

ISSUE 80 MEETING 1 SUMMARY

MEETING NAME	Issue 80 Workgroup Meeting
Meeting number	1
Date of meeting	24 June 2019
Venue	Orange Room ELEXON Ltd, 4 th Floor, 350 Euston Road, London, NW1 3AW/Teleconference
Classification	Public

MEETING SUMMARY

1. Meeting Objectives

- 1.1 The purpose of our meeting was to:
- Identify the scale/impact of Issue 80
 - Review RfI responses
 - Explore potential solutions; and
 - Agree next steps

2. BSC Issue Process

- 2.1 ELEXON provided an overview of the BSC Issue process.

3. Issue 80 Purpose

- 3.1 The Workgroup (WG) considered the following to determine whether the current meter memory arrangements are an issue:
- Is there an issue with current meter memory?
 - What is the reason for making the change?
 - Is there a need to increase meter memory?
 - Who will it affect?
 - What's the extent of the problem?
 - What are the benefits?
 - What are the potential impacts?
- 3.2 Subject to WG recommendation a proposed solution could be progressed as a Change Proposal (CP) to change Outstation memory requirements within the BSC Code Subsidiary Documents (CSDs). A BSC Party will have to volunteer to sponsor the CP. In the event that a BSC Party does not volunteer ELEXON will raise the change on behalf of the Issue 80 WG.
- 3.3 An Issue 80 report on WG considerations will be submitted to the BSC Panel once further information from Outstation manufacturers has been sought.

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4. Background to Issue 80

4.1 The Proposer provided background information on the issue highlighting the below:

- The minimum data storage requirements within the metering Codes of Practice (CoPs) are now 30 years old and reflect the expectation of memory costs at that time
- Outstations are being produced with longer memory
- Increasing Outstation memory would be pragmatic and sensible, allowing Outstation to keep metered data for longer
- If a change is made it will not impact already installed Outstations just replacement Outstations
- The desire to increase Outstation memory has been discussed previously.

4.2 It's important to note that Ofgem is looking at possibly changing the Imbalance Settlement Period (ISP) to 15 minutes which could increase the number of Demand Periods (DPs) required to be stored by an Outstation (if they have to be aligned). Ofgem's decision is subject to a Cost Benefit Analysis (CBA) carried out every three years and the next CBA is due soon. The WG should consider the implications of the ISP changing to 15 minutes from the current 30 minutes.

5. Current Arrangements

5.1 ELEXON provided an overview of the current Outstation memory requirements.

6. Review of RfI Responses

6.1 The WG reviewed the RfI responses noting the below points:

- Most Outstations are sold with more memory than the minimum requirements
- CoPs 1 and 2 have higher materiality compared to the others. The WG should consider whether Outstation memory requirements should be the same for all Outstations and what value it should be at.
- There were no responses from Outstation manufacturers. ELEXON is to engage with Outstation manufacturers to determine impacts of the proposed change.
- The WG considered whether the CoPs should include a definitive number of channels i.e. 4 channels (import only site) and 6 channels (export/import site). Members noted that a change to the number of channels mandated for particular sites should be progressed separately from increasing Outstation memory. Note: CoP1 is the only CoP where all Measurement Quantities and Demand Values are mandatory (unless subject to a Metering Dispensation). CoPs 2, 3, 5 and 10 have optionality (*"Import or Export metering need only be installed where a Party requires this measurement to meet system or plant conditions").

7. What is the Issue?

7.1 The WG discussed whether Outstation memory is an issue. There should be a rationale for increasing Outstation memory. Members noted the below points:

- It takes time to resolve comms issues
- There are issues with lost data. This affects the Outstations of some manufacturers more than others.
- Some Outstations have 38 day minimum memory at 6 channels.

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- Engagement with Outstation manufacturers is required to determine whether there will be costs for changing the minimum Outstation memory requirements.
- If memory is increased who will be impacted. Engagement with Outstation manufacturers is required before progressing a solution.

8. Conclusions

8.1 The majority of the WG believe the current minimum Outstation memory is an issue because it takes it takes time to resolve comms issues and instances of lost data. In addition most meters are sold with more meter memory. The minimum requirements should therefore be increased.

8.2 The WG believed that the new minimum requirements should take into consideration the likely shortening of the Settlement timetable from the current 14 months (RF) to four months and the impact on existing Outstation types. The WG proposed the minimum Outstation memory requirements should be 250 days at 30 minutes for all CoPs to simplify processes and future proof the cost of change. This will allow for 125 days at 15 minutes should the 15 minutes ISP be implemented i.e. it will still cover four months.

- Should the change be progressed and implemented, manufacturers will be asked to confirm that their Outstations remain compliant.
- Some Outstation manufacturers will need time to redesign existing or develop new Outstation types to meet the new requirement so this should feed into the implementation timescale for a CP.
- The need to use up existing Outstation stock should feed into the implementation timescale for a CP.
- If changes are made to storage it could affect the length of the BSCP601 testing (if necessarily linked). Testing timescales related to storage will need consideration. This will feed into the implementation timescale for a CP.
- The Group also agreed that a separate CP be raised to update CoPs 3, 5 and 10 to have selectable DPs (30, 20, 15, 10 and 5 minutes) as per CoPs 1 and 2 and that BSCP601 should be amended to include a test to confirm this for CoPs 1, 2, 3, 5 and 10.
- The Workgroup recommended for CPs to be progressed on:
 1. Increasing the minimum Outstation memory requirements
 2. Mandating the number of channels to be used for data storage
 3. Selectable DPs for CoPs 3, 5, and 10 and testing for this requirement and for CoP1 and 2) in BSCP601.

9. Next Steps

- ELEXON is to engage with Outstation manufacturers to find out if they will be impacted by the proposed changes.
- ELEXON is to draft the Issue 80 Report and issue it to WG for review. The Issue 80 report is targeting the August BSC Panel meeting.

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- A proposed timeline for progressing the CP will be issued to the WG and is subject to the outcome from the Outstation manufacturer engagement.