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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 10 to Document 111(Add.22)-E** | |
|  | | **29 October 2023** | |
|  | | **Original: Chinese** | |
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| China (People's Republic of) | | | |
| 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**

Introduction

Topic H under agenda item 7 contains the following two parts:

1) reviewing the possible removal of the provisions associated with implicit agreement in Regions 1 and 3 RR Appendices **30**/**30A** and RR Appendix **30B**, where appropriate (H1): there are four methods in the CPM Report. Method H1A proposes no change to the Radio Regulations. Method H1B proposes to remove implicit agreement fortheRR **AP30**/**30A** Plan assignments or RR **AP30B** Plan allotments (with two options). Method H1C proposes to replace the implicit agreement with a new mechanism. Method H1D is similar to Method H1C but with some additional elements;

2) consideration of applying a degradation tolerance of 0.25 dB in terms of the Equivalent Protection Margin (EPM) degradation for assignments in the Regions 1 and 3 RR Appendix **30**/**30A** Plan, as opposed to the current trigger of 0.45 dB (H2): there are two methods in the CPM Report. Method H2A proposes no change to the Radio Regulations, while Method H2B proposes to change the EPM degradation tolerance from 0.45 dB to 0.25 dB.

Proposals

With respect to subtopic H1, China supports Method H1C of the CPM Report but is willing to consider parts of Method H1B Option 1. With respect to subtopic H2, China supports Method H2A of the CPM Report in view of the difficulties of notifying additional systems again after the 30-year regulatory period defined in § 4.1.24.

China proposes the following modifications to the Radio Regulations.

APPENDIX 30 (REV.WRC‑19)[[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)

MOD CHN/111A22A10/1#2086

ARTICLE 4     (Rev.WRC--23)

Procedures for modifications to the Region 2 Plan or   
for additional uses in Regions 1 and 3[[3]](#footnote-3)3

**Reasons:** It is in line with Method H1C of the CPM Report.

## 4.1 Provisions applicable to Regions 1 and 3

MOD CHN/111A22A10/2#2087

4.1.10d If no decision is communicated to the Bureau within 30 days after the date of dispatch of the reminder under § 4.1.10b and the identification is of:

– an assignment in the Regions 1 and 3 Plan, it shall be deemed that the administration which has not given a decision has no objection to the proposed assignment and an agreement under § 4.1.13*bis* is considered as concluded between the administration of the affected assignment in the Regions 1 and 3 Plan and the notifying administration of the proposed assignment; or

– an assignment not in the Regions 1 and 3 Plan, it shall be deemed that the administration which has not given a decision has agreed to the proposed assignment.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/3#2088

4.1.13*bis* When an agreement under this provision is concluded with an administration of the affected assignment in the Regions 1 and 3 Plan, the notifying administration of the proposed assignment shall commit to respect a power flux-density limit shown in Annex 1 at any point within the territory, situated inside the −3 dB contour of the associated beam area, of the administration whose assignment was the basis of the disagreement at the date on which the frequency assignment in the Regions 1 and 3 Plan is to be brought into use, as communicated under § 5.1.10*bis* or within 12 months of the date of dispatch of the telefax sent under § 5.1.10*bis*, whichever comes later.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/4#2089

4.1.13*ter* Upon the conclusion of agreements under § 4.1.13*bis*, when entering the assignment in the List, the Bureau shall indicate those administrations whose assignments in the Regions 1 and 3 Plan were the basis of the agreement.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/5#2090

4.1.30 When an assignment is entered in the List referred to in § 4.1.13*ter*, that assignment shall not be taken into account in updating the reference situation of those assignments in the Regions 1 and 3 Plan with which an agreement under § 4.1.13*bis* was concluded.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/6#2091

4.1.31If the Bureau is informed that a commitment under § 4.1.13*bis* is not respected by an assignment in the List, the Bureau shall immediately consult with the administration responsible for this assignment, requesting immediate respect of the conditions specified in § 4.1.13*bis*.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/7#2092

4.1.32 If, in spite of the application of § 4.1.31, conditions specified in § 4.1.13*bis* are still not respected by an assignment in the List, the Bureau shall immediately inform the Radio Regulations Board.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

MOD CHN/111A22A10/8#2093

ARTICLE 5     (rev.WRC‑23)

Notification, examination and recording in the Master International  
Frequency Register of frequency assignments to space stations  
in the broadcasting-satellite service[[4]](#footnote-4)18     (WRC‑07)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/9#2094

5.1.6*bis* Upon receipt of a complete notice, the Bureau shall immediately send a telefax to administrations which applied § 4.1.13*bis* with regard to this notice, if any. This telefax shall inform the concerned administrations of the notification under § 5.1.1 of this notice and the date on which the frequency assignment, subject of § 4.1.13*bis* agreement, is planned to be brought into use.(WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

APPENDIX 30A (REV.WRC‑19)[[5]](#footnote-5)\*

Provisions and associated Plans and List[[6]](#footnote-6)1 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[[7]](#footnote-7)2 and 17.3-18.1 GHz in Regions 1 and 3,  
and 17.3-17.8 GHz in Region 2     (WRC‑03)

MOD CHN/111A22A10/10#2095

ARTICLE 4     (Rev.WRC‑23)

Procedures for modifications to the Region 2 feeder-link Plan   
or for additional uses in Regions 1 and 3

**Reasons:** It is in line with Method H1C of the CPM Report.

MOD CHN/111A22A10/11#2096

4.1.10d If no decision is communicated to the Bureau within 30 days after the date of dispatch of the reminder under § 4.1.10b and the identification is of:

– an assignment in the Regions 1 and 3 Plan, it shall be deemed that the administration which has not given a decision has no objection to the proposed assignment and an agreement under § 4.1.13*bis* is considered as concluded between the administration of the affected assignment in the Regions 1 and 3 Plan and the notifying administration of the proposed assignment; or

– an assignment not in the Regions 1 and 3 Plan, it shall be deemed that the administration which has not given a decision has agreed to the proposed assignment.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/12#2097

4.1.13*bis* When an agreement under this provision is concluded with the administration of an affected assignment in the Regions 1 and 3 Plan, the notifying administration shall commit to respect a power flux-density of −197.0 − GRx[[8]](#footnote-8)zz dB(W/(m2 ⸱ Hz)) arriving at the receiving space station of the administration whose assignment was the basis of the disagreement at the date on which the frequency assignment in the Regions 1 and 3 Plan is to be brought into use communicated under § 5.1.10*bis* or within 12 months of the date of dispatch of the telefax sent under § 5.1.10*bis*, whichever comes later.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/13#2098

4.1.13*ter* Upon the conclusion of agreements under § 4.1.13*bis*, when entering the assignment in the List, the Bureau shall indicate those administrations whose assignments in the Regions 1 and 3 Plan were the basis of the agreement.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/14#2099

4.1.30 When an assignment is entered in the List referred to in § 4.1.13*ter*, that assignment shall not be taken into account in updating the reference situation of those assignments in the Regions 1 and 3 Plan with which an agreement under § 4.1.13*bis* was concluded.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/15#2100

4.1.31If the Bureau is informed that a commitment under § 4.1.13*bis* is not respected by an assignment in the List, the Bureau shall immediately consult with the administration responsible for this assignment, requesting immediate respect of the conditions specified in § 4.1.13*bis*.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/16#2101

4.1.32 If, in spite of the application of § 4.1.31, conditions specified in § 4.1.13*bis* are still not respected by an assignment in the List, the Bureau shall immediately inform the Radio Regulations Board.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

MOD CHN/111A22A10/17#2102

ARTICLE 5     (Rev.WRC‑23)

Coordination, notification, examination and recording in the Master  
International Frequency Register of frequency assignments to  
feeder-link transmitting earth stations and receiving  
space stations in the fixed-satellite service[[9]](#footnote-9)21, [[10]](#footnote-10)22     (WRC‑19)

ADD CHN/111A22A10/18#2103

5.1.10*bis* Upon receipt of a complete notice, the Bureau shall immediately send a telefax to administrations which applied § 4.1.13*bis* with regard to this notice, if any. This telefax shall inform the concerned administrations of the notification under § 5.1.1 of this notice and the date on which the frequency assignment, subject of § 4.1.13*bis* agreement, is planned to be brought into use. (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

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[[11]](#footnote-11)1, [[12]](#footnote-12)2, [[13]](#footnote-13)2*bis*     (WRC‑19)

ADD CHN/111A22A10/19#2104

6.4*bis* When the examination of each assignment in a notice received under § 6.1, to convert an allotment into an assignment, with respect to § 6.3 leads to a favourable finding, the Bureau shall immediately send a telefax to administrations for which § 6.15*quat* was applied with regard to this notice. This telefax shall inform these administrations of the reception under § 6.1 of this notice.    (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

MOD CHN/111A22A10/20#2105

6.15 If no decision is communicated to the Bureau within thirty days after the date of dispatch of the reminder under § 6.14 and the identification is of:

*a)* an allotment in the Plan, it shall be deemed that the administration which has not given a decision has no objection to the proposed assignment until this administration plans to bring into use its allotment in the Plan and an agreement under § 6.15*quat* is considered as concluded between the administration of the affected allotment in the Plan and the notifying administration of the proposed assignment; or

*b)* an assignment, it shall be deemed that the administration which has not given a decision has agreed to the proposed assignment.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/21#2106

6.15*quat* When an agreement under this provision is concluded with the administration of an affected allotment in the Plan, the notifying administration of the proposed assignment shall commit to respect the power flux-density limits shown in Section 2.2 of Annex 4 of Appendix **30B** (Rev.WRC‑19) at any point within the territory, situated inside the −3 dB contour of the associated beam area, of the administration whose allotment was the basis of the disagreement at the date on which the frequency assignment, stemming from the conversion of an affected allotment, is to be brought into use as communicated under § 8.10*bis* or within twelve months of the date of dispatch of the telefax sent under § 8.10*bis*, whichever comes later.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/22#2107

6.15*quin* Upon conclusion of agreements under § 6.15*quat*, when entering the assignment in the List, the Bureau shall indicate those administrations whose allotments were the basis of the agreement.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/23#2108

6.27*bis* When an assignment is entered in the List referred to in § 6.15*quin*, that assignment shall not be taken into account in updating the reference situation of those allotments with which an agreement under § 6.*15quat* was concluded.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/24#2109

6.29*bis* If the Bureau is informed that obligations under § 6.15*quat* is not respected by an assignment in the List, the Bureau shall immediately consult with the administration responsible for this assignment, requesting immediate respect of the conditions specified in § 6.15*quat*.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ADD CHN/111A22A10/25#2110

6.29*ter* If, in spite of the application of § 6.29*bis*, conditions specified in § 6.15*quat* are still not respected by an assignment in the List, the Bureau shall immediately inform the Radio Regulations Board.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

ARTICLE 8     (WRC‑15)

Procedure for notification and recording in the Master Register  
of assignments in the planned bands for the  
fixed-satellite service[[14]](#footnote-14)11, [[15]](#footnote-15)12    (WRC‑19)

ADD CHN/111A22A10/26#2111

8.10*bis* When the examination with respect to § 8.9 leads to a favourable finding, the Bureau shall immediately send a telefax to administrations which applied § 6.15*quat* with regard to this notice, if any. This telefax shall inform the concerned administrations of the notification under § 8.1 of this notice and the date on which the frequency assignment stemming from the conversion of an allotment, subject of § 6.15*quin* agreement, into an assignment, is planned to be brought into use.     (WRC‑23)

**Reasons:** It is in line with Method H1C of the CPM Report.

NOC CHN/111A22A10/27#2144

APPENDIX 30 (REV.WRC‑19)\*

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)

**Reasons:** It is in line with Method H2A of the CPM Report.

NOC CHN/111A22A10/28#2145

APPENDIX 30A (REV.WRC‑19)\*

Provisions and associated Plans and List1 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 GHz2 and 17.3-18.1 GHz in Regions 1 and 3,  
and 17.3-17.8 GHz in Region 2     (WRC‑03)

**Reasons:** It is in line with Method H2A of the CPM Report.

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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. 3 The provisions of Resolution **49 (Rev.WRC‑15)** apply.     (WRC‑15) [↑](#footnote-ref-3)
4. 18 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 § 5.1.6 and the corresponding entries in the Master Register under § 5.2.2, 5.2.2.1, 5.2.2.2 or 5.2.6, as appropriate, and the corresponding entries included in the Plan on and after 3 June 2000 or in the List, as appropriate, after informing the administration concerned. The Bureau shall inform all administrations of such action. 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)**\*.     (WRC‑07)

   \* *Note by the Secretariat*: This Resolution was abrogated by WRC‑12. [↑](#footnote-ref-4)
5. \* 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) [↑](#footnote-ref-5)
6. 1 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. [↑](#footnote-ref-6)
7. 2 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. [↑](#footnote-ref-7)
8. zz GRx is the relative receive antenna gain of the space station of the national allotment of the administration with which an agreement under § 4.1.13*bis* was concluded in the direction of the location of the feeder-link earth station of the notifying administration.     (WRC‑23) [↑](#footnote-ref-8)
9. 21 Notification of assignments to transmitting feeder-link earth stations included in the Region 2 feeder-link Plan after 2 June 2000, or included in the feeder-link List, following successful application of Article 4, shall be effected applying the provisions of Article **11** following completion of the procedure of Article **9**.     (WRC‑03) [↑](#footnote-ref-9)
10. 22 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 § 5.1.10 and the corresponding entries in the Master Register under § 5.2.2, § 5.2.2.1, § 5.2.2.2 or § 5.2.6, as appropriate, and the corresponding entries included in the Plan on and after 3 June 2000 or in the List, as appropriate, after informing the administration concerned. The Bureau shall inform all administrations of such action. 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.      (WRC‑19) [↑](#footnote-ref-10)
11. 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-11)
12. 2 Resolution **49 (Rev.WRC‑15)** applies.      (WRC‑15) [↑](#footnote-ref-12)
13. 2*bis* Resolution **170** **(WRC‑19)** applies.     (WRC-19) [↑](#footnote-ref-13)
14. 11 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 §§ 8.5 and 8.12 and the corresponding entries in the Master Register under § 8.11 or § 8.16*bis*, as appropriate, after informing the administration concerned. The Bureau shall inform all administrations of such action and that any resubmitted notice shall be considered to be a new notice. 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.     (WRC‑19) [↑](#footnote-ref-14)
15. 12 Resolution **49** **(Rev.WRC‑15)** applies.     (WRC‑15) [↑](#footnote-ref-15)