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

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1. Agenda Item

WRC-19 agenda item 9.1, issue 9.1.9, in accordance with Resolution 162 (WRC-15), invites ITU-R to conduct studies relating to spectrum needs and possible allocation of the frequency band 51.4-52.4 GHz to the fixed-satellite service (Earth-to-space) limited to feeder links for geostationary satellite orbit use.

1. APT Preliminary Views and/or APT Views for the modification of draft CPM Report (which was submitted to CPM19-2) on the Agenda Item

**APT Preliminary Views:**

APT Members support the possibility of an allocation to the fixed-satellite service (Earth-to-space) in the frequency band 51.4-52.4 GHz limited to FSS gateway links for geostationary orbit use while protecting currently allocated services in the same frequency band and in adjacent frequency bands.

APT Members are of the view that further review is required for the proposed unwanted emission limits for the FSS in Resolution 750 (Rev.WRC-15).

**APT Views for the modification of draft CPM Report:**

For the draft CPM Report, APT proposes to modify footnote 5.A919 to clarify that new allocation is limited to the fixed-satellite service which earth stations antenna diameter is equal to or bigger than 4.5 meters, instead of using “gateway links”.

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

**18 (WMO):**

WMO is not opposed to the possible allocation of the frequency band 51.4-52.4 GHz to the FSS (E-s) provided that protection of EESS (passive) in the bands 50.2-50.4 GHz and 52.6-54.25 GHz is ensured.

WMO requests that the necessary FSS unwanted emission limits be established to ensure the protection of all current and future EESS (passive) sensors. This may be accomplished by the establishment of appropriate limits in Resolution 750 (rev. WRC-15).

Furthermore, WMO would appreciate the development of a solution to ensure the continued operation of the ground-based radiometers in the 50.4-51.4 GHz frequency band.

**23 (IUCAF the Scientific Committee on Frequency Allocations for Radio Astronomy and Space Science):**

IUCAF input documents propose to reflect the size of coordination distances needed to protect RAS (10-100km) in compatibility studies [PRELIMINARY DRAFT NEW REPORT ITU-R S.[SPECTRUM\_SHARING]](https://www.itu.int/md/R15-WP4A-C-0826/en) (4A/826 Annex 3).

**106 (F):**

France input document proposes to remain the worst case limits for Option 1A which protects NGSO EESS (passive) and delete the range of the limits, and remove Option 1B which protects GSO EESS (passive) because it raises challenges difficult to overcome in time for the WRC-19 given that it involves coordination requirements between different services in adjacent bands.

**123 (China):**

China input document proposes to do some modifications the Resolution 750 to protect the GSO EESS (passive) service working in the adjacent band 52.6-54.25 GHz.

1. Progress of discussion during CPM19-2 on the Agenda Item

DG of Issue 9.1.9 met once on Monday. Since the absence of IUCAF and WMO delegates, only input documents from APT, France and China were introduced and discussed. The modification to the CPM text proposed by APT was accepted by the meeting. Also the meeting agreed to delete Option 2A and accepted the modification to Resolution 750.

Next meeting is scheduled in the third session on Wednesday. Input documents from IUCAF and WMO will be introduced and the consolidation CPM text will be discussed into details.

1. 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*.