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Meeting TABASC_33_1608, 16th August 2018

10:00 – 15:40, Gemserv, 8 Fenchurch Place, London EC3M 4AJ

Technical Architecture and Business Architecture Sub-Committee (TABASC)

Final Minutes

Attendees:

Category	TABASC Members
TABASC Chair	Julian Hughes
Large Suppliers	Stephen Lovell (teleconference)
	Emslie Law
	Stacey Brentnall (teleconference)
	Ashley Pocock
	Rochelle Harrison
Small Suppliers	Andy Knowles
	James Kirk (teleconference)
Gas Networks	Leigh Page
Other SEC Parties	Tim Boyle

Representing	Other Participants
Smart DCC	Sylvia Ovie (part)
BEIS	John Eager
ELEXON	Mark DeSouza Wilson (part)
SECAS	David Kemp
	Kayla Reinhart
	Rebecca Jones

Apologies	
Large Suppliers	Graham Weir
Electricity Networks	Alan Creighton
Other SEC Parties	Elias Hanna

Absent	
Ofgem	Michael Walls

1. Overview of the Target Operating Models for Half Hourly Settlement as part of Ofgem's Significant Code Review

An ELEXON representative provided a presentation on the Target Operating Models in relation to introducing market-wide Half-Hourly Settlement, as part of Ofgem's Significant Code Review. ELEXON noted that a baseline of principles had been set out by Ofgem and agreed by the Design Working Group.

ELEXON informed the TABASC that five Target Operating Models (TOM) had been developed:

- TOM A: Combined Retrieval and Processing with Separate Aggregation
- TOM B: Separate Retrieval with Combined Processing and Aggregation
- TOM C: End-to-End service covering Retrieval through to Aggregation
- TOM D: Separate Services
- TOM E: Single Central Service covering Retrieval through to Volume Allocation

The TABASC discussed the differences of each model.

ELEXON asked the TABASC for its input on the Retrieval Service as discussed below:

The TABASC discussed Change of Supplier and the process for generation of new meter keys, clarifying that a Change of Supplier does not impact an "Other User" being able to access half hour data. ELEXON queried how much data can the new Supplier retrieve from the meter, and TABASC confirmed that thirteen months of half hour data is available from the Meter.

ELEXON queried whether daily consumption log is net import or raw import, and the TABASC advised that it is net energy imported. The TABASC also clarified that Active Export data is available in the daily read log.

There was discussion around how the scheduling of meter reads would be spread across the DCC Systems. The TABASC noted the constraints on the load across the DCC Systems already and noted the need to consider the traffic load management when scheduling reads.

The TABASC also considered the privacy concerns in relation to the retrieval of data by an intermediary rather than the Supplier and noted that this item should be considered by Ofgem.

It was noted that the TOMs are due to be agreed January 2019 and that Ofgem's final decision is due end of 2019 with an implementation target date of 2023.

ELEXON questioned whether a representative from the TABASC would be interested in attending the Design Working Group to provide a technical point of view as well as to keep informed on the progress of the TOMs. The TABASC noted that other industry representatives are currently attending the DWGs who can feedback relevant information. The TABASC Chair confirmed that ELEXON can raise questions relating to the SEC and services provided under it with SECA, who will pass to the relevant SEC Sub-Committees for consideration.

The TABASC **NOTED** the presentation and provided feedback relating to the Technical Architecture aspects and **AGREED** to be a conduit to answer any questions relating to capability of the Smart Metering infrastructure should it be required.

2. Minutes and Actions Outstanding

Action Reference	Update
<p>TABASC23/01</p> <p>The TABASC Chair noted that further work is required between the Operations Group and the TABASC to ensure duties are not duplicated across the Sub-Committees.</p>	<p>SECAS noted that work is underway to complete an analysis of the Terms of Reference (TOR) between the TABASC, Operations Group and Testing Advisory Group (TAG). An update will be provided at the September 2018 TABASC meeting.</p> <p>Action ONGOING.</p>
<p>TABASC28/03</p> <p>The TABASC Chair to continue discussions with the Panel to determine the responsibility of the Release Implementation Document (RID).</p>	<p>The Panel has initiated discussions relating to the enduring governance for SEC Releases and is looking to raise a SEC Modification to progress these changes. The question over the RID and its oversight will be picked up as part of the development of the Modification.</p> <p>Action ONGOING.</p>
<p>TABASC29/02</p> <p>SECAS to provide information on the November 2019 Release approach in relation to Technical Specification changes, including a clear rationale for the TABASC's consideration prior to the approach being brought to the SEC Panel for approval.</p>	<p>The TABASC questioned whether it was right to continue with Modifications that impact on DCC Systems as a lot of resource time and money is going into this but, due to costs, the changes are unlikely to be implemented any time soon. SECAS advised that the SEC Panel intends to continue with the process and is seeking a way forward with DCC to allow changes to be implemented in an efficient and cost-effective manner. The TABASC Chair advised that the Panel are managing this under their Issue 2 in this respect.</p> <p>Action CLOSED.</p>
<p>TABASC30/08</p> <p>The TABASC agreed to invite the relevant representatives to provide an update on the Joint Ofgem-and BEIS Smart Flexibility call for evidence in order to inform whether there are any impacts on the Technical and/or Business Architecture.</p>	<p>SECAS advised TABASC that BEIS is unable to provide a significant update until the Autumn. SECAS will remain in contact with BEIS to ensure an update is provided as soon as possible.</p> <p>Action ONGOING.</p>

<p>TABASC30/09</p> <p>The TABASC agreed to keep a watching brief and invite when required, the relevant representatives to provide an update on the Half-Hourly Settlement Significant Code Review in order to inform whether there are any impacts on the Technical and/or Business Architecture.</p>	<p>ELEXON provided an overview on the Target Operating Models under agenda item 1.</p> <p>Action CLOSED.</p>
<p>TABASC31/02</p> <p>DCC update to be provided on T3 Aerials at a future meeting.</p>	<p>The DCC noted that work is currently ongoing internally and that an update on progress would be provided at a future meeting. The TABASC noted that it believes the T3 solution is not workable and is not cost or time effective. The TABASC stated that it has been raising concerns and problems regarding this matter for more than two years. The TABASC Chair requested that the DCC provide an update at next months meeting on all the issues raised to date including its considerations to the feedback received from industry previously. This will be a specific agenda item.</p> <p>Action ONGOING.</p>
<p>TABASC32/02</p> <p>The TABASC requested more transparent cost and solution update on the approach to Production Proving, specifically in relation to the enduring strategic solution from DCC.</p>	<p>The DCC indicated that procurement activities in relation to the DCC Production Proving will commence in October, therefore they will not be in a position to provide cost information any earlier. The TABASC Chair advised that the DCC Production Proving was planned to conclude in October 2018 rather than commencing in October 2018, therefore DCC should be able to provide an update at the October 2018 TABASC meeting.</p> <p>Action ONGOING.</p>
<p>TABASC32/03</p> <p>SECAS to provide an overview on how Technical Specifications are managed through the Release Management process, including specific proposal from SECAS and the DCC of how SECMP0006 will be implemented.</p>	<p>An update was provided under agenda item 8.</p> <p>Action CLOSED.</p>
<p>TABASC32/04</p> <p>SECAS to facilitate a specific work piece engaging the SEC Panel to consider Panel Issue 2.</p>	<p>SECAS noted that the SEC Panel will revisit undertaking further development to Panel Issue 2 next month.</p> <p>Action ONGOING.</p>

<p>TABASC32/05</p> <p>SECAS to seek confirmation from the DCC as to whether the intention is to align the format of both the Planned Maintenance and Unplanned Maintenance notifications.</p>	<p>The DCC noted that consideration is being given to the information and format of the notifications. The TABASC agreed to formally hand over the action to the Operations Group. This was further discussed under agenda item 9.</p> <p>Action CLOSED.</p>
<p>TABASC32/06</p> <p>The Electricity Networks TABASC Member to liaise with DNOs to clarify whether the point of views expressed in the Working Groups aligns reflect the overall position of DNOs.</p>	<p>It was noted that the Electricity Network TABASC Member had liaised with relevant representatives to the project including those from EA Technology to clarify whether the point of views expressed in the Working Groups reflects the overall position of DNOs.</p> <p>The views gathered is that because the EV load is likely to be the largest load in a customer's premise in practice, that would present the greatest opportunity for load management. Therefore, is probably where the focus will/should be directed. However, it was also noted that, the intention is that any load management functionality would be specified such that it could be applied to other forms of load so that it could be managed in a similar way. The TABASC Chair noted this feedback is an important opportunity for Smart Metering and should be highlighted to the SEC Panel. See action TABASC33/01 below for reference.</p> <p>Action CLOSED.</p>
<p>TABASC32/07</p> <p>SECAS to prepare a draft set of Terms of Reference for the meetings of the TBEC for TABASC discussions at the September meeting.</p>	<p>SECAS noted that a draft TOR will be provided at the September 2018 TABASC meeting for discussion and feedback.</p> <p>Action ONGOING.</p>

ACTION TABASC33/01: The TABASC Chair to write to the Panel to bring to its attention and highlight the Electric Vehicles Modification as an example under its Issue 2¹ noting the potential benefit to Smart Metering Systems which may be circumvented as making changes to the DCC System is too complicated.

3. DCC Update

Centralised Switching Services (CSS)

The DCC provided an update on the Centralised Switching Service (CSS), noting that the assumptions have been developed in relation to transitioning to an online web service for the DSP

¹ SEC Panel Issue 2: DCC System is circumvented as making changes to it is too complicated

Registration Data interface. The DCC noted that the TABASC may not only wish to consider the DCC proposal for the new interface but also the wider CSS programme of work which is independent from the DCC. The TABASC noted its need for involvement in assessing potential risks around the interface in relation to the Technical and/or Business Architecture. Therefore, the TABASC requested a joint DCC-Ofgem presentation next month on the development of the CSS and the DSP Registration Data Interface to inform whether there are any impacts on the Technical and/or Business Architecture.

ACTION TABASC33/02: DCC and Ofgem to provide a joint presentation at the September 2018 meeting on the development of the CSS and the DSP Registration Data Interface to inform whether there are any impacts on the Technical and/or Business Architecture.

2G/3G cellular coverage

The DCC informed the TABASC of the need for an approach to manage the future procurement of 2G/3G coverage. It was noted that 2G for SMETS2 provided by Telefonica will sunset in 2028; however, the 2G roaming service provided by Vodafone may sunset in 2025 and 3G will sunset prior to that. The likely solution is to utilise LTE but that will require Communications Hubs being delivered for rollout including support for LTE which they currently do not. The TABASC noted the potential risk of having to replace Communications Hubs as 2G sunsets if nothing is done soon. The TABASC noted the need to help develop the strategy and agreed to develop a new risk to add to the TABASC Risk Register.

ACTION TABASC33/03: The TABASC to develop a new risk to add to the TABASC Risk Register in relation to managing the approach to the sunset of 2G/3G mobile coverage for TABASC consideration at its September 2018 meeting.

The TABASC **NOTED** the DCC Update.

4. Sub-Committee Update

Security Sub-Committee (SSC)

The TABASC Chair put forward queries received from the Security Sub-Committee (SSC) which required the TABASC's consideration and feedback. This included a specific scenario involving Change of Supplier where a device is installed but not commissioned and then churned to another Supplier. The TABASC confirmed that the gaining Supplier would not necessarily be aware that a CH is installed without a site visit. The TABASC agreed that this was a valid scenario. The TABASC Chair noted that the feedback would be provided to the SSC for consideration.

The second scenario put forward to the TABASC involved a Supplier having procured a second Smart Meter system that may or may not be using the same Adaptor Service Provider and queried the implications. It was noted that this may mean that a User would be connecting to the DCC via two different gateway connections, with two different solutions. The TABASC agreed that it was a valid scenario to investigate and requested that DCC provide clarity over how that situation can be accommodated.

Smart Meter Key Infrastructure Policy Management Authority's (SMKI PMA)

There were no specific areas of relevance to the TABASC to note in relation to the recent SMKI PMA activities.

Operations Group

The TABASC were updated on discussions that took place in the last Operations Group meeting. Items relating the Technical and/or Business Architecture were discussed below:

- SECMP0058 'Changes to the governance of the Self-Service Interface', which involves changes to SEC Appendix AH 'Self -Service Interface Design Specification'. The TABASC noted that the potential impacts in relation to the Technical Architecture of Smart Metering Systems.
- Data Quality Issue and how the DCC handle Registration Data Provider (RDP) data. The TABASC noted the potential need to be involved in the future due to the impacts on the Technical Architecture.
- Continued concern around the communication of DCC Planned and Unplanned Maintenance notifications from the DCC, noting that it needs to be written in plain, non-technical English and ideally be uploaded to the SSI Forward Schedule of Change. The TABASC supported this view and noted the need for resolution in order for the relevant Sub-Committees to understand the impacts and whether further assessment is required.

The TABASC **NOTED** the Sub-Committee Update.

5. BEIS Update

BEIS noted the recent publications below:

- Consultation on the designation of the SEC Variation Testing Approach Document (SVTAD) for SMETS1 went out at the end of July 2018.

BEIS noted the following future consultation activity due to be published:

- Consultation on DCC Project Incentive Scheme for SMETS1 Enrolment and Adoption program and the BEIS proposal is due in August 2018;
- Consultation on final designations and Transitional Variations for Release 2.0 design is due at the end of August 2018;
- Quarterly statistics report covering Smart Meter installations from April to June 2018 is due end of August 2018;
- BEIS response to the consultation on enrolment of SMETS1 meter cohort is due September 2018;
- BEIS response to the consultation on SVTAD for SMETS 1 Services is due September 2018;
- BEIS response to consultation on SMETS1 end date is planned for September or October 2018; and
- SMETS1 regulatory consultation is due in Quarter 3 2018.

The TABASC **NOTED** the BEIS update.

6. TABASC Risk Register

SECAS provided an update on the TABASC risks and associated risk management plans that the TABASC have agreed to retain and monitor. SECAS highlighted that no updates had been made to the current TABASC Risks or Risk Management Plans.

The TABASC **NOTED** the update.

7. TABASC input during the Modification Process

The TABASC discussed their involvement in the development and assessment of Modification Proposals and at what points in the lifecycle of a change it is involved. The TABASC would be asked to provide input to any relevant Modifications that may have impact on the Technical and/or Business Architecture while the Working Groups are developing the solutions during the Refinement Process. This includes focusing on a set of general questions for the TABASC to consider for each Modification. The TABASC noted that a mechanism for obtaining early TABASC input on relevant proposals should also be introduced. SECAS believe the best place for this to happen would be during the Development Stage (subject to the outcome of [SECMP0049 'Section D Review: Amendments to the Modification Process'](#)) while the proposal and scope were still being assessed. SECAS informed the TABASC that the SEC requires that Working Groups should always consult the TABASC over any Modification that would impact on the Technical Code Specifications as required by SEC Section D6.8(f). The TABASC noted the Technical Code Specifications list and advised that some are owned by the SMKI PMA and Operations Group.

The TABASC believe that these discussions on Modification Proposals were key items that it should be picking up as part of the regular monthly meetings.

The TABASC **PROVIDED** its views and comments on the intended approach, noting that Modifications presented for discussion need to be added to the agenda as part of the regular monthly meetings.

8. Technical Specification versioning and Releases (including implementing SECMP0006 in Release 2.0)

SECAS advised the TABASC that [SECMP0006 'Specifying the number of digits for device display'](#) will make changes to SMETS2 and is scheduled to go live alongside Release 2.0 at the end of September 2018. It was noted that SMETS2 version 3.0 had been pre-designated into the SEC by BEIS on 1st February 2018 for Release 2.0. However, this version does not contain the changes for SECMP0006 as these were still undergoing the EU notification period at that time.

The TABASC were requested to consider implementing the changes to SMETS2 version 3.1 to go live alongside version 3.0. The TABASC noted that it was unlikely DCC could accommodate a version 3.1 as part of Release 2.0, and queried if, noting the assumptions above, the changes for SECMP0006 could simply be added into version 3.0. However, Members noted previous TABASC considerations on version numbering and determined that the principle that any change should result in a version number increase should be maintained here. Therefore, a version 3.1 will need to be created to accommodate SECMP0006.

The complication with putting the Modification in to SMETS2 v3.1 is that DCC are unable to implement it in time for DCC Release 2 and as a result the TABASC Chair queried whether SECMP0006 could be implemented as part of a DCC maintenance release, rather than through a full

release. If so it may be possible to implement SMETS2 v3.1 in November. The TABASC advised that DCC need to be approached to ascertain when SMETS2 v3.1 could be implemented.

TABASC considered setting the installation and maintenance end dates for version 3.0 to 12 months after implementation to allow Suppliers a period in which to ensure they are delivering Devices meeting the requirements of SECMP0006 before the version becomes mandatory. It was noted that Manufacturers may have already made the changes now to comply with the changes SECMP0006 introduces, as this Modification has been approved since September 2017, and the TABASC should consider shortening the maintenance period end date to reduce the number of Devices at SMETS2 v3.0. The TABASC agreed they would want to end-date version 3.0 as soon as possible and have the Manufacturers using version 3.1 as soon as possible.

[SECMP0048 'Extension of SMETS gas Valve exemption to include Large Gas Meters installed at Domestic Premises'](#) will also impact SMETS2, requiring a new version of the document. This Modification is due to be implemented on 1st November 2018. One TABASC Member believes DCC may be making some system changes towards the end of October 2018 and queried if it would be able to accommodate a new version as part of this. If so, the TABASC considered the most pragmatic approach, to be to implement both SECMP0006 and SECMP0048 together, as part of the November 2018 SEC Release, resulting in only one new version being needed.

The TABASC agreed that DCC would need to confirm how quickly it could accommodate a new version of SMETS2. Following this, the Panel would need to write to the Authority requesting a revised implementation date for SECMP0006. The TABASC also agreed to consult with the industry on how quickly SMETS2 version 3.0 could then be end-dated following implementation of SMETS2 version 3.1. It was also noted that a SMETS2 version 4.1 will be required to update SMETS2 version 4.0 for SECMP0006 and SECMP0048, but that, given the lead time, SMETS2 version 4.0 could be end-dated immediately upon go-live.

The TABASC **AGREED** a way forward to incorporate SECMP0006 and SECMP0048 into SMETS2 version 3.1, subject to DCC confirmation of timescales to accommodate a new version of SMETS2 as well as input from an industry consultation.

ACTION TABASC33/04: SECAS to liaise with DCC to ascertain the possibility of implementing SMETS2 version 3.1 in November.

9. DCC Planned and Unplanned Maintenance Information

SECAS highlighted that since the July 2018 TABASC meeting, 30 DCC Planned Maintenance notifications were issued. The TABASC noted that there were no impacts to the Technical and/or Business Architecture this month.

The TABASC **AGREED** that it is within the Operations Group's remit to continue to request from the DCC improvements to the communications of the notifications, including aligning formatting, correct categorisation, using plain English, and ideally uploading the DCC SSI Forward Schedule of Change for User access. The TABASC also **AGREED** as the notifications come under the scrutiny of the Operations Group, in future TABASC will only discuss the content of the notifications if relevant to the TABASC.

10. TABASC Activity Planner

The Activity Planner has been provided to the TABASC to manage its duties, time, and required expert support, highlighting up and coming activities. It was highlighted that the second phase of the

Effectiveness Review questionnaire is due to be issued in early September 2018. The TABASC noted that the volume of installs has increased and therefore agreed the previous plan to re-issue the survey to all SEC Parties.

The TABASC **NOTED** the contents of the paper and Appendix A.

11. Any Other Business (A.O.B)

No items of A.O.B were raised and the TABASC Chair closed the meeting.

12. Transitional Governance Update

The Transitional Governance Update is a compendium of activities occurring in the Smart Metering Implementation Programme (SMIP). The paper provides a high-level overview of any relevant publications, responses and consultations issued by the Department for Business, Energy and Industrial Strategy (BEIS), the Data Communications Company (DCC), and Ofgem, in relation to smart metering, whilst highlighting areas which may be of interest to the SEC Panel and/or SEC Parties.

13. Change Status Report – August 2018

The monthly Change Status Report provides information on the progress of SEC Modifications and Releases, covering the August 2018 SEC Panel recommendations and decisions.