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Paper Reference:	SECP_77_1402_16
Action:	For Decision

June 2020 SEC Release update

1. Purpose

The DCC has provided further information on the testing approach it plans to follow for the June 2020 SEC Release and the estimated costs for the release. The Panel is invited to note the updates and approve the DCC to proceed with an Impact Assessment to obtain the full costs.

2. Testing approach

There are two DCC System impacting Modification Proposals in scope of the June 2020 SEC Release:

- [SECMP0053 'Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes'](#)
- [SECMP0062 'Northbound Application Traffic Management - Alert Storm Protection'](#) part 1

The DCC has identified one further DCC Change Request (CR) that can be implemented alongside the June 2020 SEC Release:

- CR1088 'Production Proving', which will allow the DCC to send Service Requests to Devices in the Production Environment.

The code for SECMP0053 has already been built and only requires a configuration change. The changes for SECMP0062 part 1 have also been built. CR1088 only requires a Data Service Provider (DSP) change.

Given this scope and level of development already completed, the DCC has identified that these could be delivered using the A-Stream test environments only (i.e. not testing in SIT-B and UIT-B). This would provide the most cost-effective opportunity for delivery (see below for a comparison of costs). This delivery method is labelled as a 'Minor Release'.

Given the size and development context of the changes in scope for this release, the DCC believes testing could be appropriately adjusted to:

- Systems Integration Testing (SIT) being limited to 2 weeks; and
- User Integration Testing (UIT) being limited to 1 week.

Furthermore, to make use of this value-for-money opportunity, appropriate test governance would be required.

The DCC is now preparing the Testing Approach Document (TAD) and is in discussion with the Testing Advisory Group (TAG) on this. We are expecting the TAD to be ready to be presented to the Panel at the March 2020 meeting.

3. Release costs

The DCC has completed a Preliminary Assessment on the combined scope of the SEC Release. The rough order of magnitude costs to implement this release as a Minor Release are shown below:

Stage	Estimated cost
Design, Build and Pre-Integration Testing (PIT)	£54,577
SIT, UIT and Implement to Live	£389,000
Contingency (25%)	£127,365
Total	£570,942

For comparison, the DCC assessed the cost for two other options for delivering this release:

- Combining the changes with the Middle Operating Capability (MOC) changes: £1,070,942
- Implementing the changes as a standard SEC Release: £1,214,694

The DCC will now need to complete an Impact Assessment to obtain the firm costs. This will cost £65,881. The Panel is asked to approve this cost.

Following completion of the full Impact Assessment, the firm costs will be provided at the March 2020 Panel meeting. The contingency figure will be reviewed as part of the Impact Assessment and may be reduced.

4. Next steps

The TAD, and the firm DCC costs for the release, will be presented to the Panel in March 2020. We will update the Release Implementation Document (RID) ahead of that meeting to include this information and will present this to the Panel at the same time.

5. Recommendations

The Panel is requested to:

- APPROVE** the cost for the DCC to complete the Impact Assessment for this SEC Release.

David Kemp

SECAS Team

7 February 2020