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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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| PLENARY MEETING | **Addendum 14 toDocument 85-E** |
|  | **22 October 2023** |
|  | **Original: Russian** |
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| Regional Commonwealth in the field of Communications Common Proposals |
| PROPOSALS FOR THE WORK OF THE CONFERENCE |
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| Agenda item 1.14 |

1.14 to review and consider possible adjustments of the existing frequency allocations or possible new primary frequency allocations to the Earth exploration-satellite service (passive) in the frequency range 231.5-252 GHz, to ensure alignment with more up-to-date remote-sensing observation requirements, in accordance with Resolution **662 (WRC‑19)**;

Introduction

The RCC Administrations are in favour of the additional allocations to the EESS (passive) in the frequency bands 239.2-242.2 GHz and 244.2-247.2 GHz, and the shift of the FS/MS allocation in the frequency band 238-241 GHz to the frequency band 235-238 GHz.

The RCC Administrations support Method B (Option 3) of the CPM Report, which includes allocations to the EESS (passive) in the frequency bands 239.2-242.2 GHz and 244.2-247.2 GHz, the allocation to the FS/MS in the frequency band 235-238 GHz, and the suppression of the allocation to the FS/MS in the frequency band 238-241 GHz. The conditions of use of the frequency band 235-238 GHz by the EESS (passive) are clarified, with use of the frequency band 235-238 GHz limited to the operation of EESS (passive) limb sounding passive sensors, which, during such use, shall not claim protection from FS/MS stations.

Proposal

The RCC Administrations support Method B (Option 3) of the CPM Report.

ARTICLE 5

Frequency allocations

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

MOD RCC/85A14/1

200-248 GHz

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| Allocation to services |
| Region 1 | Region 2 | Region 3 |
| 235-238 EARTH EXPLORATION-SATELLITE (passive) ADD 5.B114 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (passive) 5.563A 5.563B |
| 238-239.2 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE |
| 239.2-240 EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE |
| 240-241 EARTH EXPLORATION-SATELLITE (passive) RADIOLOCATION |
| 241-242.2 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149 |
| 242.2-244.2 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149 |
| 244.2-247.2 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149 |
| 247.2-248 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149 |

ADD RCC/85A14/2

5.B114 The use of the frequency band 235-238 GHz by the Earth exploration-satellite service (passive) is limited to the operation of limb sounding passive sensors. In this band, stations in the Earth exploration-satellite service (passive) shall not claim protection from stations of the fixed and mobile services.     (WRC‑23)

SUP RCC/85A14/3

RESOLUTION 662 (WRC‑19)

Review of frequency allocations for the Earth exploration-satellite service (passive) in the frequency range 231.5-252 GHz and consideration of possible adjustment according to observation requirements of passive microwave sensors

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