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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 1 to Document 6(Add.23)(Add.2)-E** |
|  | **15 October 2015** |
|  | **Original: English** |
|  | |
| United States of America | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 9.2 | |

9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:

9.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations; and

Introduction

The United States of America has reviewed the Report of the Director and provides herein specific proposals related to Part 2 as contained in Addendum 2 to Document 4. These proposals either support the BR’s proposed corrective action, where possible, or provide other measures with which to resolve a given error or inconsistency.

The proposals identify the corresponding Section to the Report of the Director for reference purposes.

It should be noted that the proposals in this document relate exclusively to satellite/space matters, which would require consideration by Committee 5.

Proposals

# 1 Proposals related to section 2.2.1, Table 1, of Addendum 2 to Document 4

i) The United States of America has reviewed Table 1 to Section 2.2.1 contained in Addendum 2 to Document 4 and supports the corrective action as presented by the Bureau for the cases listed below:

USA/6A23A2A1/1

Table 1

List of typographical and other apparent errors discovered in the 2012 edition of the RR

| **Language** | **Page** | **Incorrect or missing text** | **Correct text** |
| --- | --- | --- | --- |
|  | **Vol. 1** | Preamble |  |
| All | 3 | **0.3** In using frequency bands for radio services, Members shall bear in mind that radio frequencies and the geostationary-satellite orbit are limited natural resources and that they must be used rationally, efficiently and economically, in conformity with the provisions of these Regulations, so that countries or groups of countries may have equitable access to both, taking into account the special needs of the developing countries and the geographical situation of particular countries (No. 196 of the Constitution). | **0.3** In using frequency bands for radio services, Members shall bear in mind that  radio frequencies and any associated orbits, including the geostationary-satellite orbit, are limited natural resources and that they must be used rationally, efficiently and economically, in conformity with the provisions of these Regulations, so that countries or groups of countries may have equitable access to those orbits and frequencies, taking into  account the special needs of the developing countries and the geographical situation of particular countries (No. 196 of the Constitution). |
|  | **Vol. 1** | Articles |  |
| All | 47 | ***(Region 1)***  **283.5-315**  AERONAUTICAL RADIONAVIGATION  MARITIME RADIONAVIGATION  (radiobeacons) 5.73  5.72 5.74 | **283.5-315**  AERONAUTICAL RADIONAVIGATION  MARITIME RADIONAVIGATION  (radiobeacons) 5.73  5.74 |
| All | 47 | ***(Region 1)***  **315-325**  AERONAUTICAL RADIONAVIGATION  Maritime radionavigation  (radiobeacons) 5.73  5.72 5.75 | **315-325**  AERONAUTICAL RADIONAVIGATION  Maritime radionavigation  (radiobeacons) 5.73  5.75 |
| All | 47 | ***(Region 1)***  **325-405**  AERONAUTICAL RADIONAVIGATION  5.72 | **325-405**  AERONAUTICAL RADIONAVIGATION |
| All | 47 | ***(Region 1)***  **405-415**  RADIONAVIGATION 5.76  5.72 | **405-415**  RADIONAVIGATION 5.76 |
| All | 52 | ***(Region 1)***  **1 810-1 850**  AMATEUR  5.98 5.99 5.100 5.101 | **1 810-1 850**  AMATEUR  5.98 5.99 5.100 |
| All | 88 | ***(Region 1)***  **430-432**  AMATEUR  RADIOLOCATION  5.271 5.272 5.273 5.274 5.275 5.276 5.277 | **430-432**  AMATEUR  RADIOLOCATION  5.271 5.274 5.275 5.276 5.277 |
| All | 88 | ***(Region 1)***  **432-438**  AMATEUR  RADIOLOCATION  Earth exploration-satellite (active) 5.279A  5.138 5.271 5.272 5.276 5.277 5.280 5.281 5.282 | **432-438**  AMATEUR  RADIOLOCATION  Earth exploration-satellite (active) 5.279A  5.138 5.271 5.276 5.277 5.280 5.281 5.282 |
| All | 88 | ***(Region 1)***  **438-440**  AMATEUR  RADIOLOCATION  5.271 5.273 5.274 5.275 5.276 5.277 5.283 | **438-440**  AMATEUR  RADIOLOCATION  5.271 5.274 5.275 5.276 5.277 5.283 |
| All | 112 | ***(Region 1)***  **2 450-2 483.5**  FIXED  MOBILE  Radiolocation  5.150 5.397 | **2 450-2 483.5**  FIXED  MOBILE  Radiolocation  5.150 |
| All | 112 | ***(Region 1)***  **2** **500-2** **520**  FIXED 5.410  MOBILE except aeronautical mobile 5.384A  5.405 5.412 | **2** **500-2** **520**  FIXED 5.410  MOBILE except aeronautical mobile 5.384A  5.412 |
| E, S, F | 113 | **5.398A** *Different category of service:*In Armenia, Azerbaijan, … | **5.398A** *Different category of service:*in Armenia, Azerbaijan, … |
| All | 115 | ***(Region 1)***  **2** **520-2** **655**  FIXED 5.410  MOBILE except aeronautical mobile 5.384A  BROADCASTING-SATELLITE 5.413 5.416  5.339 5.405 5.412 5.417C 5.417D 5.418B 5.418C | **2** **520-2** **655**  FIXED 5.410  MOBILE except aeronautical mobile 5.384A  BROADCASTING-SATELLITE 5.413 5.416  5.339 5.412 5.417C 5.417D 5.418B 5.418C |
| E | 131 | **5.462A** …  −135 + 0.5 (θ − 5) dB(W/m2) in a 1 MHz band for    5° ≤ θ <   5° | **5.462A** …  −135 + 0.5 (θ − 5) dB(W/m2) in a 1 MHz band for    5° ≤ θ <   25° |
| E | 148 | **18.8-19.3 GHz**  FIXED-SATELLITE (space-to-Earth) 5.516.B 5.523A | FIXED-SATELLITE (space-to-Earth) 5.516B |
| All | 229 | **15.21** … in particular Article **45** of the Constitution… | … in particular Article 45 of the Constitution… |
| All | 229 | **15.22** … provisions of Article **45** of the Constitution… | … provisions of Article 45 of the Constitution… |
| E | 259 | **21.8** … where θ is the angle of elevation of the horizon viewed from the centre of radiation of the antenna of the earth station and measured in degrees as positive above the horizontal plane and negative below it. | **21.8** … where θ is the angle of elevation of the horizon viewed from the centre of radiation of the antenna of the earth station and measured in degrees as positive above the horizontal plane and negative below it. |
| All | 260 | Table 21-3   |  |  | | --- | --- | | 14.25-14.3 GHz | (with respect to the countries listed in Nos. **5.505**, **5.508** and **5.509**) | | (… Nos. **5.505** and **5.508**) |
| All | 288 | **22.32** **§ 10 …**  48   180 1 dB(W/40 kHz) | **22.32** **§ 10 …**  48   180 11 dB(W/40 kHz) |
|  | **Vol. 2** | Appendices |  |
| All | 234 | **AP8-4**  (4) | (4) |
| All | 234 | **AP8-4**  (7) | (7) |
| E, C | 235 | **AP8-5**  **2.2.2.1 Simple frequency-changing transponder on board the satellite**  s (10) | **2.2.2.1 Simple frequency-changing transponder on board the satellite**  (10) |
| All | 238-241 | (AP8)  Annex I, Annex II, Annex III, Annex IV | Annex 1, Annex 2, Annex 3, Annex 4 |
| E | 240 | **AP8-10**  a) for values of 4 (maximum gain ≥ 48 dB approximately):  …  *G(φ) = −10 for 48°≤ φ <180°*  *b) for values of 4 (maximum gain ≥ 48 dB approximately):* | a) for values of 4 (maximum gain ≥ 48 dBi approximately):  …  *G*(φ) = 10 for 48°≤ φ <180°  b) for values of 4 (maximum gain ≥ 48 dBi approximately): |
| E | 241 | **AP8-11**  G(φ) = −10 − 10 log  for 48°≤ φ ≤180° | G(φ) = 10 − 10 log  for 48°≤ φ ≤180° |
| E, A, S, F, R | 242 | **AP8-12**  **2 Input data**  The values of the network parameters given in the table below are derived from those published in accordance with Appendix **4**.   |  |  |  |  | | --- | --- | --- | --- | |  | **Symbol\*** | **Value** | **Unit** | | … |  |  |  | | Downlink at 3 950 MHz | *P*′*s*  *G*′3(η*e*)  *G*4(θ*t*)  *Ld* | −57  −15.5  14.5  196 | dB(W/Hz)  dB  dB  dB | |  | 10 log γ  *T*  θ*t* | 15  105  5 | dB  K  degrees | | **2 Input data**  The values of the network parameters given in the table below are derived from those published in accordance with Appendix **4**.   |  |  |  |  | | --- | --- | --- | --- | |  | **Symbol\*** | **Value** | **Unit** | | … |  |  |  | | Downlink at 3 950 MHz | *P*′*s*  *G*′3(η*e*)  *G*4(θ*t*)  *Ld* | −57  15.5  14.5  196 | dB(W/Hz)  dB  dB  dB | |  | 10 log γ  *T*  θ*t* | −15  105  5 | dB  K  degrees | |
| E | 489 | **AP30-13**  4.2.3 *c)* …modifications to that Plan have been re*c*eived by the Bureau… | …modifications to that Plan have been received by the Bureau… |
| All | 489 | **AP30-13**  **4.2.6**  14 The provisions of Resolution **533 (Rev.WRC‑2000)** apply.  (WRC‑03) | 14 The provisions of Resolution **533 (Rev.WRC‑2000)\*\*** apply.  (WRC‑03)  \*\* *Note by the Secretariat*: This Resolution was abrogated by WRC-12. |
| E, A, C, S, R | 492 | AP30-16  4.2.16 …Article **5**… | …Article 5… |
| E, A, C, S, R | 493 | AP30-17  4.2.23 …Article **5**… | …Article 5… |
| E | 505 | AP30-29  TABLE 3   |  |  |  |  | | --- | --- | --- | --- | | Beam  Name | Channels | Limit  Criteria ref.  Table 2 | Countries or geographical areas affected3\* | | TABLE 3   |  |  |  |  | | --- | --- | --- | --- | | Beam  Name | Channels | Limit  Criteria ref.  Table 2 | Countries or geographical areas affected\* | |
|  | **Vol. 3** | Resolutions |  |
| All | 59 | **RESOLUTION 49 (REV. WRC-12)**  *resolves* 6 that if the complete due diligence information is not received by the Bureau before the expiry date specified in *resolves* 2 or 2*bis* above, ... | *resolves* 6 that if the complete due diligence information is not received by the Bureau before the expiry date specified in *resolves* 2, 2*bis* or 3 above, ... |

# 2 Proposals related to section 2.2.2, Table 2, of Addendum 2 to Document 4

i) The United States of America has reviewed Table 2 to Section 2.2.3 contained in Addendum 2 to Document 4 and supports the corrective action as presented by the Bureau for the cases listed below:

MOD USA/6A23A2A1/2

Table 2

Inconsistencies in the RR, provisions that are lacking clarity

| Language | Page – provision | Nature of inconsistency | Possible corrective action |
| --- | --- | --- | --- |
|  | Volume, page | ARTICLES/APPENDIX | ARTICLES/APPENDIX |
|  | Volume 1 | Article 5 | Article 5 |
| All | 89 | 5.279A The use of this band by sensors in the Earth exploration-satellite service… | 5.279A The use of the band 432-438 MHz by sensors the Earth exploration-satellite service… |
| All | 120 | **5.432** *Different category of service:*in Korea (Rep. of), Japan and Pakistan, the allocation of the band 3 400-3 500 MHz to the mobile, except aeronautical mobile, service is on a primary basis (see No. **5.33**). (WRC‑2000) | To move this footnote from the bottom of the box of the Table (i.e. Region 3, 3 400-3 500 MHz) and to place it next to “Mobile”, since it applies to the mobile service only |
| All | 403 | 4 52.221.3 The carrier frequencies 4 125 kHz, 6 215 kHz, 8 291 kHz, 12 290 kHz and 16 420 kHz are also authorized for common use by coast and ship stations for single-sideband radiotelephony on a simplex basis for distress and safety traffic. | Frequency 8 291 kHz is contained in Note 4 (52.221.3). However, this frequency is not referenced in provision 52.221. |
|  | Volume 3 | Resolutions and Recommendations | **Resolutions and Recommendations** |
| All | 309 | RESOLUTION 608 (WRC-03)  Use of the frequency band 1 215-1 300 MHz by systems of the radionavigation-satellite service (space-to-Earth | Add a note by the Secretariat referred to Sudan in *recognizing* 2, indicating its partition into two independent States in 2011. |

ii) In addition to the cases above, Table 2 to Section 2.2.2 contained in Addendum 2 to Document 4 includes a proposal to address a supposed inconsistency between No. 11.48 & para 8 of Annex 1 to Res 552. The Unites States of America submits the alternative proposal below to address this case:

ARTICLE 11

Notification and recording of frequency   
assignments1, 2, 3, 4, 5, 6, 7, 7*bis*    (WRC‑12)

Section II − Examination of notices and recording of frequency assignments   
in the Master Register

NOC USA/6A23A2A1/3

11.48

**Reasons:** The Director’s Report suggests that the Conference consider modifying RR No. 11.48 for the reason that there is an apparent inconsistency between this provision and paragraph 8 of Annex 1 to Resolution 552 (WRC-12). However, Resolution 552 (WRC-12) only applies to the band 21.4-22 GHz in Regions 1 and 3, while RR No. 11.48 applies much more broadly. While the regulatory reasons for suppressing assignments within 30 days of the end of the regulatory lifetime of a BSS satellite network in the 21.4-22 GHz were discussed and decided by WRC-12, no such decision was taken for other frequency bands or services. RR 11.48 makes reference to the Resolution 552 and therefore there is no need to make any further modifications.

# 3 Proposals related to Section 3.2.1.1 of Addendum 2 to Document 4

The United States of America notes that the Radio Regulations Board considered the application of coordination under RR Nos. 9.11A-9.14 between frequency assignments in bands allocated with different category of allocation and taking into account RR Nos. 5.28-5.31, it confirmed the practice applied by the Bureau since 1992 to examine coordination under RR Nos. 9.11A-9.14 between services with equal status only (see Table 1 to RS46 Rule of Procedure (Edition 1994)). In order to include the substance of the above rule of procedure in the Radio Regulations the United States supports Option 1 (MOD note 1 to Appendix 5 of the Radio Regulations) and proposes the following:

MOD USA/6A23A2A1/4

Option 1: MOD note 1 to Appendix 5 of the Radio Regulations:

1 The coordination under Nos. 9.11A to 9.19 applies only to assignments in bands allocated with equal rights.

# 4 Proposals related to section 3.2.5.2.4 of Addendum 2 to Document 4

The United States of America notes that, in accordance with item C.11.a of Annex 2 to Appendix 4, the service area of a network in Appendices 30, 30A and 30B shall have a set of a maximum of twenty test points, which was considered sufficient as the service area of an assignment in the original Appendices 30 and 30A Plans or an allotment in the Appendix 30B Plan is limited to the national territory. Recognizing, however, that administrations are submitting additional use networks or additional systems with multinational service areas, there is a need to submit more than 20 test points in order to obtain sufficient protection throughout the service area. As such, the United States proposes that the maximum number of test points be increased from twenty to one hundred, as follows:

APPENDIX 4 (REV.WRC‑12)

Consolidated list and tables of characteristics for use in the  
application of the procedures of Chapter III

ANNEX 2

Characteristics of satellite networks, earth stations  
or radio astronomy stations2    (Rev.WRC‑12)

Footnotes to Tables A, B, C and D

MOD USA/6A23A2A1/5

**TABLE C**

CHARACTERISTICS TO BE PROVIDED FOR EACH GROUP OF FREQUENCY ASSIGNMENTS FOR A SATELLITE ANTENNA BEAM OR AN EARTH STATION OR RADIO ASTRONOMY ANTENNA

| **Items in Appendix** | ***C \_ CHARACTERISTICS TO BE PROVIDED FOR EACH GROUP OF FREQUENCY  ASSIGNMENTS FOR A SATELLITE ANTENNA BEAM OR AN EARTH STATION  OR RADIO ASTRONOMY ANTENNA*** | **Advance publication of a geostationary-satellite network** | **Advance publication of a non-geostationary-satellite network subject to coordination under Section II of Article 9** | **Advance publication of a non-geostationary-satellite network not subject to coordination under Section II  of Article 9** | **Notification or coordination of a geostationary-satellite network (including space operation functions under Article 2A of Appendices 30 or 30A)** | **Notification or coordination of a non-geostationary-satellite network** | **Notification or coordination of an earth station (including notification under Appendices 30A or 30B)** | **Notice for a satellite network in the broadcasting-satellite service under Appendix 30 (Articles 4 and 5)** | **Notice for a satellite network (feeder-link) under Appendix 30A  (Articles 4 and 5)** | **Notice for a satellite network in the fixed-satellite service under Appendix 30B (Articles 6 and 8)** | **Items in Appendix** | **Radio astronomy** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C.11.a | the service area or areas of the satellite beam on the Earth, when the associated transmitting or receiving stations are earth stations  For a space station submitted in accordance with Appendix **30**, **30A** or **30B**, the service area identified by a set of a maximum of one hundred test points and by a service area contour on the surface of the Earth or defined by a minimum elevation angle  For advance publication of satellite networks subject to coordination, only a list of countries and geographical areas, using the symbols from the Preface, or a narrative description of the service area shall be supplied  NOTE – When an assignment converted from an allotment is reinstated in the Appendix **30B** Plan, the notifying administration may choose a maximum of 20 test points within its national territory for the reinstated allotment. | **X** | **X** | **X** | **X** | **X** |  | **X** | **X** | **X** | C.11.a |  |

# 5 Proposals related to section 3.2.5.2.5 of Addendum 2 to Document 4

The United States of America notes that, in accordance with Appendix 4, the necessary bandwidth and the class of emission shall be submitted for each carrier in a notification under Article 8 of Appendix 30B under data item C.7.a. As a consequence, the maximum power density value for each carrier type, i.e. data item C.8.a.2, should be allowed to be submitted in a notification under Article 8 of Appendix 30B. However, in the current Appendix 4, the power density values can only be provided under data item C.8.b.2 for Appendix 30B submissions.

The United States notes that the procedures under Article 6 only allow characteristics for a single transmission type which is why Article 6 of Appendix 30B is mentioned under C.8.b.2 in the proposal below. On the other hand, the procedures under Article 8 of Appendix 30B allow characteristics for multiple transmission types which is why Article 8 is mentioned under C.8.a.2 in the proposal below.

In view of the above, the United States proposes the following:

MOD USA/6A23A2A1/6

APPENDIX 4 (REV.WRC‑12)

Consolidated list and tables of characteristics for use in the  
application of the procedures of Chapter III

ANNEX 2

Characteristics of satellite networks, earth stations  
or radio astronomy stations2    (Rev.WRC‑12)

**TABLE C**

CHARACTERISTICS TO BE PROVIDED FOR EACH GROUP OF FREQUENCY ASSIGNMENTS FOR A SATELLITE ANTENNA BEAM OR AN EARTH STATION OR RADIO ASTRONOMY ANTENNA

| **Items in Appendix** | ***C \_ CHARACTERISTICS TO BE PROVIDED FOR EACH GROUP OF FREQUENCY  ASSIGNMENTS FOR A SATELLITE ANTENNA BEAM OR AN EARTH STATION  OR RADIO ASTRONOMY ANTENNA*** | **Advance publication of a geostationary-satellite network** | **Advance publication of a non-geostationary-satellite network subject to coordination under Section II of Article 9** | **Advance publication of a non-geostationary-satellite network not subject to coordination under Section II  of Article 9** | **Notification or coordination of a geostationary-satellite network (including space operation functions under Article 2A of Appendices 30 or 30A)** | **Notification or coordination of a non-geostationary-satellite network** | **Notification or coordination of an earth station (including notification under Appendices 30A or 30B)** | **Notice for a satellite network in the broadcasting-satellite service under Appendix 30 (Articles 4 and 5)** | **Notice for a satellite network (feeder-link) under Appendix 30A  (Articles 4 and 5)** | **Notice for a satellite network in the fixed-satellite service under Appendix 30B (Articles 6 and 8)** | **Items in Appendix** | **Radio astronomy** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C.8.a.2 | the maximum power density, in dB(W/Hz), supplied to the input of the antenna for each carrier type2  In the case of Appendix **30B**, required only for notification under Article 8  Required if neither C.8.b.2 nor C.8.b.3.b is provided |  |  | **+** | **+** | **+** | **O** |  |  | **+** | C.8.a.2 |  |
| ... |  |  |  |  |  |  |  |  |  |  |  |  |
| C.8.b.2 | the maximum power density, in dB(W/Hz), supplied to the input of the antenna2  For coordination or notification of an Appendix **30A** earth station the values shall include the maximum range of power control  In the case of Appendix **30B**, required only for submission under Article 6  Required if neither C.8.a.2 nor C.8.b.3.b is provided |  |  | **+** | **+** | **+** | **+ 1** | **X   +** | **X** | **X** | C.8.b.2 |  |

# 6 Proposals related to Section 3.2.6.6 of Addendum 2 to Document 4

Appendix 4 data item B.3.e requires the gain of the antenna in the direction of those parts of the GSO which are not obstructed by the Earth to be provided if the space station is operating in a band allocated in the Earth-to-space direction and in the space-to-Earth direction.

The band 12.5-12.7 GHz is allocated to the fixed-satellite service in both Earth-to-space and space-to-Earth directions and is allocated to the broadcasting-satellite service in Region 2 under Appendix 30. However, the current Appendix 4 does not require notifying administrations to submit gain towards the GSO diagrams in this band for a notice for a satellite network in the broadcasting-satellite service under Appendix 30. The United States proposes the following to address this situation:

MOD USA/6A23A2A1/7

APPENDIX 4 (REV.WRC‑12)

Consolidated list and tables of characteristics for use in the  
application of the procedures of Chapter III

ANNEX 2

Characteristics of satellite networks, earth stations  
or radio astronomy stations2    (Rev.WRC‑12)

**TABLE B**

CHARACTERISTICS TO BE PROVIDED FOR EACH SATELLITE ANTENNA BEAM OR EACH EARTH STATION OR RADIO ASTRONOMY ANTENNA

| **Items in Appendix** | ***B \_ CHARACTERISTICS TO BE PROVIDED FOR EACH SATELLITE ANTENNA BEAM  OR EACH EARTH STATION OR RADIO ASTRONOMY ANTENNA*** | **Advance publication of a geostationary-satellite network** | **Advance publication of a non-geostationary-satellite network subject to coordination under  Section II of Article 9** | **Advance publication of a non-geostationary-satellite network not subject to coordination under  Section II of Article 9** | **Notification or coordination of a geostationary-satellite network (including space operation functions under Article 2A of Appendices 30 or 30A)** | **Notification or coordination of a non-geostationary-satellite network** | **Notification or coordination of an earth station (including notification under Appendices 30A or 30B)** | **Notice for a satellite network in the broadcasting-satellite service under Appendix 30  (Articles 4 and 5)** | **Notice for a satellite network (feeder-link) under Appendix 30A  (Articles 4 and 5)** | **Notice for a satellite network in the fixed-satellite service under Appendix 30B (Articles 6 and 8)** | **Items in Appendix** | **Radio astronomy** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B.3.e | if the space station is operating in a band allocated in the Earth-to-space direction and in the space-to-Earth direction, the gain of the antenna in the direction of those parts of the geostationary-satellite orbit which are not obstructed by the Earth |  |  |  | **+** |  |  |  | **+** | **+** | B.3.e |  |

# 7 Comments related to Section 3.2.7.3 of Addendum 2 to Document 4

The existing provision under § 6.17 of Appendix 30B states that “in submitting the notice, the administration may request the Bureau to examine the notice under §§ 6.19, 6.21 and 6.22 (entry into the List) and Article 8 (Notification)”. Some administrations understand that the Appendix 4 notice submitted under § 6.17 of Appendix 30B is also valid for examination under Article 8 and therefore do not submit Appendix 4 data for Article 8 notices.

In order to clarify that administrations have to submit two separate Appendix 4 notices, instead of one notice, to request the Bureau to examine their network simultaneously under § 6.19, 6.21 and 6.22 (entry into the List) and Article 8 (Notification), the United States proposes the following:

MOD USA/6A23A2A1/8

**MOD**

6.17 If agreements have been reached with administrations published in accordance with § 6.7, the administration proposing the new or modified assignment may request the Bureau to have the assignment entered into the List, indicating the final characteristics of the assignment together with the names of the administrations with which agreement has been reached. For this purpose, it shall send to the Bureau the information specified in Appendix 4. In submitting the notice, the administration may request the Bureau to examine the notice under § 6.19, 6.21 and 6.22 (entry into the List) and then the notice submitted separately under Article 8 of this Appendix (notification).

# 8 Proposal related to section 3.2.7.4 of Addendum 2 to Document 4

In provision 6.31 of Appendix 30B, reference is made to the planned date of bringing into use. As this Appendix 4 data item is no longer required to be submitted for Article 6 notices, the United States of America proposes the following:

MOD USA/6A23A2A1/9

**MOD**

6.31 The regulatory time-limit for bringing into use of an assignment to a space station of a satellite network is no more than eight years from the date of receipt by the Bureau of the complete notice under § 6.1.

# 9 Proposal related to section 3.2.8.2 of Addendum 2 to Document 4

In accordance with § 10 of Annex 1 to Resolution 49, if the notifying administration for a satellite network has not submitted the due diligence information before the expiry of the established period for bringing into use the space station frequency assignments, the Bureau shall send a reminder to the notifying administration six months before that date limit.

The regulatory time-limit for bringing into use of an assignment to a space station of a satellite network may be extended once by not more than three years due to launch failure in accordance with § 4.1.3*bis* or § 4.2.6*bis* of Article 4 of Appendices 30 and 30A and § 6.31*bis* of Article 6 of Appendix 30B. For such extension to be granted, the notifying administration shall provide to the Bureau updated Resolution 49 information for the new satellite under procurement within one year of the request for extension otherwise the related frequency assignments will lapse.

Taking the above into account there is a need to clarify whether the Bureau should send a reminder to the notifying administration and when the Bureau shall undertake such action before the expiry date of the one-year period to submit the updated Resolution 49 information in case of launch failure, in a similar approach as § 10 of Annex 1 to Resolution 49.

In order to request the Bureau to send a reminder to the notifying administration in the case of absence of updated Resolution 49 information, the United States of America proposes the following:

MOD USA/6A23A2A1/10

**MOD Appendix 30**

4.1.3*bis*

…

If, eleven months after the request for extension, the administration has not provided to the Bureau updated Resolution 49 (Rev.WRC-03)\* information, the Bureau shall promptly send a reminder to the notifying administration. If, within one year of the request for extension, the administration has not provided to the Bureau updated Resolution **49 (Rev.WRC‑03)**[[1]](#footnote-1)\* information for the new satellite under procurement, the related frequency assignments shall lapse. (WRC‑15)

(*Editorial note:* Apply the same modification to § 4.2.6*bis* of Appendix **30**, § 4.1.3*bis* of Appendix **30A** and § 4.2.6*bis* of Appendix **30A**).

**MOD Appendix 30B**

6.31*bis*

If, eleven months after the request for extension, the administration has not provided to the Bureau updated Resolution 49 (Rev.WRC-12)\* information, the Bureau shall promptly send a reminder to the notifying administration.  If, for a satellite network or satellite system to which Resolution **49 (Rev.WRC‑12)** applies, the administration has not provided to the Bureau updated Resolution **49 (Rev.WRC‑12)** information for the new satellite under procurement within one year of the request for extension, the related frequency assignments shall lapse. (WRC‑15)

# 10 Proposal related to section 3.2.8.3 of Addendum 2 to Document 4

In order to harmonize the procedures in case of launch failure for Appendices 30, 30A and 30B and since § 6.32 of Appendix 30B establishes the need for the Bureau to send a reminder telefax thirty days prior to the expiry date of the extension period granted due to launch failure, the United States of America proposes to extend this procedure to Article 5 of Appendices 30 and 30A in a similar manner, as follows:

MOD USA/6A23A2A1/11

**MOD**

5.3.1 Any notified frequency assignment to which the Article 4 procedures have been applied and which has been provisionally recorded under § 5.2.7 shall be brought into use no later than the end of the period provided under § 4.1.3, 4.1.3*bis*, 4.2.6 or 4.2.6*bis* of Article 4. Any other frequency assignment provisionally recorded under § 5.2.7 shall be brought into use by the date specified in the notice. Unless the Bureau has been informed by the notifying administration of the bringing into use of the assignment under § 5.2.8, it shall, no later than fifteen days before the notified date of bringing into use or the end of the regulatory period established under § 4.1.3, 4.1.3*bis*, 4.2.6 or 4.2.6*bis* of Article 4, as appropriate, send a reminder requesting confirmation that the assignment has been brought into use within the regulatory period. If the Bureau does not receive that confirmation within thirty days following the notified date of bringing into use or the period provided under § 4.1.3, 4.1.3*bis*, 4.2.6 or 4.2.6*bis* of Article 4, as the case may be, it shall cancel the entry in the Master Register.     (WRC‑15)

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1. \* *Note by the Secretariat:* This Resolution was revised by WRC‑07 and WRC‑12. [↑](#footnote-ref-1)