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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 150-E** | |
|  | | **30 October 2023** | |
|  | | **Original: English** | |
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| Singapore (Republic of)/Thailand | | | |
| PROPOSALS FOR THE WORK OF THE CONFERENCE | | | |
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| Agenda item 7(F) | | | |

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(F) Topic F - Excluding uplink service area in RR Appendix **30A** for Regions 1 and 3 and RR Appendix **30B**

Introduction

Singapore (Republic of)/Thailand support Method F3 in the CPM Report to introduce the following changes to the Article 4 of RR Appendix **30A** and Article 6 of RR Appendix **30B**, as the solution to Topic F.

Proposals

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)

ARTICLE 4     (Rev.WRC‑19)

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

ADD SNG/THA/150/1#2063

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 pointsthat 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)

ADD SNG/THA/150/2#2064

4.1.20*bis* When an administration or a group of named administrations plans to implement a satellite network with a service area limited to its territory or their territories, as appropriate, and with characteristics in compliance with §§ 3.2, 3.4 and 3.5 of Annex 3 of this Appendix, including the co- and cross-polar off-axis e.i.r.p. characteristics specified by curves Aʹ and Bʹ of Figure A respectively, any other notifying administration of a satellite network having relative satellite antenna gain derived from the minimum ellipse[[1]](#footnote-1)ZZ required to cover the service area of equal to or less than −20 dB over the territory/territories of the former administration(s) and being identified as affected by the Bureau shall not claim protection from uplink interference emanating from the territory of the former administration(s). § 4.1.20 does not apply.     (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 List1, 2, 2*bis*     (WRC‑19)

MOD SNG/THA/150/3#2065

6.16 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 pointsMOD [[2]](#footnote-2)6*bis* 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)

ADD SNG/THA/150/4#2066

6.29*bis* When an administration or a group of named administrations plans to implement a satellite network with a service area limited to its territory or their territories, as appropriate, and with uplink characteristics in compliance with §§ 1.2, 1.3 and 1.6 of Annex 1 of this Appendix, including those of Table 1 of § 1.6.4, any other notifying administration of a satellite network having relative satellite antenna gain derived from the minimum ellipse[[3]](#footnote-3)ZZ required to cover the service area of equal to or less than −20 dB over the territory/territories of the former administration(s) and being identified as affected by the Bureau shall not claim protection from uplink interference emanating from the territory of the former administration(s). § 6.29 does not apply.     (WRC‑23)

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1. ZZ The minimum ellipse is determined by the set of test points contained in the satellite network, including the associated relevant Regions 1 and 3 List of additional uses, using the relevant BR software application.     (WRC‑23) [↑](#footnote-ref-1)
2. 6*bis* The administration responsible for the assignment may request to relocate the test points from the excluded territory to a new location within the remaining part of its service area. Uplink test points relocation shall not cause more interference.     (WRC‑23) [↑](#footnote-ref-2)
3. ZZ The minimum ellipse is determined by the set of both uplink and downlink test points contained in the satellite network using the relevant BR software application.      (WRC‑23) [↑](#footnote-ref-3)