Data Communications Company

Release 2.0 Go Live Governance

Paper for Information

Date:	**6 July 2018**
Classification:	**DCC Public**

Background

In accordance with DCC's delivery plan for Release 2.0 (R2.0), DCC will be deploying R2.0 into the production environment on 30 September 2018. BEIS, on behalf of the Secretary of State, will issue DCC with a formal request for information, pursuant to Condition 29 of the Smart Meter Communication Licence, on the Live Service Criteria assurance for R2.0. The request will set out the main criteria against which DCC needs to provide assurance statements regarding both the technical and the operational readiness of DCC, prior to the deployment of the R2.0 code into the production environment.

The SEC Panel has been requested to provide a recommendation based on DCC's R2.0 Live Services Criteria submission to help inform the Secretary of State's decision on whether R2.0 should go live.

DCC have been working with BEIS on the governance and assurance process that DCC will follow before DCC is given approval to go live with the R2.0 code. A paper was bought to the May 2018 SEC Panel for information, which summarised the initial draft of the high level Live Service Criteria required for R2.0 go live. This paper provides further detail on the assurance criteria for go live.

Live Service Criteria

R2.0 Live Service Criteria (LSC) have been developed with BEIS to enable DCC to provide statements and measurement regarding R2.0 readiness. Appendix A provides detail on the Live Service Criteria and sub-criteria for R2.0 against which DCC will provide individual assurance statements, confirming that each has been satisfied (and DCC's rationale for why it considers each of the criteria to have been satisfied) in all the Regions.

For criteria LSC1-LSC4 on testing and operational testing, details will include:

- what tests were planned;
- what was executed, any difference and the reasons why;
- outcome of the tests;
- any open defects;
- where applicable, details of work-off plans and workarounds and the impact on Users; and
- any residual risk and a recommendation based on that residual risk.

For criterion LSC5 on the stability of pre-existing services, the assurance statement will be provided against all of the DCC applications (e.g. SSI, Gateway, Order Management System).

These details will be supplemented by the supporting evidence which is listed in the table in Appendix A.

Recommendation

The Panel is requested to:

- **NOTE** the draft Live Service Criteria for R2.0 Go Live. DCC welcomes views from the Panel on the draft Live Service Criteria for R2.0.

Appendix A – Live Service Criteria

LSC 1 - New enrolment and communication services ready	
DCC will ensure that additional R2.0 Enrolment and Communication Service capabilities are in line with SEC obligations and ready for Live as specified in the SEC and relevant Subsidiary Documents (GBCSv2.0/ SMETSv3.0 and CHTSv2.0 sections A, F, J, K)	
Sub-criteria	**Evidenced by**
1a) DCC ready to make the User Interface available in accordance with the SEC and associated Subsidiary documents	- Combined SIT Exit Report (SMETS2v2) - Combined DIT Exit Report (SMETS2v2) - SIT Auditor Report North - SIT Auditor Report South/Central - UIT Stage Completion Report North - UIT Stage Completion Report South/Central - Operational Acceptance Board Approval for R2.0 Code - Operational Acceptance Board Approval for R2.0 SBCH - Operational Acceptance Management Summary - Operational Acceptance Evidence Pack
1b) DCC is capable of sending, receiving and processing messages to and from Users and Devices as scoped for Release 2 and in accordance with the SEC	
1c) Smart Metering Inventory is available and ready for use in accordance with the SEC and the Inventory Enrolment and Withdrawal Procedures. DCC is able to carry out its Post Commissioning Obligations relevant to Release 2	
1d) DCC Inventory and update functionality available in line with the SEC	

	- Operational Acceptance Board Approval for R2.0 Code - Operational Acceptance Board Approval for R2.0 SBCH - Operational Acceptance Management Summary - Operational Acceptance Evidence Pack
LSC 2 - New Service Management Capability Ready	
DCC will ensure that Service Desk capabilities are in line with Section H of the SEC and associated Subsidiary Documents, and supporting processes and procedures are ready to support live operations. DCC will be able to provide reporting on service performance measures in accordance with the provisions in Section H13 of the SEC.	
Sub-criteria	**Evidenced by**
2a) DCC is able to run the Incident and Problem Management process in accordance with the rules set out in the SEC, including in the Incident Management Policy	- Operational Acceptance Board Approval for R2.0 Code - Operational Acceptance Board Approval for R2.0 SBCH - Operational Acceptance Management Summary - Operational Acceptance Evidence Pack

LSC 3 - Regression Testing against R2.0 has completed successfully	
DCC will review and assure the outputs of each area of regression testing which supports Release 2.0 and provide evidence in order to proceed with the deployment of R2.0 code into the production environment	
Sub-criteria	**Evidenced by**
3a) Scenarios for DUIS1.0 CH 1.3 For SMETS2v2 meters tested and 100% pass rate	- SIT SBCH North Exit Report - SIT SBCH South/Central Exit Report - DIT SBCH North Exit Report - DIT SBCH South/Central Exit Report - SIT SBCH North TAB Report - SIT SBCH South/Central TAB Report - DIT SBCH North TAB Report - DIT SBCH South/Central TAB Report - Combined SIT Exit Report (SMETS2v2) - Combined DIT Exit Report (SMETS2v2) - SIT Auditor Report North - SIT Auditor Report South/Central
3b) Scenarios for DUIS1.0 CH 2.0 (CH upgrade) For SMETS2v2 meters tested	
3c) End of cycle regression tested for all functional defect fixes applied in the test stage	
3d) Evidence of test results and assurance results held in Systems Integrator (SI) Application Lifecycle Management (ALM) for test stage	
3e) DCC TAB recommendation report for summary of test results and assurance	

	- Operational Acceptance Board Approval for R2.0 Code - Operational Acceptance Board Approval for R2.0 SBCH - Operational Acceptance Management Summary - Operational Acceptance Evidence Pack
LSC 4 - Testing of new R2.0 functions have completed successfully	
DCC will review and assure the outputs of each area of testing activity which supports Release 2.0 and provide evidence in order to proceed with the deployment of R2.0 code into the production environment.	
Sub-criteria	**Evidenced by**
4a) New SR's tested and for agreed test condition combinations	- SIT SBCH North Exit Report - SIT SBCH South/Central Exit Report - DIT SBCH North Exit Report - DIT SBCH South/Central Exit Report
4b) Amended SR's tested for agreed test condition combinations	
4c) End of cycle regression tested for all functional defect fixes applied in the test stage	

4d) Evidence of test results and assurance results held in SI ALM for test stage	- SIT SBCH North TAB Report - SIT SBCH South/Central TAB Report
4e) DCC TAB recommendation report for summary of test results and assurance	- DIT SBCH North TAB Report - DIT SBCH South/Central TAB Report - Combined SIT Exit Report (SMETS2v2) - Combined DIT Exit Report (SMETS2v2) - SIT Auditor Report North - SIT Auditor Report South/Central - Operational Acceptance Board Approval for R2.0 Code - Operational Acceptance Board Approval for R2.0 SBCH - Operational Acceptance Management Summary - Operational Acceptance Evidence Pack

LSC 5 - Pre-Existing Services remain stable	
DCC will confirm that DCC Services that have gone live before R2.0 Live are performing as expected in line with SEC requirements and there are no material concerns which may impact the Services that are to be made live.	
Sub-criteria	**Evidenced by**
Ensure no Priority Incidents - P0, P1 or P2's are running. Evidenced as part of the TTO governance, OAB and a statement from the Operations Directors and Chief Operations Officer. Note this statement will be checked on a regular basis prior to the final go/no go call.	- Operational Acceptance Board Approval for R2.0 Code - Operational Acceptance Board Approval for R2.0 SBCH - Operational Acceptance Management Summary - Operational Acceptance Evidence Pack