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| 1. **Agenda item 7** | | | | | | | | | | | | | | |
| **Agenda Item**  7 | | | Topic A: NGSO Orbital Tolerances | | | | | | | | | | | |
| **Working Group** | | | | 4 | | | **Sub-Working Group** | | | DG 7A | |
| **Coordinator** | Ting Ling Lee | | | | | | | **Email** | | | [tingling.lee@ses.com](mailto:tingling.lee@ses.com) | | | |
| **WP Chair** | Chen Fen Hong | | | | | | | **Email** | | | [chengfenhong@chinasatcom.com](mailto:chengfenhong@chinasatcom.com) | | | |
| **Report Date** | **5.4.2023** | | | | | | | | | | | | | |
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| 1. **APT** | | | | | | | | | | | | | | |
| **APT Preliminary Views**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **APT Views for modification of CPM Report**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **Outcome from earlier**  **APT Coord meeting** | | | | None | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Other regional groups** | | | | | | | | | | | | | | |
|  | | **ATU** | | | | **ASMG** | | | **CEPT** | | | **CITEL** | | **RCC** |
| **Input(s)** | | CPM23-2/[40 (ASMG/ARB)](https://www.itu.int/md/R19-CPM23.2-C-0040/en) | | | | CPM23-2/[139 (ATU/AFCP)](https://www.itu.int/md/R19-CPM23.2-C-0139/en) | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | CPM23-2/xxxx |
| **Summary of views/proposals** | | Modify Method A2 Option A to have fixed values as max orbital tolerances | | | | Modify Method A2 Option A to have fixed values as max orbital tolerances | | | None | | | None | | None |
|  | | | | | | | | | | | | | | |
| 1. **Summary of discussions during CPM23-2** | | | | | | | | | | | | | | |
| **Working documents/TEMPs etc** | | | | |  | | | | | | | | | |
| Meeting agreed to focus the discussion on the methods and not to discuss the values of the orbital tolerances. Proposals from inputs were merged into a [doc](https://extranet.itu.int/rsg-meetings/cpm/_layouts/15/WopiFrame.aspx?sourcedoc=%7B4CE783F1-9A14-4606-A191-EFB9FC77D05D%7D&file=Compiled%20Topic%20A%20CPM%20WD_R1_2%20Apr%20.docx&action=default). The meeting had discussed the sections related to Methods A3 and A4. Method A2 which involves a WRC Resolution, was revised such that now it has Option A (with 4 sub options relating to eccentricity and frequency range) and Option B (orbital elements are updated at the notification stage and involves 2 sets of tolerances). The draft CPM text (DT/38)will be approved at the SWG 4F level. | | | | | | | | | | | | | | |
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| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting** | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | |

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| 1. **Agenda item 7** | | | | | | | | | | | | | | |
| **Agenda Item**  7 | | | Topic B: Post milestone reporting | | | | | | | | | | | |
| **Working Group** | | | | 4 | | | **Sub-Working Group** | | | DG 7A | |
| **Coordinator** | Ting Ling Lee | | | | | | | **Email** | | | [tingling.lee@ses.com](mailto:tingling.lee@ses.com) | | | |
| **WP Chair** | Chen Fen Hong | | | | | | | **Email** | | | [chengfenhong@chinasatcom.com](mailto:chengfenhong@chinasatcom.com) | | | |
| **Report Date** | **5.4.2023** | | | | | | | | | | | | | |
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| 1. **APT** | | | | | | | | | | | | | | |
| **APT Preliminary Views**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **APT Views for modification of CPM Report**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **Outcome from earlier**  **APT Coord meeting** | | | | None | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Other regional groups** | | | | | | | | | | | | | | |
|  | | **ATU** | | | | **ASMG** | | | **CEPT** | | | **CITEL** | | **RCC** |
| **Input(s)** | | CPM23-2/[140 (ATU/AFCP)](https://www.itu.int/md/R19-CPM23.2-C-0140/en) | | | | CPM23-2/[41 (ASMG/ARB)](https://www.itu.int/md/R19-CPM23.2-C-0041/en) | | | CPM23-2/[8 (LUX/EUR)](https://www.itu.int/md/R19-CPM23.02-C-0008/en) | | | CPM23-2/xxxx | | CPM23-2/xxxx |
| **Summary of views/proposals** | | Modify Method B2 Option B2b. Relying only on No. 13.6 is insufficient | | | | Modify Method B2 Option B2b. Relying only on No. 13.6 is insufficient | | | Modify Method B2 Option B2a, support threshold of 95% and to delete Option B2b | | | None | | None |
|  | | | | | | | | | | | | | | |
| 1. **Summary of discussions during CPM23-2** | | | | | | | | | | | | | | |
| **Working documents/TEMPs etc** | | | | |  | | | | | | | | | |
| Regarding Method B2 which involves the application of a new Resolution to capture the post-milestone procedure, there were options to have the threshold of the number of satellites deployed, in terms of % or values (depending on the size of the constellation). Similar to Topic A, meeting agreed to focus the discussion on the methods and not to discuss the % or values, associated with the number of satellites deployed for the post milestone procedure. The draft CPM text ([DT/39](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R19-CPM23.2-230327-TD-0039)) will be approved at the SWG 4F level. | | | | | | | | | | | | | | |
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| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting** | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | |

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| 1. **Agenda item 7** | | | | | | | | | | | | | | |
| **Agenda Item**  7 | | | Topic F: Exclusion of feeder-link/uplink service & coverage areas in AP30A/30B | | | | | | | | | | | |
| **Working Group** | | | | 4 | | | **Sub-Working Group** | | | DG 7A | |
| **Coordinator** | Ting Ling Lee | | | | | | | **Email** | | | [tingling.lee@ses.com](mailto:tingling.lee@ses.com) | | | |
| **WP Chair** | Chen Fen Hong | | | | | | | **Email** | | | [chengfenhong@chinasatcom.com](mailto:chengfenhong@chinasatcom.com) | | | |
| **Report Date** | **5.4.2023** | | | | | | | | | | | | | |
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| 1. **APT** | | | | | | | | | | | | | | |
| **APT Preliminary Views**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **APT Views for modification of CPM Report**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **Outcome from earlier**  **APT Coord meeting** | | | | None | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Other regional groups** | | | | | | | | | | | | | | |
|  | | **ATU** | | | | **ASMG** | | | **CEPT** | | | **CITEL** | | **RCC** |
| **Input(s)** | | CPM23-2/xxxx | | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | CPM23-2/xxxx |
| **Summary of views/proposals** | | none | | | | none | | | none | | | none | | none |
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| 1. **Summary of discussions during CPM23-2** | | | | | | | | | | | | | | |
| **Working documents/TEMPs etc** | | | | |  | | | | | | | | | |
| [117(AsiaSat)](https://www.itu.int/md/R19-CPM23.2-C-0117/en), [179(J)](https://www.itu.int/md/R19-CPM23.2-C-0179/en) proposed improvements to Method F4, in particular to the regulatory text in Annex 1 and Annex 4 of Appendix 30A, to have better alignment with the intent of this Method. BR also provided suggestions on the regulatory text of the Methods to improve its precision. The draft CPM text ([DT/26](https://www.itu.int/dms_inf/itu-r/md/19/cpm23.2/td/230327/R19-CPM23.2-230327-TD-0026!!MSW-E.docx)) was approved at the SWG 4F level. | | | | | | | | | | | | | | |
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| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting** | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | |

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| 1. **Agenda item 7** | | | | | | | | | | | | | | |
| **Agenda Item**  7 | | | Topic G: Amendments to Res. 770 (WRC-19) | | | | | | | | | | | |
| **Working Group** | | | | 4 | | | **Sub-Working Group** | | | DG 7A | |
| **Coordinator** | Ting Ling Lee | | | | | | | **Email** | | | [tingling.lee@ses.com](mailto:tingling.lee@ses.com) | | | |
| **WP Chair** | Chen Fen Hong | | | | | | | **Email** | | | [chengfenhong@chinasatcom.com](mailto:chengfenhong@chinasatcom.com) | | | |
| **Report Date** | **5.4.2023** | | | | | | | | | | | | | |
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| 1. **APT** | | | | | | | | | | | | | | |
| **APT Preliminary Views**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **APT Views for modification of CPM Report**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **Outcome from earlier**  **APT Coord meeting** | | | | None | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Other regional groups** | | | | | | | | | | | | | | |
|  | | **ATU** | | | | **ASMG** | | | **CEPT** | | | **CITEL** | | **RCC** |
| **Input(s)** | | CPM23-2/xxxx | | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | CPM23-2/xxxx |
| **Summary of views/proposals** | | None | | | | None | | | None | | | None | | None |
|  | | | | | | | | | | | | | | |
| 1. **Summary of discussions during CPM23-2** | | | | | | | | | | | | | | |
| **Working documents/TEMPs etc** | | | | |  | | | | | | | | | |
| Input [191 (F)](https://www.itu.int/md/R19-CPM23.2-C-0191/en) which provided additional information required in the calculations of one of the Methods, was incorporated into the draft CPM text. No issues were raised. Doc CPM23-2/[244](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R19-CPM23.2-C-0244) was approved at Plenary level. | | | | | | | | | | | | | | |
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| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting** | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | |

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| 1. **Agenda item 7** | | | | | | | | | | | | | | |
| **Agenda Item**  7 | | | Topic H: Enhanced protection of RR Appendices 30/30A in R1&3 and RR Appendix 30B) | | | | | | | | | | | |
| **Working Group** | | | | 4 | | | **Sub-Working Group** | | | DG 7A | |
| **Coordinator** | Ting Ling Lee | | | | | | | **Email** | | | [tingling.lee@ses.com](mailto:tingling.lee@ses.com) | | | |
| **WP Chair** | Chen Fen Hong | | | | | | | **Email** | | | [chengfenhong@chinasatcom.com](mailto:chengfenhong@chinasatcom.com) | | | |
| **Report Date** | **5.4.2023** | | | | | | | | | | | | | |
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| 1. **APT** | | | | | | | | | | | | | | |
| **APT Preliminary Views**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **APT Views for modification of CPM Report**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **Outcome from earlier**  **APT Coord meeting** | | | | None | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Other regional groups** | | | | | | | | | | | | | | |
|  | | **ATU** | | | | **ASMG** | | | **CEPT** | | | **CITEL** | | **RCC** |
| **Input(s)** | | CPM23-2/xxxx | | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | CPM23-2/xxxx |
| **Summary of views/proposals** | | None | | | | None | | | None | | | None | | None |
|  | | | | | | | | | | | | | | |
| 1. **Summary of discussions during CPM23-2** | | | | | | | | | | | | | | |
| **Working documents/TEMPs etc** | | | | |  | | | | | | | | | |
| Input [180(J)](https://www.itu.int/md/R19-CPM23.2-C-0180/en) provided updates to the study on EPM degradation tolerance. Input [199(IRN)](https://www.itu.int/md/R19-CPM23.2-C-0199/en) proposed modifications 1) to remove the implicit agreement whereby the affecting network is a non planned FSS from Region 2 and 2) to Method H1C regarding the temporary agreement.  The meeting agreed that the proposal from Iran would form a new Method H1D, instead of being incorporated into Method H1C. BR had provided suggestions on the regulatory text of the Methods to improve its precision. Japan and Botswana (ATU) had agreement on appropriate updates to the section on the study on the EPM degradation tolerance. The draft CPM text ([DT/40](https://www.itu.int/dms_inf/itu-r/md/19/cpm23.2/td/230327/R19-CPM23.2-230327-TD-0040!!MSW-E.docx)) will be approved at the SWG 4F level. | | | | | | | | | | | | | | |
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| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting** | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | |

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| 1. **Agenda item 7** | | | | | | | | | | | | | | |
| **Agenda Item**  7 | | | Proposed new Topic: Protection of R1&3 BSS from R2 FSS | | | | | | | | | | | |
| **Working Group** | | | | 4 | | | **Sub-Working Group** | | | DG 7A | |
| **Coordinator** | Ting Ling Lee | | | | | | | **Email** | | | [tingling.lee@ses.com](mailto:tingling.lee@ses.com) | | | |
| **WP Chair** | Chen Fen Hong | | | | | | | **Email** | | | [chengfenhong@chinasatcom.com](mailto:chengfenhong@chinasatcom.com) | | | |
| **Report Date** | **5.4.2023** | | | | | | | | | | | | | |
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| 1. **APT** | | | | | | | | | | | | | | |
| **APT Preliminary Views**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **APT Views for modification of CPM Report**  CPM23-2/xxxx | | | | No submission to CPM23-2 | | | | | | | | | | |
| **Outcome from earlier**  **APT Coord meeting** | | | | None | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Other regional groups** | | | | | | | | | | | | | | |
|  | | **ATU** | | | | **ASMG** | | | **CEPT** | | | **CITEL** | | **RCC** |
| **Input(s)** | | CPM23-2/xxxx | | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | CPM23-2/xxxx |
| **Summary of views/proposals** | | None | | | | None | | | None | | | None | | None |
|  | | | | | | | | | | | | | | |
| 1. **Summary of discussions during CPM23-2** | | | | | | | | | | | | | | |
| **Working documents/TEMPs etc** | | | | |  | | | | | | | | | |
| Input [197(IRN)](https://www.itu.int/md/R19-CPM23.2-C-0197/en) mentioned that the high pfd values stemming from the operation of FSS in Region 2 over Regions 1 and 3 in the frequency band 11.7-12.2 GHz can severely impact on BSS Plan, List and its future development and proposed 2 Methods to address this matter.  Taking into account the views expressed on this matter, CPM23-2 decided not to include this new Topic in its final CPM report but instead included a reference to the Iranian input (see [DT/37](https://www.itu.int/dms_inf/itu-r/md/19/cpm23.2/td/230327/R19-CPM23.2-230327-TD-0037!!MSW-E.docx)). There was support at CPM23-2 for future studies of the issues raised to be conducted in ITU-R as early as in the June/July 2023 Working Party 4A meeting. | | | | | | | | | | | | | | |
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| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting** | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | |