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

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Report Date: 2019.11.04

1. Agenda Item

*Agenda item 1.2 is to consider in-band power limits for earth stations operating in the mobile-satellite service, meteorological-satellite service and Earth exploration-satellite service in the frequency bands 401-403 MHz and 399.9-400.05 MHz, in accordance with Resolution 765 (WRC-15);*

*Resolution 765 (WRC-15) – Establishment of in-band power limits for earth stations operating in mobile-satellite service, the meteorological-satellite service and the Earth exploration-satellite service in the frequency bands 401-403 MHz and 399.9-400.05 MHz*

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

For the band 399.9-400.05 MHz

*APT Members support* ***Method C*** *in the CPM Report for this agenda item and support the e.i.r.p. limit indicated in Table 4/1.2/3-1 of the CPM Report. APT Members are of the view that a transitional period until* ***22 November 2024*** *is needed to ensure that the existing telecommands for EESS systems, including those systems to be notified before 22 November 2019, may continue to operate.*

For the band 401-403 MHz

*APT Members support* ***Method E*** *in the CPM Report for this agenda item. APT Members are of the view that transitional arrangements are needed to ensure that the existing telecommands for EESS, including those systems to be notified and brought into use before 22 November 2019, may continue to operate until* ***22 November 2024 or 2029*** *(date to be agreed on at WRC‑19)..*

*Based on the above, APT Proposals to add two new footnotes to the frequency bands* 399.9-400.05 MHz *and* 401-403 MHz *respectively.*

5.B12 In the frequency band 399.9-400.05 MHz, the maximum e.i.r.p of any emission of the earth stations in the mobile-satellite service shall not exceed 5 dBW in any 4 kHz and maximum e.i.r.p. of each earth station in the mobile-satellite service shall not exceed 5 dBW in the whole 399.9-400.05 MHz frequency band. Until 22 November 2024, this limit shall not apply to satellite systems for which complete notification information has been received by the Radiocommunication Bureau by 22 November 2019 and that have been brought into use by that date. After 22 November 2024 these limits shall apply to all systems within the mobile-satellite service operating in this frequency band.     (WRC‑19)

5.D12 In the frequency band 401-403 MHz, the maximum e.i.r.p. of any emission of the earth stations in the meteorological-satellite service and the Earth exploration-satellite service shall not exceed 22 dBW in any 4 kHz for geostationary systems and non-geostationary systems with an orbit of apogee equal or greater than 35 786 km and 7 dBW in any 4 kHz for non-geostationary systems with an orbit of apogee lower than 35 786 km and maximum e.i.r.p. of each earth station in the meteorological-satellite service and the Earth exploration-satellite service shall not exceed 22 dBW for geostationary systems and non-geostationary systems with an orbit of apogee equal or greater than 35 786 km and 7 dBW for non-geostationary systems with an orbit of apogee lower than 35 786 km in the whole 401-403 MHz frequency band.

These provisions shall not apply to all systems in the meteorological-satellite service and the Earth exploration-satellite service in this frequency band for which complete notification information has been received by the Radiocommunication Bureau before 22 November 2019 and brought into use before 22 November 2019.

After 2024 or 2029 (date to be agreed on at WRC‑19), these limits shall apply to all systems in the meteorological-satellite service and the Earth exploration-satellite service operating in this frequency band excluding non-geostationary satellite systems for which complete notification information has been received by the Radiocommunication Bureau before 28 April 2007, for which maximum e.i.r.p. of earth stations within the 401.898-402.522 MHz frequency band can be increased to 12 dBW.     (WRC‑19)

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

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|  | 399.9-400.05 MHz | 401-403 MHz |
| CITEL | New method. Introduce in-band power limit only in 399.9-399.99MHz, apply after 22 November 2029. | Approximately method E.  Without limit in 4kHz and apply after 22 November 2029. |
| RCC | Method C. | Method E. Apply after 22 November 2027. |
| CEPT | Method C. | Method E Apply after 22 November 2027. |
| ATU | No change | Approximately method E. not apply to TT&C even after 22 November 2029 |
| ASMG | Method C | Method E |
| CHN | Method C | Method E |
| J | - | Mehtod E, Apply after 22 November 2029. |
| AUS | Method C | - |
| India | Method C | Method E |
| Luxembourg | Supports in-band power limits, while maintaining filing original status when changing the limits. | - |
| Slovenia | Requests WRC-19 to exclude the NEMO-HD satellite network from the application of possible e.i.r.p. limits due to force majeure. | |

1. Progress of discussion during WRC-19 on the Agenda Item
2. Three meetings and two more informal discussions were hold.
3. For 399.9-400.05MHz band, CITEL propose and insist of the maximum e.i.r.p. apply to 399.9-399.99MHz, with a transition period of 22 November 2029, while APT、CEPT and RCC insist whole band limitation with transition period of 22 Nov 2024.
4. For 401-403MHz, CITEL propose and insist no need to e.i.rp. limit for every 4kHz but the whole band, and with a transition period of 22 November 2029. while CEPT and RCC insist of the e.i.r.p. limit on either 4kHz or whole band .

It was not reach final agreement at this moment and further discussion is still needed in the next meeting.

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

No required by now.

*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.*