**Section 1: Cover Sheet**

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| **1.1 RFC Title** | Uplift of GBCS for future release | | |
| **1.2 RFC Reference ID** | SMIP\_CR\_077 | | |
| **1.3 Related RFC Reference IDs** | RFC-063 | | |
| **1.4 RFC Initiator** | 1.4.1. SMIP party raising request | | BEIS |
|  | 1.4.2. Change Co-ordinator | | John Eager |
|  | 1.4.3 Contact Email Address | | john.eager@beis.gov.uk |
| **1.5 Products Impacted by RFC** | SEC Schedule 8 - GBCS v3.1  SEC Schedule 11 - TSAT | | |
| **1.6 Parties Impacted by RFC** | DCC, DCC partners, energy suppliers, equipment manufacturers, DNOs and other service users | | |
| **1.7 High Level Indicative Impact Assessment** | **Initial Assessment by RFC Requestor** | | |
| **1.7.1 Impact Level** | Medium | | |
| **1.7.2 Priority Level** | High | | |
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| **RFC Process Tracker** | | | |
| **RFC Process Step** | **Date Step Started** | **Date Step Finished** | |
| **Step 1 – Initiation** | 24/01/2019 |  | |
| **Step 2 – Validation** | 20/02/2019 |  | |
| **Step 3 – Impact Assessment** | 20/02/2019 |  | |
| **Step 4 – Decision Making** |  |  | |
| **Step 5 – Implementation** | 04/04/2019 (anticipated designation in SEC) |  | |

**Section 2: Detail of Proposed Change**

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| **2.1 RFC Summary** | GBCS v3.1 requires an uplift to reflect the addition of agreed BEIS Resolution Proposals (RPs) for inclusion in a future DCC release. |
| **2.2 Essential Background** | GBCS v3.0 was incorporated into the SEC on 1 February 2018 following consideration as part of RFC-063.  GBCS v3.1 was designated on 5 June 2018 following consideration under RFC-066 and that version superseded v3.0.  This RFC-077 proposes to uplift GBCS v3.1 with the inclusion of IRP569 and IRP595. This will create a GBCS v3.2. As GBCS v3.1 has never been used in production devices, all content will be removed from that specification.  This uplift will incorporate all currently known BEIS led technical documentation changes, ensuring that the Technical Specifications and GBCS are finalised for DCC to implement in the next available release in 2019.  Annex A provides details of the issue references for the additional IRPs. The IRPs have proposed a new GBCS Section 10.7.3 as shown in the GBCS v3.2 embedded at Annex B. A copy of the soon to be legacy version of the GBCS v3.1 is also embedded at Annex C.  There will also be consequential changes to SEC Schedule 11 - TS Applicability Tables (TSAT) showing the GBCS v3.2 superseding GBCS v3.1. We also propose to simplify the Table 4 of the TSAT that shows the GBCS version compatibility with CPA versions, by combining into just one table section. Finally, we propose to take the opportunity to change the term ‘CESG’ to ‘NCSC’ as this is the new name for the Government’s national technical authority for information assurance. These changes are included in the marked-up version of the TSAT at Annex D.  **Stakeholders are invited to comment on the inclusion of IRP569 and IRP595 as per Annex A into the GBCS as embedded at Annex B and the consequential changes proposed to the TSAT at Annex D and the superseded GBCS v3.1 at Annex C.**  **This RFC-077 proposes to designate the GBCS v3.2 and updated Schedule 11 - TSAT in early April 2019, subject to stakeholder consideration over a four-week period.**  **Responses to this RFC are invited by 20 March 2019** |
| **2.3 Options Summary** | 1. Do nothing and leave GBCS v3.1 as is (not viable as BEIS needs to complete its implementation of BEIS led IRPs).  2. Uplift documents nearer to, or just before, the DCC Release (rejected due to the timescales for the development of Devices and other DCC changes).  3. Designate GBCS as v3.2 in SEC to supersede v3.1, pursuant to stakeholder consideration, in April 2019 to provide clarity of content prior to an expected DCC Release later in the year. |
| **2.4 Recommended Option** | Option 3. Chosen as the most viable option for inclusion of the required IRPs and provide surety of content at the earliest opportunity.  GBCS v3.2 should be uplifted and designated along with the modified TSAT. |
| **2.5 Summary Impact Assessment of Recommended Option** | The Issue Resolution Proposals (IRPs): IRP596 and IRP595 listed at Annex 1, which form the new GBCS v3.2 Section 10.7.3, have been reviewed by relevant stakeholders during the resolution of each issue. The Issues Log (maintained in line with the BEIS Issues Management Process) provides a full audit trail for all changes set out in these documents in support of the RPs included. These are available to view by all stakeholders via the issues management process. A GBCS v3.2 ‘Release Note’ document, that explains the changes made section by section, is included at Annex E. |
| **2.6 Summary Impact Assessment of not adopting change** | Publishing specifications well in advance of the release live date provides necessary clarity of content to industry. There are no drawbacks from baselining the GBCS for release at this stage.  As the uplifted documents address defects in the text, or remove ambiguity, not publishing now may allow the perpetuation of errors in testing and / or device manufacture in increasing numbers as rollout volume increases.  Known errors will remain in the GBCS and DUIS, which might lead to potentially ambiguous behaviour in devices currently being developed. |
| **2.7 Other Recommended Next Steps (Optional)** | BEIS has reviewed these changes with stakeholders through the Issues Management Process, so further steps are not required. |

**Section 3: Individual Impact Assessments by other SEC Parties (if required)**

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| **3.1 SMIP Party carrying out Impact Assessment** | See section 4 |
| **3.2 Summary Impact Assessment** | See section 4 |

**Section 4: Summary of Impact Assessments**

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| **4.1 List of SEC Parties who completed Impact Assessments** | Tbc |
| **4.2 Summary Impact Assessment** | Tbc |
| **4.3 Initial Recommendation (Optional)** | Tbc |

**Section 5: Decision Making**

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| **5.1 Record of TBDG Review** | |
| **5.1.1 Further Analysis Required** | No |
| **5.1.2 Consensus Reached** | Tbc |
| **5.1.3 Record of BEIS (Chairperson) decision** | TBDG - tbc – will be added following TBDG meeting on 20 March 2019 |
| **5.1.4 Record of escalation choice made – route and date** | None |

**Section 6: Implementation**

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| **Implementation Actions** | Designate GBCS V3.2 |

**ANNEX A**

| **Issue Number** | **Ref No** | **Title** | **Date Published /**  **Date Closed by TSIRS** |
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| IRP569 v0\_2 | TS0891 | Network key changes related clarification | 28/09/2018 /  13/09/2018 |
| IRP595 V0\_2 | TS1052 | Query IRP569 on ZB implementation of keepalive timer | 18/01/2019 /  25/01/2019 |

**ANNEX B**



**ANNEX C**

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**ANNEX D**

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**ANNEX E**

