|  |  |
| --- | --- |
| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
|  |  |
| PLENARY MEETING | **Document 46-E** |
|  | **10 October 2015** |
|  | **Original: Arabic** |
|  | |
| Saudi Arabia (Kingdom of)/Egypt (Arab Republic of)/Jordan (Hashemite Kingdom of)/Lebanon/Morocco (Kingdom of)/Oman (Sultanate of) | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.1 | |

1.1 to consider additional spectrum allocations to the mobile service on a primary basis and identification of additional frequency bands for International Mobile Telecommunications (IMT) and related regulatory provisions, to facilitate the development of terrestrial mobile broadband applications, in accordance with Resolution **233 (WRC‑12)**;

Introduction

Resolution 233 (WRC-12) called for studies to be conducted on frequency-related matters on IMT and other terrestrial mobile broadband applications, given that mobile telecommunications, including mobile broadband telecommunications, make a positive contribution to the economic and social development of the developed and the developing countries. Many administrations are carefully studying a large range of applications and systems to close the digital gap using, *inter alia*, IMT and other terrestrial mobile broadband applications.

Studies have been conducted on future spectrum needs and potential IMT candidate bands, as well as on other terrestrial mobile broadband applications. Administrations have proposed, pursuant to paragraph 2 of *resolves to invite ITU‑R* of Resolution 233 (WRC‑12), studying the following frequency bands: 470-694/698 MHz, 1 300-1 525 MHz, 1 695-1 710 MHz, 2 025-2 110 MHz, 2 200-2 290 MHz, 2 700-2 900 MHz, 2 900-3 100 MHz, 3 300-3 400 MHz, 3 400-3 600 MHz, 3 600-4 200 MHz, 4 400-4 900 MHz, 4 800-5 000 MHz, 5 350-5 470 MHz, 5 725-5 850 MHz and 5 925-6 425 MHz.

Based on the results of studies on sharing and compatibility with services already having allocations in the potential candidate bands and in adjacent bands, taking into account the current and planned use of these bands by the existing services and their necessary protection, the signatory parties propose modification of the Radio Regulations in the band 3 700-3 800 MHz.

Proposals

Based on the results of the studies on this item and the analysis thereof, the signatory parties propose conducting the regulatory amendments shown in the following proposals:

ARTICLE 5

Frequency allocations

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

MOD ARS/EGY/JOR/LBN/MRC/OMA/46/1

2 700-4 800 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| ... | 3 400-3 500  FIXED  FIXED-SATELLITE (space-to-Earth)  Amateur  Mobile 5.431A  Radiolocation 5.433  5.282 | 3 400-3 500  FIXED  FIXED-SATELLITE (space-to-Earth)  Amateur  Mobile 5.432B  Radiolocation 5.433  5.282 5.432 5.432A |
| 3 500-3 700  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  Radiolocation 5.433 | 3 500-3 600  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.433A  Radiolocation 5.433 |
| 3 600-3 700  FIXED  FIXED-SATELLITE (space-to-Earth)  Mobile |
| 3 700-3 800  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile ADD 5.XXX | 3 600-3 700  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  Radiolocation  5.435 |
| 3 700-4 200  FIXED  FIXED-SATELLITE (space to-Earth)  MOBILE except aeronautical mobile | |
|  |

ADD ARS/EGY/JOR/LBN/MRC/OMA/46/2

5.XXX The band 3 700-3 800 MHz is identified for IMT in the following countries: […..]. This identification does not preclude the use of this band by any application of the services to which it is allocated and does not establish priority in the Radio Regulations. The provisions of Nos. **9.17** and **9.18** shall apply. Before an administration brings into use a (base or mobile) station of the mobile service in this band, it shall ensure that the power flux-density (pfd) produced at 3 m above ground does not exceed −154.5 dB(W/m2 · 4 kHz) for more than 20% of time at the border of the territory of any other administration. This limit may be exceeded in the territory of any country whose administration has so agreed. Stations of the mobile service in the band 3 700-3 800 MHz shall not claim more protection from space stations than that provided in Table **21‑4** of the Radio Regulations (2012 edition).     (WRC‑15)

**Reasons:** This frequency band is allocated to the mobile service in the three Regions, and the Administrations signatory to this document wish to identify the band 3 700-3 800 MHz for IMT on a primary basis in the Table of Frequency Allocations with coordination applied under RR Nos. 9.17 and 9.18 in order to protect notified earth stations in the fixed satellite service from any potential interference from transmitting stations in the mobile service.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_