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| **World Radiocommunication Conference (WRC-19) Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
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| PLENARY MEETING | **Addendum 22 to Document 12-E** |
|  | **2 October 2019** |
|  | **Original: Russian** |
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| Regional Commonwealth in the field of Communications Common Proposals | |
| Proposals for the work of the conference | |
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| Agenda item 9.2 | |

9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:

9.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations[[1]](#footnote-1)\*; and

Introduction

In reference to § 3.1.2.2 (Notification or coordination under No. **9.21** of the Radio Regulations (RR) of IMT stations) of the Report of the Director on the activities of the Radiocommunication Sector, it is noted that:

• WRC-15 identified a number of frequency bands for IMT subject to some regulatory and technical conditions. Such conditions may include an obligation to obtain agreement under RR No. **9.21**, comply with certain pfd limits, operate on a non-interference/non-protection basis with respect to some services to which the respective frequency bands are also allocated. These conditions were established, for example, in footnotes RR Nos. **5.308A**, **5.341A**, **5.346**, **5.429F**, **5.430A** and some others.

• In order to verify such conditions during the examination of IMT notifications and distinguish IMT stations from other stations in the mobile service, the Radiocommunication Bureau (BR) introduced a new symbol for Nature of Service: ***IM*** *– IMT station in the mobile service* and informed administrations about this new symbol through Circular Letter CR/391 of 26 February 2016.

• Following the publication of the Circular Letter, the BR received questions on whether IMT stations with symbol IM can be notified in the bands allocated to the mobile service but not identified for IMT. Due to the absence in the RR of any provisions that limit the usage of IMT stations to the bands specially identified for IMT, the BR would accept notification of IMT stations in the bands non-identified for IMT.

It is therefore anticipated that the conference may wish to consider this issue and take any action it deems appropriate.

The RCC Administrations have examined the matter and note that, should the BR accept notification of IMT stations in bands not identified for IMT, the technical and regulatory requirements applicable to IMT stations, as laid down in the RR in the corresponding frequency bands, will not be verified by the BR. This entails a risk of unintentional interference. It is a situation that stems from the absence in the or Rules of Procedure of necessary provisions that would define the actions to be taken by the BR further to the notification of IMT stations from a country and/or in a frequency band in which there is no identification for IMT, despite there being an allocation to the mobile service.

The RCC Administrations are of the view that resolving the matter calls for studies and the development of appropriate regulatory provisions for application to IMT stations notified in frequency bands not identified for IMT but where there is an allocation to the mobile service.

The RCC Administrations consider the following to be possible options for resolving the matter (this list is not exhaustive):

1) Development and adoption by WRC, for IMT stations, a provision similar to RR No. **4.23** for HAPS, which excludes the notification of HAPS stations in frequency bands not identified for HAPS.

2) Recognition of IMT as a separate radio service and inclusion in the RR of the corresponding definition of a new radio service, with consequent conversion of “identification of frequency bands for IMT” to “allocation of frequency bands to the IMT service”.

3) Suppression from the RR of provisions relating to identification of frequency bands for IMT and transfer of the corresponding RR provisions into WRC Recommendations/Resolutions or ITU-R Recommendations.

4) Development and adoption of a new WRC Resolution making it incumbent upon BR to take account of conditions for sharing between radio services in the frequency bands indicated in the corresponding footnotes. (The following is an example of a possible procedure:

– Where there is no reference to a given country in the relevant footnote on the identification of a frequency band for IMT, examination of the administration’s notice for an IMT station should entail application of the same conditions for sharing of radio services as for countries for which there is an identification.

– Where there is no identification of a frequency band for the mobile service for IMT in all countries, notices for the recording of IMT stations in such frequency bands should be given an unfavourable finding by the BR.)

For the purpose of selecting one of the above options, studies need to be carried out to assess the potential consequences of applying each option, followed by the development of recommendations to WRC‑23 on selection of the most effective option and the modalities for its implementation through modification of the RR.

RCC/12A22/1

The RCC Administrations invite WRC-19 to take a decision in regard to the examination and recording of IMT stations notified to the Radiocommunication Bureau by administrations in frequency bands where the corresponding frequency band is not identified for IMT, pending a decision by a competent conference.

RCC/12A22/2

The RCC Administrations also invite WRC-19 to take a decision to include on the agenda for WRC-23 a new item on “consideration of appropriate regulatory provisions for the notification, recording and use of IMT stations in accordance with WRC Resolution [Identification]”.

RCC/12A22/3

The RCC Administrations propose the development, directly at WRC-19, of a draft WRC Resolution [Identification] taking account of the views of the other regional organizations and Member States in regard to § 3.1.2.2 (Notification or coordination under RR No. **9.21** of IMT stations) of the Report of the Director of the Radiocommunication Bureau.

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1. \* This agenda item is strictly limited to the Report of the Director on any difficulties or inconsistencies encountered in the application of the RR and the comments from administrations. [↑](#footnote-ref-1)