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| **World Radiocommunication Conference (WRC-19) Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
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| PLENARY MEETING | **Addendum 10 to Document 16(Add.19)-E** |
|  | **8 October 2019** |
|  | **Original: English** |
|  | |
| European Common Proposals | |
| 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**

Introduction

This document presents the European Common Proposal for the WRC-19 agenda item 7 Issue J.

CEPT has concluded that the pfd limit of −103.6 dB(W/(m2 · 27 MHz)) referred to in the first paragraph of Section 1 of Annex 1 to RR Appendix **30** is a hard limit that shall not be exceeded on the border areas and other territory under jurisdiction of any other administration, in order to protect broadcasting-satellite service (BSS) assignments from interference that may be caused by BSS networks located outside an arc of 9 around a wanted BSS network.

In the case that any administration reports that this limit is exceeded over the territory under its jurisdiction, the administration which operates assignments with exceedance of pfd upon receipt of the report of exceedance of the pfd shall immediately reduce the exceedance to an acceptable level over the territory of the administration which reported the exceedance of pfd.

The European Proposal corresponds to No Change to Annex 1 of RR Appendix **30**.

Proposals

APPENDIX 30 (REV.WRC‑15)[[1]](#footnote-1)\*

Provisions for all services and associated Plans and List[[2]](#footnote-2)1 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)

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 administration[[3]](#footnote-3)25

NOC EUR/16A19A10/1#50132

# 1 Limits for the interference into frequency assignments in conformity with the Regions 1 and 3 Plan or with the Regions 1 and 3 List or into new or modified assignments in the Regions 1 and 3 List

**Reasons:** CEPT notes that the limit of −103.6 dB(W/(m2 · 27 MHz)) on the border areas and other territory under jurisdiction of any other administration shall not be exceeded. In the case that any administration reports that this limit is exceeded over the territory under its jurisdiction, the administration which operates assignments with exceedance of pfd upon receipt of the report of exceedance of the pfd shall immediately reduce the exceedance to an acceptable level over the territory of the administration which reported the exceedance of pfd.

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1. \* 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) [↑](#footnote-ref-1)
2. 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. [↑](#footnote-ref-2)
3. 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. [↑](#footnote-ref-3)