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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
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| Source Document: APG23-6/OUT-43 | | **Addendum 3 to Document xx(Add.22)** | |
|  | | **19 August 2023** | |
|  | | **Original: English** | |
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| Asia-Pacific Telecommunity Common Proposals | | | |
| Proposals for the work of the conference | | | |
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| Agenda item 7(C) | | | |

7 to consider possible changes, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, on advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution **86** **(Rev.WRC‑07)**, in order to facilitate the rational, efficient and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit;

7(C) Topic C - Protection of geostationary satellite networks in the mobile-satellite service operating in the 7/8 GHz and 20/30 GHz bands from emissions of non-geostationary satellite systems operating in the same frequency bands and identical directions

**1.** **Introduction**

The APT has considered Agenda Item 7 Topic C and drafted a Preliminary APT Common Proposal to support Method C3 in the CPM Report to address this topic. In addition, the APT has formed the following views on Agenda Item 7 Topic C.

* APT Members support protection of GSO satellite networks in the mobile-satellite service operating in the 7/8 GHz and 20/30 GHz bands from emissions of non-GSO satellite systems operating in the same frequency bands and identical directions, by means of appropriate regulatory solutions.
* APT Members support extending the application of concept of provisions of RR No. **22.2** for the protection of geostationary-satellite networks in the mobile-satellite service operating in the bands 7/8 GHz and 20/30 GHz from emissions of non-geostationary-satellite networks.

**2.** **Proposal**

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations  
(See No. 2.1)

MOD ACP/xxA22A3/1#2003

7 250-8 500 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 7 250-7 300 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE  MOD 5.461 | | |
| 7 300-7 375 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  MOD 5.461 | | |
| … | | |
| 7 900-8 025 FIXED  FIXED-SATELLITE (Earth-to-space)  MOBILE  MOD 5.461 | | |

MOD ACP/xxA22A3/2#2005

7 250-8 500 MHz

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| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 7 375-7 450 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB  ADD 5.A7(C)3 | | |
| 7 450-7 550 FIXED  FIXED-SATELLITE (space-to-Earth)  METEOROLOGICAL-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB  5.461A ADD 5.A7(C)3 | | |
| 7 550-7 750 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB  ADD 5.A7(C)3 | | |

ADD ACP/xxA22A3/3#2006

5.A7(C)3 In the frequency band 7 375-7 750 MHz, non-geostationary-satellite systems operating in the fixed-satellite service for which complete notification information is received by the Bureau *from [16 December 2023 or the date of entry into force of the Final Acts of WRC‑23]*, shall not cause unacceptable interference to and shall not claim protection from geostationary-satellite networks in the maritime mobile-satellite service operating in accordance with these Regulations. No. **5.43A** does not apply.     (WRC‑23)

MOD ACP/xxA22A3/4#2004

5.461 *Additional allocation:*the frequency bands 7 250-7 375 MHz (space-to-Earth) and 7 900-8 025 MHz (Earth-to-space) are also allocated to the mobile-satellite service on a primary basis, subject to agreement obtained under No. **9.21**. However, No. **9.21** is not applicable to the geostationary-satellite networks in the mobile-satellite service with respect to non-geostationary-satellite systems for which complete coordination or notification information, as appropriate, is received by the Bureau from *[16 December 2023 or the date of entry into force of the Final Acts of WRC‑23]*. Non-geostationary-satellite systems for which complete coordination or notification information, as appropriate, is received by the Bureau from *[16 December 2023 or the date of entry into force of the Final Acts of WRC‑23]*, shall not cause unacceptable interference to and shall not claim protection from geostationary-satellite networks in the mobile-satellite service operating in accordance with these Regulations. No. **5.43A** does not apply.     (WRC‑23)

MOD ACP/xxA22A3/5#2007

18.4-22 GHz

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| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 20.2-21.2 FIXED-SATELLITE (space-to-Earth)  MOBILE-SATELLITE (space-to-Earth)  Standard frequency and time signal-satellite (space-to-Earth)  5.524 ADD 5.B7(C)3 | | |

ADD ACP/xxA22A3/6#2009

5.B7(C)3 In the frequency bands 20.2-21.2 GHz and 30-31 GHz, non-geostationary-satellite systems for which complete notification information is received by the Bureau from *[16 December 2023 or the date of entry into force of the Final Acts of WRC‑23],* shall not cause unacceptable interference to and shall not claim protection from geostationary-satellite networks in the mobile-satellite service operating in accordance with these Regulations. No. **5.43A** does not apply.     (WRC‑23)

MOD ACP/xxA22A3/7#2008

29.9-34.2 GHz

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| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 30-31 FIXED-SATELLITE (Earth-to-space) 5.338A  MOBILE-SATELLITE (Earth-to-space)  Standard frequency and time signal-satellite (space-to-Earth)  5.542 ADD 5.B7(C)3 | | |