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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 102(Add.9)-E** |
|  | **19 October 2015** |
|  | **Original: English** |
|  | |
| Korea (Republic of) | |
| 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

ITU-R has conducted the frequency sharing study between new allocation to MMSS and existing services in the 7 375-7 750 MHz and 8 025-8 400 MHz band. In case of the frequency sharing in the 7 375-7 750 MHz band, it is concluded that protection for existing services is ensured from new allocation to MMSS (space-to-Earth) in the Report ITU-R M.2358. This Report expresses the conclusion for sharing studies in the 7 375-7 750 MHz band as follows;

*“Therefore, existing pfd limits in Table 21-4 of RR Article 21 and the coordination requirement under No. 9.21 of the Radio Regulations to the maritime mobile-satellite service are sufficient to protect the primary allocated services in the band 7 375-7 750 MHz”.*

Taking into account the results above, the Korea (Rep. of) proposes the new allocation to MMSS (space-to-Earth) in the band 7 375-7 750MHz

In addition, the Korea (Rep. of) also supports the APT Common Proposals (ACPs) regarding agenda item 1.9.2, which oppose the allocation of MMSS uplink in the band 8 025-8 400 MHz and suppress Resolution 758 (WRC-12).

Proposals

ARTICLE 5

Frequency allocations

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

MOD KOR/102A9A2/1

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)  MARITIME MOBILE-SATELLITE (space-to-Earth) ADD 5.A192  ADD 5.B192  MOBILE except aeronautical mobile  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 make an additional allocation to MMSS (space-to-Earth) in the band 7 375‑7 750MHz.

ADD KOR/102A9A2/2

5.A192 The use of the band 7 375-7 750 MHz by the maritime mobile-satellite service is limited to geostationary satellite networks, subject to agreement obtained under No. **9.21**.

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

ADD KOR/102A9A2/3

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.

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

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