

UNITED STATES OF AMERICA

DRAFT PRELIMINARY VIEWS ON WRC-11

AGENDA ITEM 8.1: to consider and approve the Report of the Director of the Radiocommunication Bureau:

- 8.1.1 on the activities of the Radiocommunication Sector since WRC-07;
- 8.1.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations; and
- 8.1.3 on action in response to Resolution **80 (Rev.WRC-07)**

ISSUE: Footnotes that were not changed at WRC-07 from IMT-2000 to IMT, which encompasses both IMT-2000 and IMT-Advanced.

BACKGROUND:

The Radiocommunications Assembly 2007 adopted Res. ITU-R 56 “that the term “IMT” be the root name that encompasses both IMT-2000 and IMT-Advanced collectively.” The US and CITELE positions at WRC-07 were that references in the Radio Regulations to “IMT-2000” should be changed to “IMT”.

At WRC-07, appropriate changes were made in the Footnotes and Resolutions associated with IMT-2000; so the term “IMT-2000” was changed to “IMT”. (See, for example, Res. 223, 224, 225, etc. and Footnotes 5.317A, 5.384A, etc.)

However Footnotes No. 5.388, 5.388A, and 5.388B still refer to IMT-2000. This was most likely an oversight, since the term “IMT-2000” was changed to “IMT” at WRC-07 in all the Resolutions mentioned in the Footnotes (Resolutions 212, 221, and 223).

The US submitted SC-WP/26 to the Special Committee indicating “The administration of the United States of America has encountered problems in interpreting the provisions of Radio Regulations as modified at WRC-07. WRC-07 modified Resolutions 212, 221 and 223 to specifically change the reference from “IMT-2000” to “IMT”. However, Footnotes 5.388, 5.388A, and 5.388B, which reference those modified Resolutions, still contain the term “IMT-2000”.”

As a result of the US contribution, the Special Committee produced SC-WP/TEMP/7, which said “The Working Party of the Special Committee would therefore like to bring this matter to the attention of the Director of the BR in order for it to be addressed in the

Director's Report under Agenda item 8.1.2." SC/TEMP/7 further provided proposed revisions to Article 5 of the Radio Regulations to address the issues.

U.S. VIEW: The United States is of the view that the term "IMT-2000" in Footnotes 5.388, 5.388A, and 5.388B should be changed to "IMT" to bring it in line with its referenced Resolutions and all the other IMT Footnotes revised at WRC-07 and to eliminate this inconsistency in the Radio Regulations.

Attached are the proposed changes to the Radio Regulations from SC/TEMP/7.

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations

(See No. 2.1)

MOD 1

5.388 The bands 1 885-2025 MHz and 2 110-2 200 MHz are intended for use, on a worldwide basis, by administrations wishing to implement International Mobile Telecommunications (IMT). Such use does not preclude the use of these bands by other services to which they are allocated. The bands should be made available for IMT in accordance with Resolution 212 (Rev.WRC-07), (See also Resolution 223 (Rev.WRC-07).)

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Reasons: RR 5.388 refers to Resolution 212, which was revised at WRC-07 and addresses IMT. Therefore, to be consistent with that WRC-07 decision, the reference to IMT-2000 has to be replaced by IMT in RR 5.388. Also the references to WRC Resolutions 212 and 223 need to be updated.

MOD 2

5.388A In Regions 1 and 3, the bands 1 885-1 980 MHz, 2 010-2 025 MHz and 2 110-2 170 MHz and, in Region 2, the bands 1 885-1 980 MHz and 2 110-2 160 MHz may be used by high altitude platform stations as base stations to provide International Mobile Telecommunications (IMT), in accordance with Resolution 221 (Rev. WRC-07). Their use by IMT applications using high altitude platform stations as base stations does not preclude the use of these bands by any station in the services to which they are allocated and does not establish priority in the Radio Regulations.

Reasons: RR 5.388A refers to Resolution 221, which was revised at WRC-07 and addresses IMT. Therefore, to be consistent with that WRC-07 decision, the reference to IMT-2000 has to be replaced by IMT in RR 5.388A. Also the reference to WRC Resolution 221 needs to be updated.

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MOD 3

5.388B In Algeria, Saudi Arabia, Bahrain, Benin, Burkina Faso, Cameroon, Comoros, Côte d'Ivoire, China, Cuba, Djibouti, Egypt, United Arab Emirates, Eritrea, Ethiopia, Gabon, Ghana, India, Iran (Islamic Republic of), Israel, the Libyan Arab Jamahiriya, Jordan, Kenya, Kuwait, Mali, Morocco, Mauritania, Nigeria, Oman, Uganda, Qatar, the Syrian Arab Republic, Senegal, Singapore, Sudan, Tanzania, Chad, Togo, Tunisia, Yemen, Zambia and Zimbabwe, for the purpose of protecting fixed and mobile services, including IMT mobile stations, in their territories from co-channel interference, a high altitude platform station (HAPS) operating as an IMT base station in neighbouring countries, in the bands referred to in No. 5.388A, shall not exceed a co-channel power flux-density of $-127 \text{ dB(W/(m}^2 \cdot \text{MHz))}$ at the Earth's surface outside a country's borders unless explicit agreement of the affected administration is provided at the time of the notification of HAPS.

Reasons: RR 5.388B refers to RR 5.388A, which in turn refers to Resolution 221, which was revised at WRC-07 and addresses IMT. Therefore, to be consistent with that WRC-07 decision, the reference to IMT-2000 has to be replaced by IMT in RR 5.388B.

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ARTICLE 11

Notification et inscription des assignations de fréquence^{1, 2, 3, 4, 5, 6, 7}

MOD 4

11.26A Notices relating to assignments for high altitude platform stations operating as base stations to provide IMT, in the bands identified in 5.388A shall reach the Bureau not earlier than three years before the assignments are brought into use.

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Reasons: RR 11.26A refers to RR 5.388A, which in turn refers to Resolution 221, which was revised at WRC-07 and addresses IMT. Therefore, to be consistent with that WRC-07 decision, the reference to IMT-2000 has to be replaced by IMT in RR 11.26A.

APPENDIX 5 (Rev.WRC-07)

Identification of administrations with which coordination is to be effected or agreement sought under the provisions of Article 9

ANNEX 1

TABLE 5-2

MOD 5

NOTE 3 – The coordination thresholds in the band 2 160-2 270 MHz (Region 2) and 2 170-2 200 MHz (all Regions) to protect other terrestrial services do not apply to International Mobile Telecommunications (IMT) systems, as the satellite and the terrestrial components are not intended to operate in the same area or on common frequencies within these bands.

Reasons: WRC-07 decided to use IMT as the root name for such applications.

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