

MHHS Design Advisory Group (DAG) Headline Report

Issue date: 06/02/2023

Meeting Number **DAG020.1 (Extraordinary)**

Venue **Virtual – MS Teams**

Meeting Date and Time **01 February 2023 1300-1600**

Classification **Public**

Actions

Area	Action Ref	Action	Owner	Due Date
Work-Off Plan Completion	DAG20.1-01	Programme to consider how to increase awareness of the Programme change request process and Design Change Management Procedure for Participants (e.g. webinar, newsletter article, etc.)	Programme (PMO and SI Design Assurance Teams)	08/03/2023
	DAG20.1-02	DNO Representative to issue draft Programme Change Request on registration service operating hours to DAG for comment ahead of Programme Change Board on 06 February 2023	DNO Representative (Gemma Slaney)	ASAP
	DAG20.1-03	Programme to confirm governance requirements and timelines for potential changes to DTN messages and provide update to DAG (e.g. confirm any design elements of changes which may require approval by DAG)	Programme (Ian Smith)	15/02/2023
	DAG20.1-04	Programme to confirm which role code MDS would use (current presumption is SVA code)	Programme (Ian Smith)	15/02/2023
	DAG20.1-05	Programme to confirm whether additional testing is required for new roles agreed as part of the work-off item D-034a	Programme (Testing Team)	15/02/2023
	DAG20.1-06	Programme to confirm whether is Calculation Self-Assessment Document (CSAD) requirements are within scope of Programme code drafting work	Programme (Ian Smith)	15/02/2023
	DAG20.1-07	Elexon to submit complex site metering issue to item to Design Authority via a Design Issue Notification for to enable prioritisation of discussion as part of the Design Change Management Procedure	Elexon (Jonny Moore)	15/02/2023
	DAG20.1-08	Large Supplier Representative to provide further detail on constituency views on work-off item D008 (Complex Site Arrangements) and proposed alternative	Large Supplier Representative (Haz Elouman)	13/02/2023
	DAG20.1-09	Programme to confirm which release not addresses this work-off item D-009 (Rejection of MDR Notification to DCC) and how Programme Participants would be given visibility of the changes to Design Artefacts	Programme (Design Team)	15/02/2023

	DAG20.1-10	Programme to confirm the governance arrangements for approval of the DIP detailed design (e.g. design elements to be approved by DAG and code drafting elements to be approved by CCAG)	Programme (Design Team)	15/02/2023
	DAG20.1-11	Programme to provide guidance on the linking of import/export meters (D-033 – MPAN Linkage (Related & Import/Export)) and consider whether any clarificatory additions to the associate Design Artefact are required	Programme (Simon Harrison)	15/02/2023
	DAG20.1-12	Programme to consider how to provide clarity on the data services for import/export meters and how Programme Participants can be given visibility of this	Programme (Ian Smith)	15/02/2023

Decisions

Area
None

RAID Items Discussed

RAID area	Description
None	

Key Discussion Items

Area	Discussion
CR014 Impact Assessment Decision	<p>The Elexon Representative provided an overview of a new Programme Change Request (CR), highlighting it proposes three changes to the baselined design to amend Load Shaping Service (LSS) items which have been assessed as requiring change owing to costs/time/quality considerations. An overview of the proposed changes is available in the meeting papers, and the Change Request is provided as Attachment 2 of the meeting papers. Questions and comments from DAG members were invited.</p> <p>The Supplier Agent (Independent) Representative noted the CR is very brief, and it took effort to identify where in the Design Artefacts change is proposed. The representative advised one of the areas Elexon proposed changing had been part of the design since early 2022 and was therefore not a new requirement. The representative believed the remaining proposed changes included a reasonable clarificatory change and a reasonable change to totals calculations.</p> <p>The Supplier Agent Representative believed it was accepted a load shape rolling annual total is required and questioned whether the CR should propose a replacement and where this should be developed. The representative did not believe some of the statements in the CR were objectively the proposer's to assert (e.g. there is a benefit to removal of the load shape annual rolling total, etc.).</p> <p>The I&C Supplier Representative noted the potential impacts of the change on industry processes and customers if the data items proposed for removal are removed. The representative believed it may cause issues or panic if further information on the potential impacts is not provided, as there may be challenges for industry assessing impacts to commercial processes.</p> <p>The group discussed what options were available in terms of whether the change is ready to be issued to Impact Assessment (IA). The Programme advised the DAG's role was to determine whether the CR was capable of being issued to IA, and it was at the discretion of the proposer as to whether further information is added to the CR.</p>

	<p>The Ofgem Representative expressed concern the DAG did not have a clear understanding of the Programme Change Control Approach and suggested there was value in a session to educate parties on the process. The group agreed this would be useful, and the potential requirement extended beyond DAG alone. The Programme offered to consider how this could be best achieved (ACTION DAG20.1-02).</p> <p>The proposer agreed to defer the decision on whether the CR is issued to IA to consider whether amendments will be made in accordance with the comments of DAG members.</p>
<p>Work-Off Plan Completion</p>	<p>The Programme provided an overview of the substantial work undertaken to review, discuss, assurance, and complete items within the M5 Work-Off Plan. The DAG were advised that of the 73 work-off items in the plan, 62 had been resolved and had resulted in either changes to the Design Artefacts, clarifications to Programme Participants, or no further action. The Programme advised that of the eleven-remaining work-off items, four require changes to Design Artefacts, two required clarification statements, one required detailed design timelines for the Data Integration Platform (DIP) to be known, one is to be progressed via the Programme’s code drafting workstream, and three required a decision from DAG.</p> <p>The Chair asked the group whether the 62 items which were not challenged at the M5 Design Assurance Forum could be considered complete. No objections were raised, however some members wished to review the items for which further work was required. The Chair confirmed members did not object to the closure of the 62 items, and the decision would be revisited.</p> <p>The group proceed to review the remaining work-off items. A concise summary of discussions and outcomes is provided below:</p> <p>D-013 – Registration Service Operating Hours: The DAG noted this work-off item was agreed in December 2022 as requiring a Programme CR to enable IA by Programme Participants over the preferred solution. The DNO Representative advised this CR had now been submitted to the Programme and was due to be submitted to the Programme Change Board for initial validation on 06 February 2023. Subject to validation, the CR will likely be issued to the DAG for a decision on whether it should be issued to IA. The group asked whether the CR could be shared with DAG members immediately and the DNO Representative took an action to issue the document for comment ahead of the Programme Change Board (ACTION20.1-02). The group did not believe this work-off item could be considered complete until the associated CR has been validated by the Programme Change Board.</p> <p>OUTCOME: Item closed subject to validation of CR0017 by the Programme Change Board.</p> <p>D-012 – E7/E10 Differential Settlement: The DAG noted this work-off item was agreed in December 2022 as requiring a CR to enable IA by Programme Participants. The group were advised CR015 has now been raised and validated by the Programme Change Board. The CR will be issued for IA in the coming days. The group considered this work-off item to be closed now the associated CR has been raised.</p> <p>OUTCOME: Closed given the raising of CR015 and issuance to IA.</p> <p>D-025 – Definition of changes to DTN Messages: The Programme advised the resolution of this work-off item will not require changes to the Design Artefacts. There may be a small number of changes to data items within data flows, which would be progressed externally. Development of the changes will require assessment of scenario variants and the approach to codification. The Programme recommended this item is moved into the code drafting workstream. One attendee questioned the governance of this work-off item if it moves into the code drafting workstream, stating they were not clear where approval of any code changes will occur and that a plan is required. The attendee advised it was critical for Programme Participants to know what changes will occur to DTN flows. The Programme advised any changes to physical flows would need to come to DAG for consideration as a design matter, whereas expressions of routine matrices and any participant actions in relation to flows then this would require discussion under code drafting. The RECCo Representative did not believe these questions were a blocker to closing the work-off item, but clarity is required on how it is managed beyond the Work-Off Plan. The Chair posited this work-off item could be closed subject the Programme confirming the governance of the design related aspect and any related code drafting requirements. The RECCo Representative stated they were comfortable with this but requires plan dates and a timeline. The Chair</p>

asked the MHHS Design Team for an indicative timeframe, to which the response was this item would be prioritised and would be likely due to complete by the end of February 2023 (**ACTION20.1-03**). The Supplier Agent (Independent) Representative advised their constituents had expressed disappointment at the pushing out of timeframes for completion of this item.

OUTCOME: Item closed subject to clarification from the Programme of the governance of potential MHHS design or code drafting requirements, confirmation of any design aspects which may benefit from review/approval by DAG, and provision of a plan/timeline for completion.

D-034a – DTN Role Code: The Programme advised the view of this item had changed from the position published to the assurance forum. New DTN role codes will be required. These were clarified with ElectraLink and published on 31 January 2023. The Elexon Representative questioned that the MDS does not have a DTN role code assigned but will receive a DTN Flow, and asked whether the presumption is the existing SVA role code will be used. The Programme agreed this was the presumption and took an action to confirm (**ACTION DAG20.1-04**).

The Small Supplier Representative noted the addition of new role codes may require additional industry testing, and wished to ensure this is considered as part of the conclusion of this work-off item (**ACTION DAG20.1-05**). The RECCo Representative highlighted a link between this work-off item and item D-025 (above), in that additional roles codes required for different REC Metering Equipment Manager (MEM) activities may require additional testing also, and this has been flagged by REC from a migration perspective.

OUTCOME: Item closed noting the clarifications required on new IDs/role codes and any additional testing requirements.

D-011 / D-050 – LLF Data Definition / Minor Corrections- Interfaces: The Programme advised the steps recommended to close these work-off items involved the publication of clarification statements, and these were issued on 31 January 2023. No change to the baselined Design Artefacts is required. The DAG were asked whether they accepted the clarifications. The Elexon Representative whether changes to the Calculation Self Assessment Document (CSAD) had been covered in the statements. The Programme Design Manager advised the CSAD had been decoupled from this work-off item. The Elexon Representative decoupling concern the changes required to the CSAD may not be picked up in consequential code drafting, as they had not been entered into the CC Log ahead of the deadline. The Large Supplier Representative advised the same concern had been expressed by their constituents. The Programme agreed to confirm whether CSAD had been decoupled and will be picked up as part of code drafting (**ACTION DAG20.1-06**).

OUTCOME: Item closed subject to confirmation of whether CSAD changes will be picked up as part of consequential change code drafting.

D008 – Complex Site Arrangements: The Programme recommended this item be resolved by including a requirement within MHHSP-BRS004 (Supplier Requirements Overview) stating that where a complex site arrangement is cross segment, the Data Service (Smart) (SDS) and the Data Service (Advanced) (ADS) roles must be performed by the same organisation. The Elexon Representative stated it was not clear how the ADS would obtain information from a smart meter and additional design work was required to understand how a split in smart/advanced meters works in a complex site arrangement. The Chair suggested this could be raised as a Design Issue Notification to the Design Authority (DA) and resolved as part of the Design Baseline Change Management Procedure. The Elexon Representative did not believe the design was complete around complex site metering but agreed the work-off item could be closed providing the DA are instructed to prioritise the review/solution of this item (**ACTION20.1-07**).

The Large Supplier Representative advised several comments from their constituents following the design assurance forum expressed the Programme proposal for completion of this work-item was unacceptable. The Programme noted the decision to be made is whether the work-off item can be closed in lieu of the forward action (as described above). The Programme noted the distinction between whether any constituents believe the design does not work or whether there is simply dislike of the recommended resolution. The Large Supplier Representative took an action to obtain further detail on what their constituents found unacceptable and what the proposed alternative is (**ACTION DAG20.1-08**).

The NGESO Representative noted there may be impacts on Electricity Service Operator (ESO) systems as a result of finalising the solution to D008. Potential links to BSC Modifications P441 and P443 were noted. The NGESO Representative consider how the solution to D008 may cause impacts if systems changes must occur later as a result. The representative did not believe this prevent closure of the work-off item and agreed with the Programme Design Team this would require monitoring.

OUTCOME: Item closed subject to the raising of a Design Issues Notification to enable discussion at the DA.

D-009 – Rejection of MDR Notification to DCC: The Programme note the outcome of discussion on this item at the design assurance forum was to incorporate a change into MHHSP-BRS003 (Registration Service Requirements). The Programme noted challenges raised by the Meter Point Registration Service (MPRS) provided was rejected at the assurance forum. The RECCo Representative did not believe the item could be closed until the updated Design Artefact could be reviewed. The representative stated they could not find a reference to the proposed changes in the release notes provided by the Programme. The DCC Representative shared this view, and expressed some nervousness around potential risks which could emanate from the lower-level design. The Chair asked whether participants have had sufficient time to ensure changes to artefacts agreed at the Design Assurance Forum have been reflected in the artefacts. An action was placed with the Programme to confirm which release not addresses this work-off item, and how Programme Participants would be given visibility of the changes to Design Artefacts (**ACTION DAG20.1-09**).

The Programme advised an action placed on the MPRS provider at the design assurance forum (WOA-0095) would potentially proceed via the DA.

OUTCOME: Item ongoing until RECCo and DCC Representatives confirm changes to Design Artefact are accurately reflected.

D-022 – RMP/MPAN Status: The Programme advised the resolution of this work-off item would not require change to Design Artefacts. A high-level timeline for the DIP detailed design was issued with the v2.0 DAG meeting papers. The Chair asked if members were happy to close this item subject to the detailed DIP design timeline being provided by the DIP provider. The RECCo Representative advised they were willing to close the item but requested the Programme confirm the governance arrangements for the DIP detailed design, stating it was not currently clear whether DAG would approve this (**ACTION DAG20.1-10**). The representative advised the interactions which will be described in the detailed DIP design will be critical for Programme Parties in understanding requirements. The Programme advised some elements of the DIP design will be submitted to the DAG for approval.

OUTCOME: Item closed noting the requirements to confirm the governance arrangements for approval of the DIP detailed design.

D-033 – MPAN Linkage (Related & Import/Export): The Programme highlighted the proposed changes to Design Artefacts as detailed in the release notes provided in v2.0 of the meeting papers. The Programme noted the updates to Design Artefacts would provide clarity on ‘many to one’ interfaces and seek to incorporate changes agreed at the design assurance meeting. The Large Supplier Representative believed the processes were unclear and requested further guidance from the Programme on linking import/export meters. The Small Support Representative supported the provision of additional guidance also (**ACTION DAG20.1-11**). Both representatives noted the importance of being able to review the specific changes made to relevant Design Artefacts, noting the changes may not have been developed via an MHHS working group.

The Elexon Representative conveyed an understanding there may also be a requirement for change to Section J of the Balancing and Settlement Code (BSC). This may be a significant change to how import/export meters are managed, and the representative did not believe this had been specifically discussed at a working group. The representative was not averse to the closure of the work-off item but did not believe it was clear the required changes have/or will be made. The Chair summarised that the design is clear there can be separate Data Collectors (DCs) for import and export meter and there will be changes required to BSC documents as a result of the design. The group considered whether this should be more clearly reflected in the design or picked up via code drafting. The Elexon Representative believed this depended on how participants were consuming the design, noting that, as a design-led programme, participants have been advised to initiate design and build activities based on the design, not code drafting. The Large Supplier

	<p>Representative did not agree the item should be closed, believing the process is not clear. The Programme agreed clarity was required on how the design represents different data services for import/export meters, and participants should be given visibility of any changes (ACTION DAG20.1-12).</p> <p>OUTCOME: Item closed subject to the provision of guidance from the Programme on linking import/export meters and the provision of clarity within the Design Artefacts on the different data services.</p> <p>D034b – MPID: The Chair advised a decision was required from DAG over whether four-character Market Participant IDs (MPIDs) should be included in appointment interfaces. The Chair provide three options to members:</p> <ul style="list-style-type: none"> • Option 1 – No change • Option 2 – Addition of MPID to the IF01 interface only • Option 3 – Addition of MPID to all appointment flows <p>A majority of DAG Members favoured Option 3 as it best mitigated risks around the matching of Supplier IDs and DIP IDs. The DNO Representative advised they were in favour of Option 3 but stressed this could not be at the expense of a delay to the release of the interface specifications, as these were critical for the MPRS provider to enable the commencement of build activities.</p> <p>The Programme advised the changes would be made to the interface specifications, but noted a review of any associated validation requirements would also be necessary.</p> <p>OUTCOME: Item closed subject to the addition of MPID to all appointment flows, and provision of visibility to the MPRS provider.</p>
<p>Summary and next steps</p>	<p>The Chair advised the meeting had now timed-out and the decision on completion of the Work-Off Plan would require deferral. The group agreed to review the remaining three work-off items which require further action at the next regular DAG meeting on 08 February 2023. The Chair believed any further potential changes to the baselined design, or anything which may emanate from the 62 work-items for which the Programme’s recommended resolution was not challenged at the design assurance forum, should not be raised via the DA for consideration.</p> <p>Several members queried when the revised Design artefacts would be released. The Programme advised the intention was to release these as soon as possible, and they were currently due to be published no later than 08 February 2023. Members noted the challenges this may cause with reviewing the changes and confirming constituent views. Two members expressed they did not believe the DAG should agree the re-baselining of Design Artefacts they had not seen the change marked version of.</p> <p>The Chair summarised the Programme will issue information on the changes to be made to Design Artefacts as soon as possible and at the next DAG meeting the group would focus on the outstanding work-off items and how any other outstanding matters would progress. One member requested the Programme issue information on what to expect in the coming weeks as soon as possible.</p> <p>The Chair thanked members for their pragmatic contributions and closed the meeting.</p>

Date of next CCIAG: 23 February 2023 10am

Date of next Design Authority: 23 February 2023 2pm

Date of next DAG: 08 February 2023 10am