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Paper Reference:	TABASC_36_1511_12
Action:	For Decision

Revisit SMETS1 Service Release BAD and TAD Review Approach

1. Purpose

This paper provides opportunity to revisit the timelines for commencing the work required for identifying and capturing the necessary changes to the Business Architecture Document (BAD), its supporting Business Architecture Model (BAM) and the Technical Architecture Document (TAD) that the SMETS1 (Enrolment and Adoption) Service Release will introduce.

The paper also provides details for consideration on the value and usefulness of the BAD, BAM and TAD to prompt TABASC discussions on the frequency and extent to which they are maintained in the future.

2. SMETS1 Service Release BAD and TAD Review approach

2.1 A recap of previous discussions

At the July 2018 TABASC meeting, the TABASC agreed the high-level plan¹ of activities and effort for identifying and capturing the necessary SMETS1 Services Release changes to the BAD, including the supporting BAM, and the TAD.

The high-level plans were built around the Initial Operating Capability (IOC)² for the SMETS1 Service Release going live in November 2018, per the agreed SMETS1 Service Release plan at the time. This meant that it was proposed that work on the changes would commence and then take place between July and November 2018, to enable completion on or shortly after the IOC date.

However, at the July 2018 TABASC meeting, it was noted that it was unclear if IOC would be in November 2018 as planned and that a review by the DCC on the SMETS1 Service Release plan was about to commence. This was expected to result in changes to the timings of when the SMETS1 Service Release would go live, with a potential shift in the timings of the three operating capabilities moving back to later dates

In addition to the SMETS1 Release go live timings, the TABASC also raised concerns that many of the revised or new SEC documents, that will capture the details of the SMETS1 Service solution,

¹ The plans were set out in TABASC_32_1907_09 – SMETS1 Service Release BAD Review Approach and TABASC_32_1907_10 – SMETS1 Service Release TAD Review Approach

² The first of three operating capabilities, comprising the Initial Operating Capability (IOC), Middle Operating Capability (MOC) and Final Operating Capability (FOC) that will increase the types of SMETS1 Meters that can be migrated and enrolled into the DCC SMETS1 Services solution.

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were still being drafted or going through transitional governance baselining activities, with a limited amount formally designated into the SEC. This meant that there was a risk that if work commenced on the SMETS1 Service Release changes to the BAD and TAD that time and effort may have been wasted if the documentation was subsequently changes resulting in re-drafting of the BAD and TAD SMETS1 Services changes.

Having discussed these concerns, the TABASC agreed that work should not commence until at least November 2018 once the outcomes of the review of the SMETS1 Service Release re-planning was known, and to allow additional time for the SEC changes and drafting to stabilise more fully.

2.2 Recent developments

On 1 November 2018, the DCC issued a consultation on the proposed revised delivery plan for the SMETS1 Services Release. Part of the consultation includes the proposed change to the timing of the three operating capabilities. From a SMETS1 Service Release BAD and TAD review approach perspective the key date to note is the movement of IOC back from November 2018 to late May 2019.

In addition, many of the SEC changes associated with the SMETS1 Service Release are much more stable with many now baselined or in some cases designated into the SEC (even though they may not be in force). This means drafting of the BAD and TAD changes will be built on more stable documentation, mitigating the risk of having to undertake re-work of the draft BAD and TAD changes.

While the SEC drafting has progressed and is generally more stable, it is worth noting that the Transitional Migration Approach Document (TMAD), one of the key SMETS1 Service Release documents is still to be baselined. However, when the BAD and TAD plans are reconsidered by TABASC in December 2018, any subsequent work can initially focus on the SEC content that has been baseline/designated with the content of the TMAD being considered and captured once it has been baselined.

2.3 Next Steps

In light of the recent developments, the TABASC are asked to agree that the plans for delivering the SMETS1 Service Release BAD and TAD changes should be reviewed and updated ready for consideration at the December 2018 TABASC meeting.

Subject to the TABASC discussions and approval of them at the December 2018 meeting, the work to prepare the changes would then be able to commence in January 2019, with the intention of having the changes finalised in line with SMETS1 IOC go live.

3. Value in Maintaining BAD, BAM and TAD

The prescribed duties and powers of the TABASC are set out in SEC Section F1.4 – F1.5, which includes the activity to develop and thereafter maintain the BAD and TAD and arrange for them to be published on the SEC Website.

TABASC has overseen the development, approval and publication of two version of the BAD (the original version and the Release 2.0 version) and one version of the TAD (the Release 2.0 version).

Having completed these activities now on a few occasions, it is prudent to assess the usefulness of the TAD and BAD to SEC Parties. This will then inform the extent and frequency in which the TAD and BAD is maintained by the TABASC, to ensure the maintenance of them remains an efficient and effective activity.

To support these considerations the following data, indicating the number of downloads, up to 7 November 2018, of the different versions of the published BAD and TAD from the SEC Website are provided³.

BAD/TAD version	Publication Date	Number of downloads
BAD v1.1	28/11/2017	359
BAD v2.0	04/10/2018	21
TAD v1.1	28/11/2017	307
TAD v2.0	14/06/2018	115

Table 1: Number of downloads of the versions of the BAD and TAD from the SEC Website

The accompanying BAM which sets out the applicable process areas in business process model form does not have analytics indicating the level of access/number of downloads. This is due to the link on the SEC Website taking you to the separate BAM portal, as a result of it not being physically published on the SEC Website.

The TABASC is asked to consider the value in continuing to maintain the BAD, TAD and BAM on a release by release basis. To aid discussions the following non-exhaustive options are provided below:

- Option 1 – Continue to update the BAD, BAM and TAD with each major release (*no change to current maintenance approach*); or
- Option 2 – Continue to update the BAD and TAD with each major release but do not commence updates until further data is obtained from SEC Parties on the usefulness of the existing versions of the BAM (*stop all changes until further analysis is completed*);

4. Recommendations

The TABASC is requested to:

- **AGREE** that an updated resource and plan for the SMETS1 Service Release BAD, TAD and separately the BAM updates should be provided at the December 2018 meeting; and
- **CONSIDER** the ongoing review and maintenance approach of the BAM.

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³ This data is taken from the new SEC Website which went live in later stages of 2017