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

Name and email of the Coordinator: Fahmi (fahmi@postel.go.id)

Report Date: 20 February 2019

1. Agenda Item 1.3

*To consider possible upgrading of the secondary allocation to the meteorological-satellite service (space-to-Earth) to primary status and a possible primary allocation to the Earth exploration-satellite service (space-to-Earth) in the frequency band 460-470 MHz, in accordance with Resolution* ***766 (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
* APT Preliminary Views (Doc: [APG19-4/OUT-32](https://www.apt.int/sites/default/files/2019/01/APG19-4-OUT-32_PV_AI1.3.docx))
* APT members support further ITU-R sharing and compatibility studies in accordance with Resolution 766 (WRC-15), to conduct and complete in time for WRC-19, the necessary technical, operational and regulatory studies on the possibility to upgrade the secondary allocation of the meteorological-satellite service (space-to-Earth) to primary status and a primary allocation to the Earth exploration-satellite service (space-to-Earth) in the frequency band 460-470 MHz.
* The appropriate measures are necessary to be taken to ensure the protection of existing fixed, mobile, and broadcasting services and not to constraint their future developments in the frequency band 460-470 MHz and in the adjacent bands, and stations of the EESS and MetSat services shall not claim protection from the fixed, mobile, and broadcasting services. APT members also note that the priority of MetSat over EESS should be maintained.
* APT members note that further studies are required to address appropriate I/N protection criteria with regard to the PPDR services. The decision on which Method to adopt will depend on the outcome of those studies.
* Stations of the EESS and MetSat services shall not cause harmful interference to fixed, mobile, and broadcasting services in 460-470 MHz and adjacent bands. APT members note that further studies are required to address appropriate pfd limits for GSO and non-GSO satellites to ensure this.
* APT Views for modification of draft CPM Report (Doc: [APG19-4/OUT-33](https://www.apt.int/sites/default/files/2019/01/APG19-4-OUT-33_Draft_CPM_Chapter_4.docx))

APT Members propose the following modifications to the text in the draft CPM Report related to WRC-19 Agenda Item 1.3.

4/1.3/5.2 Method B

MOD

ADD

**5. A13** In the frequency band 460-470 MHz, earth stations in the meteorological-satellite service (space-to-Earth) and Earth exploration-satellite service (space-to-Earth) shall not cause harmful interference to nor claim protection from stations of the fixed and mobile services, and shall not claim protection from broadcasting service in the adjacent bands.     (WRC‑19)

**Reasons**:

The frequency band 470-694 MHz is allocated to the broadcasting service in all three regions on a primary basis and is widely used by this service. Given the fact that, based on *resolves* to invite the 2019 World Radiocommunication Conference(WRC-19), Resolution **766** **(WRC-15)**, the MetSat and EESS would not claim protection from services in adjacent frequency band, the compatibility of MetSat and EESS and more importantly not claiming protection from broadcasting service in adjacent frequency band, should be ensured.

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

Input documents: [1+c1](https://www.itu.int/md/R15-CPM19.02-C-0001/en)\*, [3 (IMO)](https://www.itu.int/md/R15-CPM19.02-C-0003/en)\*, [14r1+Add.4 (APT)](https://www.itu.int/md/R15-CPM19.02-C-0014/en), [18 (WMO)](https://www.itu.int/md/R15-CPM19.02-C-0018/en)\*, [27 (USA)](https://www.itu.int/md/R15-CPM19.02-C-0027/en), [61 (RUS)](https://www.itu.int/md/R15-CPM19.02-C-0061/en), [143 (IRN)](https://www.itu.int/md/R15-CPM19.02-C-0143),[159 (ALG, BHR, EGY, IRQ, JOR, KWT, OMA, ARS, SDN, TUN, UAE)](https://www.itu.int/md/R15-CPM19.02-C-0159), [191 (D)](https://www.itu.int/md/R15-CPM19.02-C-0191)

Topic proposed by these contributions:

* Modification of Executive Summary, Background, and Summary of result of ITU-R Study
* Addition of description of Method A (NOC)
* Modification of Method B
* Addition of advantages and disadvantages of Method B
* Addition of Method C
* Modification of draft Resolution
1. Progress of discussion during CPM19-2 on the Agenda Item

WG3 has established SWG 4b which deal with agenda item 1.3. SWG 4b has met 2 times. All input contribution has been introduced. There was some discussion regarding the proposal to delete “Further studies are needed to address the pfd limits for GSO satellites and conclude on a single mask”. It was agreed that further discussion will be carry out through informal group. Regarding the proposal to modify Method B and addition of Method C, there was discussion that still on progress that there a possibility to merge these 2 proposals into a new method B.

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*.