
PLENARY MEETING

**Addendum 10 to
Document 6367(Add.19)-
E
6 September 2019
Original: English**

Member States of the Inter-American Telecommunication Commission (CITEL)

PROPOSALS FOR THE WORK OF THE CONFERENCE

Agenda item 7(J)

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)**, in order to facilitate rational, efficient and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit;

7(J) Issue J - Pfd limit in Section 1, Annex 1 of RR Appendix **30**

BACKGROUND

Issue J deals with the possibility of the exceedance of the power flux-density (pfd) limit of -103.6 dB(W/(m² · 27 MHz)) which was established for use in Regions 1 and 3 in order to protect BSS networks outside the coordination arc of ± 9 degrees. In the case that an administration applies the relevant provisions of RR Article 23 to request the exclusion of its territory from the service areas of BSS networks of other administrations, such BSS networks of other administrations are not entitled to be protected within the territory of the objecting administration. According to the idea above, the pfd limit of -103.6 dB(W/(m² · 27 MHz)) may be exceeded only within the national territory of the notifying administration providing that, on the border areas and other territory of another country, this pfd limit is not exceeded.

Under WRC-19 agenda item 7 Issue J, two methods are provided. Method J1 proposes modifications to Section 1, Annex 1 of RR Appendix 30 and Method J2 proposes no changes to the Radio Regulations.

APPENDIX 30 (REV.WRC-15)*

**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 IAP/6367A19A10/1

ANNEX 1 (REV.WRC-15)

**Limits for determining whether a service of an administration is affected
by a proposed modification to the Region 2 Plan or by a proposed
new or modified assignment in the Regions 1 and 3 List
or when it is necessary under this Appendix to seek
the agreement of any other administration²⁵**

(See Article 4)

Given that WRC-19 Agenda Item 7, Issue J is a Regions 1 and 3 only issue, no change is proposed for Region 2. Furthermore, any changes made to the Radio Regulations under WRC-19 agenda item 7 Issue J must not impact the Region 2 Plan in Appendix 30.

Reasons: In order to protect the services offered in Region 2, changes that are made only in Regions 1 and 3 should not modify the procedural conditions for Region 2 within the framework of the matter. Therefore, it is proposed not to implement any change (NOC) that could affect the procedures in Region

* The expression “frequency assignment to a space station”, wherever it appears in this Appendix, shall be understood to refer to a frequency assignment associated with a given orbital position. See also Annex 7 for the orbital limitations. (WRC-2000)

¹ The Regions 1 and 3 List of additional uses is annexed to the Master International Frequency Register (see Resolution **542 (WRC-2000)****). (WRC-03)

** *Note by the Secretariat:* This Resolution was abrogated by WRC-03.

Note by the Secretariat: Reference to an Article with the number in roman is referring to an Article in this Appendix.

²⁵ With respect to this Annex, except for Section 2, the limits relate to the power flux-density which would be obtained assuming free-space propagation conditions.

With respect to Section 2 of this Annex, the limit specified relates to the overall equivalent protection margin calculated in accordance with § 2.2.4 of Annex 5.