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| **World Radiocommunication Conference (WRC-19) Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
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| PLENARY MEETING | **Addendum 7 to Document 54(Add.19)-E** |
|  | **8 October 2019** |
|  | **Original: English** |
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| Samoa (Independent State of)/Singapore (Republic of) | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 7(G) | |

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

7(G) Issue G - Updating the reference situation for Regions 1 and 3 networks under RR Appendices **30** and **30A** when provisionally recorded assignments are converted into definitive recorded assignments

Introduction

In the case of recording assignments in the List with outstanding coordination requirements, this recording shall be provisional, but that entry shall be changed from provisional to definitive recording in the List if the Bureau is informed that the new assignment in the Regions 1 and 3 List has been in use, together with the assignment which was the basis for the disagreement, for at least four months without any complaint of harmful interference being made, as described by § 4.1.18 of RR Appendices **30** and **30A**.

When entering assignments of a network provisionally into the List, the reference situation of interfered-with networks with which coordination is not completed is not updated, based on § 4.1.18*bis*. However, RR Appendices **30** and **30A** currently do not state whether or not the Bureau should update the reference situation of the network with which there is still outstanding disagreement if the provisionally recorded assignments are changed to definitively recorded, and the Bureau has never been faced with such a situation.

Depending on the initial reference situation of the affected network and what would be the reference situation if taking into account the interference from the network for which the agreement has not been given, it can be seen that updating or not updating the reference situation can have different effects on its protection against later submissions.

In response to this Issue, one of the identified methods, Method G1, prescribes that when a network has entered into the List using § 4.1.18, and when the recording of the associated assignment transitions from provisional to definitive while there is still disagreement, the reference situation of the interfered-with network should be updated in consultation with, and only with the agreement of, the affected administration. To this effect, this method proposes to modify § 4.1.18*bis* of RR Appendices **30** and **30A**.

Proposals

Samoa and Singapore support Method G1 in the CPM Report which proposes to modify § 4.1.18*bis* of RR Appendices **30** and **30A,** such that the reference situation of the interfered-with network is updated in consultation with, and only with the agreement of, the affected administration.

APPENDIX 30 (REV.WRC‑15)[[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)

ARTICLE 4     (Rev.WRC‑15)

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

## 4.1 Provisions applicable to Regions 1 and 3

MOD SMO/SNG/54A19A7/1#50099

4.1.18*bis* When requesting the application of § 4.1.18, the notifying administration shall undertake to meet the requirements of § 4.1.20 and provide to the administration in respect of which § 4.1.18 is applied, with a copy to the Bureau, a description of the steps by which it undertakes to meet these requirements. Once an assignment is entered in the List provisionally under the provisions of § 4.1.18, the calculation of the equivalent protection margin (EPM)9 of an assignment in the Regions 1 and 3 List or for which the procedure of Article 4 has been initiated and which was the basis for the disagreement shall not take into account the interference produced by the assignment for which the provisions of § 4.1.18 have been applied. When the recording of an assignment entered into the List is changed from provisional to definitive in accordance with § 4.1.18, but there is still continuing disagreement between the administrations, the Bureau will consult with the administration responsible for the assignments which were the basis for the disagreement and will only update the EPM to take into account interference produced by the assignment for which the provisions of § 4.1.18 have been applied with the agreement of the administration responsible for the assignments which were the basis for the disagreement.     (WRC‑19)

## 4.2 Provisions applicable to Region 2

NOC SMO/SNG/54A19A7/2#50100

4.2.21A

APPENDIX 30A (REV.WRC‑15)[[4]](#footnote-4)\*

Provisions and associated Plans and List[[5]](#footnote-5)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[[6]](#footnote-6)2 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‑15)

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 SMO/SNG/54A19A7/3#50101

4.1.18*bis* When requesting the application of § 4.1.18, the notifying administration shall undertake to meet the requirements of § 4.1.20 and provide to the administration in respect of which § 4.1.18 is applied, with a copy to the Bureau, a description of the steps by which it undertakes to meet these requirements. Once an assignment is entered in the feeder-link List provisionally under the provisions of § 4.1.18, the calculation of the equivalent protection margin (EPM)11 of an assignment in the Regions 1 and 3 feeder-link List or for which the procedure of Article 4 has been initiated and which was the basis for the disagreement shall not take into account interference produced by the assignment for which the provisions of § 4.1.18 have been applied. When the recording of an assignment entered into the List is changed from provisional to definitive in accordance with § 4.1.18, but there is still continuing disagreement between the administrations, the Bureau will consult with the administration responsible for the assignments which were the basis for the disagreement and will only update the EPM to take into account interference produced by the assignment for which the provisions of § 4.1.18 have been applied with the agreement of the administration responsible for the assignments which were the basis for the disagreement.     (WRC‑19)

## 4.2 Provisions applicable to Region 2

NOC SMO/SNG/54A19A7/4#50102

4.2.21A

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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. \* 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-4)
5. 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-5)
6. 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-6)