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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 61(Add.23)(Add.1)-E** | | |
|  | **14 October 2015** | |
|  | **Original: English** | |
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| Iran (Islamic Republic of) | | |
| 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 are 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.

For these reasons, improved ways to accommodate new networks and facilitating more efficient use of the spectrum resources are sought while at the same time ensuring adequate protection of networks operating in accordance with the Radio Regulations.

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)*; and

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.

In addition to the studies specifically called for in *resolves to invite ITU-R* 1 and 2 of Resolution 756 (WRC-12), consideration should also be given to the need to keep the same criteria used in application of RR No. 9.41 and RR No. 9.7 for the frequency bands and services covered in item 9) of the frequency band column of Table 5-1 of RR Appendix 5 under provision RR No. 9.7. Consideration should also be given to the impact of such an approach on RR Article 11 (e.g. RR No. 11.32A).

It is understood that the above resolution came about due to difficulty in obtaining access to orbital and spectrum resources as caused by large number of ITU filings and unnecessary coordination. To what extent the measures, such as introduction of pfd masks and/or *C*/*I* criteria, the increase of current Δ*T*/*T* criterion, or the reduction of coordination arcs, or combination of these, will represent resolution of the difficulty while maintaining the protection of the existing and future satellite networks, as the criterion changes may result in more severe harmful interference, remains a matter within WP 4A of the ITU-R Study Group 4 to resolve in a more comprehensive way during this study period.

Regulatory and procedural considerations in respect of *resolves* 1 of Resolution 756 (WRC‑12)

NOC IRN/61A23A1A2/1

ARTICLE 9

Procedure for effecting coordination with or obtaining agreement of other administrations1, 2, 3, 4, 5, 6, 7, 8, 8*bis*    (WRC‑12)

**Reasons:** No changes to the provisions of RR Article 9 in respect of Option 1D (NOC).

NOC IRN/61A23A1A2/2

ARTICLE 11

Notification and recording of frequency   
assignments1, 2, 3, 4, 5, 6, 7, 7*bis*    (WRC‑12)

**Reasons:** No changes to the provisions of RR Article 11 in respect of Option 1D (NOC).

Iran still is of the view that use of piecemeal approach to modify/enhance the regulatory provisions governing the use of orbital/spectrum resources in space services, such as reduction of coordination arc, modification to RR No. 9.41, increasing the Δ*T*/*T* threshold criteria or changing it by another criteria (such as *C*/*I* or PFD mask) in an independent manner is not appropriate. Due to the fact that all these issues are related with each other, the implications of this interconnection should be further studied and considered in a global approach while deciding on these issues.

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