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

Hiroyuki Atarashi, hiroyuki.atarashi.yt@nttdocomo.com

27 February, 2019

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**

–

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

“SWG 2a – ai 1.13” has produced TEMP/40, which will be reviewed by WG2 in P3 today (27 February 2019). Due to lack of time, the SWG could not spend sufficient time to review the contents in section 5.

Compared to the draft CPM Report (Document CPM19-2/1), some of new elements have been included (Note: the following list is not exhaustive).

**24.25-27.5 GHz**

* New options under Condition A2a (Protection measures for the EESS (passive) in the 23.6 24 GHz frequency band), such as development of a new WRC Recommendation,
* Merging Options under Condition A2e (Protection measures for the ISS and FSS (Earth-to-space) receiving space stations)

**37-40.5 GHz**

* New 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.

**42.5-43.5 GHz**

* Merging Options under Condition E2a (Protection measures for the FSS (Earth-to-space))
* New Condition E2d (Measures related to transmitting earth stations in the FSS (Earth-to-space) at known locations)

**45.5-47 GHz**

* New Method F2: NOC, Proposal for further ITU-R study
* New Method F4: Identification of the frequency band 45.5-47 GHz for IMT and removal of the frequency band from RR No. 5.553

**47-47.2 GHz**

* New Method G2: NOC, Proposal for further ITU-R study

**47.2-50.2 GHz**

* Merging Options under Condition H2b (Protection measures for the FSS space stations (Earth-to-space))
* Change the scope of Condition H2c (Measures related to transmitting earth stations in the FSS (Earth-to-space))

**50.4-52.6 GHz**

* Merging Options under Condition I2b (Protection measures for the FSS space stations (Earth-to-space))
* New Condition I2d (Measures related to transmitting earth stations in the FSS (Earth-to-space) at known locations)

**66-71 GHz**

* Method J2: Identification of the frequency band 66-71 GHz for IMT in accordance with the following two alternatives and removal of the frequency band from RR No. 5.553, and
* new Method J4: Identification of the frequency band 66-71 GHz for IMT in accordance with the following two alternatives and retention of the frequency band in RR No. 5.553
1. **Issues which require discussion at APG Coordination meeting and seek guidance thereafter**

APT Members are invited to review the CPM Report and provide their proposals to APG19-5.

Furthermore, APT Members could communicate using the reflector developed for this agenda item, as necessary.

*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.