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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 | | **Addendum 3 to Document 87-E** | |
|  | | **23 October 2023** | |
|  | | **Original: English** | |
|  | | | |
| African Common Proposals | | | |
| Proposals for the work of the conference | | | |
|  | | | |
| Agenda item 1.3 | | | |

1.3to consider primary allocation of the frequency band 3 600‑3 800 MHz to the mobile service in Region 1 and take appropriate regulatory actions, in accordance with Resolution**246** **(WRC‑19)**;

Introduction

This proposal presents the African Common Proposal (AFCP) from the African group on this agenda item, as summarized below:

1) Adopt, as a matter of compromise, the following:

a) Upgrade the allocation of the frequency band 3 600-3 800 MHz in Region 1 to the mobile service on a primary basis in the Table of Frequency Allocation.

b) IMT identification with two footnotes proposing IMT identification in the frequency bands 3 600-3 700 MHz and also 3 600-3 800 MHz; countries can consider joining the respective footnote depending on their requirement.

c) Technical conditions for IMT in line with those applicable to the frequency band 3 400-3 600 MHz today (i.e. footnote RR No. **5.430A**).

d) Implementation of the Coordination Agreement can be undertaken through the Harmonized Calculation Method for Africa (HCM4A) Agreement signed by the majority of African Administrations.

2) Address the protection of the existing satellite services operating in the C-Band such as aeronautical radio services by the following mechanism:

a) Develop an implementation strategy including proposals on possible migration mechanism such as Migration Timelines and some form of compensation in lieu of the out-of-band migration that administrations may consider. Such compensation mechanisms could include arrangements where a portion of the fund accruing from the awarding of the IMT spectrum in the frequency band 3 600-3 800 MHz for the replacement of existing “obsolete” infrastructure on new frequency bands above 3 800 MHz.

b) Determine a transition period for the consideration of administrations during which IMT services shall not be deployed within some defined distances from aviation installations (exclusion zones) to protect the existing services which provide safety-of-life communications.

Proposals

ARTICLE 5

Frequency allocations

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

MOD AFCP/87A3/1

2 700-3 600 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 3 400-3 600  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile MOD 5.430A  Radiolocation | 3 400-3 500  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.431A 5.431B  Amateur  Radiolocation 5.433  5.282 | 3 400-3 500  FIXED  FIXED-SATELLITE (space-to-Earth)  Amateur  Mobile 5.432 5.432B  Radiolocation 5.433  5.282 5.432A | |
| 3 500-3 600  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.431B  Radiolocation 5.433 | 3 500-3 600  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.433A  Radiolocation 5.433 | |
| 5.431 |

MOD AFCP/87A3/2

5.430A The allocation of the frequency band 3 400-3 800 MHz in Region 1 to the mobile, except aeronautical mobile, service is subject to agreement obtained under No. **9.21**. The frequency band 3 400-3 600 MHz in Region 1 is identified for 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. In the frequency band 3 400-3 800 MHz in Region 1, the provisions of Nos. **9.17** and **9.18** shall also apply in the coordination phase. Before an administration brings into use a (base or mobile) station of the mobile service in this frequency 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 on the territory of any country whose administration has so agreed. In order to ensure that the pfd limit at the border of the territory of any other administration is met, the calculations and verification shall be made, taking into account all relevant information, with the mutual agreement of both administrations (the administration responsible for the terrestrial station and the administration responsible for the earth station) and with the assistance of the Bureau if so requested. In case of disagreement, calculation and verification of the pfd shall be made by the Bureau, taking into account the information referred to above. Stations of the mobile service in the frequency band 3 400-3 800 MHz in Region 1 shall not claim more protection from space stations than that provided in Table **21‑4** of the Radio Regulations (Edition of 2004).     (WRC‑23)

MOD AFCP/87A3/3

3 600-4 800 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 3 600-3 800  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE MOD 5.430A ADD 5.D13-D1 ADD 5.D13-D2 | 3 600-3 700  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.434  Radiolocation 5.433 | 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 | |
| 3 800-4 200  FIXED  FIXED-SATELLITE (space-to-Earth)  Mobile |

ADD AFCP/87A3/4#1401

5.D13-D1 In [Country A, Country B, Country C, …] the frequency band 3 600-3 700 MHz is identified for International Mobile Telecommunications (IMT). This identification does not preclude the use of this frequency band by any application of the services to which they are allocated and does not establish priority in the Radio Regulations. No. **5.430A** applies.     (WRC‑23).

ADD AFCP/87A3/5#1401

5.D13-D2 In [Country 1, Country 2, Country 3, …] the frequency band 3 600-3 800 MHz is identified for International Mobile Telecommunications (IMT). This identification does not preclude the use of this frequency band by any application of the services to which they are allocated and does not establish priority in the Radio Regulations. No. **5.430A** applies.     (WRC‑23.

**Reasons:** As outlined in the introduction to this proposal.

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