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**PLENARY MEETING**

**Addendum 10 to  
Document 6230(Add.22)-  
E  
9 October 2023  
Original: English**

## **African Common Proposals**

### **PROPOSALS FOR THE WORK OF THE CONFERENCE**

#### **Agenda item 7(H)**

7 to consider possible changes, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, on 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 the rational, efficient and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit;

7(H) Topic H - Enhanced protection of RR Appendices **30/30A** in Regions 1 and 3 and RR Appendix **30B**

APPENDIX 30 (REV.WRC-19)\*

**Provisions for all services and associated Plans and List<sup>1</sup> 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)

MOD AFCP/6230A22A10/1

ARTICLE 4 (REV.WRC-~~19~~23)

**Procedures for modifications to the Region 2 Plan or  
for additional uses in Regions 1 and 3<sup>3</sup>**

ADD AFCP/6230A22A10/2

4.1.10e The course of action described in §§ 4.1.10a to 4.1.10d does not apply to an assignment in the Plan in Regions 1 and 3 or an assignment intended to enter in the Regions 1 and 3 Plan. (WRC-23)

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\* 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)

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

<sup>\*\*</sup> *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.

<sup>3</sup> The provisions of Resolution **49 (Rev.WRC-15)** apply. (WRC-15)

ANNEX 1 (REV.WRC-19)

**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<sup>25</sup>**

MOD AFCP/6230A22A10/3

**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**

...

b) the effect of the proposed new or modified assignments in the List is that the equivalent downlink protection margin<sup>27</sup> corresponding to a test point of its assignment in the Regions 1 and 3 Plan or List, or for which the procedure of Article 4 has been initiated, including cumulative effect of any previous modification to the List or any previous agreement, does not fall more than 0.45~~XX~~ dB below 0 dB or, if already negative, more than 0.45~~XX~~ dB below the value resulting from:

- the Regions 1 and 3 Plan and List as established by WRC-2000; *or*
- a proposed new or modified assignment to the List in accordance with this Appendix; *or*
- a new entry in the Regions 1 and 3 List as a result of a successful application of Article 4 procedures.

NOTE – In performing the calculation, the effect at the receiver input of all the co-channel and adjacent-channel signals is expressed in terms of one equivalent co-channel interfering signal. This value is usually expressed in decibels. (WRC-03)

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<sup>25</sup> 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.

[XX For protection of an assignment in the Regions 1 and 3 Plan or an assignment with national coverage from a submission of non-national coverage, 0.25 dB shall be used instead. \(WRC-23\)](#)

APPENDIX 30A (REV.WRC-19)\*

**Provisions and associated Plans and List<sup>1</sup> for feeder links for the broadcasting-satellite service (11.7-12.5 GHz in Region 1, 12.2-12.7 GHz in Region 2 and 11.7-12.2 GHz in Region 3) in the frequency bands 14.5-14.8 GHz<sup>2</sup> and 17.3-18.1 GHz in Regions 1 and 3, and 17.3-17.8 GHz in Region 2 (WRC-03)**

**ADD AFCP/6230A22A10/4**

4.1.10e An administration may at any time during or after the above-mentioned four-month period inform the Bureau about its objection to being included in the service area of any assignment, even if this assignment has been entered in the List. The Bureau shall then inform the administration responsible for the assignment and exclude the territory and test points that are within the territory of the objecting administration from the service area. The Bureau shall update the reference situation without reviewing the previous examinations. (WRC-23)

ANNEX 1 (REV.WRC-19)

**Limits for determining whether a service of an administration is considered to be affected by a proposed modification to the Region 2 feeder-link Plan or by a proposed new or modified assignment in the Regions 1 and 3 feeder-link List or when it is necessary under this Appendix to seek the agreement of any other administration (Rev.WRC-03)**

**MOD AFCP/6230A22A10/5**

**4 Limits to the interference into frequency assignments in conformity with the Regions 1 and 3 feeder-link Plan or with the Regions 1 and 3 feeder-link List or proposed new or modified assignments in the Regions 1 and 3 feeder-link List (WRC-03)**

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However, an administration is not considered as being affected if, under assumed free-space propagation conditions, the effect of the proposed new or modified assignments in the feeder-link

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\* 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. (WRC-03)

<sup>1</sup> The Regions 1 and 3 feeder-link 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.

<sup>2</sup> This use of the band 14.5-14.8 GHz is reserved for countries outside Europe.

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

List is that the feeder-link equivalent protection margin<sup>35</sup> corresponding to a test point of its assignment in the feeder-link Plan or the feeder-link List or for which the procedure of Article 4 has been initiated, including the cumulative effect of any previous modification to the feeder-link List or any previous agreement, does not fall more than 0.45~~XX1~~ dB below 0 dB, or, if already negative, more than 0.45~~XX1~~ dB below the value resulting from:

- the Regions 1 and 3 feeder-link Plan and List as established by WRC-2000; *or*
- a proposed new or modified assignment to the feeder-link List in accordance with this Appendix; *or*
- a new entry in the Regions 1 and 3 feeder-link List as a result of the successful application of Article 4 procedures. (WRC-03)

For a proposed new or modified assignment to the feeder-link List, in the interference analysis, for each test point, the antenna characteristics described in § 3.5 of Annex 3 shall apply. (WRC-03)

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<sup>35</sup> For the definition of the equivalent protection margin, see § 1.7 of Annex 3.

~~XX1~~ For protection of an assignment in the Regions 1 and 3 feeder-link Plan or an assignment with national coverage from a submission of non-national coverage, 0.25 dB shall be used instead. (WRC-23)

APPENDIX 30B (REV.WRC-19)

**Provisions and associated Plan for the fixed-satellite service  
in the frequency bands 4 500-4 800 MHz, 6 725-7 025 MHz,  
10.70-10.95 GHz, 11.20-11.45 GHz and 12.75-13.25 GHz**

ARTICLE 6 (REV.WRC-19)

**Procedures for the conversion of an allotment into an assignment, for  
the introduction of an additional system or for the modification of  
an assignment in the List<sup>1, 2, 2bis</sup> (WRC-19)**

**MOD AFCP/6230A22A10/6**

6.15bis The course of action described in §§ 6.13 to 6.15 ~~de~~does not apply to the agreement requested under § 6.6 or to allotments in the Plan or an assignment treated under Article 6 in accordance with § 7.7 of Article 7. (WRC-1923)

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<sup>1</sup> If the payments are not received in accordance with the provisions of Council Decision 482, as amended, on the implementation of cost recovery for satellite network filings, the Bureau shall cancel the publication specified in § 6.7 and/or 6.23 and the corresponding entries in the List under § 6.23 and/or 6.25, as appropriate, and reinstate any allotments back into the Plan after informing the administration concerned. The Bureau shall inform all administrations of such action and that the network specified in the publication in question no longer has to be taken into consideration by the Bureau and other administrations. The Bureau shall send a reminder to the notifying administration not later than two months prior to the deadline for the payment in accordance with the above-mentioned Council Decision 482, unless the payment has already been received. See also Resolution **905 (WRC-07)**\*.

\* *Note by the Secretariat:* This Resolution was abrogated by WRC-12.

<sup>2</sup> Resolution **49 (Rev.WRC-15)** applies. (WRC-15)

*2bis* Resolution **170 (WRC-19)** applies. (WRC-19)