MHHS Design Advisory Group (DAG) Headline Report

Issue date: 13/10/2023

Meeting Number	**DAG029**	Venue	**Virtual – MS Teams**
Meeting Date and Time	**11 October 2023 1000-1300**	Classification	**Public**

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 make further updates as required	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 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)	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	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 DAG 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
	DAG-DEC77	The SRO approved updates to the Interface Code of Connections for publication as v1.1
	DAG-DEC78	The DAG agreed the Tranche 2 Transition Design (Settlement Timetable Transition) artefacts should be issued for consultation

Key Discussion Items

Area	Discussion
CR032 Impact Assessment	Programme Change Request (CR) 032 (Change to Interface IF-165 P0210 TUoS Reporting) was presented 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 was in keeping with the aims of MHHS. The DAG also 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**). The DAG agreed CR032 could be issued to Impact Assessment, subject to the amendments requested (**DECISION DAG-DEC76**). 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.
Updates to the Interface Code of Connections	The SRO approved minor updates to the Interface Code of Connections (CoCo) following review by the Security Design Working Group SDWG (**DECISION DAG-DEC77**). The updated CoCo will be published to the MHHS website and Programme Collaboration Base and notice issued in the Programme newsletter, The Clock.
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. 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**). 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**). Next steps: The Programme will assess the responses to the PPIR and provide a recommendation to the November DAG.
Transition Design Updates	The Programme provided an update on the development of the Tranche 2 Transition Design Artefacts (Settlement Timetable) via the Migration and Transition Design Subgroup (MTDSG). The Programme advised the solution is now stable and requested the associated artefacts are issued for consultation. The DAG agreed the artefacts should be issued for consultation (**DECSION DAG-DEC78**). 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.
Testing Release Strategy	The Programme 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 Interim Releases (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. The Programme 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.

	One attendee asked whether participants would be allowed to exit a given SIT phase if low priority defects are outstanding. The Programme 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 (**ACTION DAG29-04**). 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 DAG29-05**).
Design (DIN)	The Programme 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 Design Issue Notifications (DIN) 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. One DAG member 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. Another member agreed it was impressive the number of DINs resolved via the process and praised the efforts of the Programme on this. The attendee 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. The attendee 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).

Date of next DAG: 08 November 2023 10am