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## Technical Architecture and Business Architecture Sub-Committee (TABASC)

### TABASC\_44\_1807, 18 July 2019

10:00 – 16:00 ETC Venues, 8 Fenchurch Place, London EC3M 4AJ

## Final Minutes

### Attendees:

Category	TABASC Members
TABASC Chair	Julian Hughes
Large Suppliers	Stephen Lovell
	Ashley Pocock
	Rochelle Harrison ( <i>teleconference</i> ) ( <i>part</i> )
	Emslie Law
	James Nixon ( <i>alternate for Grahame Weir</i> ) ( <i>teleconference</i> ) ( <i>part</i> )
Small Suppliers	Terry Underwood ( <i>teleconference</i> ) ( <i>part</i> )
Other SEC Parties	Elias Hanna
Electricity Networks	Alan Creighton
Other SEC Parties	Tim Boyle

Representing	Other Participants
DCC	Mark Andrews ( <i>part</i> )
	Steve Stathakis ( <i>alternate for Simon Harrison</i> )
BEIS	Joe Howard
SECAS	Phillip Twiddy
	Kayla Reinhart
	Rebecca Jones
	Harry Jones ( <i>part</i> )
	Alan Bateman ( <i>part</i> )

Absent	
Small Suppliers	James Kirk
Gas Networks	Leigh Page

Apologies	
Large Suppliers	Grahame Weir
DCC	Simon Harrison

## 1. Minutes and Actions Outstanding

Action Reference	Update
<p>TABASC41/04</p> <p>SECAS to request that Alt HAN address the two points raised by the TABASC when they return in June:</p> <ul style="list-style-type: none"> <li>- Whether the project requested an Impact Assessment from DCC for adding an Alt HAN Device type to the inventory (rather than listing it as a CAD); and</li> <li>- How issues can be diagnosed and impacted when Alt HAN Devices are present.</li> </ul>	<p>The Alt HAN team confirmed that no impact assessment had been formally requested from DCC to create a new Device Type to explicitly identify Alt HAN Devices on the Smart Metering Inventory (SMI), rather than listing them as a Consumer Access Device (CAD). The Alt HAN programme recognised the limitation of this situation and explained that the decision was made on the basis of discussion and feedback earlier in the project. Alt HAN programme considered that raising a DCC change could lead to unnecessary costs but advised that their solution was not yet finalised and would consider it if TABASC believed it beneficial.</p> <p>The TABASC discussed whether Parties have any concerns about being unable to explicitly identify Alt HAN equipment using the DCC SMI, but the general consensus was that Users will be able to interrogate an Alt HAN inventory and overcome the limitations, which appears to be a pragmatic solution. The TABASC considered that there could be an opportunity in the future to introduce a new Device Type at low(er) cost in the future, in which case the TABASC may wish to promote this.</p>

Action Reference	Update
	<p>The TABASC also considered the limitation on the number of Type 2 Devices that Communications Hubs must support and the possibility that Alt HAN Devices could limit the ability of CADs to be joined. There is no evidence of this currently and the TABASC considered that this may need to be reviewed in the future. TABASC noted that this could be a problem in the future, with or without Alt HAN, and considered that guidance on unjoining Type 2 Devices might be appropriate in the future.</p> <p>A TABASC member also noted a new interoperability standard (PAS 1879) that is currently in development (outside of the smart metering programme). This should enable communications between Smart Metering Devices and other communications networks/devices. Currently this standard is not available for public consumption and the TABASC member offered to provide periodic updates when the information becomes public.</p> <p>The TABASC discussed the challenges affecting diagnosis of issues when Alt HAN Devices are present, noting that most of the challenges may be exacerbated by the introduction of Alt HAN equipment, but they already exist.</p> <p>Action <b>CLOSED</b>.</p>
<p>TABASC42/02</p> <p>SECAS to re-draft the letter regarding Market-wide Half Hourly Settlement to the SEC Panel to include the TABASC input</p>	<p>The TABASC agreed to close this action and wait to hear back from the RFI and finalise the TOM.</p> <p>Action <b>CLOSED</b>.</p>
<p>TABASC42/03</p> <p>The DCC to provide an answer to the TABASC query regarding what will happen with incidents raised where Suppliers are being told to install T3 Aerials at the June 2019 TABASC</p>	<p>This agenda item was postponed until the August TABASC meeting.</p> <p>Action <b>OPEN</b></p>

Action Reference	Update
<p>TABASC42/10</p> <p>SECAS to capture information regarding where alert issues are being addressed to help identify if any additional activity is required.</p>	<p>An update is provided under Agenda Item 14.</p> <p>Action <b>CLOSED</b>.</p>
<p>TABASC42/12</p> <p>The TABASC to provide feedback on the third iteration of the Effectiveness Review Survey at the June 2019 meeting.</p>	<p>No feedback was received.</p> <p>The updated format and the communication approach is provided under agenda item 4. Feedback received during the meeting has subsequently been actioned.</p> <p>Action <b>CLOSED</b>.</p>
<p>TABASC43/02</p> <p>The DCC to provide an understanding of the factors that affect the ratings and decision making within the EMF Orchestration heat map.</p>	<p>An update is provided under agenda item 9.</p> <p>Action <b>CLOSED</b></p>
<p>TABASC43/03</p> <p>The DCC to provide an update the August 2019 TABASC meeting on the EMF orchestration pilot.</p>	<p>An update will be provided at the August 2019 TABASC meeting.</p> <p>Action <b>OPEN</b>.</p>
<p>TABASC43/04</p> <p>DCC to provide an update in July on the options under investigation for T3 Aerials and to discuss the benefits.</p>	<p>This agenda item was postponed until the August TABASC meeting.</p> <p>Action <b>OPEN</b></p>
<p>TABASC43/05</p> <p>SECAS to provide written responses to the TABASC in relation to comments previously raised in relation to DP075 and DP076 before referring back to Change Sub-Committee.</p>	<p>An update is provided under agenda item 13.</p> <p>Action <b>CLOSED</b></p>

Action Reference	Update
TABASC43/06  The TABASC to provide nominations willing to sponsor the DCC System impacting IRP Modification Proposal to the SEC Change team (sec.change@gemserv.com) as soon	An industry member has been nominated and an update will be provided under agenda item 13.  Action <b>CLOSED</b>

## 2. TABASC Lookback Report Work Package Q1 (April – June 2019)

SECAS provided the TABASC with the lookback report against the work package for Quarter 1 outlining the actual days against estimated days effort. The costs for the BAD and TAD projects were provided with SECAS confirming that the projects are being delivered within the agreed amended budget and timescales.

The TABASC **NOTED** the update.

## 3. SMETS1 Service Release BAD & TAD Project Update – June 2019

SECAS provided the TABASC with an update on the BAD and TAD projects for June 2019 highlighting that the BAM is being updated and the design notes are being transferred into the BAD. In June 2019 the BAD and TAD were finalised and published, with responses to relevant industry respondents made. All remaining activities will be completed in August 2019.

The TABASC **NOTED** the update.

## 4. Effectiveness Review Update

SECAS provided the TABASC with an update on the third iteration of the Effectiveness Review Survey noting that the survey has been reformatted to garner more responses. SECAS proposed a date of 9 September 2019 to issue the survey to relevant stakeholders. The TABASC made the below comments regarding the questionnaire:

1. Add questions to requesting the volume of installations that fail first time or are aborted.
2. Identify connectivity issues in the Central and South Region, not just North Region.
3. Seek information regarding the success rate of firmware upgrades.

TABASC discussed whether information relating to known issues should be sought or actively discouraged and chose to leave it to respondents to decide. No changes were required.

**ACTION TABASC44/01:** SECAS to incorporate the changes into the Effectiveness Review Questionnaire and clarify the wording for the August 2019 TABASC meeting.

**ACTION TABASC44/02:** SECAS to distribute the Effectiveness Review Questionnaire with incorporated changes to TABASC members for feedback by Monday 5 August 2019.

The TABASC **NOTED** the update and **AGREED** to review the Effectiveness Review Survey to ensure the questions are fit for purpose.

## 5. Risk Register

SECAS provided the TABASC with five risks which were updated this month:

- TABASC010 – RMP RAG status updated from amber to red. The RAG status has been updated following the completion of the DCC benchmarking exercise, the report following this will be brought to the TABASC at the August meeting.
- TABASC011 – RMP RAG status updated from red to amber following discussions at the April TABASC meeting.
- TABASC011.1 – noted that the DCC now provide monthly update to the TABASC on this risk.
- TABASC012 – noted that one activity has been delayed due to resource constraints.
- TABASC007 – activity has been put on hold temporarily due to resource constraints, to recommence late July 2019.

BEIS noted that relating to risk TABASC3.2, the work BEIS has done on HAN performance modelling could be presented, updates on the HAN survey tools trial can also be provided when the work commences. BEIS noted that the HAN coverage model estimates that 868MHz HAN will achieve at least 95% coverage.

**ACTION TABASC44/03:** BEIS to present their work on HAN performance modelling to the TABASC, explaining their confidence in 868MHz coverage (relating to TABASC Risk TABASC3.2).

## 6. Activity Planner

SECAS provided the TABASC with the activity planner noting updates to three activities this month:

- **Activity 4:** update plan dates for the Effectiveness Review survey;
- **Activity 6:** update milestone status of the Technical Architecture Document updates for SMETS1; and
- **Activity 7:** update milestone status of the Business Architecture Document updates for SMETS1.

The TABASC Chair requested for the CPL system updates to be added to the activity planner following the PID being presented at the August 2019 meeting.

The TABASC **NOTED** the update.

**ACTION TABASC44/04:** CPL system updates to be added to the activity planner, following PID being presented at the August 2019 TABASC meeting.

## 7. DCC LTE Communications Hubs Update

This agenda item was deferred to the August 2019 TABASC meeting.

## 8. DCC T3 Aerials Update

This agenda item was deferred to the August 2019 TABASC meeting.

## 9. DCC Ecosystems Management Framework Orchestration

The DCC provided the TABASC with an update on the Ecosystems Management Framework (EMF) Orchestration (now referred to as Coordination) indicating how the severity will be assessed and highlighting that there would be three separate coordination heatmaps, being:

1. A DCC internal heatmap;
2. A DCC customer heatmap, and;
3. An overall heatmap which will be for both internal and external change coordination.

The DCC highlighted the factors that influence of the heatmaps and presented an aggregated calendar view which sets out a RAG status based on the heatmaps.

The TABASC questioned the proposed ranking model with a number of assessments being the converse of those proposed. DCC confirmed that the proposal was only a starting point and as soon as the pilot started meaningfully, DCC would refine the model. The TABASC Chair suggested TABASC could usefully help DCC refine the model as more information comes through and the DCC confirmed that they will come back to the TABASC at the September meeting.

The TABASC **NOTED** the update.

## 10. DCC Update

The DCC provided the TABASC with a verbal update on the following:

- T3 Aerials assessment of options is mostly complete, with a draft report from Telefonica being issued to DCC in July 2019.

- DCC has submitted the SMETS1 Live Services Criteria (LSC) documents to commence migrations of the first IOC devices. The SEC Panel meeting is scheduled for Friday 19 July and the outcome of that will go to BEIS the following week.
- To improve DCC engagement with industry, the DCC have run some workshops throughout July and over the coming months. A clear plan on how this will be rolled out will be provided.

The TABASC **NOTED** the update.

## 11. Sub-Committee Update

### Security Sub-Committee (SSC)

The TABASC Chair referenced that a notice has been issued by SSC regarding the removal of Aclara Devices with firmware on CPL.

The TABASC Chair provided further updates from the SSC which were marked as **RED** and therefore recorded in the confidential minutes.

### Smart Meter Key Infrastructure Policy Management Authority (SMKI PMA)

The TABASC Chair advised that SMETS1 Final Operating Capability (FOC) and Middle Operating Capability (MOC) releases will bring in two new PKIs, the details of which had only recently been exposed. The SMKI PMA are awaiting further information from DCC to decide upon governance requirements and will also involve SSC from a security perspective. TABASC will be updated once more information is known.

### Operations Group

SECAS informed the TABASC of the Operations Group activities, particularly regarding an issue impacting firmware upgrades in Central and South Region, the DCC are investigating the issues.

SECAS also informed the TABASC of concerns raised at the Operations Group meeting regarding communications hubs returns process and request for improvement in the bulk returns process.

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

## 12. BEIS Update

BEIS provided the TABASC with an update on the publication of upcoming consultations, noting that the consultation on Installation Validity Period (IVP) and Maintenance Validity Period (MVP) end dates for CHTS v1.0 and CHTS 1.1 has been deferred to August 2019 once the delivery dates for CHTS v1.2 devices is known.

The TABASC **NOTED** the BEIS update.



### 13. New Draft Proposals and Modification Proposals

SECAS provided the TABASC with the new Draft Proposals and Modification Proposals raised in the past month, seeking comments from the TABASC on these proposals and agreement on which proposals the TABASC would want to provide further input on as they progress.

SECAS provided the TABASC with an overview of Modification Proposal [DP0079 – ‘provisions for withdrawing modifications’](#). The TABASC agreed that its involvement is not needed unless sub-committees are able to withdraw modifications.

The TABASC noted interest in the Draft Proposal [DP0078 – ‘incorporation of multiple Issue Resolution Proposals into the SEC – Part 2’](#). The TABASC Chair noted that there should be a third part raised for this Draft Proposal which should be the non-DCC affecting change, alongside this DCC affecting change.

The TABASC **NOTED** the update.

### 14. Alert Issues Handling

SECAS provided the TABASC with an update on the known alert issues and how they are being handled by various industry organisations and committees. The update issues relating to several alerts and that these are being dealt with by a combination of the BEIS-run Technical Specification Issue Resolution Sub-group (TSIRS), DCC-run Design Release Forum, and the SEC Panel’s Operations Group. The TABASC noted their interest in any changes which come out of this and requested to be kept up to date. There was an overall query on how industry stay informed on wider issues and how they are being managed. An update will be provided at a future TABASC meeting.

The TABASC **NOTED** the update.

### 15. Guidance on Device Triage – Resetting the HAN

The TABASC Chair provided the TABASC with an update on a guidance paper on device triage, highlighting that this originally started life as SECMP0013, where it was realised that there would be no changes to the SEC as the impact related to the CPA Security Characteristics and not the SEC. The first use case is that an engineer tried to install and commission a device which failed, they remove the device straight away and now wish to install it elsewhere. The guidance was approved by SSC on the 10 July and has now been published [here](#). It is understood that there will be at least another two use cases developed:

- 1) where a device has been left on the wall longer than whilst the engineer is trying to fit the device;
- 2) where the engineer wishes to reset the device whilst still on the wall.

The TABASC **NOTED** the update.

## **16. Any Other Business (AOB)**

One item of additional business was raised by the TABASC Chair regarding a nomination being received to fill the vacant Large Supplier Seat.

A TABASC member noted that SMETS1 changes for MOC and FOC are still being developed and TABASC may need to assess the impact of any change arising.

It was also noted that the DCC's Production Proving Function is not yet available and there may be a lost opportunity to mitigate some risk to the SMETS1 enrolment. The TABASC Chair noted that this item will be added to the agenda for the September TABASC meeting.

The TABASC Chair closed the meeting.

## **17. Transitional Governance Update – July 2019**

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 BEIS, the DCC, and Ofgem, in relation to smart metering, whilst highlighting areas which may be of interest to the SEC Panel and/or SEC Parties.

## **18. Change Status Report – July 2019**

The monthly Change Status Report provides information on the progress of SEC Modifications and Releases, covering the July 2019 SEC Panel recommendations and decisions.