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Paper Reference:	**SECP_59_1008_05**
Action:	**For Decision**

Release 2.0 Live Services Criteria Feedback

1. Purpose

This paper updates the Panel on the discussions, feedback and resulting actions taken with the expanded set of Release 2.0 Live Service Criteria (LSC) and supporting evidence list that was provided to the Panel on 13th July 2018, and subsequently shared with the Testing Advisory Group (TAG) and Operations Group for review and feedback.

2. Sub- Committee considerations of the Release 2.0 LSC

2.1 Operations Group considerations

The Operations Group focused on three of the five LSC that are not directly related to test phase completion. The three criteria being:

- **LSC 1** - New enrolment and communication services ready
- **LSC 2** - New Service Management Capability Ready
- **LSC 5** - Pre-Existing Services remain stable

Criteria	Operations Group Comments/ feedback	DCC response/ action taken
LSC1	What plans are in place for a rollback of Release 2.0 deployment if something happens during/prior to cut over for Release 2.0?	All Service Providers take backups at the point the DCC system closes (i.e. when traffic has stopped going through the system). These backups form the rollback point should the upgrade need to be abandoned and the previous release reinstated.
LSC1	If something happens with the Release 2.0 deployment mid cut over and therefore past the point of no return, can the Disaster Recovery site manage?	No, not normally as some Disaster Recovery sites are updated as part of the upgrade process, although there are exceptions with some of the Service Provider solutions. The only safe option in this case is to revert back to the pre-upgrade backups highlighted in LCS1 response above.

Criteria	Operations Group Comments/ feedback	DCC response/ action taken
LSC2	Is there any assurance that all DCC staff have been trained in readiness for R2.0 live (i.e. service desk)?	Yes, this is part of the R2.0 Operational and Business Acceptance Testing (OAT and BAT).
LSC5	Has the Disaster Recovery site been upgraded/planned to be upgraded?	The Disaster Recovery sites will be upgraded as part of the release upgrade process. In some cases (e.g. the DSP systems) the Disaster Recovery site is upgraded as part of the uplift, for other Service Providers this will be part of the post uplift activity. DCC statements of assurance will be provided around Disaster Recovery provision in LSC5.
LSC5	What plans does DCC have for production monitoring post Release 2.0 live?	A period of heightened support is planned post Go Live as Release 2.0 is settled into production systems. Further to this, customers can receive extended support in adopting Release 2.0 post go-live.
n/a	Concerns that current open service issues/defects from Release 1.x will be carried forward into and beyond Release 2.0 live without resolution.	Release 2.0 will include all up to date maintenance changes to fix issues. Any outstanding issues will continue to be fixed via the normal maintenance route.

2.2 TAG considerations

The TAG focused on the expanded criteria and supporting evidence list associated with the two, of the five criteria, that are directly related to test phase completion. The two criteria being:

- **LSC 3** - Regression Testing against R2.0 has completed successfully
- **LSC 4** - Testing of new R2.0 functions have completed successfully

Criteria	TAG Comments/ feedback	DCC response/action taken
LSC4	Clarification needed that evidence confirms that content unchanged by the Release will still operate as expected.	Regression testing will be executed as planned and will be accepted or not by operation to ensure no degradation of service (through the Operation Acceptance Board). This will be covered under LSC3 on regression testing.
LSC4	Clarification required on where and how TTO and OCT testing is captured and reported on.	OCT, NFR, BAT will all feed into the Operation Acceptance Board as part of our TTO plan. This is part of the evidence in the LSC Submission.
LSC1 and LSC 4	Clarification required on what device types and which SMETS versions are covered by the SIT and DIT exit reports.	Release 2.0 SIT use emulators (rather than real devices) for ESME, GSME, IHD, PPMID and HCALCS. This tested new functionality at SMETS2v3 and regression test of SMETS2v2. Release 2.0 DIT tested with real devices. ESME, GSME, IHD and PPMID were tested at SMETS2v2. DCC have a dependency on industry to provide sub GHz devices including

		meters, IHDs and PPMIDs in order for DCC to complete SMETS2v3 DIT. The delay in availability of these devices has delayed DIT. The LSC submission will provide a status update on SMETS2v3 DIT.

3. Next Steps

Subject to the Panel agreeing the expanded Release 2.0 LSC and supporting evidence list, the criteria will be utilised when commencing and undertaking the Release 2.0 Go-Live governance activities.

As previously agreed additional TAG and Operations Group meetings have been scheduled for 12th September, where the views and recommendations of both Sub-Committees will be obtained to inform the Panel's subsequent recommendation to the Secretary of State following the 20th September 2018 meeting.

To aid the Panel considerations of the Release 2.0 LSC submission at the additional Panel meeting on 20th September 2018:

- a draft of the LSC submission, where information is available, will be provided at the 10th August Panel meeting to show the early activities in pulling the information together and to provide an indication of final structure; and
- an overview of the LSC submission evidence and associated documentation (without the associated TAG and Operations Group views and recommendations) will be provided by the DCC at the scheduled Panel meeting on 14th September 2018.

This will then enable the 20th September 2018 meeting to be focused on the Sub-Committee views, recommendations and updates on any observations of concerns raised by the Panel and/or Sub-Committees.

4. Recommendations

The Panel is requested to:

- **CONSIDER** whether any additional actions are required in support of the DCC LSC submission, beyond those noted in Tables 1 and 2 above; and
- **AGREE** the expanded Release 2.0 LSC and supporting evidence list for use in the forthcoming Release 2.0 Go-Live governance activities.

David Barber and Tim Newton

SECAS Team

3rd August 2018

Attachments:

Appendix A –Release 2.0 expanded LSC and supporting evidence lists