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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| COMMITTEE 5 | **Revision 2 to Document 79-E** |
|  | **13 November 2015** |
|  | **Original: English** |
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| Germany (Federal Republic of)/Austria/Belgium/Croatia (Republic of)/Denmark/Estonia (Republic of)/France/Italy/Latvia (Republic of)/Liechtenstein (Principality of)/Lithuania (Republic of)/Malta/Poland (Republic of)/Romania/United Kingdom of Great Britain and Northern Ireland/ Switzerland (Confederation of) | |
| Proposals for the work of the conference | |
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| Agenda item 1.6 | |

1.6 to consider possible additional primary allocations:

1.6.1 to the fixed-satellite service (Earth-to-space and space-to-Earth) of 250 MHz in the range between 10 GHz and 17 GHz in Region 1;

1.6.2 to the fixed-satellite service (Earth-to-space) of 250 MHz in Region 2 and 300 MHz in Region 3 within the range 13-17 GHz;

and review the regulatory provisions on the current allocations to the fixed-satellite service within each range, taking into account the results of ITU‑R studies, in accordance with Resolutions **151 (WRC‑12)** and **152 (WRC‑12)**, respectively;

Introduction

Studies of possible frequency bands for a new primary allocation to the fixed-satellite service in the Earth-to-space direction within the 10-17 GHz frequency range in Region 1 and within the 13‑17 GHz frequency range in Regions 2 and 3 were conducted since 2012 and included technical, operational and regulatory considerations on this topic, in accordance with Resolutions 151 (WRC‑12) and 152 (WRC-12).

Based on the results of ITU-R studies, sharing with incumbent services in the studied frequency bands proved being highly problematic. As a consequence, the proponents of this contribution oppose any additional primary allocation to the fixed-satellite service in the Earth-to-space direction in the 10-10.68 GHz, 13.25-13.75 GHz and 14.5-15.35 GHz frequency bands.

Proposals

ARTICLE 5

Frequency allocations

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

NOC D/AUT/BEL/HRV/DNK/EST/F/I/LVA/LIE/LTU/MLT/POL/ROU/G/SUI/79/1

10-11.7 GHz

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| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 10.6-10.68 EARTH EXPLORATION-SATELLITE (passive)  FIXED  MOBILE except aeronautical mobile  RADIO ASTRONOMY  SPACE RESEARCH (passive)  Radiolocation  5.149 5.482 5.482A | | |

**Reasons:** ITU-R studies show that sharing between the fixed-satellite service (Earth-to-space) and the Earth exploration-satellite (passive) service is not feasible.

NOC D/AUT/BEL/HRV/DNK/EST/F/I/LVA/LIE/LTU/MLT/POL/ROU/G/SUI/79/2

11.7-14 GHz

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| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 13.25-13.4 EARTH EXPLORATION-SATELLITE (active)  AERONAUTICAL RADIONAVIGATION 5.497  SPACE RESEARCH (active)  5.498A 5.499 | | |
| 13.4-13.75 EARTH EXPLORATION-SATELLITE (active)  RADIOLOCATION  SPACE RESEARCH 5.501A  Standard frequency and time signal-satellite (Earth-to-space)  5.499 5.500 5.501 5.501B | | |

**Reasons:** ITU-R studies show that sharing between the fixed-satellite service (Earth-to-space) and the Earth exploration-satellite (active) service is not feasible. It should be noted that Europe proposes an allocation to the fixed-satellite service (space-to-Earth) in the band 13.4-13.65 GHz.

NOC D/AUT/BEL/HRV/DNK/EST/F/I/LVA/LIE/LTU/MLT/POL/ROU/G/SUI/79/3

14-15.4 GHz

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| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 14.5-14.8 FIXED  FIXED-SATELLITE (Earth-to-space) 5.510  MOBILE  Space research | | |
| 14.8-15.35 FIXED  MOBILE  Space research  5.339 | | |
| 15.35-15.4 EARTH EXPLORATION-SATELLITE (passive)  RADIO ASTRONOMY  SPACE RESEARCH (passive)  5.340 5.511 | | |

**Reasons:** ITU-R studies show that sharing between the fixed-satellite service (Earth-to-space) and the mobile and Earth exploration-satellite (passive) services is not feasible.

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