**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” is reviewing the compilation document

| Sect. | Contents | Status |
| --- | --- | --- |
| 1 | Executive summary | * Completed. |
| 2 | Background | * Completed. |
| 3 | Summary and analysis of studies | * Completed, except for the text related to new studies. * DG 2a4 is developing summary text of the studies; however, the location of summary text is yet to be decided by SWG 2a. |
| 4 | Method/Regulatory example | * Agreed to keep both Alternatives 1 and 2 unless there is a new solution. |
| 4.1 | 24.25-27.5 GHz | * Initial review has been completed. |
| 4.2 | 31.8-33.4 GHz | * Completed. |
| 4.3 | 37-40.5 GHz | * Initial review has been completed. |
| 4.4 | 40.5-42.5 GHz | * Initial review has been completed. |
| 4.5 | 42.5-43.5 GHz | * Initial review has been completed. |
| 4.6 | 45.5-47 GHz | * Initial review has been completed. |
| 4.7 | 47-47.2 GHz | * Initial review has been completed. |
| 4.8 | 47.2-50.2 GHz | * Initial review has been completed. |
| 4.9 | 50.4-52.6 GHz | * Initial review has been completed. |
| 4.10 | 66-71 GHz | * Initial review has been completed. |
| 4.11 | 71-76 GHz | * Initial review has been completed. |
| 4.12 | 81-86 GHz | * Initial review has been completed. |
| 5.1-5.12 | Regulatory and procedural considerations | * To be reviewed by SWG 2a. |
| 5.13 | * DG 2a1 has reviewed Resolution text for 26 GHz\*. * DG 2a2 has reviewed Resolution text for 40/50 GHz\*. * DG 2a3 has reviewed Resolution text for 71-76 GHz\*. * Resolutions 750 and 238 are to be reviewed by SWG 2a. |
| 5.14 | * To be reviewed by SWG 2a. |

NOTE: Although there are some open issues in these Resolutions text, no DG session is planned and these issues will be handled by SWG 2a.

SWG 2a will review on a number of open issues in sections 3, 4 and 5 on Monday (P1, P3, P4 (following WG 2), P5, P6, (…?)). The final meeting of SWG 2a is planned in P3 on Tuesday.

SWG 2a in P3 today is dedicated for discussion on the proposals in Document [CPM19-2/165](https://www.itu.int/md/R15-CPM19.02-C-0165/en), which are related to Option 2 under Condition A2a (Protection measures for the EESS (passive) in the 23.6 24 GHz frequency band).

1. **Issues which require discussion at APG Coordination meeting and seek guidance thereafter**

APT Members are invited to join SWG 2a for discussion on a number of open issues.

APT Members are also invited to review the following items with respect to the proposals on how to reduce Methods / Options for each band (case-by-case), which will be discussed today.

* Retain NOC Method only for those bands that have no studies
* Remove “no condition necessary” option and “9.21 (for cases with no allocation) / seeking agreement (for cases with allocation)” options
* Introductory text for the Method already clarifies: “*This method contains potential conditions as the case may be, to protect services to which the frequency band and adjacent frequency bands are allocated, for consideration by administrations in preparing their proposals to WRC-19, taking into account the results of studies*.” (current draft CPM text)
* Retain “no condition necessary” option and remove “9.21/seeking agreement” option if the results of studies show compatibility without further conditions.
* Clarify for options that call for an ITU-R Recommendation that this may be time-consuming (in particular when more than one WP is involved) and could be opposed by one administration at the level of adoption
* Remove options if proponents agree; otherwise retain
* Proposals to combine / consolidate options to be agreed amongst proponents
* Consider potential removal of all Reasons and Views for each condition/options

*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.