**Report of the Agenda Item 1.4 Coordinator during CPM19-2**

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Report Date: 21 February 2019

1. **Agenda Item 1.4**

*“to consider the results of studies in accordance with Resolution* ***557 (WRC-15)****, and review, and revise if necessary, the limitations mentioned in Annex 7 to Appendix* ***30 (Rev.WRC-15)****, while ensuring the protection of, and without imposing additional constraints on, assignments in the Plan and the List and the future development of the broadcasting-satellite service within the Plan, and existing and planned fixed-satellite service networks”.*

*Resolution* ***557 (WRC-15)*** - *Consideration of possible revision of Annex 7 to Appendix* ***30*** *of the Radio Regulations.*

1. **APT Preliminary Views and/or APT Views for the modification of draft CPM Report (Doc:** [**APG19-4/OUT-20**](../../../../../Meetings%20-%20APT%20/APG19-4%20-%20Busan%20South%20Korea/APG19-4%20OUT/APG19-4-OUT-20_PV_AI1.4.docx)**) on the Agenda Item**

“APT Members are of the view to support ITU-R studies and that any possible revision of the limitations of Annex 7 to Radio Regulations Appendix **30 (Rev.WRC-15)** under Resolution **557 (WRC-15)** should not impose undue constraints on current and future FSS/BSS usage in the 11.7 – 12.7 GHz frequency band for Region 3.”

1. **Topics proposed by other regional Groups or ITU Members which are not included in no. 2 above:**

Input documents from other ITU Members are:

Doc. [1+c1](R15-CPM19.02-C-0155!!MSW-E.docx), [11](https://www.itu.int/md/R15-CPM19.02-C-0011/en) (CEPT), [58](https://www.itu.int/md/R15-CPM19.02-C-0058/en) (ATU), [62](https://www.itu.int/md/R15-CPM19.02-C-0062/en) (RCC), [155](https://www.itu.int/md/R15-CPM19.02-C-0155) (F/LUX), and

[160](https://www.itu.int/md/R15-CPM19.02-C-0160) (ALG/BHR/EGY/IRQ/JOR/KWT/OMA/ARS/SDN/TUN/UAE).

Based on the above input document, the DG chairman generated consolidated document as input to the CPM text: [Consolidated CPM Text A.I. 1.4](../../../WP3/AI1.4/WG%20Doc%20AI1.4/Consolidated%20CPM%20Text%20A.I.%201.4%20-%20Sections%201%20to%203.docx)

WG3 has established SWG 3a to address agenda item 1.4. The SWG 3a has met 3 times. All input contribution has been introduced and the following were discussed during the meeting:

1. Presentation of input document 1+c1, 11, 58, 62, 155, and 160.
2. Three methods:

Method A: No change to Annex 7 to RR Appendix **30**

Method B: Deletion of some limitations of Annex 7 and addition of draft new Resolutions [A14‑LIMITA3] (WRC-19), [B14-PRIORITY] (WRC-19)

Method C: Deletion of some limitations of Annex 7, addition of draft new Resolutions [A14-LIMITA3] (WRC-19), [B14-PRIORITY] (WRC-19) and application of draft new Resolution [C14-LIMITA1A2] (WRC-19) with revised criteria for protection of future BSS networks with respect to limitations “A1a” and “A2a”

1. Method A:

Some administrations had a difficulty to include this method because it contradicts the Resolution adopted to this agenda item.

Therefore, they propose the deletion of these methods or relocate to another section (TBD) as it cannot be indicated in the Methods to satisfy the agenda item Section.

1. Method B:

This method proposes to delete some limitations of Annex 7 to RR Appendix **30**:

* limitations “A1a”, “A2a”, “A2b”, “A3b”, and “A3c”;
* limitation “A3a” accompanied by proposed Resolution **[A14 LIMITA3] (WRC-19)** to guarantee the protection of frequency assignments with earth station receiving antenna size smaller than 60 cm (40 cm and 45 cm), in accordance with the criteria of RR Appendix **30 (Rev.WRC-15)**.

This method proposes to retain limitations “A1b”, “A2c” and “B”.

1. Method C:

This method proposes to delete some limitations of Annex 7 to RR Appendix **30**:

* limitations “A1a” and “A2a” and the application of draft new Resolution **[C14-LIMIT-A1A2] (WRC-19)** with revised criteria for protection of future BSS networks;
* limitations “A2b”, “A3b”, “A3c”;
* limitations “A3a” accompanied by draft new Resolution **[A14-LIMITA3] (WRC-19)** to guarantee the protection of frequency assignments with earth station receiving antenna size smaller than 60 cm (40 cm and 45 cm), in accordance with the criteria of RR Appendix **30 (Rev.WRC-15)**.

This method also proposes:

* to retain limitations “A1b”, “A2c” and “B”.
* the application of draft new Resolution **[B14-PRIORITY] (WRC-19)** after the removal of the relevant limitations in Annex 7 to RR Appendix **30** **(Rev.WRC-15)**, giving priority to national assignments in the Regions 1 and 3 Plan with equivalent downlink protection margin values equal or below −10 dB.
* suppression of Resolution **557 (WRC-15)**.

1. **Progress of discussion during CPM19-2 on the Agenda Item**
2. SWG 3a agree to delete Method A and to combine Method B and C into single Method contained in the proposal of the new Resolution.
3. Proposal on the new Resolution, with regards to the § 7.1 *a)*, 7.2.1 *a),* 7.2.1 *b)* and 7.2.1 *c)* of Article 7 of Appendix **30**, on the need of coordination between FSS (space-to-Earth) Region 2 with Region 1 broadcasting satellite station using a frequency assignment in the 11.7-12.2 GHz with an orbital position further west than 37.2° W and with minimum geocentric orbital separation less than 2 degrees (TBR, not concluded yet and therefore being discussed as “certain orbital separation”): “the conditions contained in Annex 4 to Appendix **30** are to be replaced by the conditions in **Annex 1** of this proposed Resolution”.
4. Proposal on new resolution, with regards to the §7.1 *a)*, 7.2.1 *b)* and 7.2.1 *c)* of Article 7 of Appendix **30**, for identification of the need for coordination of a transmitting space station in the fixed-satellite service (FSS) (space-to-Earth) of Region 1 with Region 2 broadcasting-satellite station using a frequency assignment in the frequency band 12.5-12.7 GHz with an orbital position further east than 54° W and with minimum geocentric orbital separation less than 1.8 degrees (TBR, not concluded yet and therefore being discussed as “certain orbital separation”) and not within its clusters in the Region 2 Plan of Appendix **30**: “the conditions contained in Annex 4 to Appendix **30** are replaced by the conditions in **Annex 2** to this proposed Resolution”.
5. For any orbital separation greater or equal to point b and c above, the conditions contained in Annex 4 to Appendix **30** continue to apply.
6. Majority discussion of the proposal on new resolution has been completed, and it is anticipated that completion on the proposal on new resolution document should be by Monday 25 Feb 2019.
7. APT Members’ view to support ITU-R studies and that any possible revision of the limitations of Annex 7 to Radio Regulations Appendix **30 (Rev.WRC-15)** under Resolution **557 (WRC-15)** should not impose undue constraints on current and future FSS/BSS usage in the 11.7 – 12.7 GHz frequency band for Region 3 are protected, because the proposed new Resolution is limited to Region 1 and 2.
8. Other discussion regarding the date the new Resolution come into force (Article 59) were proposed to be extended beyond 90 days (expected to be by 17 Feb 2019) in order to accommodate BR’s time in preparing the administrative process post WRC19 as a result of this proposal.
9. **Issues which require discussion at APG Coordination meeting and seek guidance thereafter**

None.

*Note: Coordinators are encouraged to conduct informal consultation with interested APT Members on the issues/topics under no. 3 and inform the outcomes of consultation to the Coordination Meeting*.