



# TABASC Risk Register

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April 2019: Top Six Risks

# Agenda

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- Last month:
  - Review of the existing risk
  - Accepted updates subject to comments
- This month:
  - Deeper review of top six risks
  - Identify next set to review
- Note: The risk register (excel spreadsheet) has been updated:
  - Tabs for updated risks are highlighted in amber.
  - Updated cells highlighted in red.
  - Slight variations in columns display in following slides are deliberate; to show pertinent information.
  - A new risk (TABASC019) has been created since the March meeting.

# Summary – Top Six Risks



Risk ID	Risk Title	Ranking	Ranking	Latest update	RMP RAG Status
TABASC010	DCC System is circumvented as making changes to it is too costly and takes too long.	20	9	Original ranking increased following March TABASC feedback	Amber
TABASC017	Supplier of Last Resort processes could have an adverse impact on the ability to serve	16	4	Created in March 2019, with original ranking increased following TABASC feedback	
TABASC004	(Functional) Device behaviour problems arise from different interpretations of specifications affect installation and operations.	15	4	Original ranking increased following March TABASC feedback	Amber
TABASC011	DCC system and/or other parts of the Smart Metering infrastructure becomes technically obsolete.	15	4	Original ranking reduced following March TABASC feedback	Red
TABASC011.2	Devices may not be capable of upgrading to later versions of ZigBee & DLMS, should they be required	12	4	Created in March 2019	
TABASC013	Smart metering business process deficiencies, including for later entrants	12	6	Created in March 2019	

# Top Six Review – TABASC010



Title	Description
Modification process takes too long, excessive backlog of change required, architecture too costly or takes excessive time to deliver change	Changes to the DCC Systems cannot be delivered due to timescales and complexity resulting in solutions being deployed outside of the DCC Systems (and the SEC) limiting control under SEC Governance.
Action Plan	
Action required	Update
1 Monitor the costs associated with implementing (DCC System impacting) Modification Proposal solutions.	Propose replacing with either: - explicit action in Q2 / Q3 to review modification costs; or - piecemeal review when Impact Assessments are received
2 Clear requirements needed to enable an accurate assessment of (DCC solution) cost impacts to be calculated/	Propose closure - Modifications process has made recent changes to clarify the requirement prior to any definition of solution
3 DCC to request the WG to clarify requirements (in a timely manner and prior to the submissions of PA/IA requests) to enable and accurate assessment to be undertaken.	Propose closure - same reason as #2
4 Assessment of more effective ways of working, methodologies, tools and environments to aid and bring forward the reduction of costs.	Propose await review of benchmarking exercise sponsored by the Panel
5 Consideration of a more effective manner of challenging DCC solution costs (noting that there is limited ability to do this currently within the SEC as DCC cost matters are covered by the DCC Licence).	Propose await review of benchmarking exercise sponsored by the Panel
6 Consider if the matter should be escalated to the SEC Panel	Completed
7 Review benchmarking exercise results and conclusions. Devise action plan as necessary.	Review benchmarking exercise results and conclusions. Devise action plan as necessary.

# Top Six Review – TABASC017



Title	Description
Supplier of Last Resort processes could have an adverse impact on the ability to serve	The duration of the end-to-end SoLR process means that a delay in the ability to send Commands to Devices whilst a replacement Supplier is appointed

## Action Plan

Action required	Start date	Date to be implemented	RAG	Update
1 Engagement with DCC and Ofgem to understand existing process	Q2 2019	Q2 2019	Green	Discussions underway with initial view of options discussed between Ofgem, DCC & SECAS. Initial views shared with SSC and TABASC Chairs. Follow-up meeting(s) being arranged.
2 Identify options to address any shortfalls	Q2 2019	Q2 2019	Green	Initial options identified, but agreement to be sought.
3 Present and discussion options at TABASC (and SSC / SMKI PMA as necessary)	May-19	May-19	Green	Agree presentation to sub-committees
3 Implement any options to address shortfalls	Q2 2019	Q3 2019	Amber	Initial options identified, but risk persists that solution could take some time to implement.

# Top Six Review – TABASC004



Title	Description
(Functional) Device behaviour problems arise from different interpretations of specifications affect installation and operations.	Different interpretations of the functional aspects of the Technical Specifications by manufacturers may give rise to unpredictable device behaviour, that may manifest in performance issues.

## Action Plan

Action required	Update
1 Technical, Business and HAN Architecture Effectiveness Review to identify areas of concern	Complete
2 Monitor Incidents where device performance is an issue via DCC reporting	Review appropriateness of action
3 Monitor instances where device performance is an issue via User reporting	Review appropriateness of action
4 Consider whether performance characteristics need be specified (contingent on Action IDs 1-3)	Review appropriateness of action
5 Consider establishing a sub-risk in relation to the 868MHz frequency coverage when associated changes are baselines/designated/take effect	Complete
6 Consider establishing a sub-risk in relation to the Alt HAN coverage when details of changes and solutions are better known and understood	To be considered by TABASC at April meeting
7 Consider whether any further engagement with TSIRS is required	New action.
8 Consider any further actions required for TABASC ownership of TSIRS	New action.

# Top Six Review – TABASC011



Title	Description
DCC system and/other parts of the Smart Metering infrastructure becomes technically obsolete.	The risk of technical obsolescence may lead to inability to support emerging business processes, make changes, security vulnerabilities, higher complexity, inability to support the systems.

## Action Plan

Action required	RAG	Update
1 Perform high level assessment of the various components of smart metering end-to-end solution.	Red	Potentially consider closed with creation of TABASC011.1, 011.2 & 011.3
2 Identify areas at greatest risk of technological obsolescence and owner.	Red	Potentially consider closed with creation of TABASC011.1, 011.2 & 011.3
3 As necessary, develop strategy to avoid or address risk of obsolescence or gain strategy from owner	Amber	Engagement started at sub-risk level, particularly 011.1 (sunset of 2G/3G)
4 Manage implementation of strategy, or report from owner.	not started	

# Top Six Review – TABASC011.2



Title	Description
Devices may not be capable of upgrading to later versions of ZigBee & DLMS, should they be required	Lack of non-functional specifications setting out headroom for future Device capabilities could increase the risk that Devices may not be capable of future upgrades.

## Action Plan

Action required	Start date	Update
1 Identify likely upgrade paths and requirements for each protocol	Q2 2019	Agree actions with TABASC.
2 Identify whether existing devices are likely to support minimum upgrade requirements	Q3 2019	Agree actions with TABASC.
3 Investigate support for modification	Q1 2019	Agree actions with TABASC.
4 Raise modification	Q2 2019	Agree actions with TABASC.



# Top Six Review – TABASC013



Title	Description
Smart metering business process deficiencies, including for later entrants	Disruption to orderly operation or reputational damage could be caused as a result of smart metering process deficiencies.

Action Plan	
Action required	Update
1    Transfer to Operations Group, if not already captured.	Agree with TABASC & OPSG.

# New Risk – TABASC019



Title	Description
Excessive volumes of alerts are being generated meaning real issues are difficult to identify	Suppliers and/or Network Operators may not be able to cope with the volume of alerts or identify real issues from noise. This could either lead to subsequent business processes failing or unnecessary actions being taken.

Action Plan				
	Action required	Start date	Date to be implemented	Mitigation Owner
1	Review of issues relating to volumes / scenarios impacting alerts	Q2 2019	Q2 2019	TABASC
2	Engage with Operations Group to allocate operational / architectural causes	Q2 2019	Q2 2019	TABASC
3	Determine future actions	Q2 2019	Q3 2019	TABASC

# Next Steps

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- If in agreement:
  - Deeper dive into the next tranche of risks
- Alternatively:
  - Investigate any queries
  - Agree alternative course of action