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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 138-E** | |
|  | | **29 October 2023** | |
|  | | **Original: English** | |
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| Canada/United States of America | | | |
| Proposals for the work of the conference | | | |
|  | | | |
| 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 ITU Convention;

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

Introduction

WRC‑19 agenda item 9.2 considers and approves the Report of the Director of the Radiocommunication Bureau on any difficulties or inconsistencies encountered in the application of the Radio Regulations. Canada and the United States of America have reviewed the Report of the Director and provide herein to WRC‑23 for its consideration specific proposals and comments/views related to Part 2 as contained in Addendum 2 to Document WRC‑23/4. These proposals and comments/views either support BR’s proposed corrective action, where possible, or provide other measures with which to resolve a given error or inconsistency.

The proposals identify the corresponding Section to the Report of the Director for reference purposes.

Proposals

Section 2.2.3: Outdated provisions

Background

The 2020 edition of the RR contains several provisions which make reference to past dates. The concerned provisions are now obsolete. The Bureau lists in a table some RR texts that may require updates and they are brought to the attention of WRC‑23, for consideration and for undertaking appropriate updates, where required.

Canada and the United States of America provide the specific proposals below.

Section 2.2.3: Outdated provisions – Proposal on RR No. 5.461A

ARTICLE 5

Frequency allocations

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

MOD CAN/USA/138/1

5.461A The use of the band 7 450-7 550 MHz by the meteorological-satellite service (space-to-Earth) is limited to geostationary-satellite systems.     (WRC‑23)

**Reasons:** Support and provide edits for BR’s proposed corrective action.

Section 2.2.3: Outdated provisions – Proposal on RR No. 5.523A

MOD CAN/USA/138/2

5.523A The use of the bands 18.8-19.3 GHz (space-to-Earth) and 28.6-29.1 GHz (Earth-to-space) by geostationary and non-geostationary fixed‑satellite service networks is subject to the application of the provisions of No. **9.11A** and No. **22.2** does not apply. Non-geostationary-satellite networks shall not cause unacceptable interference to geostationary fixed-satellite service networks for which complete Appendix **4** notification information is considered as having been received by the Bureau prior to 18 November 1995.     (WRC‑23)

**Reasons:** Support and provide edits for BR’s proposed corrective action.

Section 2.2.3: Outdated provisions – Proposal on reference to Resolution 901

APPENDIX 5 (REV.WRC‑19)

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

MOD CAN/USA/138/3

TABLE 5-1     (Rev.WRC‑23)

Technical conditions for coordination

(see Article 9)

TABLE 5-1 (*continued*)     (Rev.WRC‑23)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference of Article 9 | Case | Frequency bands (and Region) of the service for which coordination is sought | Threshold/condition | Calculation  method | Remarks |
| No. **9.7** GSO/GSO (*cont.*) |  | 6) 18.0-18.3 GHz (Region 2) 18.1-18.4 GHz (Regions 1 and 3) | i) Bandwidth overlap, and  ii) any network in the FSS or meteorological-satellite service and any associated space operation functions (see No. **1.23**) with a space station within an orbital arc of ±8° of the nominal orbital position of a proposed network in the FSS or the meteorological-satellite service |  |  |
|  |  | 6*bis*) 21.4-22 GHz  (Regions 1 and 3) | i) Bandwidth overlap; and  ii) any network in the BSS and any associated space operation functions (see No. **1.23**) with a space station within an orbital arc of ±12° of the nominal orbital position of a proposed network in the BSS (see also Resolutions **554 (WRC‑12)** and **553 (WRC‑12)**). |  | No. **9.41** does not apply. |
|  |  | 7) Bands above 17.3 GHz, except those defined in 3), 3*bis*) and 6) | i) Bandwidth overlap, and  ii) any network in the FSS and any associated space operation functions (see No. **1.23**) with a space station within an orbital arc of ±8° of the nominal orbital position of a proposed network in the FSS (see also Resolution **901 (Rev.WRC‑15**) |  |  |

TABLE 5-1 (*continued*)     (Rev.WRC‑23)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference of Article 9 | Case | Frequency bands (and Region) of the service for which coordination is sought | Threshold/condition | Calculation  method | Remarks |
| No. **9.7** GSO/GSO (*cont.*) |  | 8) Bands above 17.3 GHz except those defined in 4), 5) and 6*bis*) | i) Bandwidth overlap, and  ii) any network in the FSS or BSS, not subject to a Plan, and any associated space operation functions (see No. **1.23**) with a space station within an orbital arc of ±16° of the nominal orbital position of a proposed network in the FSS or BSS, not subject to a Plan, except in the case of a network in the FSS with respect to a network in the FSS (see also Resolution **901 (Rev.WRC‑15**) |  |  |
|  |  | 9) All frequency bands, other than those in 1), 2), 2*bis*), 3), 3*bis*), 4), 5), 6), 6*bis)*, 7) and 8), allocated to a space service, and the frequency bands in 1), 2), 2*bis*), 3), 3*bis*), 4), 5), 6), 6*bis*), 7) and 8) where the radio service of the proposed network or affected networks is other than the space services listed in the threshold/ condition column, or in the case of coordination of space stations operating in the opposite direction of transmission | i) Bandwidth overlap, and  ii) Value of ∆*T*/*T* exceeds 6% | Appendix **8** | In application of Article 2A of Appendix **30** for the space operation functions using the guardbands defined in § 3.9 of Annex 5 of Appendix **30**, the threshold/condition specified for the FSS in the frequency bands in 2) applies.  In application of Article 2A of Appendix **30A** for the space operation functions using the guardbands defined in § 3.1 and 4.1 of Annex 3 of Appendix **30A**, the threshold/condition specified for the FSS in the frequency bands in 2) and 7) applies, as appropriate |

**Reasons:** Support and provide edits for BR’s proposed corrective action.

Section 2.2.3: Outdated provisions – Proposal on removal of suppressed footnote RR No. 5.417A

MOD CAN/USA/138/4

TABLE 5-1     (Rev.WRC‑23)

Technical conditions for coordination

(see Article 9)

TABLE 5-1 (*continued*)     (Rev.WRC-23)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference of Article 9 | Case | Frequency bands  (and Region) of the service  for which coordination  is sought | Threshold/condition | Calculation  method | Remarks |
| No. **9.11** GSO, non-GSO/ terrestrial | A space station in the BSS in any band shared on an equal primary basis with terrestrial services and where the BSS is not subject to a Plan, in respect of terrestrial services | 1 452-1 492 MHz 2 310-2 360 MHz (No. **5.393**) 2 535-2 655 MHz (No. **5.418**) 17.7-17.8 GHz (Region 2)  74-76 GHz | Bandwidths overlap: The detailed conditions for the application of No. **9.11** in the bands  2 630-2 655 MHz and 2 605-2 630 MHz are provided in Resolution **539** **(Rev.WRC‑19)** for non-GSO BSS (sound) systems pursuant to No. **5.418**, and in No. **5.418** for GSO BSS (sound) networks pursuant to those provisions.  The detailed conditions for the application  of No. **9.11** in the frequency band  1 452-1 492 MHz are provided in Resolution **761** **(Rev.WRC-19)** for Regions 1 and 3. | Check by using the assigned frequencies and bandwidths |  |
| No. **9.12**  Non-GSO/ non-GSO | A station in a non-GSO satellite network in the frequency bands for which a footnote refers to No**. 9.11A** or No. **9.12**, in respect of any other non-GSO satellite network, with the exception of coordination between earth stations operating in the opposite direction of transmission | Frequency bands for which a footnote refers to No. **9.11A** or No. **9.12** | Bandwidths overlap | Check by using the assigned frequencies and bandwidths |  |

**Reasons:** Support and provide edits for BR’s proposed corrective action.

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1. 1 This agenda sub-item is strictly limited to the Report of the Director on any difficulties or inconsistencies encountered in the application of the Radio Regulations and the comments from administrations. Administrations are invited to inform the Director of the Radiocommunication Bureau of any difficulties or inconsistencies encountered in the Radio Regulations. [↑](#footnote-ref-1)