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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
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| PLENARY MEETING | | **Addendum 7 to Document 65(Add.22)-E** | |
|  | | **30 October 2023** | |
|  | | **Original: English** | |
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| European Common Proposals | | | |
| PROPOSALS FOR THE WORK OF THE CONFERENCE | | | |
|  | | | |
| Agenda item 7(E) | | | |

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(E) Topic E – RR Appendix **30B** improved procedures for new Member States

Introduction

WRC-19 introduced Resolution **170 (WRC-19)** which offers preferential conditions for administrations having no network in the RR Appendix **30B** List and which wants to convert their allotment in the Plan into an assignment with modifications outside the envelope of the initial allotment while restricted to providing service to its national territory. However, after WRC‑19 administrations found difficulty adding their new allotment to the Plan with the current procedures of Articles 6 and 7 of RR Appendix **30B** and also those including in Resolution **170 (WRC‑19)**. Resolution **170 (WRC‑19)** does not address a situation when a pending Article 6 network, having higher priority than a proposed new allotment, may enter in the List at a later stage and degrade the reference situation of that proposed new allotment.

Article 7 of RR Appendix **30B** contains a procedure for the addition of a new allotment to the Plan for a new Member State of the Union.

While earth station diameters and power densities of afore mentioned submissions of administrations wishing to convert their allotment in the Plan into an assignment could be more or less the same as a normal additional system, and are typically 1.8 m in C-band and 0.6 m in Ku‑band with minimum values submitted to the Radiocommunication Bureau (BR) up to 0.6 m in C‑band and 0.2 m in Ku-bandin terms of antenna diameters, earth station diameters of a proposed new allotment to the Plan for a new Member State of the Union on the contrary should have an earth station diameters of 5.5 m in C-band and 2.7 m in Ku-band.

Under this Topic of WRC‑23 agenda item 7, it is considered to improve the procedure in Article 7 of RR Appendix **30B** (Rev.WRC‑19) for new ITU Member States to obtain a national allotment like other ITU Member States that already have national allotment in the fixed-satellite service (FSS) Plan.

CEPT proposes to grant new ITU Member States the same privileges as those granted by WRC‑19 to administrations having no assignments in the RR Appendix **30B** List or under coordination.

With that aim, CEPT proposes a number of regulatory measures in order to accommodate a proposed new allotment based on the principles of coordination.

These measures are proposed to be incorporated in Article 7 of RR Appendix **30B** with the addition of a new Annex to RR Appendix **30B**.

It should be specifically noted that it is proposed that only test-points would be considered by the BR in its technical and regulatory examination of a proposed new allotment. The reason is that the satellite antenna beam of the new allotment is a minimum ellipse established by the BR with antenna pattern as specified in section 1.7 of Annex 1 to RR Appendix **30B**. Therefore, grid points should not be taken into account in the examination of the new allotment.

Proposals

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

MOD EUR/65A22A7/1#2024

ARTICLE 6     (REV.WRC‑23)

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[[1]](#footnote-1)1, [[2]](#footnote-2)2, [[3]](#footnote-3)2*bis*,[[4]](#footnote-4)2*ter*     (WRC‑23)

ARTICLE 7     (REV.WRC‑15)

Procedure for the addition of a new allotment to the Plan  
for a new Member State of the Union

NOC EUR/65A22A7/2#2025

7.1 The administration of a country[[5]](#footnote-5)\*\* which has joined the Union as a Member State and does not have a national allotment in the Plan[[6]](#footnote-6)9 or an assignment stemming from the conversion of an allotment shall obtain a national allotment by the following procedure.     (WRC‑15)

NOC EUR/65A22A7/3#2026

7.2 The administration shall submit its request for an allotment to the Bureau, with the following information:

*a)* the geographical coordinates of not more than 20 test points for determining the minimal ellipse to cover its national territory;

*b)* the height above sea level of each of its test points;

*c)* any special requirement which is to be taken into account to the extent practicable.

NOC EUR/65A22A7/4#2027

7.3 Upon receipt of the complete information (mentioned in § 7.2 above), the Bureau shall expeditiously and ahead of submissions for which the examination under § 6.5 has not yet started, identify appropriate technical characteristics and associated orbital locations for a prospective national allotment. The Bureau shall send this information to the requesting administration.

NOC EUR/65A22A7/5#2028

7.4 Upon receipt of the Bureau’s response under § 7.3, the requesting administration shall, within thirty days, indicate which of the proposed orbital locations with the associated technical parameters as identified by the Bureau it has selected. During this period, the requesting administration may at any time seek the assistance of the Bureau.

MOD EUR/65A22A7/6#2029

7.4*bis* If a selection for an allotment under § 7.4 has not been received by the Bureau within the specified time-limit referred to in § 7.4 above, the Bureau shall resume examination of submissions under § 6.5, or subsequent submission under Article 7, as appropriate, and inform the requesting administration that its request will be processed under § 7.5 when the Bureau is informed about the selected orbit location.

MOD EUR/65A22A7/7

7.5 Upon receipt of a request under § 7.4, the Bureau shall process the request ahead of submissions for which the examination under § 6.5 has not yet started and, using Annexes 3 and 7, examine it with respect to its conformity with:

*a)* the Table of Frequency Allocations and the other provisions[[7]](#footnote-7)10 of the Radio Regulations, except those provisions relating to conformity with the fixed-satellite service Plan which are the subject of the following subparagraph;

*b)* allotments in the Plan;

*c)* assignments which appear in the List;

*d)* assignments for which the Bureau has previously received complete information and which have been examined, or are at the stage of examination under § 6.5.

NOC EUR/65A22A7/8#2031

7.6 When the examination under § 7.5 leads to a favorable finding, the Bureau shall enter the national allotment of the new Member State of the Union in the Plan and publish the characteristics of the allotment concerned and the result of its examination in a Special Section of the BR IFIC with the updated reference situation.

MOD EUR/65A22A7/9#2032

7.7 In the event that the Bureau’s findings under § 7.5 are unfavourable, the proposed allotment of the Member State shall be treated as a submission under § 6.1 and shall be treated by the Bureau ahead of any other submissions received under Article 6, except for submissions which were already under examination under § 6.5 by the Bureau at the time of completion of the examination of the request of the new Member State under § 7.5. During the Article 6 procedure for the proposed allotment of the new Member State of the Union, the additional provisions contained in §§ 8 and 9 of Attachment 1 to Resolution **170 (Rev.WRC‑23)** shall apply and the measures and technical criteria specified in Annex 7 shall be used during technical examinations at the various stages of Article 6.

ADD EUR/65A22A7/10

ANNEX 7     (WRC‑23)

Additional measures in order to facilitate the addition of a new allotment   
to the Plan for a new Member State of the Union

The following additional measures shall be applied by the Bureau and administrations in relation to a request for a new allotment under Article 7:

*a)* The power density of a proposed new allotment shall be limited to a single minimum value to meet the carrier-to-noise (*C*/*N*) objectives and an overall aggregate carrier-to-interference value of 21 dB as indicated in Annex 1 to Appendix **30B**.

*b)* Criteria contained in Appendices 1 and 2 of Attachment 1 to Resolution **170 (Rev.WRC-23)** shall apply. Moreover, an assignment shall not be considered as being affected if either single-entry carrier-to-interference ((*C*/*I*)*d* and (*C*/*I*)*u*) or overall aggregate carrier-to-interference ((*C*/*I*)*agg*) is met. The Bureau shall not update the reference situation of Article 6 satellite network(s) identified as affected based on the criteria of Resolution **170 (Rev.WRC-23)** when a proposed new allotment enters in the List and/or the Plan.

*c)* For a proposed new allotment received after 15 December 2023:

– paragraphs *b)* above and *e)* below shall not be applicable by the Bureau for the identification of assignments in the List;

– paragraph *d)* below shall not be applicable by the Bureau in respect of assignments entered in the List before 1 January 2017.

*d)* Only uplink and downlink test points are considered by the Bureau in its technical and regulatory examination of a proposed new allotment.

*e)* An affected administration shall accept interference produced to test point(s) of its additional system located within the −3 dB antenna gain contour of a minimum ellipse of a proposed new allotment under examination. The Bureau shall not take into account those test points in its technical and regulatory examination of a proposed new allotment.

*f)* The notifying administration of a pending Article 6 network examined before a proposed new allotment shall make their utmost efforts to protect the reference situation of that proposed new allotment, recognizing that some of pending Article 6 networks could be in the final stages of implementation. The notifying administration may request the assistance of the Bureau.

*g)* In case an allotment is identified as being affected by a proposed new allotment, if the requesting administration insists, a remark should be inserted indicating that an agreement shall be reached before the proposed new allotment is brought into use under Article 8 of Appendix **30B**. In such cases, in updating the reference situation of that allotment, the Bureau shall not take into account the interference from the proposed new allotment.

*h)* The Bureau shall apply the same course of action of footnote 7*bis* to § 6.21*c)* of Article 6 to review the coordination status of the proposed new allotment when any remaining affected networks enter in the List after the proposed new allotment had entered in the List.

MOD EUR/65A22A7/11#2033

RESOLUTION 170 (Rev.WRC‑23)

Additional measures for satellite networks in the fixed-satellite service  
in frequency bands subject to Appendix 30B for the enhancement  
of equitable access to these frequency bands

The World Radiocommunication Conference (Dubai, 2023),

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ATTACHMENT 1 TO   
RESOLUTION 170 (Rev.WRC‑23)

…

APPENDIX 1 TO ATTACHMENT 1 TO   
RESOLUTION 170 (REV.WRC‑23)

…

appendix 2 to aTTACHMENT 1 TO   
RESOLUTION 170 (Rev.WRC‑23)

Protection criteria for a new incoming network

| Incoming network | Allotments or assignments to be protected | Protection criteria |
| --- | --- | --- |
| Assignment applying the special procedure or allotment proposed under Article 7 of Appendix **30B** | Allotment in the Plan | Annex 4 of Appendix **30B** |
| Assignment converted from allotment without modification | Annex 4 of Appendix **30B** |
| Assignment converted from allotment with modification within the envelope of the allotment | Annex 4 of Appendix **30B** |
| Assignment converted from allotment with modification outside the envelope of the allotment and the special procedure applied | Annex 4 of Appendix **30B** |
| Assignment converted from allotment with modification outside the envelope of the allotment and the special procedure NOT applied | New criteria specified in this Resolution |
| Former existing system | Annex 4 of Appendix **30B** |
| Additional system for which the special procedure applied | Annex 4 of Appendix **30B** |
| Additional system with frequency assignments recorded in the List until 22 November 2019 with service area limited to national territories for which the special procedure NOT applied | Annex 4 of Appendix **30B** |
| Additional system with frequency assignments submitted under item 6.1 of Appendix **30B** with service area limited to national territories for which the special procedure NOT applied | New criteria specified in this Resolution |
| Additional system with frequency assignments with service area beyond national territories for which the special procedure NOT applied | New criteria specified in this Resolution |
| Request under Article 7 but transferred to Article 6 | Annex 4 of Appendix **30B** |
| New allotment through the application of § 6.35 | Annex 4 of Appendix **30B** |
| Conversion of allotment or new additional system for which the special procedure NOT applied | All | Annex 4 of Appendix **30B** |

ATTACHMENT 2 TO RESOLUTION 170 (REV.WRC‑23)

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1. 1 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. [↑](#footnote-ref-1)
2. 2 Resolution **49 (Rev.WRC‑15)** applies.      (WRC‑15) [↑](#footnote-ref-2)
3. 2*bis* Resolution **170** **(WRC‑19)** applies.     (WRC-19) [↑](#footnote-ref-3)
4. 2*ter* In respect of proposed allotments by new Member States of the Union under Article 7 of this Appendix, special provisions as outlined in that Article apply.     (WRC‑23) [↑](#footnote-ref-4)
5. \*\* This procedure may be applied by Palestine to obtain an allotment in the Appendix **30B** Plan. Such allotment is for exclusive use by Palestine, in accordance with the Israeli-Palestinian Interim Agreement of 28 September 1995, Resolution 741 of the Council notwithstanding, and Resolution 99 (Rev. Antalya, 2006) of the Plenipotentiary Conference. This is without prejudice of future agreements between the State of Israel and Palestine. [↑](#footnote-ref-5)
6. 9 (SUP - WRC-15) [↑](#footnote-ref-6)
7. 10 The “other provisions” shall be identified and included in the Rules of Procedure. [↑](#footnote-ref-7)