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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 13 to Document 32(Add.21)-E** |
|  | **29 September 2015** |
|  | **Original: English** |
|  | |
| Asia-Pacific Telecommunity Common Proposals | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 7 | |

7 to consider possible changes, and other options, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, an advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution **86 (Rev.WRC‑07)** to facilitate rational, efficient, and economical use of radio frequencies and any associated orbits, including the geostationary‑satellite orbit;

Issue X: Review of the orbital position limitations in Annex 7 to RR Appendix 30

Introduction

RR Appendix 30 contains provisions for use of the BSS Plans and Regions 1 and 3 List, as well as for modifying the Plan (in the case of Region 2) or the List (in the case of Regions 1 and 3). It is a self-contained Appendix, including provisions for modifying the Plan or List (Article 4), notifying Plan or List assignments and for coordinating other services in the frequency bands vis a vis the Plan and List (Articles 6 and 7). RR Appendix 30 also contains detailed criteria for sharing between the Plan/List and other services. In particular, the relevant provisions and associated technical criteria for Annex 7 to Appendix 30 is:

– orbital position limitations on modifications to the BSS Plan or List; specifically applicable to Region 2 BSS in 12.2-12.7 GHz and to Region 1 BSS in 11.7-12.2 GHz. Annex 7 also contains associated e.i.r.p. limits for Region 1 BSS in a portion of the arc.

The review under this issue is on the orbital position limitations on modifications to the BSS Plans and List contained Annex 7 to RR Appendix 30. These limitations were designed to facilitate sharing with the fixed-satellite service (FSS) in the shared part of the orbital arc between the Regions. In the Ku band frequencies, the BSS allocations are not global, for example, 11.7-12.2 GHz is BSS in Region 1 and FSS in Region 2. These orbital position limitations were maintained at WRC-2000 during the last Regions 1 and 3 planning conference, as during a planning conference, many new BSS slots could be adopted at once which could significantly limit the future access of FSS to the shared portion of the orbital arc.

APT Members support no change to Appendix 30 of the Radio Regulations under this issue.

Proposal

APPENDIX 30 (REV.WRC‑12)\*

Provisions for all services and associated Plans and List1 for  
the broadcasting-satellite service in the frequency bands  
11.7-12.2 GHz (in Region 3), 11.7-12.5 GHz (in Region 1)  
         and 12.2-12.7 GHz (in Region 2)    (WRC‑03)

NOC ASP/32A21A13/1

ANNEX 7     (Rev.WRC‑03)

Orbital position limitations

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