

MHHS Testing and Migration Advisory Group Actions and Minutes

Issue date: 22/06/22

Meeting number	TMAG 006	Venue	Virtual – MS Teams
Date and time	15 June 2022 1000-1200	Classification	Public

Attendees

Chair

Chris Welby (CW) MHHS IM SRO

Industry Participants

Chandrani Ghosh (CG)	Elexon Representative (as central systems provider)
Dave Jones (DJ)	RECCo Representative
Ian Hatton (IHat)	DNO Representative
Martin Hanley (MH)	Large Supplier Representative
Nickie Bernsmeier-Rulow (NBR)	DCC Representative (as smart metering central system provider)
Nicola Bumford (NBu)	NGESO Representative

MHHS IM members

Adrian Ackroyd (AA)	Test Manager
Jason Brogden (JB)	Industry Expert
Kate Goodman (KG)	Test Architect
Martin Cranfield (MC)	PMO Governance & Secretariat Lead

Other Attendees

Sinead Quinn (SQ)	Ofgem (as observer)
Rachel Clark (RC)	Ofgem (as observer)

Observers

Santosh Vasudevan (SV) – alternate for Chandrani Ghosh	Elexon Test Lead
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Apologies

Stacey Buck – iDNO Representative

Actions

Area	Action Ref	Action	Owner	Due Date	Update
Actions	TMAG06-01	Provide further detail on test stubs consumption data to support TMAG members to provide feedback on the MHHS assumption that the Programme would be creating test	Programme (Kate Goodman)	22/06/2022	Please see below under Test stub consumption data

		data to inject into Programme Participant systems and not vice versa			discussion Item
Data quality	TMAG06-02	Share DWG and MWG Headline Reports with TMAG members	Programme (PMO)	16/06/2022	Attached with TMAG Headline Report
	TMAG06-03	Provide further feedback to the Programme on any Unmetered Data Services data quality issues	DNO Representative (Ian Hatton)	06/07/2022	
MWG update	TMAG06-04	Share the Test Data Strategy with TMAG members	Programme (PMO)	16/06/2022	Attached with TMAG Headline report
	TMAG06-05	Meet to discuss testing scope (e.g. MPXNs) and bring up to speed on progress of TMAG	Kate Goodman, Nicola Bumford	06/07/2022	
Working group plan	TMAG06-06	Develop a schedule of deliverables per TMAG working group, outlining the dependencies between groups	Programme (Kate Goodman)	06/07/2022	
	TMAG06-07	Share MHHS governance and working group structure	Programme (PMO)	16/06/2022	Attached with TMAG Headline report

RAID Items

RAID area	Description
None raised	

Minutes

1. Welcome

CW welcomed all to the TMAG 006 including three new attendees – RECCo Representative, NGESO Representative and Elexon Representative.

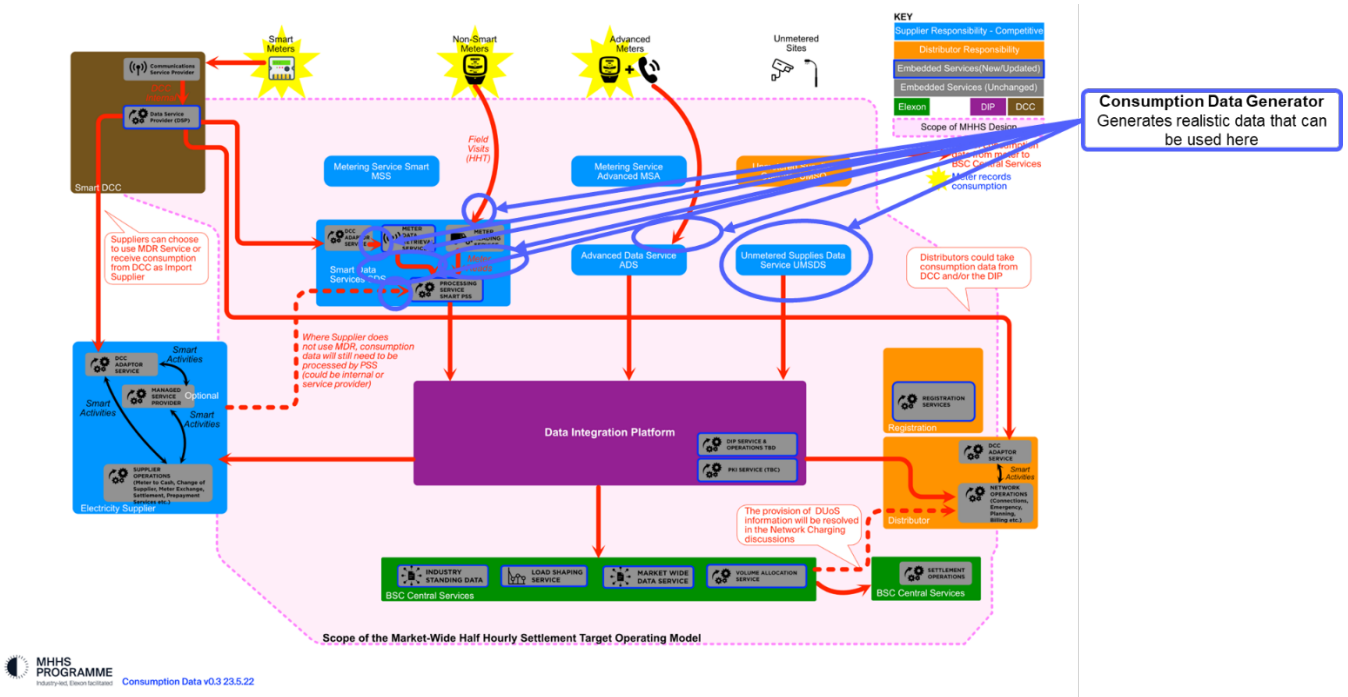
2. Minutes and Actions

The minutes from 15 May 2022 were **APPROVED**.

CW ran through the actions as per the slides. KG invited discussion on action TMAG05-01 (to validate the Programme's assumption that Programme Participants have a way of injecting the Programme's generated data into their systems). This was related to a test stub that would create consumption data for each market segment e.g. Unmetered, Smart, Advanced. The Programme will create the data, but not the tools to inject data into systems and services. This action was to validate that TMAG members would be able to inject test consumption data created by the Programme into Programme Party systems and services for testing. This is not referring to any data cut from Programme Participants to be used for testing.

IHat queried what type of data was being discussed and if this data would go via the Data Integration Platform (DIP). KG clarified that this was consumption data generated for use in data services. CG queried if information would be provided on how stubs would be provided to match different scenarios. KG clarified that the tool would be configurable to match Programme Participant requirements and that it would not be used for single tests but for generating bulk data. SV queried if this was for data migration and what would happen later in the Programme, as their understanding was data used in the Programme would be single use. KG clarified it would be about creating realistic but manufactured data (not live data) for MPANs with certain Meter Technical Details. This action was about validating how Programme Participants would inject generated consumption data into Programme Participants' services. CW

proposed bringing this to the next month's TMAG for full discussion as it is an important assumption. KG noted she would add some further detail describing this to support TMAG member feedback, for TMAG members to provide feedback ahead of the meeting. JB added this was about consistency and doing data generation once.



Content added in response to action TMAG 06-01 below: The above diagram shows a view of the overall architecture with the flows of consumption data only (shown in red). The blue ellipses show where the data we intend to generate can be used – which components it can be injected into. We will produce the **data only and output it in some simple form** (for example as a csv file with a specified, agreed format) such that it can be picked up and translated as appropriate and injected into the relevant system component. We will not provide translation or any test stub to inject it in the appropriate place. We should like to verify the assumption that participants will be able to use such data by providing translation/injection themselves.

ACTION TMAG06-01 – Programme to provide further detail on test stubs consumption data to support TMAG members to provide feedback on the MHHS assumption that the Programme would be creating test data to inject into Programme Participant systems and not vice versa

3. Governance Group Updates

CW introduced the item and invited questions, noting the slides as read. MC highlighted that the meeting headline reports for the Programme Steering Group (PSG) and Design Advisory Group (DAG) were now available if members wanted to see the outcomes of these meetings.

4. Data Quality

AA introduced the item as per the slides, noting data is key to the Programme and therefore the Programme is looking for input from TMAG members on the quality of data (e.g. known data issues out there that may impact the Programme). Some items have been raised through the Migration Working Group (MWG), for example issues related to Domestic Premises Indicator and Metered Indicator (highlighted as an issue from the Switching Programme) and Import/Export MPAN (highlighted in DWG), and considerations on how data models would be surfaced. Further questions were raised in MWG on migration and COS scenarios. These questions are being built into the migration approach. AA summarised the ask of TMAG for any further issues related to data quality, referencing the questions as per the slides.

IHat noted there was currently no direct link between Meter Serial Numbers and Smart IDs (GUIDs). The meter serial number link to MPAN was good, and there were some issues with Smart ID to MPAN e.g. multiple MPANs linked to a smart ID and vice versa, but processes exist to correct the data. IHat also had feedback from constituents on the dates for data cleansing (February 2023). St Clements had fed back that this was too early, with stage zero Change

Requests not yet approved. St Clements believed June 2023 would be more realistic. JB responded that February 2023 was highlighted by the CCDG as per their recommendation that resulted in change proposal 1558 where February 2023 would be the trigger for data cleansing activities. DWG had discussed this, with this as a dependency input into the Programme plan. JB noted that the Programme have been referred to the expert at St Clements to discuss this further.

MH highlighted an issue in DWG that Programme Participants would be staffing testing on data that had not yet been cleansed. JB, AA and KG agreed this was an important issue to consider. AA noted the scope of this needs to be understood to know how to address the data cleanse. KG added that lessons that can be learned from work on elective half-hourly as per an action from the last DWG. JB added that key data items to map were well known for data migration. KG added that the DWG headline report can be shared with the minutes which contains some discussion on this.

NBR queried if MPANs should include MPxNs. JB clarified MHHS scope was electricity only and so only included MPANs.

CW invited final questions. None received. CW invited TMAG members to flag any data quality issues identified to the Programme as-and-when, as any data that needs cleansing needs to be addressed ahead of time. JB noted issues related to Unmetered Data Services were particularly important to highlight to the Programme. This is primarily for DNOs and iDNOs. IHat responded they were looking into this.

ACTION TMAG06-02 – Programme to share DWG and MWG Headline Reports with TMAG members

ACTION TMAG06-03 – DNO representative to provide further feedback to the Programme on any Unmetered Data Services data quality issues

5. Migration Working Group (MWG) update

KG introduced the item as per the slides, providing an overview of discussion at last week's MWG. The Programme now had a full list of ways (principles) migration could be managed. The Programme now planned to score to determine the best approach to migration. KG provided some examples as per the content of the MWG meeting headline report on how some principles and outcomes discussed in the meeting have been amended (such as those related to realisation of benefits or migration-specific costs). KG noted the outcomes of the scoring activity were important for the re-plan. Feedback from the MWG was currently being scored by the Programme with an extraordinary MWG scheduled to discuss the outputs of the analysis.

RC highlighted the importance of the outcome on the 'minimisation of consumer detriment during migration'. This was a significant consumer issue for Ofgem. KG confirmed this was high on the Programme's priorities and had not been referenced so far as it had not been updated through the recent MWG. KG ran through the outcomes on the slides with amendments as discussed in MWG (please see MWG headline report). KG noted some outcomes were more important than others and the outcomes would be weighted at the next MWG meeting. CW queried the number of attendees to MWG. KG responded the MWG is very well attended with 36 participants at the last MWG. CW noted that migration was an important area and so the Programme will continue to bring updates to the TMAG.

NBu queried how far the Programme was away from data sets that need migrating. KG clarified that the MWG is looking at the overall migration approach (e.g. phasing of participants, minimum number at the beginning etc.) and that the data that needs to be migrated will be derived from the data model produced by the design workstream. NBu queried if this is the same data provided to the DIP. KG clarified that test data is being debated by the DWG. NBu queried how the data will be distinguished between gas and electricity data. KG responded that some of this was detailed in the test data strategy which can be shared but reiterated that there is no gas data required for MHHS. The strategy defines at a domain level who the Programme are expected to provide data to. NBu responded that some smart systems are referenced by MPxN. KG suggested a separate conversation to discuss.

ACTION TMAG06-04 – Programme to share the Test Data Strategy with TMAG members

ACTION TMAM06-05 – Kate Goodman and Nicola Bumford to meet to discuss testing scope (e.g. MPXNs) and bring up to speed on progress of TMAG

6. Qualification Working Group (QWG) mobilisation

KG introduced the item as per the slides. KG noted that there are important questions on qualification to answer such as how qualification testing will work and on how Programme Participants will be expected to qualify. These questions will require a lot of interaction with the PAB as PAB are responsible for running qualification. The intention is to start the

QWG in August, with the first session being introductory. CW noted it was important to make PAB aware of and engaged in the group. AA responded that the Programme will make PAB aware of the group being stood up and PAB's role. CW invited questions, none received.

7. Working Group plan

KG provided an overview of the working group plan, including the purpose of the working groups to date and intended working groups to be mobilised in future. KG invited discussion on the separation, responsibilities, and number of working groups. KG noted topics were separated across the current working group proposal to get the right specialist input concentrated in specific groups. KG invited comments. CW noted these are all Level 4 groups and so are open to all.

SV suggested there are a lot of dependencies between groups and their outputs, and that it would be good to highlight/share to prevent groups working in silo. KG responded that this was a good idea and related to an action from one of the groups on a schedule of documents to be created and approved by each group. This schedule for individual groups together with a unified schedule for all groups would show interdependencies. SV asked for expectations of who and what they contribute to the group. KG responded that groups are publicised in a variety of ways (e.g. via TMAG, DAG and the Clock) that includes the requirements of attendees. The Programme aims to have as many attendees as possible. NBR asked if the TMAG could see a collective view of all the working groups across the Programme including in design, as there is overlap of attendees across other workstreams. CW noted the Programme could take this away. MH responded to comments from SV and noted the Non-Functional Working Group (and others) would have a lot of input into the Environments Working Group. KG agreed and responded that the Programme had not started on the Non-functional Working Group yet as this was an output of the design. MH responded that there may be value determining non-functional principles ahead of the design sign off. NBu built on comments from SV that there are a lot of dependencies across the groups on data, and that there needs to be visibility of these. KG reiterated that this is important. CW invited final questions. KG added that there were a lot of groups but that they should have different attendees. CW added that it was important to join up the groups to ensure efficient discussion.

ACTION TMAG06-06 – Programme to develop a schedule of deliverables per TMAG working group, outlining the dependencies between groups

ACTION TMAG06-07 – Programme to share MHHS governance and working group structure

8. Summary and next steps

MC ran through the actions as per the action summary table above. CW highlighted the 20 July meeting would require a different Chair. CW ran through the agenda items for July TMAG, with an additional item on means of injecting data to be added as discussed. MC noted the September TMAG data would be moved due to MHHS Programme training.

CW invited any AOBs. None raised. CW closed the meeting.

Date of next TMAG: 20 July 2022