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Paper Reference:	**TABASC_27_1502_14**
Action:	**For Information**

Release 2.0 Business Architecture Document Project Update – January 2018

1. Purpose

This monthly update covers the activities undertaken in January 2018 in support of the Release 2.0 Business Architecture Document (BAD) update project. The report includes an update on resource use and expenditure to date.

A high-level dashboard is included in Section 2 of this paper, setting out project status and high-level risks. In addition, a development tracker is provided as Appendix A of this paper for further reference.

2. Dashboard

2.1 Project Status

Delivery Area	Commentary	Status
Business Architecture Document (BAD)	The development of the BAD to date continues to be delivered to time and budget, with the focus of work in January 2018 being the drafting of the necessary changes to the BAD in light of Release 2.0 changes. Therefore, the status is Green for overall project out-turn.	**GREEN**
Business Architecture Model (BAM)	The changes to the model will be informed and driven by the draft changes to the BAD. Now the majority of the BAD drafting is complete the model updates will be drafted in February 2018.	**GREEN**

Table 1 – Release 2.0 Business Architecture Document Updates Project Status

2.2 High Level Project Risks

Risk ref.	Risk Description	Likelihood (1-5)	Impact (1-5)	Severity	Mitigation *(Planned actions in italics)*	RAG Status
1	The resource estimate and therefore project cost is an underestimate/overestimate and therefore impacting on the project budget	2	4	**8**	• A resource schedule will be put in place based on the project plan. • Monthly reporting in place to the TABASC on effort and associated costs.	**GREEN**
2	The required expertise to undertake the initial review of the document through the TBEC is not available or do not have the required expertise impacting on the quality of the document	2	3	**6**	• The industry representatives available through the TBEC will be supplemented by seeking input from the transitional 868 Sub-Group to the Technical and Business Design Group (TBDG) and SEC Parties and other interested parties.	**GREEN**
3	The BAD and BAM requires additional material change following the addition of further changes to the Release 2.0 scope, requiring further effort and resource resulting in an impact on the budget	2	4	**8**	• If additional changes are added to the scope of Release 2.0, the impact of the changes will be assessed, and the details of the impact and resource requirements will be provided to the TABASC. • Regular internal monitoring with escalation route to the TABASC Chair, if required.	**GREEN**
4	The BAD and BAM requires additional material change following industry review requiring further effort and resource resulting in an impact on the budget	2	4	**8**	• Monthly reporting in place to the TABASC on effort and associated costs. • Regular internal monitoring with escalation route to the TABASC Chair, if required.	**GREEN**
5	Industry feedback on the content of the document and model requires a period of amendment following the industry review stage of the project	2	3	**6**	• Monthly reporting in place to the TABASC setting out activities and project status to date. Any risks are monitored through this mechanism with an escalation route between meetings to the TABASC Chair.	**GREEN**

Table 2 – High Level Business Architecture Project Risks

3. January 2018 Update

3.1 Key Activities

The following section gives an overview of the activities undertaken in January 2018:

BAD Development

The drafting of the Release 2.0 changes to the BAD (where impacted) have been completed (see Appendix A for further details on what Release 2.0 Issue Resolution Proposals (IRPs) have prompted changes to the BAD).

Overall, the amount of changes as it stands have been slightly less than expected. This is subject to no major issues being unearthed during the internal review of the draft updates.

Casewise and BAM Development

Now that the drafting of the changes to the BAD is complete, the necessary changes and additions to the model can be prepared, with this activity taking place in February 2018.

Additional non-Release 2.0 changes

During the drafting of the Release 2.0 updates to the BAD a few changes have been identified, that while unrelated to Release 2.0 have been actioned to ensure that the document remains aligned with the SEC content.

The main example of this is that it appears that the commands used for the configuration of HAN Connected Auxiliary Load Control Switches (HCALCS) are the opposite way around in the BAD. To resolve this, some additional minor editing to the BAD has been needed to establish the correct order. This additional change will be internally reviewed in February 2018. This discrepancy in the BAD was trigged by a meter manufacturer query relating to HCALCS configurations processes.

When the draft version of the BAD is circulated for review these additional changes will be highlighted so that the TABASC, the Technical and Business Expert Community (TBEC) and other interested parties can differentiate the drivers of the changes.

Activities for February 2018

Following the initial drafting in January 2018, the activities in February 2018 will focus on internal reviews of the draft changes and preparing the draft BAD for review by the TABASC, the TBEC and other interested parties (including SEC Parties and those involved in transitional groups). As noted above, the preparation of the changes to the model to reflect the Release 2.0 changes will also be actioned in February 2018.

3.2 Costs

Table 3 outlines the actual days' effort for January 2018 against the budgeted amounts. Amounts have been rounded to protect the commercial nature of the information, which is monitored by the SECCo Board on a monthly and quarterly basis in relation to work-packages. Expenditure to date is £13,650 against a total project budget of £62,000.

	Resource	Anticipated Days Effort – Full Year	Year to Date – Effort	Anticipated Days Effort – Month	Actual Days Effort
BAD changes	SECAS CoE	35	9	11	6
	SECAS Core	30.5	3	2	2
	Total	**65.5**	**12**	**13**	**8**

Table 3 – Actual Effort Against Budget

4. Enhanced Progress Tracker

Following discussions, at the January 2018 TABASC meeting, the progress tracker (in Appendix A) has been enhanced to give a greater level of detail on the progress to date with the development of the changes to the BAD and model to reflect the Release 2.0 content. It also had been expanded to include details of planned activities for the month ahead.

5. Recommendations

The TABASC is requested to **NOTE** the contents of this paper.

David Barber

SECAS Team

8th February 2018

Appendix A – Progress made with the Areas that require amendment for Release 2.0

Change Reference	Title	Impacted BAD sections	Additional comments on the changes required	Review date	BAD update – current status	BAD Update – Next steps	Model update status	Model Update – Next steps
CRP411	RMS voltage counters - Optional reset	7.3.1.6.3 Configure Device; Table 6. Non-Critical Configuration Service Requests; SR 6.5 UpdateDeviceConfiguration(Voltage)	Introduction of new GBCS commands to set RMS voltage thresholds and measurement counters; resetting voltage counters. Use cases ECS29c, d, e, f need adding.	March 2018	**Drafting complete** The changes to the BAD have been drafted during January 2018	**Internal review** – In February the changes will be internally review in advance of the BAD being issued for external review in March 2018	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on prepared BAD changes
CRP412	Events and alerts (consolidated) PART 2	CHANGE 3: 7.3.1.6.3 Configure Device; Table 6. Non-Critical Configuration Service Requests; SRV 6.22 ConfigureAlertBehaviour Use cases ECS25a1, ECS25a2, ECS25a3, ECS25b3 need adding; Device pre-configuration needs adding Possibly addition of new section with regards to audible alarms and HAN only alerts	List with new alerts; the DUIS part is in a different IRP/CRP.	March 2018	**Drafting complete** The changes to the BAD have been drafted during January 2018	**Internal review** – In February the changes will be internally review in advance of the BAD being issued for external	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on prepared

Change Reference	Title	Impacted BAD sections	Additional comments on the changes required	Review date	BAD update – current status	BAD Update – Next steps	Model update status	Model Update – Next steps
		7.5.4.6.4 Disable Supply Device Alerts Add newly mandated tamper alert 0x81BE and 0x81BF				review in March 2018		BAD changes
CRP425	Additional GBCS alerts to align to SMETS	7.3.2.5.3 Prepayment Alerts; Add scenario description for the new Alert Code 7.5.4.6.4 Disable Supply Device Alerts; Add scenario description for the new Alert Code	New alert code needs adding to BAD.	March 2018	**Drafting complete** The changes to the BAD have been drafted during January 2018	**Internal review** – In February the changes will be internally review in advance of the BAD being issued for external review in March 2018	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on prepared BAD changes
CRP428	Tunnelling cluster flow control for ESME Commands	7.8.4.4.1 Non-Critical Service Request Processing; add the case of a command not being delivered to the ESME and the new alert generated 0x8F84 7.8.4.4.2 Critical Service Request Processing; add the case of a command not being delivered to the ESME and the new alert generated 0x8F84	New alert should be included in BAD.	March 2018	**Drafting complete** The changes to the BAD have been drafted during	**Internal review** – In February the changes will be internally review in advance of the BAD being	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on

Change Reference	Title	Impacted BAD sections	Additional comments on the changes required	Review date	BAD update – current status	BAD Update – Next steps	Model update status	Model Update – Next steps
					January 2018	issued for external review in March 2018		prepared BAD changes
IRP464	ECS26i access in mapping table vs TACs in CHF	7.4.1.6.2 Read (Device);Table 8. Read (Device) Service Request; 6.2.4 Read Device Configuration (Identity Exc MPxN) Split table and move ECS26i into single entry; correct the remote parties allowed to send the SR	BAD Table 8. Read (Device) Service Request has a generic section for SR 6.2. ECS26i can only be sent by the ACB, consideration on whether to include this in the BAD. Length of manufacturer and model in the DLMS/Cosem sheet needs amending to match with the formats used for the CPL.	March 2018	**Drafting complete** The changes to the BAD have been drafted during January 2018	**Internal review** – In February the changes will be internally review in advance of the BAD being issued for external review in March 2018	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on prepared BAD changes
IRP472	Clarify SMETS debt when collected	7.3.2.5.6 Update Debt Clarify debt collection process	Possible changes to BAD based on the	March 2018	**Drafting complete**	**Internal review** – In February	**Not started** - as at end	**Drafting -**

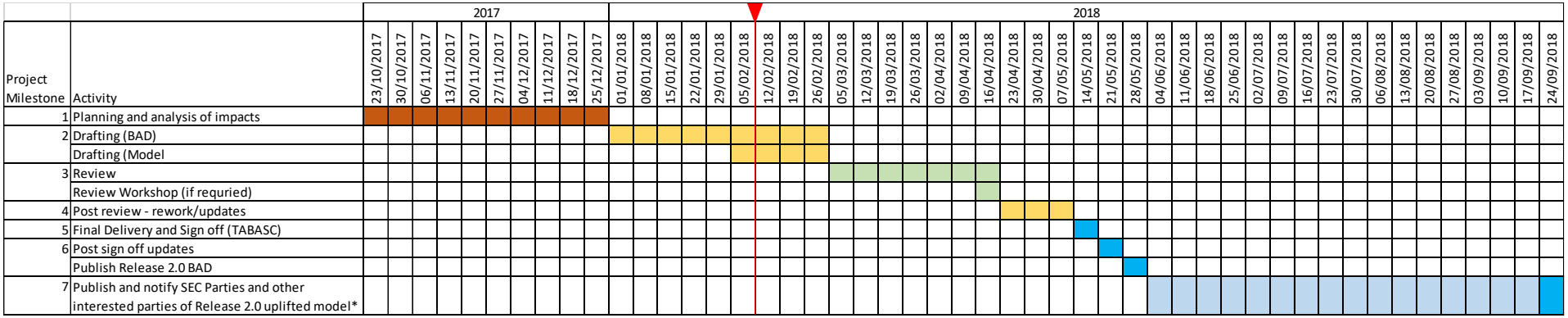
Change Reference	Title	Impacted BAD sections	Additional comments on the changes required	Review date	BAD update – current status	BAD Update – Next steps	Model update status	Model Update – Next steps
	amount GT debt register		new wording regarding the debt management.		The changes to the BAD have been drafted during January 2018	the changes will be internally review in advance of the BAD being issued for external review in March 2018	of January 2018	Change to be drafted in February 2018 based on prepared BAD changes
CRP473	Setting Randomised Offset Limit at Manufacture	7.3.1.6.3 Configure Device; Table 7. Critical configuration Service Requests; 7.12 SetRandomisedOffsetLimit; Footnote 13 Change footnote to reflect that that the default is 600s 7.2.1.5 Prerequisites; "...ensure that Devices are configured as requested by the Network..." reflect that there are GBCS mandated defaults which are not manufacturer specific (GBCS annex 7)	Add the default configured value in BAD; possibly adjust SMDA to take default value into consideration.	March 2018	**Drafting complete** The changes to the BAD have been drafted during January 2018	**Internal review** – In February the changes will be internally review in advance of the BAD being issued for external review in March 2018	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on prepared BAD changes
IRP513	Manufacturer and Model Values in	Update to Table 8 - 7.4.1.6.2	New Use Cases ECS26n (CHF)	March 2018	**Drafting complete**	**Internal review** – In February the	**Not started** - as at end of	**Drafting -**

Change Reference	Title	Impacted BAD sections	Additional comments on the changes required	Review date	BAD update – current status	BAD Update – Next steps	Model update status	Model Update – Next steps
	Remote Party Responses		ECS26m (ESME) GCS21m (GSME)		The changes to the BAD have been drafted during January 2018	changes will be internally review in advance of the BAD being issued for external review in March 2018	January 2018	Change to be drafted in February 2018 based on prepared BAD changes
CRP427	868 related changes to SMETS, CHTS and GBCS	Section 7.2 install and commission Section 7.4 Read Section 7.6 decommission and replace Section 7.9 Manage service Appendix A glossary	Multiple impacts ZSE profile + ZigBee specification revisions updated. CH to support Dual Band 11 new CH use cases (5 cmds, 6 Alerts) GSME, IHD, PPMID + CAD to allow sub-GHz or 2.4 (Duty cycle)	March 2018	**Drafting complete** The changes to the BAD have been drafted during January 2018	**Internal review** – In February the changes will be internally review in advance of the BAD being issued for external review in March 2018	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on prepared BAD changes

Change Reference	Title	Impacted BAD sections	Additional comments on the changes required	Review date	BAD update – current status	BAD Update – Next steps	Model update status	Model Update – Next steps
			new functional requirements for all devices, additional new requirements for GSME Updates to the SEC					
CRP518	Revision to Quarterly Billing Calendar resolution	Section 7.3 Configure device Section 7.4. Read	New use cases ECS48 ECS26l ECS30a GCS21k GS25a GCS25	March 2018	**Drafting complete** The changes to the BAD have been drafted during January 2018	**Internal review** – In February the changes will be internally review in advance of the BAD being issued for external review in March 2018	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in February 2018 based on prepared BAD changes
SECMP0008	Provision of a DCC Alert for Quarantined Service Requests	7.8.2.5.2 Operate Anomaly Detection Threshold reword/add text to show one to one mapping between quarantined SRs and Alerts	Sections affected in BAD: 7.8.2.5.2 Operate Anomaly	March 2018	**Drafting complete** The changes to the BAD have	**Internal review** – In February the changes will be internally	**Not started** - as at end of January 2018	**Drafting -** Change to be drafted in

Change Reference	Title	Impacted BAD sections	Additional comments on the changes required	Review date	BAD update – current status	BAD Update – Next steps	Model update status	Model Update – Next steps
		7.5.6.8 DCC Alerts - Table 11. List of DCC Alerts Add new DCC alerts	Detection Threshold 7.5.6.8 DCC Alerts - Table 11. List of DCC Alerts		been drafted during January 2018	review in advance of the BAD being issued for external review in March 2018		February 2018 based on prepared BAD changes

Appendix B - Project Plan



*Release 2.0 changes accessible in draft model in the interim, period (light blue)