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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 | | **Document 89-E** | |
|  | | **24 October 2023** | |
|  | | **Original: English** | |
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| Bangladesh (People's Republic of) | | | |
| Proposals for the work of the conference | | | |
|  | | | |
| Agenda item 1.2 | | | |

1.2 to consider identification of the frequency bands 3 300-3 400 MHz, 3 600‑3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution **245 (WRC‑19)**;

Introduction

The Asia-Pacific Telecommunity (APT) supports identification of the frequency band 7 025-7 125 MHz for IMT globally through Method 5C together with a new WRC Resolution, in which the provisions for ensuring the protection, continued use, and future development of the fixed-satellite service (FSS) (Earth-to-space and space-to-Earth) and fixed service (FS) are included.

Those services are allocated not only limited to 7 025-7 125 MHz but to the entire 6 425-7 125 MHz range in parts thereof, i.e. FSS uplink in 6 425-7 075 MHz, FSS downlink in 6 700-7 075 MHz and FS (6 425-7 125 MHz). ITU‑R Working Party (WP) 5D has conducted studies of sharing and compatibility between IMT and incumbent services for the frequency range 6 425-7 125 MHz. The parameters used in these studies for FSS uplink, FSS downlink, and FS provided by the ITU‑R expert groups are the same and not differentiated for the frequency bands of 6 425-7 025 MHz and 7 025‑7 125 MHz. In this regard, the provisions specified for the 7 025-7 125 MHz in the new WRC Resolution as contained in the APT Common Proposals (ACP) are sufficient to protect the same allocation in the frequency band 6 425-7 025 MHz.

Based on the sharing studies in the WP 5D, we believe that there is no additional condition needed on IMT stations to protect FSS uplink in the band 6 425-7 075 MHz. However, to have the same conditions for 6 425-7 025 MHz as for 7 025-7 125 MHz as described in the ACP for Band 5, Bangladesh Administration supports expected e.i.r.p. mask under Methods 4C and 5C of CPM Report on IMT stations to protect the FSS uplink operating in the frequency band 6 425-7 075 MHz.

Proposal

• In Document WRC‑23/62(Add.2), Bangladesh administration has endorsed the APT Common Proposals supporting the identification of the frequency band 7 025-7 125 MHz for IMT globally under Method 5C.

• Bangladesh Administration proposes to create a new footnote in the RR for an identification of the frequency band 6 425-7 025 MHz for IMT in some countries in Region 3 by extending the same provisions as specified in the APT Common Proposal No. ACP/62A2/3 for 7 025-7 125 MHz to cover the identification of IMT in the frequency band 6 425-7 025 MHz.

• Bangladesh Administration supports to apply appropriate condition for “expected e.i.r.p. mask” under Methods 4C and 5C as contained in the CPM Report, for the protection of FSS uplink in the band 6 425-7 075 MHz in RR Article **5**.

ARTICLE 5

Frequency allocations

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

MOD BGD/89/1#1363

5 570-6 700 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 5 925-6 700 FIXED 5.457  FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B  MOBILE 5.457C ADD 5.X12  5.149 5.440 5.458 | | |

**Reasons:** This is to identify the frequency bands 6 425-7 025 MHz in Region 1 and countries in Region 3 for IMT by creating new RR footnotes with conditions which are contained in draft new WRC Resolution **[ACP-A12-7GHz] (WRC-23)**. Please see APT Common Proposal No. ACP/62A2/3.

MOD BGD/89/2#1372

6 700-7 250 MHz

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| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 6 700-7 075 FIXED  FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441  MOBILE  5.458 5.458A 5.458B ADD 5.X12 | | |

**Reasons:** This is to identify the frequency bands 6 425-7 025 MHz in Region 1 and countries in Region 3 for IMT by creating new RR footnotes with conditions which are contained in draft new WRC Resolution **[ACP-A12-7GHz] (WRC-23)**. Please see APT Common Proposal No. ACP/62A2/3.

ADD BGD/89/3

5.X12 In Bangladesh in Region 3, the frequency band 6 425-7 025 MHz is identified for use to implement the terrestrial component of International Mobile Telecommunications (IMT). This identification does not preclude the use of this frequency band by any application of the services to which it is allocated and does not establish priority in the Radio Regulations. Resolution **[ACP‑A12‑7GHz] (WRC‑23)** applies.     (WRC‑23)

**Reasons:** This is to identify the frequency bands 6 425-7 025 MHz in Region 1 and countries in Region 3 for IMT by creating new RR footnotes with conditions which are contained in draft new WRC Resolution **[ACP-A12-7GHz] (WRC-23)**. Please see APT Common Proposal No. ACP/62A2/3.

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