewed with RMDS**
- **Industry workshops estimated to take 6 months**
 - High Level Design (November’14 – January’15)
 - MPD/Schema Level (February-May)
- **Discussion Request(s)/ Market Change Request(s) submitted to industry change control and governance mechanism in Q2 2015**
 - Exceptional Working Group Meeting to approve Smart Discussion Request(s)
- **‘Status Updates’ for Industry Change Control & Governance Groups**
 - Updates at ReMCoWG Dublin Meetings
- **Output: Market Change Request(s) containing approved schema and retail market changes to the Co-ordinated Baseline supporting SMART Metering**

Status Update - Industry Workshops



Approach to MPD/Schema Level Detail Design Workshops

- **Workshop Process**
 - Detailed Process outlined to ROI & NI Market Participants
 - Workshop Schedule & Key Dates for Inputs & Outputs published
 - On Schedule
- **Workshop Attendance open to ROI & NI Market Participants**
 - Good attendance, active participation & feedback
 - Attendees well prepared as material is published in advance
- **Inputs & Outputs from Workshops published, as per the schedule, on the RMDS private website and available to ROI & NI Market Participants**
 - Discussion Request (DR) material & Market Documentation
 - Collated feedback from Market Participants
- **NI specific**
 - Section in DRs with NI specific impacts
 - NI Input requested for review of DRs
 - Focus on schema/message changes affecting NI
 - Feedback/Questions to ESBN Smart Metering
 - Regular meetings between ESBN & NIE

This overview is based on the work done during the three High Level Design Workshops

This is subject to change as we work through the MPD/Schema level detail design workshops

Schema consists of:

42 existing Market Process Documents – MPDS (Swimlanes)

8 Market Message Guides (word documents 700 pages)

**Meter Registration, Meter Works, Data processing, Data Aggregation,
Customer data and Agreements**

Construction of the messages sent and received

Interpretation of the messages sent and received

Market Messages – 90

Data Items – 213

Data Codes – 1750

Supplementary Information

Briefing Documents – 10

Working Practices – 24

- 42 existing Market Process Documents – MPDS (Swimlanes)
 - 19 impacted by Smart
 - 2 new MPDs for Meter Works
- Visios and Supporting Documentation and Supplementary Information changed

Process Groups – New Messages

- ❑ 5 New Messages added to existing 90 Messages
- Data Processing & Data Aggregation
 - 343 SMART Import Interval Meter Daily Readings
 - 345 SMART HH Cumulative Register Readings
 - 322 DUoS Billing Cycle Notification
 - 592 SMART Interval Import Aggregation
- Customer Data Changes
- Change of Supplier
 - 102A Change of Supplier Advice Notification
- Meter Works
- New Connections
- DUoS
- ❑ Market Message Guides changed accordingly
- ❑ **New Messages not valid for NI**

5 New Data Items

➤ **5** New Data Items added to existing **213** Data Items

Business Name	Business Data Definition
DUoS Billing Frequency	Duos Billing Frequency is a code that indicates the frequency of Duos billing at the meter point.
Duos Billing Cycle	Duos Billing Cycle Day refers to the day in a 41 working day cycle (ROI) that a Half Hourly meter is due to be Duos Billed.
Smart Non Participation Code	Code to identify Smart Non Participation details as 1) Non Interval Data 2) Non Technical Non Participation 3) Multiple Visits No Access 4) Smart Exchange Deferred
Delete Smart Non Participation Flag	This is a flag indicating whether or not Smart Non Participation details are to be deleted
Comms Technically Feasible	This flag indicates to a supplier the feasibility of the Communications to the Smart meter

New Data Items

New Data Item	Market Message
SmartNonParticipationCode	010
	013
	016
	017
	101
	102
	102P
	105
	114
	102A
DeleteSmartNonParticipationFlag	010
	013
	114

New Data Item	Market Message
CommsTechnicallyFeasible	102
	102P
	105
	114
	331
	332
	332W
	102A
DUOSBillingCycle	101
	101P
	102
	102P
	105
	102A
DUoSBillingFrequencyCode	322
	322

- 5 new Data Items across 15 MMs,
- 2 of which are new MM (102A, 322)
- Other new MMs use existing Data Items
- New Data Items to be ignored in NI

New Data Codes

- Approx 34 added to existing 1750 Data Codes
- 2-10 MCC codes
 - MCC12, MCC13...
- 21 other new codes relating to
 - Smart Non Participation (CoS, CoCD, Meter Works)
 - De-energisation and Re-energisation (Meter Works)
 - Register Types (Data Processing and Data Aggregation)
 - Reject Reasons (CoS, CoCD, DP and DA)
- 2 existing with new use on existing MM
- 2 new codes on new MM (322)
- 2 Description amends
- 2 codes changed to 'not valid'
- 1 changed to 'not valid' for ROI only

New Data Codes

Data Item	Code Value	Code Value Description	Valid in ROI?	Valid in NI?
CoS Read Arrangement	MC	Meter Change	No	Yes
Delay Reason	DE03	Application Form required	Yes	No
Reject Reason	DIJ	Data Invalid for Jurisdiction	Yes	Yes
Meter Configuration Code	MCC12	HH1CH_1CR_IP	Yes	No
Meter Configuration Code	MCC13	HH2CH_2CR_IPW	Yes	No
Meter Point Status	DR	De-energised Remote	Yes	No
Meter Point Status Reason	D04	De-Energise Customer works	Yes	No
Meter Point Status Reason	D05	De-Energise (HH Prepayment)	Yes	No
Meter Point Status Reason	E05	Re-energise (HH PrePayment)	Yes	No
Meter Works Type	M16	MCC change (HH)	Yes	No
No Read Code	98	Comms not available	Yes	No
Register Type	70	Import HH kW	Yes	No
Register Type	71	Import HH kVAr	Yes	No
Register Type	74	Import 24hr Kwh	Yes	No
Register Type	75	Import 24hr kVArh	Yes	No
Reject Reason	IID	Invalid/Incomplete data	Yes	Yes
Reject Reason	IM	Interval Meter Point	Yes	No
Reject Reason	MIC	MIC Change detected	Yes	No
Reject Reason	NQE	Not Interval QH Eligible	Yes	No
Reject Reason	QHM	QH Interval Meter Point	Yes	No
Reject Reason	IRI	Invalid Request Half Hourly site	Yes	No
Reject Reason	RIR	Remote Site Invalid Read	Yes	No
Reject Reason	SNP	Smart Non Participation details invalid	Yes	No
DUoSBillingFrequencyCode	B	Bi-monthly	Yes	No
DUoSBillingFrequencyCode	M	Monthly	Yes	No
SmartNonParticipationCode	01	Non Interval Data	Yes	No
SmartNonParticipationCode	02	Non Technical Non Participation	Yes	No
SmartNonParticipationCode	03	Multiple Visits No Access	Yes	No
SmartNonParticipationCode	04	Smart Meter Exchange Deferred	Yes	No
Metering Interval	15	15 minutes	Yes	No
Metering Interval	30	30 minutes	Yes	Yes
Metering Interval	24	24 hours	Yes	No
Outcome Reason	tbc		Yes	No
Work Type Code	tbc		Yes	No
Observation Code	tbc		Yes	No

- NI to use DIJ for new codes not relevant to NI
- Metering Interval to be codified
 - 15
 - 30
 - 24

- Briefing Documents 10
- Reviewed and amended:
 - aggregation-briefing-document
 - estimation-of-non-interval-meter-readings
 - MIG document_Supplier Billing Invoicing
 - meter-configuration-code-guidance-notes
- No Working Practices changed
- New Working Practices may be added

Questions



Market Design Update

ReMCoDS

4 March 2015
Jessica Gregory

DR 1140 V1.0 – Introduction of Eircodes into the Retail Market in Ireland

What is proposed in DR 1140

- The Eircode Project is aiming to have ‘Eircodes’ available in June 2015
- ESB Group have been asked to facilitate the Postcode Project
 - ESB Networks are the first step within the ESB Group in facilitating this process
- A Data Sharing Agreement is in place between the Eircode Project and ESB Group to allow data from the Central Market System be made available for Eircodes
- Once Eircodes have been allocated to sites these will be made available back to ESN where data matching has been possible
- ESN have drafted DR1140 outlining what work would need to be done on the Central Market System to allow for the addition of the new Eircode values
- DR1140 is written to show the minimum level of change needed for the introduction of Eircodes and also additional work that could be considered (all this is for discussion)
- Suppliers & TSO will as normal need to assess the impact of the DR for yourselves
 - Will an Eircode cause problems if it comes across without Supplier system changes?
 - How much work will be required to enable Eircodes?
- Once an MCR is agreed then timelines for release – in 2015? – need to be agreed

At Today’s Meeting:

Recommendation for classification as ROI specific

Schema Release

- ❑ As per action at the recent SG – ReMCoDS are in the process of drafting a Co-Ordinated Schema Plan. This will need to take into consideration:
 - All involved stakeholders and associated programmes/projects,
 - Dates will be determined by the various technical streams.
 - Individual Jurisdictional assurance requirements
 - Dual Jurisdictional assurance requirements (the schema)
 - Market delivery and cutover considerations.

- ❑ ReMCoDS hopes to deliver a plan to MPs before or at the next WG.

Upcoming Outages

Outages

* Outage Type P = Planned U = Unplanned A = Actual

Previous Years [2014 Outages](#)

*P/U	From	To	Reason for Outage	Backlog Handling	System Affected	Jurisdiction Affected
P	15/03/2015 Approx 08:00	15/03/2015 Approx 11:00	New Market Entrants	As there are low volumes of market activity at the weekend, any impact will be negligible.	TIBCO <i>(During the outage Capita request that Suppliers do not issue market messages from their back-end billing systems).</i>	NI & ROI Electricity Market



2014 ReMCoDS Customer Satisfaction Survey

- The ReMCoDS survey was issued on 13th February 2015
- Return date will be 13th March 2015
- All Market Participants are encouraged to respond as we action items arising out of the survey to improve service delivery to the Co-ordinated Market.



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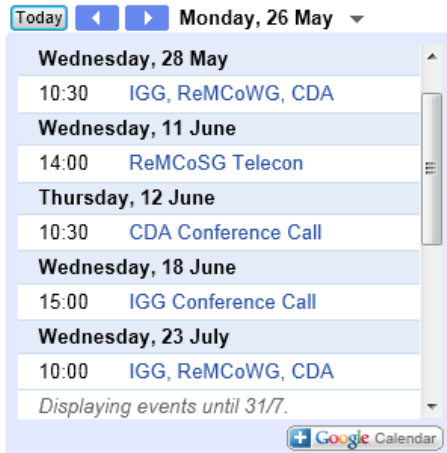
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Next Steps

□ Diary dates for next ReMCoWG meeting:

□ **Wednesday 13th May 2015 - Dublin**

Dates included on **Calendar of Events** on
RMDS website www.rmdservice.com



ReMCoWG Meeting

Thank You



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4th March 2015



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