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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 | **Document 105-E** |
|  | **27 October 2023** |
|  | **Original: English** |
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| Australia/Japan/Singapore (Republic of)/Thailand |
| 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 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)

MOD AUS/J/SNG/THA/105/1#2086

ARTICLE 4     (Rev.WRC--23)

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

## 4.1 Provisions applicable to Regions 1 and 3

MOD AUS/J/SNG/THA/105/2#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)

ADD AUS/J/SNG/THA/105/3#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 this 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 twelve months of the date of dispatch of the telefax sent under § 5.1.10*bis*, whichever comes later.     (WRC‑23)

ADD AUS/J/SNG/THA/105/4#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)

ADD AUS/J/SNG/THA/105/5#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)

ADD AUS/J/SNG/THA/105/6#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)

ADD AUS/J/SNG/THA/105/7#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)

MOD AUS/J/SNG/THA/105/8#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[[2]](#footnote-2)18     (WRC‑07)

## 5.1 Notification

ADD AUS/J/SNG/THA/105/9#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)

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)

MOD AUS/J/SNG/THA/105/10#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

## 4.1 Provisions applicable to Regions 1 and 3

MOD AUS/J/SNG/THA/105/11#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)

ADD AUS/J/SNG/THA/105/12#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[[3]](#footnote-3)zz dB(W/(m2 ⸱ Hz)) arriving at the receiving space station of this 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 twelve months of the date of dispatch of the telefax sent under § 5.1.10*bis*, whichever comes later.     (WRC‑23)

ADD AUS/J/SNG/THA/105/13#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)

ADD AUS/J/SNG/THA/105/14#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)

ADD AUS/J/SNG/THA/105/15#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)

ADD AUS/J/SNG/THA/105/16#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)

MOD AUS/J/SNG/THA/105/17#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[[4]](#footnote-4)21, [[5]](#footnote-5)22     (WRC‑19)

## 5.1 Coordination and notification

ADD AUS/J/SNG/THA/105/18#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)

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 AUS/J/SNG/THA/105/19#2084

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[[6]](#footnote-6)1, [[7]](#footnote-7)2, [[8]](#footnote-8)2*bis*     (WRC‑19)

ADD AUS/J/SNG/THA/105/20#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)

MOD AUS/J/SNG/THA/105/21#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)

ADD AUS/J/SNG/THA/105/22#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)

ADD AUS/J/SNG/THA/105/23#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)

ADD AUS/J/SNG/THA/105/24#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)

ADD AUS/J/SNG/THA/105/25#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)

ADD AUS/J/SNG/THA/105/26#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)

ARTICLE 8     (WRC‑15)

Procedure for notification and recording in the Master Register
of assignments in the planned bands for the
fixed-satellite service[[9]](#footnote-9)11, [[10]](#footnote-10)12    (WRC‑19)

ADD AUS/J/SNG/THA/105/27#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:** On the issue of the implicit agreement, Japan, Singapore (Republic of), Thailand and Australia support to use a new mechanism to replace the implicit agreement whereby the administration of the additional use/system is allowed to operate (with commitment to respect certain conditions) until the bringing into use of the national assignment/allotment of the other administration. Therefore, Japan, Singapore (Republic of), Thailand and Australia support Method H1C in the CPM Report.
On the issue of the AP30/30A EPM degradation tolerance, Japan, Singapore (Republic of), Thailand and Australia support Method H2A in the CPM Report which proposes no change to the Radio Regulations.

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1. 3 The provisions of Resolution **49 (Rev.WRC‑15)** apply.     (WRC‑15) [↑](#footnote-ref-1)
2. 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-2)
3. 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-3)
4. 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-4)
5. 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-5)
6. 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-6)
7. 2 Resolution **49 (Rev.WRC‑15)** applies.     (WRC‑15) [↑](#footnote-ref-7)
8. 2*bis* Resolution **170** **(WRC‑19)** applies.     (WRC-19) [↑](#footnote-ref-8)
9. 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-9)
10. 12 Resolution **49** **(Rev.WRC‑15)** applies.     (WRC‑15) [↑](#footnote-ref-10)