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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 2 to Document 25(Add.20)-E** |
|  | **10 September 2015** |
|  | **Original: Arabic** |
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| Arab States Common Proposals | |
| Proposals for the work of the conference | |
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| Agenda item 9.1(9.1.2) | |

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

9.1 on the activities of the Radiocommunication Sector since WRC‑12;

9.1(9.1.2) Resolution **756 (WRC-12)** − Studies on possible reduction of the coordination arc and technical criteria used in application of No. **9.41** in respect of coordination under No. **9.7**

As part of the effort to improve the coordination process, WRC-12 decided to reduce the coordination arc in the 6/4 GHz, 14/10/11/12 GHz and 21.4-22 GHz frequency bands. Furthermore, WRC-12 decided that these two issues would be further studied in preparation for WRC-15 and in its Resolution 756 (WRC-12) *resolves to invite ITU-R*:

“1 to carry out studies to examine the effectiveness and appropriateness of the current criterion (Δ*T*/*T* > 6%) used in the application of No. **9.41** and consider any other possible alternatives (including the alternatives outlined in Annexes 1 and 2 to this Resolution), as appropriate, for the bands referred to in *recognizing e)*;

2 to study whether additional reductions in the coordination arcs in RR Appendix **5 (Rev.WRC-12)** are appropriate for the 6/4 GHz and 14/10/11/12 GHz frequency bands, and whether it is appropriate to reduce the coordination arc in the 30/20 GHz band,”

Pursuant to the results of ITU-R studies concerning paragraph 1 of *resolves to invite ITU-R* in Resolution 756 (WRC-12), the Arab States administrations expressed concerns that the variety of coordination triggers and criteria being considered, different assumptions and including some arbitrary selected values would add more complexity, in some cases if not all, to the already existing complex procedures in application of RR Articles 9 and 11. This could adversely affect the rights of some administrations in particular those of developing countries. Moreover, the workload of administrations could be increased as a result of application of selected options referred to in the WRC‑15 preparatory meeting report on this item. The Bureau’s workload in terms of application of new procedures and development of associated software would certainly be increased. Backlog in processing of notified networks, which no longer exists, may reappear as a result of application of new procedures.

Accordingly, these Administrations support no change to the Radio Regulations in relation to paragraph 1 of *resolves to invite ITU-R* in Resolution 756 (WRC-12).

As regards paragraph 2 of *resolves to invite ITU-R* in Resolution 756 (WRC-12), the Arab States administrations propose modification of Table 5-1 in Appendix 5 of the Radio Regulations as follows:

− In the frequency bands under item 1) of Table 5-1 of RR Appendix 5, reduce the coordination arc from ±8º to ±6º;

− In the frequency bands under item 2) of Table 5-1 of RR Appendix 5, reduce the coordination arc from ±7º to ±5º;

− In the frequency bands under items 3) and 7) of Table 5-1 of RR Appendix 5, reduce the coordination arc from ±8º to ±6º;

− In the frequency bands under items 4), 5), 6) and 8) of Table 5-1 of RR Appendix 5, no change.

Any administration, not identified by the Bureau under RR No. 9.36, having satellite networks outside the coordination arcs can still be included in the coordination process through the application of RR No. 9.41.

Proposals

Paragraph 1 of *resolves to invite ITU‑R* in Resolution 756 (WRC‑12):

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RADIO REGULATIONS

Paragraph 2 of *resolves to invite ITU‑R* in Resolution 756 (WRC‑12):

APPENDIX 5 (REV.WRC‑12)

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

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TABLE 5-1     (Rev.WRC‑15)

Technical conditions for coordination

(see Article 9)

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| 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 | A station in a satellite network using the geostationary-satellite orbit (GSO), in any space radiocommunication service, in a frequency band and in a Region where this service is not subject to a Plan, in respect of any other satellite network using that orbit, in any space radiocommunication service in a frequency band and in a Region where this service is not subject to a Plan, with the exception of the coordination between earth stations operating in the opposite direction of transmission | 1) 3 400-4 200 MHz 5 725-5 850 MHz (Region 1) and 5 850-6 725 MHz 7 025-7 075 MHz | i) Bandwidth overlap, and  ii) any network in the fixed-satellite service (FSS) and any associated space operation functions (see No. **1.23**) with a space station within an orbital arc of ±6° of the nominal orbital position of a proposed network in the FSS |  | With respect to the space services listed in the threshold/condition column in the bands in 1), 2), 3), 4), 5), 6), 7) and 8), an administration may request, pursuant to No. **9.41**, to be included in requests for coordination, indicating the networks for which the value of Δ*T*/*T* calculated by the method in § 2.2.1.2 and 3.2 of Appendix **8** exceeds 6%. When the Bureau, on request by an affected administration, studies this information pursuant to No. **9.42**, the calculation method given in § 2.2.1.2 and 3.2 of Appendix **8** shall be used |
| 2) 10.95-11.2 GHz 11.45‑11.7 GHz  11.7-12.2 GHz  (Region 2) 12.2-12.5 GHz  (Region 3) 12.5‑12.75 GHz (Regions 1 and 3) 12.7‑12.75 GHz (Region 2) and  13.75‑14.5 GHz | i) Bandwidth overlap, and  ii) any network in the FSS or broadcasting-satellite service (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 ±5° of the nominal orbital position of a proposed network in the FSS or BSS, not subject to a Plan |

TABLE 5-1 (*continued*)     (Rev.WRC‑15)

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| 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.*) |  | 3) 17.7‑20.2 GHz, (Regions 2 and 3),  17.3-20.2 GHz  (Region 1) and 27.5‑30 GHz | 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 ±6° of the nominal orbital position of a proposed network in the FSS |  |  |
|  |  | 4) 17.3‑17.7 GHz  (Regions 1 and 2) | i) Bandwidth overlap, and  ii) a) 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 BSS,  or  b) any network in the BSS 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 |  |  |

TABLE 5-1 (*continued*)     (Rev.WRC‑15)

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| 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.*) |  | 5) 17.7‑17.8 GHz | i) Bandwidth overlap, and  ii) a) 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 BSS,  or  b) any network in the BSS 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  NOTE – No. **5.517** applies in Region 2. |  |  |
|  |  | 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 |  |  |

TABLE 5-1 (*continued*)     (Rev.WRC‑15)

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| 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*bis*) 21.4-22 GHz  (Regions 1 and 3)    7) Bands above 17.3 GHz, except those defined in § 3) and 6) | 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)**).  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 ±6° of the nominal orbital position of a proposed network in the FSS (see also Resolution **901 (Rev.WRC‑07)**) |  | No. **9.41** does not apply. |
|  |  | 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‑07)**) |  |  |

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