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| **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | A close up of a sign  Description automatically generated |
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| PLENARY MEETING | **Doc. CPG(23)036 ANNEX V-18**  **Addendum 18 to Document XX-E** |
|  | **Date** |
|  | **Original: English** |
|  | |
| European Common Proposals | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.18 | |

1.18 to consider studies relating to spectrum needs and potential new allocations to the mobile-satellite service for future development of narrowband mobile-satellite systems, in accordance with Resolution **248 (WRC‑19)**;

Introduction

CEPT is of the view that, given the limited studies carried out to demonstrate sharing and compatibility between low data-rate mobile-satellite service (MSS) and incumbent services in the frequency bands under consideration, a potential new allocation to MSS for future development of narrowband mobile-satellite systems may not be achievable in accordance with the Resolution **248 (WRC-19)** at the WRC-23 in all the frequency bands under study. Furthermore, CEPT highlights the importance of the existing services in these bands, in particular the meteorological-satellite service in the frequency band 1 695-1 710 MHz. Therefore, CEPT proposes “No Change” to the Radio Regulations for all the frequency bands under consideration, namely 1 695-1 710 MHz in Region 2, 2 010-2 025 MHz in Region 1, 3 300-3 315 MHz and 3 385-3 400 MHz in Region 2. Consequentially, CEPT supports suppression of Resolution 248 (WRC-19).

Proposals

ARTICLE 5

Frequency allocations

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

NOC EUR/XXA18/1

1 660-1 710 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 1 690-1 700  METEOROLOGICAL AIDS  METEOROLOGICAL-SATELLITE (space-to-Earth)  Fixed  Mobile except aeronautical mobile | 1 690-1 700  METEOROLOGICAL AIDS  METEOROLOGICAL-SATELLITE (space-to-Earth) | |
| 5.289 5.341 5.382 | 5.289 5.341 5.381 | |
| 1 700-1 710  FIXED  METEOROLOGICAL-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile | | 1 700-1 710  FIXED  METEOROLOGICAL-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile |
| 5.289 5.341 | | 5.289 5.341 5.384 |

**Reasons:** Given the limited studies carried out to demonstrate sharing and compatibility between low data-rate mobile-satellite service (MSS) and incumbent services in the frequency bands under consideration and the importance of the existing services in these bands, in particular the meteorological satellite service, a potential new allocation to the mobile-satellite service for future development of narrowband mobile-satellite systems may not be achievable in accordance with Resolution **248 (WRC-19)** at WRC-23.

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1 710-2 170 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 2 010-2 025  FIXED  MOBILE 5.388A 5.388B | 2 010-2 025  FIXED  MOBILE  MOBILE-SATELLITE (Earth-to-space) | 2 010-2 025  FIXED  MOBILE 5.388A 5.388B |
| 5.388 | 5.388 5.389C 5.389E | 5.388 |

**Reasons:** Considering that the studies carried out to demonstrate sharing and compatibility between low data-rate mobile-satellite service (MSS) and incumbent services in the 2 010-2 025 MHz frequency band have not been concluded, a potential new allocation to the mobile-satellite service for future development of narrowband mobile-satellite systems may not be achievable in accordance with Resolution **248 (WRC-19)** at WRC-23.

NOC EUR/XXA18/3

2 700-3 600 MHz

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Allocation to services | | | | |
| Region 1 | Region 2 | | Region 3 | |
| 3 300-3 400  RADIOLOCATION | | 3 300-3 400  RADIOLOCATION  Amateur  Fixed  Mobile | | 3 300-3 400  RADIOLOCATION  Amateur | |
| 5.149 5.429 5.429A 5.429B 5.430 | | 5.149 5.429C 5.429D | | 5.149 5.429 5.429E 5.429F | |

**Reasons:** Given the limited studies carried out to demonstrate sharing and compatibility between low data-rate mobile-satellite service (MSS) and incumbent services in the frequency bands under consideration and the importance of the existing services in these bands, a potential new allocation to the mobile-satellite service for future development of narrowband mobile-satellite systems may not be achievable in accordance with Resolution **248 (WRC-19)** at WRC-23.

SUP EUR/XXXXA18/4

RESOLUTION 248 (WRC‑19)

Studies relating to spectrum needs and potential new allocations to the mobile-satellite service in the frequency bands 1 695-1 710 MHz, 2 010-2 025 MHz, 3 300‑3 315 MHz and 3 385-3 400 MHz for future development  
of narrowband mobile-satellite systems

**Reasons:** The Resolution served its purpose after consideration at WRC-23.