

MHHS Design Advisory Group (DAG) Minutes and Actions

Issue date: 27/09/2023

Meeting number **DAG028**

Venue **Virtual – MS Teams**

Date and time **13 September 2023 1000-1300**

Classification **Public**

Attendees

Chair

Justin Andrews (Chair)

Role

Chair

Industry Representatives

Carolyn Burns (CBu)

Small Supplier Representative

Daniel Arrowsmith (DA)

National Grid ESO

Neal Medley (NM) (on behalf of David Yeoman)

DNO Representative

Donna Jamieson (DJ)

iDNO Representative

Andrew Green (AG)

I&C Supplier Representative

Haz Elmamoun (HE)

Large Supplier Representative

Robert Langdon (RL)

Supplier Agent Representative

Riccardo Lampini (RLamp)

Elexon Representative

Sarah Jones (SJ)

RECCo Representative

Seth Chapman (SC)

Supplier Agent Representative

Stuart Scott (SS)

DCC Representative (as smart meter central system provider)

Vladimir Black (VB)

Medium Supplier Representative

MHHS

Andrew Margan (AM)

Code Lead

Derek Weaving (DW)

Design Team

Fraser Mathieson (FM)

PMO Governance Lead

Immy Syms (IS) (part meeting)

PMO Change Lead

Matt McKeon (MM)

Design Team

Paul Pettitt (PP)

Design Lead

Robert Topley (RT)

Design Team

Sean Cooper (SC) (part meeting)

Design Team

Other Attendees

Amin Fuggawala (AF) (CR023 only)

British Gas

Colin Bezant (CBe)

IPA

Danielle Walton (DW)

Ofgem

Apologies

Caroline Farquhar

Consumer Representative

New / Outstanding Actions

Area	Ref	Action	Owner	Due
Minutes and Actions	DAG28-01	Programme to provide overview of the Related MPAN Explainer document to the Design Resolution Group (DRG)	Programme (Rob Short)	11/10/2023
CR023 Decision	DAG28-02	Large Supplier Representative to provide to Chair view of whether other Large Suppliers and their agents will use the CR023 solution	Large Supplier Representative (Haz Elmamoun)	11/10/2023
CR024 & CR025 Decision	DAG28-03	Programme to ask FTIG members whether they intend to use the CR023 solution, and whether they will seek to use this bilaterally or via the DIP, to assist in informing implementation timescales	Programme (Fraser Mathieson)	11/10/2023
CR027 Decision	DAG28-04	Programme to raise Design Issue Notifications (DINs) for the implementation of CR024 and CR025	Programme (Berlinda Kugara)	15/09/2023
CR023 Decision	DAG28-05	Programme to consider the potential implications for MDR qualification as part of the detailed design activities (including the approach to DIP onboarding and ISD Management for MDRs using this optional solution) and engage with code bodies as required	Programme (Design Team)	11/10/2023
CR029 Approval for Impact Assessment	DAG28-06	Programme to issue workshop dates for CR023 development for implementation	Programme (Berlinda Kugara)	11/10/2023
CR027 Decision	DAG28-07	Programme to advise what is meant by major and minor releases during SIT and how these affect the approach and timings of Interim Releases	Programme (Testing Team)	11/10/2023
DES-196 D-Flow and Interface Mapping	DAG28-08	Programme to confirm whether CR027 solution will be part of SIT (with a new DIP flow)	Programme (Fraser Mathieson)	11/10/2023
Design (DIN) CR029 Decision	DAG28-09	Programme to review redline changes for CR027 and CR019 to ensure alignment to what was approved in CR	Programme (Design Team)	11/10/2023
	DAG28-10	Programme to confirm whether potential changes by Avanade to account for optionality of LDSO's to receive relevant PUBs, will require a change to design artefacts	Programme (Design Team)	11/10/2023
CR030 Decision Design (DIN)	DAG28-11	Programme to provide worked examples to DAG of compressed payload ECS reports	Programme (Paul Pettitt)	11/10/2023
	DAG28-12	Programme to provide update on the retrospective amendments process issue and raise for discussion at the DRG meeting	Programme (Paul Pettitt)	11/10/2023
DAG Terms of Reference	DAG28-13	Programme to issue change marked DAG Terms of Reference for review/discussion at next meeting	Programme (PMO)	11/10/2023
	DAG28-14	Programme to review and address DAG comments on draft ToR and release updated version to DAG	Chair	11/10/2023
Top Programme Risks related to DAG	DAG28-15	Programme to consider inclusion of related milestones in RAID update slides	Programme (PMO)	11/10/2023
Previous Meeting(s)	DAG27-08	Programme to confirm version incrementing arrangements for data flows and scenario variants changing as a result of MHHS	Programme (Matt McKeon)	13/09/2023

Decisions

Area	Dec Ref	Decision
------	---------	----------

Minutes and Actions	DAG-DEC67	Minutes and Headline Report of DAG meeting held 12 July 2023 approved with no amendments
CR023 Decision	DAG-DEC68	The SRO approved CR023 for implementation
CR027 Decision	DAG-DEC69	The SRO approved CR027 for implementation, subject to the comments provided by DCUSA not being substantial or requiring change to the proposed solution, and provided the Programme resolve any minor comments ahead of release in IR5
CR028 Decision	DAG-DEC70	The SRO approved CR028 for implementation
CR029 Decision	DAG-DEC71	The SRO approved CR029 for implementation, subject to there being no impact on processing times or data alignment
CR030 Decision	DAG-DEC72	The SRO approved CR030 for implementation
CR031 Decision	DAG-DEC73	The SRO approved CR031 for implementation
DES-196 D-Flow and Interface Mapping – Supplementary documents	DAG-DEC74	The SRO approved the ECS Reports to become baselined attachments alongside DES196

Minutes

1. Welcome and Introductions

The Chair welcomed attendees to the meeting and provided an overview of the meeting agenda.

2. Minutes and Actions

The Minutes and Headline Report of the DAG meeting held 09 August 2023 were approved subject to the following clarifications to be recorded within the minutes of the 13 September 2023 DAG meeting:

SJ wished to clarify regarding ACTION 20.1-12 regarding the Related MPAN Explainer document, that this action was closed at the previous meeting on the proviso it would be discussed at a future Design Resolution Group (DRG) but had not yet been raised to the DRG. The Programme agreed the document would be raised at the next appropriate DRG meeting.

SJ also noted the title of Programme Change Request (CR) 023 was incorrect in the minutes of the previous meeting.

It was agreed no amendments would be required to the minutes of the previous meeting, provided SJ comments were recorded in the minutes of the September DAG meeting.

DECISION DAG-DEC61: Minutes and Headline Report of DAG meeting held 09 August 2023 approved with subject to clarifications being recorded in the minutes of the DAG meeting held 13 September 2023

The DAG reviewed the outstanding actions. Full action wording and updates can be found within the meeting papers. Key updates are provided below.

The DAG requested the Related MPAN Explainer document is raised at the next Design Resolution Group (DRG) for discussion per the outcome of ACTION DAG20.1-12, closed at the last DAG.

ACTION DAG28-01: Programme to provide overview of the Related MPAN Explainer document to the Design Resolution Group (DRG)

DAG27-02: With regard to the implementation plan for CR023, the Large Supplier representative took an action to provide a view to the DAG Chair of how many Large Suppliers intend to utilise the CR023 solution as this will inform the implementation timetable. The Programme will also request a view from the Fast Track Implementation Group (FTIG).

ACTION DAG28-02: Large Supplier Representative to provide to Chair view of whether other Large Suppliers and their agents will use the CR023 solution

ACTION DAG28-03: Programme to ask FTIG members whether they intend to use the CR023 solution, and whether they will seek to use this bilaterally or via the DIP, to assist in informing implementation timescales

DAG27-10: The DAG agreed the Programme should notify Code Bodies immediately where it becomes apparent an external code change may be required in relation to a Design Issue Notification (DIN). The Programme have flagged

these thus far, however DAG wish to ensure there is not an expectation Code Bodies will constantly review the DIN Log and a collaborative approach is required. It was agreed the outcome wording for this action will be updated in the meeting minutes to ensure this is clear.

Action outcome:

Action closed.

The Programme were requested to raise a DIN for the implementation of CR024 and CR025, approved at the last DAG meeting.

ACTION DAG28-04: Programme to raise Design Issue Notifications (DINs) for the implementation of CR024 and CR025

3. Upcoming Programme Milestones related to DAG

The Programme advised, regarding the Tier 2 milestone related to transition design (T2-DB-0250), that the milestone is currently tracking as red within the meeting papers. The milestone is forecast to return to green pending the approval of CR031 (Amending Transition Design Milestone Description and Delivery Date), which seeks to amend the delivery date of this milestone to 15 November 2023. CR031 also proposes the description of the milestone is amended to *Tranche 2 Transition Design Baselined* to better align with other milestone terminology. See item 9 below for further information.

4. CR023 Decision

The Programme provided an implementation plan for CR023 (Standardisation of Interfaces within the Smart and Advanced Data Services Roles) per ACTION DAG27-02. Actions were placed to identify how many Suppliers intend to utilise the CR023 solution (see above ACTION DAG28-02).

The Programme confirmed the DIP webhook subscription functionality referenced in the change is optional and interfaces (IFs) 06 and 26 are classified as secondary. The Programme confirmed there will be no impacts on System Integration Testing (SIT), if no participants adopt the CR023 solution.

The Change Raiser advised that, despite there being no impact on SIT (if parties choose not to adopt the CR023 solution), implementation is still required as soon as practicable, because it is needed for the management of non-domestic sites.

The Chair noted the need to develop the solution via workshops, as per the implementation plan, prior to a decision being made on the optimal implementation timeframe.

One attendee clarified the CR related to those undertaking the Meter Data Retrieval (MDR) role becoming DIP users, given this is a new market role. The attendee did not believe consideration of how the solution will operate for those who will be using the DIP during testing had been recognised as part of this CR, and it was necessary to consider how Industry Standing Data (ISD) and DIP onboarding will be managed. The Chair requested the CR is discussed at relevant MHHS working groups (e.g. the Qualification and E2E Sandboxing Working Group (QWG)) to ensure such matters are covered in development, and that an update is provided back to the DAG. Another attendee agreed that despite the optionality in the CR, consideration must be given to regression testing. The Chair agreed this understanding was required to support future decisions on design changes. It was agreed an action should be raised with the Programme to consider the implications of MDR qualification as part of the development of the CR023 solution.

ACTION DAG28-05: Programme to consider the potential implications for MDR qualification as part of the detailed design activities (including the approach to DIP onboarding and ISD Management for MDRs using this optional solution) and engage with code bodies as required

The Chair invited any objections to the approval of CR023, to which none were received. The Chair approved CR023 for implementation and advised the Programme will issue dates for the associate development workshops in due course.

DECISION DAG-DEC68: The SRO approved CR023 for implementation

ACTION DAG28-06: Programme to issue workshop dates for CR023 development for implementation

The Programme took an action to explain what is meant by major and minor release with regard to testing releases, and to seek attendance at DAG by the MHHS Testing Team to support CR decisions from a testing impact perspective.

ACTION DAG28-07: Programme to advise what is meant by major and minor releases during SIT and how these affect the approach and timings of Interim Releases

5. CR027 Decision

The Programme provided an implementation plan for CR027 (Distribution Use of System (DUoS) E-Billing Data Integration Platform (DIP) message for MHHS) per ACTION DAG27-04. The DAG were advised the change will be incorporated into design Interim Release (IR) 5, due for implementation on 04 October 2023. Changes released in IR5 will be deployed in time for testing, and will therefore be in place for SIT Functional in Q1 2024, subject to approval of the CR.

The Programme advised comments had been provided by the Distribution Connection and Use of System Agreement (DCUSA) ahead of DAG expressing a concern the scope of implementation had potentially increased from what was detailed in CR027. The Programme advised the redlined changes issued previously will require change, and the Programme will review the substance of the comments and determine how this may affect development and release of the change. This may impact the implementation of the change in IR5. The Chair stated it would be assumed any potential changes required to the relevant redlined Design Artefact could be actioned in time for release in IR5 unless information could be provided to the contrary. The Programme noted consideration was required of potential DIP impacts, but at this stage there was no information to the contrary, and therefore no current change to the implementation plan provided.

Actions were taken to confirm whether the new DIP flow proposed within CR027 would need to be included in SIT (**ACTION DAG28-08**) and to review the redlined changes for CR027 to ensure they align with the CR.

ACTION DAG28-08: Programme to confirm whether CR027 solution will be part of SIT (with a new DIP flow)

ACTION DAG28-09: Programme to review redline changes for CR027 and CR019 to ensure alignment to what was approved in the CRs

The Chair approved CR027 subject to the comments received not being substantial or requiring change to the proposed solution, and provided the Programme resolve any minor comments ahead of release in IR5. If the comments are determined to be substantial, and/or the implementation plan unworkable, the change will not be implemented in IR5 and will return to DAG for further potential Impact Assessment (IA). It was noted a similar review was also required for CR019 (see ACTION DAG28-09).

DECISION DAG-DEC69: The SRO approved CR027 for implementation, subject to the comments provided by DCUSA not being substantial or requiring change to the proposed solution, and provided the Programme resolve any minor comments ahead of release in IR5

The DAG agreed it would be prudent for a member of the MHHS Testing Team to attend DAG for CRs such as this to field questions (see also ACTION DAG28-07).

6. CR028 Decision

The Programme provided an overview of the IA responses for CR028 (Corrections to EES and SDEP Requirements) and noted there was a high level of support.

Four conditions provided by respondents were highlighted, as per the meeting slides. RECCo, as the Change Raiser, addressed each of the conditions, advising:

- All existing Electricity Enquiry Service (EES) functionally remains
- The Meter Serial Number (MSN) API was not in scope
- EES consumption of CCS flow is not changing
- Search functionally will be retained (no functionality will be removed; the CR seeks enhancements for MHHS)
- Guidance documents will be updated and re-issued in accordance with CR028 solution

The Chair noted the clarifications provided were straightforward and no objections were raised by DAG members. The Programme clarified the CR is clear that Metering Equipment Managers (MEMs), as defined in the Retail Energy Code (REC), can use the Secure Data Exchange Platform (SDEP) if they wish, and as such there is no MHHS design gap.

The Chair invited any objections to the approval of CR028, noting the approval would be based on the clarity provided regarding metering flow changes, the confirmation there is no MHHS design gap created by the CR, that MEMs are not excluded from the use of SDEP, and that no further work is required by the Programme to accommodate the change. No objections were received and the Chair approved CR028.

DECISION DAG-DEC70: The SRO approved CR028 for implementation

The Programme advised CR028 is already covered by DIN-620 and would be scheduled for implementation in IR5.

7. CR029 Decision

The Programme provided an overview of IA responses to CR029 ([Data Integration Platform \(DIP\) Licensed Distribution System Operator \(LDSO\) Interface Processing](#)) per the meeting slides, highlighting supporting and dissenting views.

Concerns were expressed by Supplier and Supplier Agent representatives over whether the CR could affect real time processing, or cause misalignment of data. It was confirmed by the Change Raiser there should be no impact on processing times or data alignment as the change only seeks to make optional the consumption of PUB messages direct to Licences Distribution Service Operators (LDSOs). This will avoid unnecessary testing development effort, as LDSOs will consume the relevant data directly from MPRS. RECCo highlighted that as part of Qualification Testing LDSOs would need to confirm how they are receiving the data.

The Programme advised implementation would be via a DIN and an update to the Interface Catalogue would be required. The Programme would seek to include the change in IR5. RECCo highlighted the wording of the updates must be clear consumption of the relevant PUBs by LDSOs is optional, as code drafting will be based on this.

One member asked whether the DIP Provider may seek to automate the management of the dead letter queue in future and whether this may require any changes to Design Artefacts. The Programme noted this may be considered in future but is not specifically required to enable implementation of CR029.

ACTION DAG28-10: Programme to confirm whether potential changes by Avanade to account for optionality of LDSO's to receive relevant PUBs, will require a change to design artefacts

One member believed the clarification points meant the change should be issued for further IA.

The Chair summarised the implementation approach and timeline and requested any objections to approval. No objections were raised. The Large Supplier Representative believed approval would be on the basis there are no changes to real time processing. The Programme confirmed no changes to the Operational Choreography requirements. The Supplier Agent Representative sought clarity there would be no penalty during testing if the change is not implemented in IR5 and participants do not build a solution for PIT which they know they will not be required for SIT. The Programme confirmed this would be the case and urged any parties with questions or concerns of this nature to seek support via the Programme Design Team (Design@mhhsprogramme.co.uk).

The Chair approved CR029 (**DECISION DAG-DEC71**).

DECISION DAG-DEC71: The SRO approved CR029 for implementation, subject to there being no impact on processing times or data alignment

8. CR030 Decision

The Programme provided an overview of IA responses to CR030 ([Introduction of Compressed Payloads into Data Integration Platform \(DIP\) Messages](#)) per the meeting slides, noting majority support for the change.

It was confirmed the Elexon Central Systems (ECS) reports, which are the subject of the CR, will always be compressed to less than 1MB.

The DAG noted one IA response stated a belief there may be significant costs associated with the change.

The Programme advised implementation would be targeted for IR5 subject to any prioritisation, noting the CR030 updates are not critical. Elexon Helix confirmed they are in dialogue with the Programme on this and there would be no impact if the change is implemented in IR6.

One member request worked examples of the compressed ECS reports be provided to the DAG.

ACTION DAG28-11: Programme to provide worked examples to DAG of compressed payload ECS reports

The Chair invited any objections to approval, noting implementation would be targeted for IR5, with IR6 as a backstop. No objections were raised and the Chair approved CR030.

DECISION DAG-DEC72: The SRO approved CR030 for implementation

9. CR031 Approval for Impact Assessment

The Programme introduced CR031 ([Amending Transition Design Milestone Description and Delivery Date](#)) stating it seeks to change the date of a Tier 2 Programme milestone for the delivery of the Tranche 2 Transition Design. A new delivery date has been scoped and development/consultation will be undertaken via the Migration and Transition Design Subgroup (MTDSG) with the Tranche 2 Transition Design due to be submitted to the November 2023 DAG for approval.

The Programme highlighted no IA is required on the CR and there are no impacts on downstream milestones. One member expressed concern there would be no IA. The Programme noted there would be little value in IA given the CR simply changing a Tier 2 milestone date and it is for the Programme to set a realistic new date.

The Chair invited any objections to approval, to which none were raised. The Chair approved CR031.

DECISION DAG-DEC73: The SRO approved CR031 for implementation

10. [DES-196 D-Flow and Interface Mapping](#)

The Programme provided an update on the consultation on the DES196 (D-Flow and Interface Mapping Document) supplementary documents, issued following the August 2023 DAG. All comments have been addressed and the updated supplementary documents published with the DAG meeting papers. A change to the DES196 will be released in IR5.

The Programme confirmed that any new flow 'D' numbers and names will only be assigned following approval, and as such the current titles are placeholders only.

The Chair invited any objections to baselining the supplementary documents, to which none were received. The Chair approved the DES196 supplementary documents.

DECISION DAG-DEC74: The SRO approved the ECS Reports to become baselined attachments alongside DES196

11. [Design \(DIN\)](#)

The Programme highlighted the objection deadline for IR5 is 20 September 2023.

RECCo advised an action had been raised at the REC Performance Assurance Board (PAB) regarding the retrospective amendments process, and how the error management process will be tested for MHHS. The Programme advised this issue would be taken to the DRG for discussion and an update on timescales provided to RECCo and the DAG.

ACTION DAG28-12: Programme to provide update on the retrospective amendments process issue and raise for discussion at the DRG meeting

12. [DAG Terms of Reference](#)

The Chair provided an overview of the updates to the DAG Terms of Reference (ToR), noting DAG has moved from the role of approving design artefacts to focus on the governance of design changes. The Chair also noted changes to clarify the decision-making process

The DAG ToR had also been updated following feedback from the IPA, which included ensuring the DAG ToR is focussed on decision making and ensuring the right experts are in attendance for those decisions, as well as involving CR Raisers in discussions. It was also recommended that explicit reference is made in the updated ToR to the updated Change Control Approach document and fast track design change process (i.e. the DIN process).

The DAG noted the changed marked ToR had not been issued with the meeting papers and requested it is issued for review and comment ahead of the next DAG meeting.

ACTION DAG28-13: Programme to issue change marked DAG Terms of Reference for review/discussion at next meeting

The Chair invited comments. SJ asked whether the updated DAG ToR is consistent with other Advisory Group ToRs, noting the amendments are 'heavy' on DAG Chair powers and may detract from what the DAG's responsibilities are. The Chair advised the updated ToR attempts to make clearer the DAG's role as an Advisory Group, whose role is to make recommendations to the Programme SRO on decision items.

DA considered DAG may be asked in future to make approval recommendations on CRs which are 'nice to have' but are not critical for MHHS go-live and request this is reflected in the updated ToR.

SC requested the inclusion of a statement alluding to DAG needing to ensure the MHHS Design remains fit for purpose for its operation and that it will deliver the MHHS Target Operating Model (TOM).

HE requested references to the former Design Authority are removed as these are no longer relevant.

RL requested clarity is provided in the ToR regarding situations where consensus is not achieved in decision recommendations, or where the DAG Chair, using delegated authority from the SRO, resolves to go against a DAG recommendation.

ACTION DAG28-14: Programme to review and address DAG comments on draft ToR and release updated version to DAG

13. Top Programme Risks related to DAG

FM note this new standing agenda items aimed at ensuring governance groups such as DAG have more awareness and involvement in the management of risks and issues related to their workstream.

RL requested consideration is given to adding relevant milestones to which each risk relates to.

ACTION DAG28-15: Programme to consider inclusion of related milestones in RAID update slides

14. Programme Updates

FM reminded member the deadline for Readiness Assessment 3 (RA3) responses is 25 September 2023. DAG members were encouraged to prompt their constituents respond, and it was noted this is an obligation in the Balancing and Settlement Code (BSC) for BSC signatories.

15. Summary and Next Steps

The Chair invited any other business, to which two items were raised.

AOB1

RLamp raised a concern regarding the clarity of process around CR023, noting Elexon Helix's position was to reject the CR because of impacts on BSC qualification. RLamp advised Elexon Helix raised clarification questions during the IA stage but did not believe these were resolve. PP advised clarification question such as these would be sent to the Change Raiser in the first instance. PP noted the Programme supports Change Raisers in managing requests for clarification but does not own CR023 and it is for the Change Raiser to decide whether they will engage with commenter or consider amendments to their CRs. The Chair agreed, noting specific questions on CRs should go to the Change Raiser. If there are questions on implementation or document updates, then these should go to Programme. The Chair noted the clarification sought was on qualification and is therefore most properly directed to the Code Bodies. The Programme will always seek to ensure the appropriate routing of requests for clarification, and participants with specific questions are encouraged to also contact the Change Raiser directly using the contact details provided within the CR. SJ stated this was a joint concern with RECCo.

AOB2

SC noted the upcoming DRG discussion on service provider appointments being undertaken by midnight UTC, highlighting agents would like local time sued. SC expressed concern this matter has already been discussed/resolved and yet appears to be returning for discussion and, potentially, consultation with Programme participants. .PP advised the matter keeps arising, and the DRG discussion will be aimed at concluding the matter permanently. The Programme will seek clarity on implications of previous discussion regarding agent appointments and time zone. The Chair considered it may can be prudent for such matter to return to the DRG if it is to clarify and explain. SC believed the matter was relevant to DAG, and that a resolution was reached at DRG two weeks ago but the matter appears to arising again for another resolution. RL did not believe all options have been explored, and analysis was needed before a further recommendation could/should be raised to the DAG.

The Chair thanked the members for their expert input and closed the meeting.

Dates of next meeting:

11 October 2023 10am