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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 toDocument 86(Add.23)(Add.1)-E** |
|  | **19 October 2015** |
|  | **Original: Arabic** |
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| Sudan (Republic of the) |
| 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**

Introduction

The use of orbit spectrum resources is increasing and the difficulties in getting access to spectrum for new satellite networks is increasing accordingly. The situation is in particular severe in some frequency bands that are commonly used by many operational satellites, but there are also difficulties due to many submissions for satellite networks in other frequency bands.

The orbit spectrum resources are limited natural resources and, as such, they must be used rationally, efficiently and economically. For these reasons, improved ways to accommodate new satellite networks are sought while at the same time ensuring adequate protection of networks operating in accordance with the RR.

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 ranges. 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.”

The Sudanese Administration supports no change to the Radio Regulations with regard to *resolves* 1 and *resolves* 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

NOC SDN/86A23A1A2/1

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)*;

NOC SDN/86A23A1A2/2

resolves to invite ITU‑R

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,

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