**Report of the Agenda Item Coordinator during WRC-19**

Ms. Amalia Yunitasari ([amalia@postel.go.id](mailto:amalia@postel.go.id))

Mr. Atmadji W. Soewito (atmadji123@ieee.org)

06/11/2019

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 Common Proposals and APT Views for WRC-19 (which has been submitted to WRC-19) :

APT Members did not reach an agreement to develop specific proposed regulatory text for agenda item 1.3. The following views are provided for the consideration of the Conference.

Proposal

ACP/24A3/1

Some APT Members support Method C while some other APT Members support Method B of the CPM Report.

Some APT Members are of the view that pfd limits are to be revised for both non-GSO and GSO MetSat/EESS satellites to give additional protection needed by mobile services that require higher protection based on further ITU-R studies.

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

Method A or NOC is proposed by ASMG and Argentina

Different pfd limits are proposed by India, Singapore and ATU/AFCP both for GSO and non GSO

1. Progress of discussion during WRC-19 on the Agenda Item

Due to disagreements among administrations during the first 8 meetings, Informal AI 1.3 meeting of SWG5C2 AI 1.3 was formed, and develops the following footnotes on the draft proposal:

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 claim protection from stations of the fixed and mobile services[, and shall not claim protection from broadcasting service in the adjacent bands] and shall not impose any constraints on fixed and mobile services [to which the frequency band is allocated as well as broadcasting service in the adjacent frequency bands] unless other agreements were obtained under No. 9.21 prior to 22 November 2019.. Resolution [SWG5C2] (WRC‑19) shall apply.     (WRC‑19)

[ADD

5.5C2-1 that in the frequency band 460-470 MHz, space stations in the meteorological-satellite (space-to-Earth) and Earth exploration-satellite (space-to-Earth) shall comply with the following power flux-density limits:

{Note: pfd mask[s] will be inserted here – see PFD Mask Comparison document}]

These limits apply to all space stations in the meteorological-satellite service and Earth exploration- satellite service in this frequency band for which a complete notification information or coordination request was received by the Radiocommunication Bureau after the end of WRC-19.

[In addition, the MetSat and EESS in the 460-470 MHz band shall not limit the development or the deployment of the fixed, mobile and broadcast services allocated in the 460-470 MHz and adjacent bands; ]

ADD

5.5C2-2 In the frequency band 460-470 MHz, stations in the fixed and mobile services [shall] have priority over networks or systems in the meteorological-satellite and Earth exploration-satellite services that do not meet the pfd provided in 5.5C2-1 [brought into use]/[recorded in the MIFR] before the end of WRC-19.      (WRC-19)

ADD

5.C13 In the frequency band 460-470 MHz stations in the Earth exploration-satellite service (space-to-Earth) shall not cause harmful interference to nor claim protection from stations in the meteorological-satellite service (space-to-Earth). (WRC-19)

MOD

**5.289** Earth exploration-satellite service applications, other than the meteorological-satellite service, may also be used in the band 1 690-1 710 MHz for space-to-Earth transmissions subject to not causing harmful interference to stations operating in accordance with the Table of Frequency Allocations.     (WRC‑19)

Variants of Pfd limits for GSO and non-GSO to be inserted in the footnotes:





1. Issues which require discussion at APT Coordination Meetings and seek guidance thereafter:

As the ultimate goal, SWG 5C2 Chair would like to offer the administrations a binary choice, i.e. Modified Regulatory Provisions or NOC. In the APG 19-5 APT views, NOC was never been a choice. We would ask for guidance, whether in the current scenario APT members views for not choosing NOC still could be represented by APT AI 1.3 coordinator.

*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*. *Coordinators can also organize coordination meetings on the respective agenda items whenever necessary.*