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

Nguyen Huy Cuong, cuongnh@rfd.gov.vn

11 November, 2019

1. Agenda Item

*1.7 to study the spectrum needs for telemetry, tracking and command in the space operation service for non-GSO satellites with short duration missions, to assess the suitability of existing allocations to the space operation service and, if necessary, to consider new allocations, in accordance with Resolution****659******(WRC‑15)****;*

Resolution **659 (WRC‑15)** – *Studies to accommodate requirements in the space operation service for non-geostationary satellites with short duration missions.*

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

APT Members support Method B of CPM Report on this agenda item. APT Members are of the view to support ITU-R studies and that any possible revision of the limitations of Annex 7 to RR Appendix 30 (Rev.WRC-15) under Resolution 557 (WRC-15) should not adversely affect current and future FSS/BSS usage in the 11.7-12.7 GHz frequency band for Region 3.

APT Members do not support allocations for non-GSO short duration systems in the following frequency ranges:

– Maritime mobile VHF radiocommunication in the frequency ranges 156-157.45 MHz, 160.6-160.975 MHz and 161.475-162.05 MHz, in accordance with RR No. **5.226** and Appendix **18** (**Rev.WRC-15**);

– The frequency range 406-406.1 MHz that is dedicated for satellite emergency position-indicating radio beacons, in accordance with Resolution **205** (**Rev.WRC-15**); and

– Frequency bands used by Global Maritime Distress and Safety System (GMDSS) included in Appendix **15** of RR.

The main support from APT members is for Method A and Method C, with a preference for Method C if the protection can be ensured for AM(R)S below the 137-138 MHz frequency band and the FS and MS in the 148-149.9 MHz frequency band.

Some APT members do not support Method C.

1. Topics proposed by other regional Groups or ITU Members which are not included in no. 2 above
* CITEL,ARB support NOC
1. Progress of discussion during WRC-19 on the Agenda Item

*Regarding the band 148-149.9 MHz), there are two options:*

Option1: That the frequency band 148 – 148.7 MHz may be used by non-GSO with short duration missions for tracking and command subject to agreement under No. 9.21 from [list of countries]. Those systems shall not cause harmful interference nor claim protection from the primary services in this frequency band and No. 9.21 does not apply except the above mentioned countries].

Option2: That the frequency band 148 – 148.7 MHz may be used by non-GSO with short duration missions for tracking and command subject to agreement under No. 9.21 from [list of countries]. For those systems in this frequency band No. 9.21 does not apply except the above mentioned countries ]

The compromise can not reach up to now.

*Regarding the band 137-138 MHz),* The compromise can not reach for the guardband*:*

**5.A17** The use of the frequency band [137/137.025/137.050]-138 MHz for space operation service (space-to-Earth) with short duration mission is subject to Resolution **[METHOD-C] (WRC‑19**).  (WRC‑19)

**MOD**

**5.208** The use of the frequency band 137-138 MHz by the mobile-satellite service is subject to coordination under No. **9.11A**. The use of the frequency band 137.175-137.825 MHz by non-geostationary satellite systems in the space operation service identified as short duration missions in accordance with Appendix 4 is not subject to No. **9.11A**.  These systems shall not cause harmful interference to [nor claim protection from] the existing services to which the frequency bands are allocated on a primary basis. [5.43A does not apply].    (WRC‑9719)

1. Issues which require discussion at APT Coordination Meetings 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*. *Coordinators can also organize coordination meetings on the respective agenda items whenever necessary.*