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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| **PLENARY MEETING** | **Addendum 2 to Document 9(Add.9)-E** |
|  | **24 June 2015** |
|  | **Original: English** |
|  | |
| European Common Proposals (CEPT) | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.9.2 | |

1.9 to consider, in accordance with Resolution **758 (WRC‑12)**:

1.9.2 the possibility of allocating the bands 7 375-7 750 MHz and 8 025-8 400 MHz to the maritime-mobile satellite service and additional regulatory measures, depending on the results of appropriate studies;

Introduction

The frequency bands 7 250-7 375 MHz (space-to-Earth) and 7 900-8 025 MHz (Earth-to-space) are allocated to the mobile-satellite service on a primary basis, subject to agreement obtained under No. 9.21 (see No. 5.461). Regarding the maritime mobile-satellite service (MMSS), some administrations have reported a shortfall of spectrum available for their current and future applications in these bands.

Resolution 758 (WRC-12) invites ITU-R to conduct technical and regulatory studies on a possible new allocations to the MMSS in the frequency bands 7 375-7 750 MHz (s-E) and 8 025-8 400 MHz (E-s).

These European proposals support a primary allocation to the MMSS (space-to-Earth), limited to geostationary satellites, in the band 7 375-7 750 MHz with the condition that MMSS does not claim protection from, nor constrain the use or development of the existing terrestrial services in this band. No. 5.43A does not apply. Sharing with space services currently allocated in this frequency band can be achieved through coordination under Article 9.

These European proposals also support a No Change in the band 8 025-8 400 MHz.

This allocation to the MMSS limited to the band 7 375-7 750 MHz is proposed to satisfy the asymmetric spectrum needs of a number of applications expected to be used by the MMSS systems, requiring more bandwidth for the space-to-Earth link.

Proposals

ARTICLE 5

Frequency allocations

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

MOD EUR/9A9A2/1

7 250-8 500 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 7 300-7 375 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  5.461 | | |
| 7 375-7 450 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  MARITIME MOBILE-SATELLITE (space-to-Earth) ADD 5.A192 ADD 5.B192  5.461 | | |
| 7 450-7 550 FIXED  FIXED-SATELLITE (space-to-Earth)  METEOROLOGICAL-SATELLITE (space-to-Earth)  MARITIME MOBILE-SATELLITE (space-to-Earth) ADD 5.A192 ADD 5.B192  MOBILE except aeronautical mobile  5.461A | | |
| 7 550-7 750 FIXED  FIXED-SATELLITE (space-to-Earth)  MARITIME MOBILE-SATELLITE (space-to-Earth) ADD 5.A192 ADD 5.B192  MOBILE except aeronautical mobile | | |

**Reasons:** To ensure the relevant changes to the band 7 375-7 750 MHz for MMSS (space-to-Earth).

ADD EUR/9A9A2/2

5.A192 The use of the band 7 375-7 750 MHz by the maritime mobile-satellite service is limited to geostationary satellite networks.     (WRC-15)

**Reasons:** To limit the new allocation to GSO satellites.

ADD EUR/9A9A2/3

5.B192 In the band 7 375-7 750 MHz, earth stations in the maritime mobile-satellite service shall not claim protection from, nor constrain the use and development of stations in the fixed and mobile, except aeronautical mobile, services. No. **5.43A** does not apply.     (WRC-15)

**Reasons:** To ensure that the MMSS does not claim protection from the existing terrestrial services.

NOC EUR/9A9A2/4

ARTICLE 21

Terrestrial and space services sharing frequency bands above 1 GHz

**Reasons:** To ensure the application of pfd limits to the emissions from space stations in the MMSS operating in the band 7 375-7 750 MHz.

ARTICLE 5

Frequency allocations

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

NOC EUR/9A9A2/5

7 250-8 500 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 8 025-8 175 EARTH EXPLORATION-SATELLITE (space-to-Earth)  FIXED  FIXED-SATELLITE (Earth-to-space)  MOBILE 5.463  5.462A | | |
| 8 175-8 215 EARTH EXPLORATION-SATELLITE (space-to-Earth)  FIXED  FIXED-SATELLITE (Earth-to-space)  METEOROLOGICAL-SATELLITE (Earth-to-space)  MOBILE 5.463  5.462A | | |
| 8 215-8 400 EARTH EXPLORATION-SATELLITE (space-to-Earth)  FIXED  FIXED-SATELLITE (Earth-to-space)  MOBILE 5.463  5.462A | | |

**Reasons:** To ensure No Change to the band 8 025-8 400 MHz for MMSS (Earth-to-space).

SUP EUR/9A9A2/6

RESOLUTION 758 (WRC‑12)

Allocation to the fixed-satellite service and the maritime-  
mobile satellite service in the 7/8 GHz range

**Reasons:** This resolution is proposed to be suppressed considering the finalization of the studies on WRC-15 agenda item 1.9.2. The parts of this resolution that are relevant to WRC-15 agenda item 1.9.1 are considered in the European proposals related to this agenda item.

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