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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-49** |
| 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 I)**

**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 I: Special agreements under RR Appendix 30B

## 1. Background Information

* When an administration intends to convert an allotment into an assignment or when an administration, or one acting on behalf of a group of named administrations, intends to introduce an additional system or modify the characteristics of assignments in the List that have been brought into use in RR Appendix **30B**, the administration shall submit to the Radiocommunication Bureau all required information as specified in RR Appendix **4**. Then, the Bureau determines administrations whose allotments in the Plan, or assignments in the List or pending assignments are considered as being affected by this assignment under § 6.5 of RR Appendix **30B**.
* Affected administrations have 4 months after the publication of the Special Section of this assignment to comment it (§ 6.10) plus an additional period of 1 month subject to application of § 6.13. If, after this period, despite several reminders sent by the Bureau (i.e., § 6.9, § 6.11, § 6.14, § 6.14*bis*), the affected administration has not given a decision, this administration is considered as given its implicit agreement to this assignment under § 6.15.
* At the time of the Part B submission of this assignment under § 6.17 or § 6.25, as appropriate, the final characteristics of this assignment could impact the overall aggregate carrier-to-interference levels of the allotment of the administration which didn’t give their decision in due time. These overall aggregate carrier-to-interference levels are used to determine the protection of this allotment or assignment for future submissions under § 6.1 and if an allotment can still be put into operation with decent services. Implicit agreements could lead to a situation that no decent services can be provided because of very low overall aggregate carrier-to-interference levels.
* It is also important to note that the same consequence would occur if the affected administration signed an explicit agreement and the targeting area for the assignment submitted under § 6.1 is close to the territory of this administration which signed an explicit agreement.

**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 34 to Chairman’s Report (Document 4A/856 [Annex 34](https://www.itu.int/dms_ties/itu-r/md/19/wp4a/c/R19-WP4A-C-0856!N34!MSW-E.docx)) that proposed modifications to Method I1 to clarify that, a special agreement between a national allotment and a proposed assignment should remain in effect until the national allotment has been brought into use, and the administration of the proposed assignment commits to comply with section 2.2 of Annex 4 to RR Appendix **30B** regarding pfd levels over the territory of the national allotment from the moment that said allotment is brought into use.
* The meeting agreed to the proposal to modify Method I2 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 **I1** No changes to the Radio Regulations.

Method **I2** Proposes to:

– define a new type of agreement between a notifying administration of a national allotment and of an assignment, respectively. Under such agreement, the administration of the national allotment allows the assignment to operate until the bringing into use of its national allotment. At that time, the administration of the assignment commits to respect the section 2.2 of Annex 4 pfd levels over the territory of the national allotment. As the national allotment and the assignment will not operate simultaneously the same frequency over the same area, mutual interference is not considered.

– develop a new Resolution allowing the notifying administration of a national allotment, subject to agreements under § 6.15 of RR Appendix 30B:

* + - to sign this new type of agreement with the notifying administration of the concerned assignments;
    - to request the Bureau to update the reference situation without reviewing the previous examinations, and
    - to request the notifying administrations of assignments for which the procedures of Article 6 of RR Appendix 30B have not yet been completed and which have been examined by the Bureau before the signature of such agreement to make their utmost efforts to take into account the new reference situation of this national allotment.

This method recognizes the special agreements being envisioned. Such special agreement would allow an additional system that would otherwise affect RR Appendix **30B** Plan allotments to go forward with the understanding that at the time those otherwise affected allotments are brought into use, the additional system would take the necessary steps to protect them.

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

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 I2 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 I2 in the CPM Report in which a new type of agreement between notifying administrations of a national allotment and of an assignment is defined while the administration of the assignment commits to respect pfd levels under § 2.2 of Annex 4 **(Rev.WRC-19)** of Appendix **30B (Rev.WRC-19)** over the territory of the national allotment, while developing a new Resolution subject to agreements under § 6.15 of RR Appendix **30B** **(Rev.WRC-19)** to sign the new type of agreement, to request the Bureau to update the reference situation without reviewing the previous examination, and to request the notifying administrations of assignments for which the procedures of Article 6 of RR Appendix **30B** have not yet been completed and which have been examined by the Bureau before the signature of such agreement to make their utmost efforts to take into account the new reference situation of this national allotment.



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 the Method I2, as contained in the draft CPM 23-2 Report.
* Islamic Republic of Iran proposes a Preliminary APT Common Proposal for Method I2 in the CPM Report as follows:



* However, if the consensus is not emerged at WRC-23 for Method I2, this administration has no objection to Method I1 (NOC).

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 is yet to arrive at a position on agenda item 7, Topic I. Australia is continuing to monitor developments.
* 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 defining a new type of agreement between notifying administrations of a national allotment and of an assignment, respectively, among the methods presented in the CPM Report, Method I2 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 Method I2 in the CPM Report to address this topic, which propose to define a new type of agreement *between* notifying administrations of a national allotment and of an assignment, respectively, and to develop a new Resolution allowing the notifying administration of a national allotment, subject to agreements under § 6.15 of RR Appendix **30B**.

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 I2 to define a new type of agreement between notifying administrations of a national allotment and an additional system in Appendix **30B**, that allows the additional system to cover the territory of a national allotment in Appendix **30B** until the bringing into use of the national allotment in Appendix **30B**.

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 I2 which facilitate to restore adequate overall aggregate carrier-to-interference levels without changing the orbital position of the national allotment.
* *Reason: To resolve the cases of some national allotments currently possess low overall aggregate carrier-to-interference levels, lower than 21 dB.*

3.2 Summary of issues raised during the meeting

* None.

4. APT View(s)

* The APT has considered Agenda Item 7 Topic I 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 I.
* APT Members support Method I2 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 to studies related to this item to consider the possibility of applying additional measures to national allotments subject to agreements under § 15.16 of Appendix **30B** to restore the appropriate overall aggregate carrier-to-interference without altering the orbital position of the national allotments.

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 development of specific measures/regulatory text to restore adequate overall aggregate carrier-to-interference levels without changing the orbital position of the national allotment.
* Support the development of a new WRC Resolution allowing national allotment, subject to agreements under § 6.15 of RR Appendix **30B**, according to the proposal submitted to WP 4A in document 4A/641
* Support Method I2
* Mandate WG4B to prepare the common African contribution proposing CPM text of the Topic to the next Working Party 4A.

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 a regulatory solution based on a specific agreement, on a voluntary basis, allowing an administration suffering from low reference protection margin for its national allotment in Appendix **30B** due to agreements under § 6.15 to retrieve adequate reference protection margin.
* CEPT supports the possibility to sign a specific agreement between an additional system and a national allotment in Appendix **30B** permitting the additional system to cover the territory of the national allotment in Appendix **30B** until the bringing into use of this national allotment in Appendix **30B**.
* CEPT supports the adaptation of the additional system operations to not create harmful interference and to fully protect the operations of the national allotment with which the specific agreement was signed.
* CEPT encourages administrations for which § 6.15 of Appendix **30B** has been applied with respect to a national allotment, to cooperate and consider signing such a specific agreement.

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)

**Draft Inter-American Proposal (DIAP)**

Some Administrations supports:

* Introducing a new type of agreement between a notifying administration of a national allotment and of an assignment, respectively. Pursuant to that agreement, the national allotment administration allows the assignment to function until the commissioning of its national allotment. At that time, the administration of the assignment undertakes to respect the pfd levels of section 2.2 of Annex 4 in the territory of the national assignment.
* Adding a new Resolution [7(I)-SPECIAL-AGREEMENT] allowing the notifying administration of a national allotment to sign the new type of agreement referred to above, to request the BR to update the reference situation without reviewing the previous examinations and to request the notifying administrations for which the procedures of Article 6 of RR Appendix 30B have not yet been completed and which have been examined by the BR before the signature of such agreement to make their utmost efforts to take into account the new reference situation of this national allotment, based on Method I2 of the CPM report for Topic I.

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)

* No objection to develop regulatory provisions to RR Appendix 30B, allowing administrations to conclude special agreements in accordance with § 6.5 of RR Appendix 30B, with respect to their allotments in the Plan. Special agreement should remain in force until the national allotment is brought into use, whereby the administration of the proposed assignment undertakes to comply with Section 2.2 of Annex 4 of RR Appendix 30B on pfd levels in the territory of the national allotment since the national allotment has been brought into use.
* Support the method based on Method I2 of the CPM Report.

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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