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

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1. **Agenda Item**

*1.13 to consider identification of frequency bands for the future development of International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution* ***238 (WRC 15)****;*

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**

*See the Attachment*

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

The completely new elements proposed for the CPM Report are as follows:

* New sharing and compatibility studies in the frequency ranges 45.5-47 GHz and 66-71 GHz – see Documents [CPM19-2/151](https://www.itu.int/md/R15-CPM19.02-C-0151/en), [152](https://www.itu.int/md/R15-CPM19.02-C-0152/en), [153](https://www.itu.int/md/R15-CPM19.02-C-0153/en), [182](https://www.itu.int/md/R15-CPM19.02-C-0182/en), [183](https://www.itu.int/md/R15-CPM19.02-C-0183/en) and [186](https://www.itu.int/md/R15-CPM19.02-C-0186/en),
* A new method, Method C3 (Identification of the frequency band 37-40.5 GHz for IMT except Region 1 and provide a common 2 GHz of spectrum to the FSS throughout Region 1) – see Document [CPM19-2/173](https://www.itu.int/md/R15-CPM19.02-C-0173/en),
* New sub-options/options under the Conditions for protection measures for the FSS (space-to-Earth) – see Document [CPM19-2/174](https://www.itu.int/md/R15-CPM19.02-C-0174/en),
* A new condition, Conditions E2d/I2d (Measures related to transmitting earth stations in the FSS (Earth-to-space) at known locations) – see Document [CPM19-2/188](https://www.itu.int/md/R15-CPM19.02-C-0188/en),
* New methods, Methods F1a/G1a (NOC, No further study) and F1b/G1b (NOC, Proposal for further ITU-R study) – See Document [CPM19-2/145](https://www.itu.int/md/R15-CPM19.02-C-0145/en).
1. **Progress of discussion during CPM19-2 on the Agenda Item**

“SWG 2a – ai 1.13” has started review of the compilation document in the following orders:

* Section 3 🡪 completed, except for the text related to the EESS (passive) in the 23.4-24 GHz and 36-37 GHz bands as wells as that related to the new studies
* Alternative 1/2 text for section 4 🡪 will keep both alternatives unless a new magic solution
* Section 4.11 (71-76 GHz) 🡪 Currently under review
* Section 4.12 (81-86 GHz)
* Section 4.10 (66-71 GHz)
* Section 4.1 (24.25-27.5 GHz)
* Section 4.3 (37-40.5 GHz)
* Section 4.4 (40.5-42.5 GHz)
* Section 4.5 (42.5-43.5 GHz)
1. **Issues which require discussion at APG Coordination meeting and seek guidance thereafter**
* Under Condition A2a (Protection measures for the EESS (passive) in the 23.6-24 GHz frequency band), APT Members support Option 1 in the Draft CPM Report (to revise Table 1-1 of Resolution **750 (Rev.WRC-15)**).
* *Should the APT coordinator proactively support the proposals on deletion of Option 2 (see Document* [*CPM19-2/73*](https://www.itu.int/md/R15-CPM19.02-C-0073/en)*) and Option 3 (see Documents* [*CPM19-2/32*](https://www.itu.int/md/R15-CPM19.02-C-0032/en)*,* [*73*](https://www.itu.int/md/R15-CPM19.02-C-0073/en)*,* [*115*](https://www.itu.int/md/R15-CPM19.02-C-0115/en)*,* [*150*](https://www.itu.int/md/R15-CPM19.02-C-0150/en) *and* [*176*](https://www.itu.int/md/R15-CPM19.02-C-0176/en)*) under Condition A2a in the meeting?*
* Do we need a mailing list dedicated to agenda item 1.13 for APT members as a tool for information sharing/gathering in a timely manner?

*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*.

Attachment

**APT Preliminary View(s) for WRC-19 agenda item 1.13**

APT Members support the consideration of additional frequency bands for International Mobile Telecommunications (IMT), including possible additional mobile allocations on a primary basis, in accordance with Resolution **238 (WRC-15)**.

APT Members also support ITU-R studies on spectrum needs for the terrestrial component of IMT and sharing and compatibility studies in accordance with Resolution **238 (WRC-15)**.

Regarding the overlapping issue of the frequency bands within the scope of agenda item 1.13 associated with Resolution **238 (WRC-15)** and those within the scope of agenda items 1.6, 1.14 and 9.1 (issue 9.1.9), APT Members are of the view that this issue would be handled by WRC-19 based on proposals submitted to the conference, discussion on these agenda items and WRC-19’s decision on use of each frequency band mentioned in the corresponding Resolutions.

APT Members have the following preliminary views for the frequency bands listed below.

* **24.25-27.5 GHz**

APT Members support identification of the frequency band 24.25-27.5 GHz, which will provide administrations the flexibility to implement IMT in the entire band or portions thereof, through Method A2 in the draft CPM Report taking into account that protection of the incumbent services in this and adjacent frequency bands should be ensured by selecting an appropriate Option for each Condition under Method A2 in the draft CPM Report.

Under Condition A2a (Protection measures for the EESS (passive) in the 23.6-24 GHz frequency band), APT Members support Option 1 in the Draft CPM Report (to revise Table 1-1 of Resolution **750** **(Rev.WRC-15)**). APT Members are encouraged to study and to provide unwanted emission limits to be included in this revision based on the range of unwanted emission levels applicable to different active service bands as indicated in Section 6.

* **31.8-33.4 GHz**

APT Members support Method B1 (NOC), which is the only Method in the draft CPM Report for the frequency band 31.8-33.4 GHz due to difficulty of sharing and compatibility between IMT and the incumbent services.

* **37-40.5 GHz, 40.5-42.5 GHz and 42.5-43.5 GHz**

APT Members support identification of the frequency bands 37-40.5 GHz, 40.5-42.5 GHz and 42.5-43.5 GHz, or portions thereof, for IMT, through Methods C2/D2/E2 in the draft CPM Report taking into account that protection of the incumbent services in these and adjacent frequency bands should be ensured by selecting an appropriate Option for each Condition under Methods C2/D2/E2 in the draft CPM Report.

APT Members recognize that different administrations would implement IMT in different portions of the 37-43.5 GHz frequency range for IMT, and a global identification for IMT in the 37-43.5 GHz band, or portions thereof, would allow each country/region to implement IMT in different portions of the band in accordance with their national/regional considerations, while still facilitating the benefits of economies of scale.