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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 1 to Document 8(Add.24)-E** |
|  | **16 October 2015** |
|  | **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; and

Introduction

9.2.X Modification of Resolution 212 (Rev.WRC-07)

Document CPM15-2/85 regarding the use of the bands 1 980-2 010 MHz and 2 170-2 200 MHz by the satellite and terrestrial components of IMT was not discussed by CPM15-2, on the understanding that the difficulties raised in that document would be reported to WRC-15 as part of the BR Director's report to WRC-15. That information is provided as Annex 1 to Document CMR15/4.

The bands 1 980-2 010 MHz and 2 170-2 200 MHz are the only bands accessible for deployment of the IMT satellite component in accordance with Resolution 212 (Rev.WRC-07) and are specifically referred to in Resolution 223 (Rev.WRC-12) and Resolution 225 (Rev.WRC-12) as bands identified for the satellite component of IMT. The absence of sharing/compatibility studies and of coordination procedures between the terrestrial and satellite components of IMT may jeopardize all the previous efforts of ITU-R in creating and developing the satellite component of IMT. It is proposed that the relevant studies be carried out after WRC-15 as part of the work of ITU-R.

Proposals

MOD RCC/8A24A1/1

RESOLUTION 212 (Rev.WRC‑15)

Implementation of International Mobile Telecommunications in the bands 1 885-2 025 MHz and 2 110-2 200 MHz

The World Radiocommunication Conference (Geneva, 2015),

considering

*a)* that International Mobile Telecommunications (IMT) includes IMT-2000 and IMT Advanced;

*b)* that ITU‑R, for WRC‑97, recommended approximately 230 MHz for use by the terrestrial and satellite components of IMT‑2000;

*c)* that ITU‑R studies forecast that additional spectrum may be required to support the future services of IMT-Advanced and to accommodate future user requirements and network deployments;

*d)* that ITU‑R has recognized that space techniques are an integral part of IMT;

*e)* that, in No. **5.388**, WARC‑92 identified bands to accommodate certain mobile services, now called IMT,

noting

*a)* that the terrestrial component of IMT has already been deployed in the bands 1 885-1 980 MHz, 2 010-2 025 MHz and 2 110-2 170 MHz;

*b)* that in some countries the terrestrial component of IMT has already been deployed or is being considered for deployment in the bands 1 980-2 010 MHz and 2 170-2 200 MHz;

*c)* that the satellite component of IMT has likewise already been deployed or is being considered for deployment in the bands 1 980-2 010 MHz and 2 170-2 200 MHz;

*d)* that the availability of the satellite component of IMT in the bands 1 980-2 010 MHz and 2 170-2 200 MHz simultaneously with the terrestrial component of IMT in the bands identified in No. **5.388** would improve the overall implementation and the attractiveness of IMT;

*e)* that there is a need to ensure compatibility between the satellite and terrestrial components of IMT used in different countries;

*f)* that there are difficulties involved in frequency sharing between the satellite and terrestrial components of IMT;

*g)* that there are currently no regulatory provisions for the coordination of systems belonging to the satellite and terrestrial components of IMT,

resolves

that administrations which implement IMT:

*a)* should make the necessary frequencies available for system development;

*b)* should use those frequencies when IMT is implemented;

*c)* should use the relevant international technical characteristics, as identified by ITU‑R and ITU‑T Recommendations;

*d)* should take account of the need for development and simultaneous use of the terrestrial and satellite components of IMT to ensure global coverage by IMT systems,

resolves to invite ITU‑R

to study possible technical and regulatory measures to ensure the protection of stations of the mobile-satellite service (MSS) in the frequency bands 1 980-2 010 MHz and 2 170-2 200 MHz from stations of the mobile service where those frequency bands are shared by MSS and mobile service systems in neighbouring countries, and to facilitate simultaneous development of the satellite and terrestrial components of IMT,

invites administrations

to play an active part in the ITU‑R studies in accordance with *resolves to invite ITU-R* above,

instructs the Director of the Radiocommunication Bureau

to include in his report, for consideration by WRC‑19, the results of the ITU‑R studies referred to in *resolves to invite ITU‑R* above.

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