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|  | ASIA-PACIFIC TELECOMMUNITY | Document No: |
| **The 6th Meeting of the APT Conference Preparatory Group for WRC-23 (APG23-6)** | **APG23-6/OUT-51** |
| 14 – 19 August 2023, Brisbane, Australia | 19 August 2023 |

Working Party 4

**APT VIEW and Preliminary APT Common Proposal**

**on WRC-23 agenda item 7 (TOPIC K)**

**Agenda Item 7:**

*to consider possible changes, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, on advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution* ***86 (Rev.WRC-07)****, in order to facilitate the rational, efficient and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit.*

# Topic K: MODs to Res. 553 (Rev.WRC-15)

1. Background Information

* Resolution **553 (Rev.WRC-15)** titled *Additional regulatory measures for broadcasting-satellite networks in the frequency band 21.4-22 GHz in Regions 1 and 3* has been adopted to enhance equitable access to this frequency band.
* Resolution **553 (Rev.WRC-15)** was adopted to provide a better situation regarding equitable access compared with the planning approach. As stated in *considering further a)* to this Resolution a priori planning for BSS networks in this frequency band was avoided as it *“freezes access according to technological assumptions at the time of planning and then prevents flexible use taking account of real world demand and technical developments”.*
* Unfortunately, the current provisions contradict the above objective of the Resolution and can permanently deprive administrations of being effectively benefited from the Resolution without even once having a notified network in this frequency band.
* Topic K under agenda item 7 of WRC-23 was established to remove certain restrictions in Resolution **553 (Rev.WRC-15)** that could prevent administrations from effectively using the Resolution. These restrictions can be summarized as follows:
* The restriction that makes the Resolution applicable only once by an administration regardless of whether that administration has succeeded in notifying the intended network.
* The restriction that prevents an administration to apply the Resolution if it has even one pending request under the normal procedure of coordination in the relevant frequency band.

**Information on on-going ITU-R Study**

* The CPM23-2 meeting (27 March – 6 April 2023) considered one input contribution towards the finalization of the draft CPM text as Annex 36 to Chairman’s Report (Document 4A/856 [Annex 36](https://www.itu.int/dms_ties/itu-r/md/19/wp4a/c/R19-WP4A-C-0856!N36!MSW-E.docx)) that proposed modifications to Method K2 to allow administrations apply Resolution **553 (Rev.WRC-15)** through withdrawal or modification of the previous submissions.
* The meeting agreed to the proposal to modify Method K2 and finalized the two methods to address this topic as contained in the [final CPM Report](https://www.itu.int/dms_pub/itu-r/md/19/cpm23.2/r/R19-CPM23.2-R-0001!!MSW-E.docx), as follows:

**Method** **K1** No changes to Resolution **553 (Rev.WRC-15).**

**Method** **K2** This method proposes to modify paragraphs 1 and 2 of the Attachment to Resolution **553 (Rev.WRC-15)** to remove the intended restrictions in the Resolution.

2. Documents

* **Input Document(s):** [INP-39](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-39_Japan_WP4_Views_WRC-23_Agenda_Item_7.docx) (J), [INP-61](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-61_Thailand_WP4_PACP_WRC-23_Agenda_Items.docx) (THA), [INP-68](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-68_Iran_WP4_Preliminary_Views_on_WRC-23_Agenda_Items.docx) (IRN), [INP-83](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-83_Australia_WP4_PACP_WRC-23_Agenda_Items.docx) (AUS), [INP-90 Rev.1](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-90R1_KOR_WP4_PACP_WRC-23_Agenda_Items.docx) (KOR), [INP-106](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-106_China_WP4_PACP_WRC-23_Agenda_Items.docx) (CHN), [INP-112](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-112_Malaysia_WP4_PACP_WRC-23_Agenda_Items.docx) (MLA), [INP-120](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-120_VietNam_WP4_PACP_WRC-23_Agenda_Items.docx) (VTN)
* **Information Document(s):** [INF-35](https://www.apt.int/sites/default/files/2023/08/APG23-6-INF-35_Brief_on_AI_7.docx) (DG 7 Chairs), [INP-45](https://www.apt.int/sites/default/files/2023/08/APG23-6-INF-45_Status_of_RCC_preparation_to_WRC-23.pdf) (RCC), [INF-46](https://www.apt.int/sites/default/files/2023/08/APG23-6-INF-46_Status_of_CEPT_preparation_for_WRC-23_and_RA-23.pdf) (CEPT)

3. Summary of discussions

3.1 Summary of APT Members’ views

3.1.1 Japan - Document APG23-6/[INP-39](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-39_Japan_WP4_Views_WRC-23_Agenda_Item_7.docx)

* Japan supports Method K2 in the CPM Report.

3.1.2 Thailand (Kingdom of) - Document APG23-6/[INP-61](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-61_Thailand_WP4_PACP_WRC-23_Agenda_Items.docx)

* Thailand supports Method K2 in the CPM Report to modify paragraphs 1 and 2 of the Attachment to Resolution **553 (Rev.WRC-15)** to remove the intended restrictions in this Resolution.



3.1.3 Iran (Islamic Republic of) - Document APG23-6/[INP-68](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-68_Iran_WP4_Preliminary_Views_on_WRC-23_Agenda_Items.docx)

* Islamic Republic of Iran supports Method K2 in the CPM Report to address this topic.
* Islamic Republic of Iran is of the view that the modifications proposed to satisfy Topic K will enhance equitable access to the frequency band 21.4-22 GHz.
* Based on the result of the ITU-R studies, Islamic Republic of Iran is of the view that the proposed modifications will not adversely affect existing allocations and services due to the following reasons:
  + According to the current provisions, an administration can notify a maximum of one network under the special procedure and this limitation will remain.
  + According to the current provisions, administrations with notified networks in the relevant frequency band are not eligible to apply the Resolution and this limitation will remain.
* Islamic Republic of Iran proposes a Preliminary APT Common Proposal for Method K2 in the CPM Report as follows:



3.1.4 Australia - Document APG23-6/[INP-83](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-83_Australia_WP4_PACP_WRC-23_Agenda_Items.docx)

* Australia can accept additional flexibility in access to Resolution 553 procedure for administrations that have not completed the procedure successfully, provided unintentional consequences are avoided.
* Australia does not propose a Preliminary APT Common Proposal for this topic.

3.1.5 Korea (Republic of) - Document APG23-6/[INP-90 Rev.1](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-90R1_KOR_WP4_PACP_WRC-23_Agenda_Items.docx)

* As the Republic of Korea supports modifications to Resolution **553 (Rev. WRC-15)** to remove certain restrictions that prevent administrations from taking effective advantage of the Resolution, among the methods presented in the CPM Report, Method K2 is supported.

3.1.6 China (People’s Republic of) - Document APG23-6/[INP-106](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-106_China_WP4_PACP_WRC-23_Agenda_Items.docx)

* China supports the modification of the Attachment to Resolution **553 (Rev.WRC-15)** to remove certain restrictions in the Resolution that could prevent administrations from effectively using the Resolution, under **Method K2**.

3.1.7 Malaysia - Document APG23-6/[INP-112](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-112_Malaysia_WP4_PACP_WRC-23_Agenda_Items.docx)

* Malaysia supports **Method K2** for the modification to Resolution **553 (Rev.WRC-15)** to remove certain restrictions in the Resolution that could prevent administrations from effectively using the Resolution.

3.1.8 Vietnam (Socialist Republic of) - Document APG23-6/[INP-120](https://www.apt.int/sites/default/files/2023/08/APG23-6-INP-120_VietNam_WP4_PACP_WRC-23_Agenda_Items.docx)

* Vietnam supports method K2 which proposes to modify paragraphs 1 and 2 of the Attachment to Resolution **553 (Rev.WRC-15)** to remove the intended restrictions in the Resolution.
* *Reason: To remove the difficulties and restrictions when applies this Resolution:* 
  + *restriction prevents an administration from applying the Resolution if it had already a submission under the Resolution that was not notified before the ITU deadline.*
  + *restriction makes Resolution* ***553 (Rev.WRC-15)*** *not applicable by an administration that has networks successfully examined under RR No.* ***9.34*** *and published under RR No.* ***9.38*** *in the relevant frequency band.*

3.2 Summary of issues raised during the meeting

* Some APT Members can accept additional flexibility in access to Resolution **553 (Rev.WRC-15)**procedure for administrations that have not completed the procedure successfully, provided unintentional consequences are avoided.

4. APT View(s)

* The APT has considered Agenda Item 7 Topic K and drafted a Preliminary APT Common Proposal on the matter. In addition, the APT has agreed on the following views on Agenda Item 7 Topic K.
* APT Members supports Method K2 in the CPM Report to address this topic.

5. Preliminary APT Common Proposal



6. Issues for Consideration at APG Coordination Meeting at WRC-23 (if any)

* None.

7. Views from Other Organisations

7.1 Regional Groups

7.1.1 ASMG – Document WRC-23-IRW-22/[5](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R19-2WSHWRC23-C-0005) (as of December 2022)

* Follow-up studies to modify Resolution **553 (Rev.WRC-15)** to ensure equitable access to the 22- 21.4 GHz frequency band.

7.1.2 ATU – Document WRC-23- IRW-22/[2](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R19-2WSHWRC23-C-0002) (as of December 2022)

* Support the proposals mentioned in the current working document.
* Examine the Resolution 553 (Rev. WRC-15) with a view of finding any other modification which can help African countries to benefit from the Resolution.

7.1.3 CEPT – Document APG23-6/[INF-46](https://www.apt.int/sites/default/files/2023/08/APG23-6-INF-46_Status_of_CEPT_preparation_for_WRC-23_and_RA-23.pdf)

* CEPT supports the possibility to apply the special procedure of Resolution **553 (Rev. WRC-15)** again if the requesting administration fails to bring into use a network even if the special procedure of Resolution **553 (Rev. WRC-15)** was previously requested.
* CEPT supports the possibility to also apply the special procedure of Resolution **553 (Rev. WRC-15)** once if the requesting administration has at maximum one network successfully examined under No. **9.34** and published under No. **9.38** for the frequency band 21.4-22 GHz and at the same orbital position(s) as the network to which the special procedure is to be applied.

7.1.4 CITEL – Document APG23-6/[INF-52](https://www.apt.int/sites/default/files/2023/08/APG23-6-INF-52_CITEL_preparation_for_WRC-23.pdf)

* None.

7.1.5 RCC – Document APG23-6/[INF-45](https://www.apt.int/sites/default/files/2023/08/APG23-6-INF-45_Status_of_RCC_preparation_to_WRC-23.pdf)

* Modifications to Resolution **553 (Rev. WRC-15)** to eliminate some restrictions that prevent the effective use of this Resolution by administrations.
* Support Method K2 of the CPM Report and do not oppose to modify Resolution **553 (WRC-15)** to ensure equitable access to the frequency band 21.4–22 GHz.

7.2. Position of International Organizations (if available)

7.2.1 IARU R3 (as of August 2023)

* None.

7.2.2 ICAO – Document WRC-23-IRW-22/[8](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R19-2WSHWRC23-C-0008)

* None.

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