

MHHS Design Advisory Group (DAG) Minutes and Actions

Issue date: 18/10/2023

Meeting number	DAG029	Venue	Virtual – MS Teams
Date and time	11 October 2023 1000-1300	Classification	Public

Attendees

Chair	Role
Justin Andrews (Chair)	Chair
Industry Representatives	
Carolyn Burns (CBu)	Small Supplier Representative
Daniel Arrowsmith (DA)	National Grid ESO
David Yeoman (DY)	DNO Representative
Morven Hunter (MHu) (on behalf of Donna Jamieson)	iDNO Representative
Gareth Evans (GE)	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) (part meeting)	DCC Representative (as smart meter central system provider)
Vladimir Black (VB)	Medium Supplier Representative
MHHS	
Andrew Margan (AM) (part meeting)	Code Lead
Berlinda Kugara (BK)	Design Team
Fraser Mathieson (FM)	PMO Governance Lead
Immy Syms (IS) (part meeting)	PMO Change Lead
Lee Cox (LC) (part meeting)	Test Lead
Matt Hall (MH) (part meeting)	Design Team
Paul Pettitt (PP)	Design Lead
Sean Cooper (SC) (part meeting)	Design Team
Other Attendees	
Andrew Dudkowsky (AD) (part meeting)	NGESO
Colin Berry (CBer) (part meeting)	Elexon Helix
Colin Bezant (CBez) (part meeting)	IPA
Danielle Walton (DW)	Ofgem
Taylor Thorpe (TT) (part meeting)	IPA
Apologies	
Caroline Farquhar	Consumer Representative

New / Outstanding Actions

Area	Ref	Action	Owner	Due
CR032 Impact Assessment	DAG29-01	NGESO to amend Programme Change Request 032 (Change to Interface IF-165 P0210 TUoS Reporting) and resubmit to the Programme for issuance to Impact Assessment	NGESO Representative (Daniel Arrowsmith)	13/10/2023
UTC vs Clock Times	DAG29-02	Programme to issue Programme Participant Information Request on UTC vs Clock Time for Change of Supplier Reads and Service Appointment, and return to November DAG with recommendation for decision	Programme (Matt Hall)	08/11/2023
	DAG29-03	Programme to raise UTC vs Clock Time with the Fast Track Implementation Group	Programme (Paul Pettitt)	13/10/2023
Testing Release Strategy	DAG29-04	Programme to consider the provision of regular updates to DAG on the interaction of design/testing releases	Programme (Paul Pettitt & Lee Cox)	08/11/2023
	DAG29-05	Programme to review the Programme Change Request template and ensure a view is provided alongside new CRs on the implementation/release outlook	Programme (PMO)	08/11/2023
DAG Terms of Reference	DAG29-06	Programme to review additional comments on DAG Terms of Reference updates and wider governance structure	Programme (Justin Andrews)	08/11/2023
Top Programme Risks related to DAG	DAG29-07	Programme to provide link to RAID form to DAG members	Programme (PMO)	ASAP
AOB (CR029)	DAG29-08	Programme to review CR029 implementation and confirm it has not expanded the scope of the solution and whether any change or explanation is required	Programme (Paul Pettitt)	08/11/2023
Previous Meeting(s)	DAG28-04	Programme to raise Design Issue Notifications (DINs) for the implementation of CR024 and CR025	Programme (Berlinda Kugara)	08/11/2023
	DAG28-05	Programme to consider the potential implications for MDR onboarding 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)	08/11/2023
	DAG28-12	Programme to provide update on the retrospective amendments process issue and raise for discussion at the DRG meeting	Programme (Paul Pettitt)	08/11/2023
	DAG27-08	Programme to confirm version incrementing arrangements for data flows and scenario variants changing as a result of MHHS	Programme (Matt McKeon)	08/11/2023

Decisions

Area	Dec Ref	Decision
Minutes and Actions	DAG-DEC75	Headline Report and changed marked Minutes of DAG meeting held 13 September 2023 approved
CR032 Impact Assessment	DAG-DEC76	The SRO agreed CR032 (Change to Interface IF-165 P0210 TUoS Reporting) should be issued to Impact Assessment, subject to amendments to be undertaken by the Change Raiser
Updates to the Interface Code of Connections	DAG-DEC77	The SRO approved updates to the Interface Code of Connections for publication as v1.1
Transition Design Updates	DAG-DEC78	The SRO agreed the Tranche 2 Transition Design (Settlement Timetable Transition) artefacts should be issued for consultation

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 Headline Report and change marked Minutes of the DAG meeting held 13 September 2023 were approved.

DECISION DAG-DEC75: Headline Report and changed marked Minutes of DAG meeting held 13 September 2023 approved

Action updates and full wording can be found within the meeting papers. A summary of key updates is provided below:

DAG28-02: Regarding prospective use by Suppliers of the Programme Change Request (CR) 023 (Standardisation of Interfaces within the Smart and Advanced Data Services Roles) solution; the Chair advised one Large Supplier has confirmed they will use the solution and others are assessing whether they will use it. The Chair also stated that a number of I&C Suppliers will use this solution as well. The solution is currently in development with a view to deploying as soon as is practicable. The first development group was scheduled for 09 October 2023. Participants are encouraged to provide feedback and the Programme will schedule a further development group if required. Action closed.

DAG28-03: Regarding prospective use by Suppliers of the CR023 solution; FM advised this had been raised at the Fast Track Implementation Group (FTIG). Several Suppliers advised the solution requires development before they were able to state whether they would use it. The Programme noted the solution development is happening as quickly as is practicable and as such whether Supplier will use the solution or not is no longer a factor in the timelines for deployment. Action closed.

DAG28-04: FM advised Design Issue Notifications (DINs) 685 and 686 had been raised for the implementation of CR024 (Data Item Names and Descriptions) and CR025 (Data Integration Platform (DIP) Interface Name Changes). SJ requested the action remain as ongoing until the CRs are implemented. Action changed to ongoing.

DAG28-05: PP advised the action was ongoing and the Programme Design Team are due to discuss with the Data Integration Platform (DIP) provider. The Chair queried whether there were any dependencies or critical timelines. PP advised development of the CR023 solution is required first and that a resolution was required ahead of the commencement of qualification in late 2024. The action relates to CR023 in that this seeks change to the DIP to allow Meter Data Retrievers (MDRs) to receive messages via the DIP. CBU noted the Qualifications and E2E Sandboxing Working Group (QWG) will seek to discuss MDR onboarding, but believed this action was more relevant to the CR023 development group. The QWG will discuss how the DIP manager will ensure MDRs seeking to use the DIP will be onboarded. The DAG agreed the wording of the action should be amended to replace 'qualification' with 'onboarding'. RLamp expressed support for the action being picked up as part of CR023 development. HE wished to ensure the solution for CR023 is proportionate and not overengineered: PP advised that the design team is considering feedback from the first DRG session and will plan the agenda for a follow up session based on that. -PP advised implementation would be achieved by updates to the Design Artefacts via DIN(s). Action closed and to be picked up as part of CR023 solution development.

DAG28-07: Regarding what is meant by major and minor releases in testing; the Programme provided an overview of the interaction of design releases and testing, per the meeting slides (see agenda item 7). Major and minor releases are defined in the Release Management and Configuration Management Approach. A major release is a release of software that contains significant additions of functionality. A minor release is a release of software which contains minor additions of functionality. Action closed.

DAG28-08: Regarding whether the CR027 (Distribution Use of System (DUoS) E-Billing Data Integration Platform (DIP) message for MHHS) solution would be part of Systems Integration Testing (SIT); PP advised CR027 had been implemented in design Interim Release (IR) 5, and therefore would form part of SIT. Action closed.

DAG28-11: An example compressed ECS payload report (REP002) can be found on SwaggerHub. Action closed.

DAG28-15: Discussed under agenda item 11 below. Action closed.

3. Upcoming Programme Milestones related to DAG

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FM advised the majority of upcoming Programme milestones related to testing. The next key milestone for DAG is the approval of the Tranche 2 Transition Design (see agenda item 7 below).

4. CR032 Impact Assessment

The Change Raiser presented CR032 ([Change to Interface IF-165 P0210 TUoS Reporting](#)) to the DAG. The Change Raiser advised the CR seeks to change the MHHS design to allow NGESO and Elexon to utilise an existing Transmission Network Use of System (TNUoS) report (P0210) rather than the currently proposed MHHS-IF-165 / ELEX-REP-080. The development and testing of the P0210 would be undertaken between NGESO and Elexon, and NGESO are the sole recipient of this file.

The DAG questioned whether the report would be kept within the scope of MHHS SIT testing and whether deriving Measurement Class (MC) was in keeping with the aims of MHHS. CBER advised the methodology for TNUoS currently relies on the MC value, and this is why a method has been developed to derive MC. SJ expressed nervousness that the report is detailed in the MHHS Design Artefacts but is not included in SIT. Additionally, this prompted a question over whether there are other documented requirements not considered to be in scope of SIT.

The DAG requested clarity is added to the CR on what changes to MHHS Design Artefacts may be required and whether the report would be removed from the Elexon Central Systems (ECS) reporting catalogue, or whether the P0210 would be known as REP-080 within the catalogue. The Change Raiser agreed to make amendments to the CR.

ACTION DAG29-01: NGESO to amend Programme Change Request 032 (Change to Interface IF-165 P0210 TUoS Reporting) and resubmit to the Programme for issuance to Impact Assessment

The Chair invited any objections to CR032 being issued to Impact Assessment (IA), subject to the amendments requested, to which none were received. The Chair agreed CR032 should be issued for IA.

DECISION DAG-DEC76: The SRO agreed CR032 (Change to Interface IF-165 P0210 TUoS Reporting) should be issued to Impact Assessment, subject to amendments to be undertaken by the Change Raiser

Next steps: Subject to receipt of the amended CR, the Programme will issue the change for a ten working day IA. The CR will return to the November DAG for a decision on approval.

5. Updates to the Interface Code of Connections

The Programme provided an implementation plan for CR027 (The SRO approved minor updates to the Interface Code of Connections (CoCo) following review by the Security Design Working Group SDWG. The updated CoCo will be published to the MHHS website and Programme Collaboration Base and notice issued in the Programme newsletter, The Clock. The Chair invited any objections to publishing the updated version of the CoCo, to which none were raised.

DECISION DAG-DEC77: The SRO approved updates to the Interface Code of Connections for publication as v1.1

6. UTC vs Clock Times

The DAG discussed the ongoing need to determine whether UTC or local clock time will be used for Change of Supplier (CoS) Reads and Service Appointments. The Programme provided recommendations agreed via the Design Resolution Group (DRG) but highlighted the somewhat limited representation provided by participants at this group.

The DAG noted the levels of representation at the DRG, and considered potential consumer impacts around CoS Reads. There was recognition that the current design lacks clarity on CoS reads and Service Appointment. As such, the DAG resolved to issue a Programme Participant Information Request (PPIR) to consult on the available options and to gather information to support a decision by the DAG (**ACTION DAG29-02**).

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ACTION DAG29-02: Programme to issue Programme Participant Information Request on UTC vs Clock Time for Change of Supplier Reads and Service Appointment, and return to November DAG with recommendation for decision

The DAG also requested the matter is highlighted to the Fast Track Implementation Group (FTIG) in case there are impacts on SIT Functional testing.

ACTION DAG29-03: Programme to raise UTC vs Clock Time with the Fast Track Implementation Group

Next steps: The Programme will assess the responses to the PPIR and provide a recommendation to the November DAG.

7. Transition Design Updates

AM provided an update on the development of the Tranche 2 Transition Design Artefacts (Settlement Timetable Transition) via the Migration and Transition Design Subgroup (MTDSG). AM advised the solution is now stable and requested the associated artefacts are issued for consultation. The Chair invited any objections to the artefacts being issued for consultation, to which none were received. The Char agreed the artefacts should be issued to consultation.

DECISION DAG-DEC78: The SRO agreed the Tranche 2 Transition Design (Settlement Timetable Transition) artefacts should be issued for consultation

Next steps: The artefacts will be issued for a ten working day consultation, with responses due 25 October 2023. A decision on approval will then be requested at the November DAG meeting.

8. Testing Release Strategy

LC, the Programme Test Lead, provided an overview of how design releases will be managed during testing, as per the meeting slides. There will be options for major, minor, ad-hoc, or emergency releases during testing which can be aligned to design IRs and will help to ensure there is a degree of nimbleness during testing to enable changes to be managed whilst testing activities are in flight. An overview of environments and how changes will be deployed into the DIP simulator was provided.

LC confirmed any design change would need to progress through the established Programme controls (i.e. IR or CR), before release into testing. The Programme highlighted that whilst parties will be required to build and test against IR5, there will likely be requirements for urgent design change or 'hot fixes' as testing progresses and defects/issues unearthed.

CBu asked whether participants would be allowed to exit a given SIT phase if low priority defects are outstanding. LC advised a defect threshold will be established upon which stage exit will be based. The Testing Approach and Plan will define this. No severity one or two defects will be allowed, and the Programme will assess participants on a case-by-case basis. Thresholds will depend on factors such as the number of tests provisions in SIT, the number and severity of defects, and any plans documented and agreed on defect resolution. As such, it is possible participants could conclude SIT stages with some open defects, but this will be managed closely by the Programme and dialogue will be required.

The DAG requested a regular view is provided on the interaction of design and testing release. The DAG also requested the Programme review the Programme CR template and ensure a view is provided alongside new CRs on the implementation/release outlook.

ACTION DAG29-04: Programme to consider the provision of regular updates to DAG on the interaction of design/testing releases

ACTION DAG29-05: Programme to review the Programme Change Request template and ensure a view is provided alongside new CRs on the implementation/release outlook

9. Design (DIN)

PP noted the recent IR5 design release, which provided a significant uplift in the clarity of aspects of the MHHS design and supports testing requirements. The implementation of IR5 means the number of open DINs has reduced significantly. The Programme are continuing to assess DINs in terms of whether they are critical for SIT to support the stability of the design during testing.

HE believed the Fast Track Design Change Process (the 'DIN process') was working well and had enabled a large volume of minor change to be agreed and implemented efficiently, but suggested areas for improvement around better signposting of documentation when communicating interim releases and ensuring internal alignment within the Programme so that DINs are not closed where there is active DRG discussion. PP advised HE that "aged" DINs, especially those from early in the year, will get the necessary focus now that IR5 has been implemented. CBU agreed it was impressive the number of DINs resolved via the process and praised the efforts of the Programme on this. CBU noted IR5 was a large release and this had implications for participants in reviewing and incorporating the changes into their design and build activities, but it was recognised the changes were important to support SIT. CBU requested the Programme are cognisant of future changes and DINs required to ensure activities can be incorporated into SIT which would support Qualification testing (QT) and Placing Reliance (PR).

10. DAG Terms of Reference

JA provided an update on the change marked draft of the DAG Terms of Reference (ToR) and invited comments. Several DAG members expressed unease over the way the draft ToR frames the powers of the DAG Chair and DAG members

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and considered this may represent a dilution of the powers of DAG members. The members believed this could impact the ways in which DAG member's views are taken into account and may affect engagement with the DAG. The Chair stated the changes were for clarification only and in accordance with MHHS Programme Governance Framework and the decision-making power of the SRO (as delegated to the DAG Chair).

A suggestion was made that the DAG ToR be clearer on the roles and responsibilities of DAG members versus the DAG Chair. The DAG also sought clarity on how appeals/escalations to the Programme Steering Group (PSG) operate and requested this is included in the ToR.

The Chair and PMO agreed to consider the comments raised and the wider MHHS governance structure.

ACTION DAG29-06: Programme to review additional comments on DAG Terms of Reference updates and wider governance structure

11. [Top Programme Risks related to DAG](#)

With regard to ACTION DAG28-15, FM advised the Programme will seek to link individual risks to Programme milestones where possible, however not all risks directly map to a related milestone.

SC advised of a new potential risk and FM requested this is raised through the established Programme channels.

ACTION DAG29-07: Programme to provide link to RAID form to DAG members

12. [Programme Updates](#)

This item was taken as read.

13. [Summary and Next Steps](#)

The Chair invited any other business, to which one item was raised.

AOB1

RLamp raised a concern regarding CR029 ([Data Integration Platform \(DIP\) Licensed Distribution System Operator \(LDSO\) Interface Processing](#)), advising the implementation of the change in the DES138 Interface Catalogue appeared to have expanded the optionality of certain flows to roles beyond Licences Distribution Service Operators (LDSOs). The Programme agreed to review this.

ACTION DAG29-08: Programme to review CR029 implementation and confirm it has not expanded the scope of the solution and whether any change or explanation is required

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

Date of next meeting:

08 November 2023 10am