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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 199-E** |
|  | **30 October 2023** |
|  | **Original: English** |
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| Algeria (People's Democratic Republic of) |
| Proposals for the work of the conference |
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| Agenda item 1.1 |

1.1 to consider, based on the results of ITU‑R studies, possible measures to address, in the frequency band 4 800-4 990 MHz, protection of stations of the aeronautical and maritime mobile services located in international airspace and waters from other stations located within national territories, and to review the power flux-density criteria in No. **5.441B** in accordance with Resolution **223 (Rev.WRC‑19)**;

Introduction

Resolution **223 (Rev.WRC-19)** *invites the ITU Radiocommunication Sector*

2 *to study the technical and regulatory conditions for the protection of stations of the aeronautical mobile service (AMS) and the maritime mobile service (MMS) located in international airspace or waters (i.e. outside national territories) and operated in the frequency band 4 800-4 990 MHz*;

Accordingly, ITU-R conducted regulatory and technical studies and identified six methods to satisfy this agenda item, that are contained in the CPM Report to WRC-23.

This contribution presents the proposal from the Administration of Algeria to support Method F in the CPM Report, that is the application of No. **9.21** of the Radio Regulations (RR) and bilateral/multilateral coordination agreements with coastal States for the protection of AMS/MMS stations in international airspace and international waters.

Moreover, and in accordance with Resolution **26** **(Rev.WRC-19)**, Algeria proposes to add its name to the list of countries in RR No. **5.441B,** to identify the frequency band 4 800-4 990 MHz, or portions thereof, for the implementation of International Mobile Telecommunications (IMT).

The associated regulatory amendments are presented below.

ARTICLE 5

Frequency allocations

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

MOD ALG/199/1#1325

4 800-5 250 MHz

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| Allocation to services |
| Region 1 | Region 2 | Region 3 |
| 4 800-4 990 FIXED MOBILE 5.440A 5.441A MOD 5.441B 5.442  Radio astronomy 5.149 5.339 5.443 |

MOD ALG/199/2#1331

5.441B In Algeria, Angola, Armenia, Azerbaijan, Benin, Botswana, Brazil, Burkina Faso, Burundi, Cambodia, Cameroon, China, Côte d’Ivoire, Djibouti, Eswatini, Russian Federation, Gambia, Guinea, Iran (Islamic Republic of), Kazakhstan, Kenya, Lao P.D.R., Lesotho, Liberia, Malawi, Mauritius, Mongolia, Mozambique, Nigeria, Uganda, Uzbekistan, the Dem. Rep. of the Congo, Kyrgyzstan, the Dem. People's Rep. of Korea, Sudan, South Africa, Tanzania, Togo, Viet Nam, Zambia and Zimbabwe, the frequency band 4 800-4 990 MHz, or portions thereof, is identified for use by administrations wishing to implement 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. The use of IMT stations is subject to agreement obtained under No. **9.21** with concerned administrations, and IMT stations shall not claim protection from stations of the aeronautical mobile service. Resolution **223 (Rev.WRC-23)** applies.     (WRC-23)

**Reasons:** To reflect appropriate amendments according to Method F of the CPM Report, and adding the name of Algeria to the list of countries in RR No. **5441B**, in accordance with “further *resolves* 1” of Resolution **26** **(Rev.WRC-19)**.

MOD ALG/199/3#1333

RESOLUTION 223 (REV.WRC‑23)

Additional frequency bands identified for International
Mobile Telecommunications

The World Radiocommunication Conference (Dubai, 2023),

…

recognizing

*a)* that for some administrations the only way of implementing IMT would be spectrum refarming, requiring significant financial investment;

*b)* that the rights to international recognition and protection of any frequency assignments are derived from the recording of those frequency assignments in the Master International Frequency Register and conditioned by the provisions of the Radio Regulations,

resolves

1 to invite administrations planning to implement IMT to make available, based on user demand and other national considerations, additional frequency bands or portions of the frequency bands above 1 GHz identified in Nos. **5.341B**, **5.384A**, **5.429B**, **5.429D**, **5.429F**, **5.441A** and **5.441B** for the terrestrial component of IMT; due consideration should be given to the benefits of harmonized utilization of the spectrum for the terrestrial component of IMT, taking into account the services to which the frequency band is currently allocated;

2 to acknowledge that the differences in the texts of Nos. **5.341B**, **5.384A** and **5.388** do not confer differences in regulatory status;

3 that in the frequency bands 4 800-4 825 MHz and 4 835-4 950 MHz, in order to identify potentially affected administrations when applying the procedure for seeking agreement under No. **9.21** by IMT stations in relation to aircraft stations, a coordination distance from an IMT station to the border of another country equal to 300 km (for land path)/450 km (for sea path) applies;

4 that in the frequency band 4 800-4 990 MHz, in order to identify potentially affected administrations when applying the procedure for seeking agreement under No. **9.21** by IMT stations in relation to fixed-service stations or other ground-based stations of the mobile service, a coordination distance from an IMT station to the border of another country equal to 70 km applies,

invites the ITU Radiocommunication Sector

1 to conduct compatibility studies in order to provide technical measures to ensure coexistence between the MSS in the frequency band 1 518-1 525 MHz and IMT in the frequency band 1 492-1 518 MHz, including guidance on the implementation of frequency arrangements for IMT deployment in the frequency band 1 427-1 518 MHz, taking into account the results of these studies;

2 to study the technical and regulatory measures for facilitating sharing between terrestrial IMT stations of coastal States and stations of the AMS and the maritime mobile service (MMS) located outside the national territories of any country and operated in the frequency band 4 800-4 990 MHz, including measures based on frequency planning, and, on the basis of these studies, to develop ITU‑R Recommendations and/or Reports, as appropriate, to assist administrations willing to implement such measures;

3 to continue providing guidance to ensure that IMT can meet the telecommunication needs of developing countries and rural areas;

4 to include the results of the studies mentioned in *invites the ITU Radiocommunication Sector* above in one or more ITU-R Recommendations and Reports, as appropriate.

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