|  |  |
| --- | --- |
| **34 MEETING OF PERMANENT****CONSULTATIVE COMMITTEE II:****RADIOCOMMUNICATIONS****August 12 to 16, 2019****Ottawa, Ontario, Canada** | **OEA/Ser.L/XVII.4.2.34****CCP.II-RADIO/doc. /19****1 July 2019****Original: English** |
|  |
|  | **PRELIMINARY PROPOSAL FOR WRC-19 ON AGENDA ITEM 9.2** |
|  | **(Item on the Agenda: 3.1)** |
|  | **(Document submitted by the delegation of the United States of America)** |

**Introduction**

WRC-19 agenda item 9.2 considers and approves the Report of the Director of the Radiocommunication Bureau on any difficulties or inconsistencies encountered in the application of the Radio Regulations. The United States of America has reviewed the Report of the Director and provides herein to CITEL PCC.II for its consideration specific proposals and comments/views related to Part 2 as contained in Addendum 2 to the Report. These proposals and comments/views either support the BR’s proposed corrective action, where possible, or provide other measures with which to resolve a given error or inconsistency.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| **World Radiocommunication Conference (WRC-19)Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
|  |  |
|  |  |
| PLENARY MEETING | **Addendum 24 toDocument 5658-E** |
|  | **9 July 2019** |
|  | **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[[1]](#footnote-1)\*; andIntroductionThe United States of America has reviewed the Report of the Director and provides herein specific proposals and comments/views related to Part 2 as contained in Addendum 2 to Document 4. These proposals and comments/views 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. Proposals1 Proposals related to section 2.2.1, Table 1, of Addendum 2 to Document 4i) 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/6A23A2A1/1Table 1List of typographical and other apparent errors discovered in the 2016 edition of the RR

| Language | Page | Incorrect or missing text | Proposed Correct text |
| --- | --- | --- | --- |
|  | Vol. 1 | Articles |  |
| All | **141** | **5.480** *Additional allocation:* in Argentina, Brazil, Chile, Cuba, El Salvador, Ecuador, Guatemala, Honduras, Paraguay, the Netherlands Antilles, Peru and Uruguay, the frequency band 10-10.45 GHz is also allocated to the fixed and mobile services on a primary basis. In Colombia, Costa Rica, Mexico and Venezuela, the frequency band 10-10.45 GHz is also allocated to the fixed service on a primary basis.      (WRC-15) | **5.480** *Additional allocation:* in Argentina, Brazil, Chile, Cuba, El Salvador, Ecuador, Guatemala, Honduras, Paraguay, the Netherlands (Bonaire, Curaçao, Saint Maarten (Dutch part), Saint Eustatius and Saba), Peru and Uruguay, the frequency band 10-10.45 GHz is also allocated to the fixed and mobile services on a primary basis. In Colombia, Costa Rica, Mexico and Venezuela, the frequency band 10-10.45 GHz is also allocated to the fixed service on a primary basis.     (WRC-15) |
|  | **Vol. 2** | Appendices |  |
| All | **APP 42,p.795** | PJA-PJZ | Netherlands (Kingdom of the) - Netherlands Antilles | PJA-PJZ | Netherlands (Kingdom of the) – Netherlands Bonaire, Curaçao, Saint Maarten (Dutch part), Saint Eustatius and Saba  |

Reason: To correct typographical errors in the current version of the Radio Regulations2 Proposals related to section 2.2.2, Table 2, of Addendum 2 to Document 4i) The United States of America has reviewed Table 2 to Section 2.2.2 contained in Addendum 2 to Document 4 and supports the corrective action as presented by the Bureau for the cases listed below: USA/6A23A2A1/2Table 2Inconsistencies in the RR, provisions that are lacking clarity

| # | Language | Page – provision | Nature of inconsistency | Proposed corrective action |
| --- | --- | --- | --- | --- |
|  |  | Volume, page | ARTICLES/APPENDIX | ARTICLES/APPENDIX |
|  |  | Volume 1 | Article 5 | Article 5 |
| 1 | All | 137 (R5-101) | Footnote No. **5.475**, which refers only to the aeronautical radionavigation service but is included in the last row of the Table for the band 9 300-9 500 MHz in all Regions, meaning that it applies to more than one service in that part of the table | To move the reference to No. **5.475** in the table for the band 9 300-9 500 MHz to the row containing the primary allocation to the RADIONAVIGATION service |
| 2 | All | 145 (R5-109) | Footnote No. **5.499**, which refers to an additional allocation in some countries of Region 3, is listed in the Table for the band 13.4-13.65 GHz in Region 1 | To remove No. **5.499** from the band 13.4-13.65 GHz in Region 1 of the Table of Frequency Allocations |
| 3 | All | 159 (RR5-123) | Footnote No. **5.533**, which refers to the radionavigation service, is listed in the Table for the band 24.65-24.75 GHz in Region 3, despite the fact that the band is not allocated to the radionavigation service | To remove No. **5.533** from the band 24.65-24.75 GHz in Region 3 of the Table of Frequency Allocations |
|  |  |  | Article 11 | Article 11 |
| 4 | All | 218 | Inconsistency between No. **11.48** and § 8 of Annex 1 to Resolution **552**: 30 days after 7 years should be added to No. **11.48** | MOD11.48 If, after the expiry of the period of seven years from the date of receipt of the relevant complete information referred to in No. 9.1 or 9.2 in the case of satellite networks or systems not subject to Section II of Article 9 or in No. 9.1Ain the case of satellite networks or systems subject to Section II of Article 9, the administration responsible for the satellite network has not brought the frequency assignments to stations of the network into use, or has not submitted the first notice for recording of the frequency assignments under No. 11.15, or, where required, has not provided the due diligence information pursuant to Resolution **49 (Rev.WRC‑15)** , as appropriate, the corresponding information published under Nos. 9.1A, 9.2B and 9.38, as appropriate, shall be cancelled, but only after the administration concerned has been informed at least six months before the expiry date referred to in Nos. 11.44 and 11.44.1 and, where required, § 10 of Annex 1 of Resolution 49 (Rev.WRC‑15) 27*bis*.     (WRC‑15)ADD27*bis*11.48.1 If the information pursuant to Resolution **552 (Rev.WRC-15)** has not been provided, the corresponding information published under No. **9.38** shall be cancelled 30 days after the end of the seven-year period following the date of receipt by the Bureau of the relevant complete information under No. 9.1A.  |
|  |  | **Volume 3** | **Resolutions** | **Resolutions** |
|  | Spanish | 141 (RES157-1) | The title of Res. **157 (WRC-15)** in Spanish refers to “nuevos sistemas en las órbitas de los satélites geoestacionarios”, while in English it refers to “new non-geostationary-satellite orbit systems” | Align the title of Res. **157 (WRC-15)** in Spanish with the correct title in English. |
|  | All | 364 (RES647-2) | Footnote 2 in Res. **647 (WRC-15)** stipulates that “Resolution 646 (Rev.WRC-15) includes considering paragraphs to the effect that the term “public protection radiocommunication” refers to radiocommunications used by responsible agencies and organizations dealing with maintenance of law and order, protection of life and property and emergency situations”, However, this definition of the term “public protection radiocommunication” in not consistent with the definition in *considering a)* of Res. **646 (WRC-15)**, which stipulates that “the term “public protection radiocommunication” refers to radiocommunications used by agencies and organizations responsible for the maintenance of law and order, protection of life and property and emergency situations”. | Align the definition of the term “public protection radiocommunication” in footnote 2 of Res. **647 (Rev.WRC-15)** with the definition of that term in *considering* *a)* of Res. **646 (WRC‑15)**(Not a satellite/space related issue) |

Reason: To resolve inconsistencies and improve clarity in the current version of the Radio Regulations3 Proposals related to Section 2.2.3 of Addendum 2 to Document 4i) The United States of America has reviewed Table 3 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: **USA/6A23A2A1/3**Texts in the RR that may require updates

| # | Page | Current RR text that may require update | Proposed course of action |
| --- | --- | --- | --- |
|  | Volume 1, ARTICLE 5 |
| 1 | 94 | **5.295** … In Mexico, the use of IMT in this frequency band will not start before 31 December 2018 and may be extended if agreed by the neighbouring countries. (WRC-15) | Modify the footnote, since the reference to 2018 is outdatedNeed to confirm that the date has not been extended(Not a satellite/space related issue) |
| 2 | 95 | **5.308A**… In Belize and Mexico, the use of IMT in this frequency band will not start before 31 December 2018 and may be extended if agreed by the neighbouring countries. (WRC-15) | Modify the footnote, since the reference to 2018 is outdatedNeed to confirm that the date has not been extended(Not a satellite/space related issue) |
| 3 | 96 | 5.312 *Additional allocation*:  in Armenia, Azerbaijan, Belarus, the Russian Federation, Georgia, Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan and Ukraine, the frequency band 645-862 MHz, in Bulgaria the bands 646-686 MHz, 726-758 MHz, 766-814 MHz and 822-862 MHz, and in Poland the frequency band 860-862 MHz until 31 December 2017, are also allocated to the aeronautical radionavigation service on a primary basis.    (WRC‑15) | Modify the footnote, since the allocation of the band 860-862 MHz to the aeronautical radionavigation service in Poland refers to a past date(Not a satellite/space related issue) |
| 4 | 96 | 5.313A …. In China, the use of IMT in this band will not start until 2015. | Modify the footnote, since reference to 2015 is outdated(Not a satellite/space related issue) |
| 5 | 97 | **5.323**  *Additional allocation:* in Armenia, Azerbaijan, Belarus, the Russian Federation, Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan and Ukraine, the band 862-960 MHz, in Bulgaria the bands 862-890.2 MHz and900-935.2 MHz, in Poland the band 862-876 MHz until 31 December 2017, and in Romania the bands 862-880 MHz and 915-925 MHz, are also allocated to the aeronautical radionavigation service on a primary basis... (WRC-12) | Modify the footnote, since the allocation of the band 862-876 MHz to the aeronautical radionavigation service in Poland refers to a past date(Not a satellite/space related issue) |
| 6 | 179 | **5.562B** In the bands 105-109.5 GHz, 111.8-114.25 GHz, 155.5-158.5 GHz and 217-226 GHz, the use of this allocation is limited to space-based radio astronomy only. (WRC-2000) | Remove the band 155.5- 158.5 GHz because the allocation to the Earth exploration-satellite (passive) and space research (passive) services terminated on 1 January 2018, according to No. **5.562F**  |
| 7 | 182 | **5.562F** In the band 155.5-158.5 GHz, the allocation to the Earth exploration-satellite (passive) and space research (passive) services shall terminate on 1 January 2018. (WRC-2000) | Suppress the footnote, since the allocation to the Earth exploration-satellite (passive) and space research (passive) services terminated on 1 January 2018 |
| 8 | 182 | Band 155.5-158.5 GHzEARTH EXPLORATION-SATELLITE (passive)FIXEDMOBILERADIO ASTRONOMYSPACE RESEARCH (passive) 5.562B 5.149 5.562F 5.562G | Band 155.5-158.5 GHzFIXEDMOBILERADIO ASTRONOMY 5.149  |
| 9 | 182 | **5.562G** The date of entry into force of the allocation to the fixed and mobile services in the band 155.5-158.5 GHz shall be 1 January 2018. (WRC-2000) | To suppress the footnote, since the allocation shall enter in force on 1 January 2018(Not a satellite/space related issue) |
| **Volume 1, ARTICLE 22** |
| 10 | 293 | **22.5H.6** These limits apply into geostationary-satellite system earth stations located in Region 2 west of 140° W, north of 60° N, pointing toward geostationary satellites in the broadcasting-satellite service at 91° W, 101° W, 110° W, 119° W and 148° W with elevation angles greater than 5°. This limit is implemented during a transition period of 15 years. | To suppress Table **22-4C**, No. **22.5H.6** and to remove references to Table **22-4C** in No. **22.5I** since the transition period of 15 years started on 1 January 2002 (date of entry into force of the Final Acts of WRC-2000) and therefore ended on 1 January 2017 |
|  | Volume 2, APPENDICES |
| 11 | 265 | **AP17-1**This Appendix is separated into two annexes:Annex 1 contains the existing frequency and channelling arrangements in the high-frequency bands for the maritime mobile service, in force until 31 December 2016.Annex 2 contains the future frequency and channelling arrangements in the high-frequency bands for the maritime mobile service, as revised by WRC-12, which enter into force on 1 January 2017. (WRC-12) | **Reason:** Suppress the text because after 1 January 2017 Annex 1 is abolished and Annex 2 entered into force.(Not a satellite/space related issue) |
| 12 | 266 - 294 | **AP17-2** – **AP17-30** ANNEX 1\* (WRC-15) **Frequencies and channelling arrangements in the high-frequency bands for the maritime mobile service, in force until 31 December 2016** (WRC-12) | Suppress completely Annex 1 because it was valid until 31 December 2016 |
| 13 | 295 | **AP17-31**ANNEX 2 (WRC-15) **Frequency and channelling arrangements in the high-frequency bands for the maritime mobile service, which enter into force on 1 January 2017** (WRC-12) | Frequency and channelling arrangements in the high-frequency bands for the maritime mobile service (WRC-19)Reason: Modify because Annex 2 entered into force on 1 January 2017. (Not a satellite/space related issue) |
| 14 | 302 | **AP17-38***w)* Administrations that intend to use Annex 2 to introduce data transmissions before 1 January 2017 for stations operating in the maritime mobile service shall not cause harmful interference to nor claim protection from stations in the maritime mobile service operating in accordance with Annex 1 of this Appendix and are encouraged to coordinate bilaterally with affected administrations. | Suppress or modify note *w)* because the date in force of this note is until 1 January 2017(Not a satellite/space related issue) |
| 15 | 327 | \* From 1 January 2019, channel 2027 will be designated ASM 1 and channel 2028 will be designated ASM 2. | Modify this note because of reference to 1 January 2019(Not a satellite/space related issue) |
| 16 | 328 | **AP18-4***m) …*\* From 1 January 2019, channel 2027 will be designated ASM 1 and channel 2028 will be designated ASM 2.*mm)* …\* From 1 January 2019, channel 2027 will be designated ASM 1 and channel 2028 will be designated ASM 2. | Modify notes *m)* and *mm)* because of reference to 1 January 2019(Not a satellite/space related issue) |
| 17 | 329 | **AP18-5***w)* In Regions 1 and 3:Until 1 January 2017, …From 1 January 2017, …. *wa)* In Regions 1 and 3:Until 1 January 2017,From 1 January 2017,*x)* From 1 January 2017, | Modify notes *w), wa), x)* because of reference to 1 January 2017(Not a satellite/space related issue) |

Reason: To address cases in the current version of the Radio Regulations that require updating.4 Proposal related to section 3.1.2.2 of Addendum 2 to Document 4RR No. **5.441B** states that the criterion of the power flux-density (PFD) produced by IMT stations in the mobile service in Cambodia, Lao P.D.R. and Viet Nam in the frequency band 4 800-4 990 MHz is subject to review at WRC-19, and Resolution **223 (Rev. WRC-15)** *invites ITU-R* to conduct studies of this criterion. The Director of the Radiocommunication Bureau has been informed by the relevant ITU-R technical group that studies have been carried out in response to Resolution **223 (Rev.WRC-15)** regarding this criterion, but no consensus has been reached as a consequence of those studies. It should be recognized the attention given to this topic at CPM19-2, as well as the result of discussion on this topic that is reflected in Chapter 6 of the CPM Report as follows: “*After discussions, CPM19-2 recognized that “this criterion is subject to review at WRC-19”, as per RR No.* ***5.441B****. CPM19-2 did not draw any conclusions on the matter. The Director of the Bureau may wish to consider this topic for the preparation of his Report to WRC-19, as appropriate. As requested by WRC-15, WRC‑19 was invited to review the matter and take appropriate action. Administrations are encouraged to consider the matter, if they deem appropriate, when preparing for WRC-19*”*.*The United States is of the view that the premise for the conditions for IMT stations in RR footnote No. 5.441B should be based on the application of the PFD protection limit, −155 dB(W/(m2 · 1 MHz)), along with any other technical criteria, as appropriate. RR No **5.441B** should bemodified accordingly to remove the text regarding review at WRC-19.5 Proposal related to section 3.1.3.1 of Addendum 2 to Document 4Under RR No. **9.1A**, the Bureau shall publish a general description of the satellite network or system for advance publication in a Special Section of the BR IFIC based on information sent under RR No. **9.30**. The United States of America notes that Bureau currently publishes this information in an API/C special section. Considering that the Bureau already publishes the complete information received under RR No. **9.30** in its website “as-received”, and also makes available a list of unique frequency bands for the notice, it is not necessary to have this extra publication of API/C.**USA/6A23A2A1/5****MOD****9.1A** Upon receipt of the complete information sent under No. **9.30**, the Bureau shallgenerate, using the basic characteristics of the coordination request, a general description of the network or system for advance publication and make this general description available on its website. The characteristics for this general description are listed in Appendix **4**.**Reason:** To eliminate an unnecessary publication, recognizing that the previously published Information is available on the Bureau's website.**6 Proposal related to section 3.1.3.3 of Addendum 2 to Document 4**RR No. **9.4** states that reports on the progress made in resolving any difficulties “shall” be submitted to the Bureau. However, since the Bureau does not require this information in the examination of the notification for recording, it is not necessary to provide this information except if the notifying administration wishes to keep the Bureau informed about the progress of its project. **USA/6A23A2A1/6**ARTICLE 9Procedure for effecting coordination with or obtaining agreement of other administrations1, 2, 3, 4, 5, 6, 7, 8, 9    (WRC‑15)Section I − Advance publication of information on satellitenetworks or satellite systemsSub-Section IA − Advance publication of information on satellite networks or satellite systems that are not subject to coordination procedure under Section IIMOD9.4 In the case of difficulties, the administration responsible for the planned satellite network or system shall explore all possible means to resolve the difficulties without considering the possibility of adjustment to networks or systems of other administrations. If no such means can be found, it may request the other administrations to explore all possible means to meet its requirements. The administrations concerned shall make every possible effort to resolve the difficulties by means of mutually acceptable adjustments to their networks or systems. An administration on behalf of which details of planned satellite networks or systems have been published in accordance with the provisions of No. 9.2Bmay, after the period of four months, inform the Bureau of the progress made in resolving any difficulties. If necessary, a further report shall be provided prior to the submission of notices to the Bureau under Article 11.**Reasons:** Remove the mandatory requirement to report the progress made in difficulties involving coordination.**7 Comment related to section 3.1.3.6 of Addendum 2 to Document 4**This section of the Report notes that the Radio Regulations contain 42 footnotes referring to RR No. **9.21** that are applicable to terrestrial services and draws attention to two aspects of the application of these footnotes by administrations. Firstly, it highlights that during the reporting period of 2015-2019, the requests for the application of the procedure under RR No. **9.21** were related only to RR Nos. **5.177, 5.316B** and **5.430A** (from amongst the 42 footnotes that are applicable to terrestrial services). Secondly, it notes that the criteria for identification of affected administrations required for the application of the RR No. **9.21** procedure are fully or partially available in the footnotes, e.g. RR No. **5.225A**, in the WRC Resolutions, e.g. Resolution **749 (Rev.WRC-15)**, or in the relevant Rules of Procedures, except for eight footnotes: RR Nos. **5.181**, **5.190**, **5.197**, **5.251**, **5.259**, **5.279**, **5.441B** and **5.482**, where no methodology and criteria for identification of affected administrations is available yet.The report then invites WRC-19 to give instructions to the relevant Study Groups to develop criteria for identification of affected administrations required for the application of the RR No. **9.21** in order to enable the Bureau to properly apply the RR No. **9.21** procedure, if WRC-19 approves new footnotes referencing RR No. **9.21**.The United States is of the view that Resolution **749 (Rev. WRC-15)** called out specific procedures for the use of the frequency band 790-862 MHz in certain countries of Region 1 only by mobile applications and by other services in order to protect the Aeronautical Radionavigation Service. This is one means to facilitate coordination, but is by no means something that WRC-19 should prescribe as a basis for the application of No. **9.21**; especially since that Resolution is quite specific to some countries and may not be suitably applied everywhere. In addition, the issue of coordination of the fixed and mobile services is inherently performed between affected neighboring administrations. The application of No. **9.21** would not necessarily be needed if those countries are able to find agreement on the use of these services. Hence, why there might not be many instances of the application of No. **9.21**. Therefore, the United States believes that there is no need for WRC-19 to give specific instructions to the relevant Study Groups to develop procedures to enable the application of No. **9.21** unless there is a specific requirement.**8 Comment related to section 3.1.3.4 of Addendum 2 to Document 4**The Unites States of America notes the discussion in Section 3.1.3.4 of Addendum 2 to Document 4 regarding the Bureau’s creation of a draft CR/D containing a listing of the administrations which have submitted a disagreement under RR No. **9.52** within the regulatory four-month period, and the Bureau’s current practice of providing an opportunity after the regulatory four-month period for the notifying administration to check comments from other administrations and add those not identified by the Bureau before an official CR/D is published. It has also been noted that during the period 2017-2018, out of 361 satellite networks for which a special section CR/C was published and a draft CR/D information telefax and database were sent, only 15 satellite networks (pertaining to 4 notifying administrations) provided draft CR/D information to the Bureau by validating the Bureau’s findings through SpaceCom software and no modification/addition request through the draft CR/D procedure has been filed.The United States of America supports the Bureau modifying their current practice by ceasing the creation of a draft CR/D.**9 Proposal related to section 3.1.4.1 of Addendum 2 to Document 4**Section 3.1.4.1 of the Director’s Report states that, “According to RR No. **11.47**, there is a clear requirement for an administration to confirm the bringing into use within thirty days following the period provided under RR No. 11.44. However, under RR No. **11.49**, the requirement for informing the Bureau concerning the bringing back into use is to inform the Bureau “as soon as possible”.” The Section then goes on to suggest that, in order for the Bureau to be informed about the start of the 90-day period required under RR No. **11.49.1**, the Conference may consider adding a similar deadline for bringing back into use. The Unites States of America notes that while RR No. **11.49** calls for administrations to inform the Bureau “as soon as possible” about the resumption of use of suspended frequency assignments, this provision also calls to RR No. **11.49.1**. This subordinate provisionclearly states that “A frequency assignment to a space station in the geostationary-satellite orbit shall be considered as having been brought back into use when a space station in the geostationary-satellite orbit with the capability of transmitting or receiving that frequency assignment has been deployed and maintained at the notified orbital position for a continuous period of 90 days. *The notifying administration shall so inform the Bureau within 30 days from the end of the 90-day period.*” (emphasis added). As such, notwithstanding the potentially ambiguous term “as soon as possible” in RR No. **11.49**, the required deadline for informing the Bureau of the bringing back into use of suspended frequency assignments is clearly defined in RR No. **11.49.1**, and no change is needed to RR No. **11.49**. **USA/6A23A2A1/7****ARTICLE 11****Notification and recording of frequency assignments****Section II − Examination of notices and recording of frequency assignments in the Master Register****NOC****11.49****Reasons:** No change is needed to RR No. **11.49** to clarify the required timing for informing the Bureau of the resumption of use of frequency assignments to a satellite network.**10 Comments related to section 3.1.4.2.1 of Addendum 2 to Document 4**This section of the Director’s report addresses examination under RR Nos.11.32 and 11.32A based on coordination agreement status at group levels of RR Appendix 4 notice forms, as opposed to the current practice of examination at the administration level. The section notes that, in addition to what is communicated to the Bureau in the AP4 notice forms, the Bureau has experienced situations when the notifying administration provides additional information through cover letters, sometimes mentioning or listing the affected satellite networks for which coordination has or has not been completed or for which coordination is no longer required due to suppression or removal of the affected satellite networks.The section goes on to describe the Bureau’s development of a software tool that would allow the notifying administration to convert information described above to a coordination status with respect to an affected administration at group levels of the notice form to either being complete, not completed or no longer required. In this tool the list of satellite networks published in the CR/C special section under RR No. **9.36.2** will be retrieved and the notifying administration will be able to indicate the satellite networks for which they have completed or not completed coordination. The tool will also indicate to the user those satellite networks that were previously identified and are no longer in the SRS\_ALL for reasons such as suppressions, removal because obsolete, etc. For these cases, the notifying administration can indicate that coordination is no longer required or that there has been an agreement already before the affected satellite network was removed. The United States of America fully supports the Bureau’s development of the software tool described in this section of the Director’s Report and confirms that the tool described will meet the needs of this administration in communicating our coordination status in relation to an affected administration. **11 Comments related to section 3.1.4.2.2 of Addendum 2 to Document 4**This section of the Director’s Report notes that the Bureau has been experiencing situations where notifying administrations have informed the Bureau, during the submission of the notification notice, that coordination under RR No. **9.7** has been completed with respect to specific satellite networks of certain administrations identified in the coordination requirements published in the CR/C Special Section under RR No. **9.36.2**.Currently, this type of information is received electronically or by fax and is not reflected in PART‑IS, PART-IIS or PART-IIIS publications.The examination under RR No. **11.32A** with respect to another administration may arrive to different C/I results, and respective findings, depending on whether the list of satellite networks in the C/I analysis includes all the networks listed under RR No. **9.36.2**, or only those networks for which coordination under RR No. **9.7** has not been successfully completed, as informed by the notifying administration. The United States is of the view that examination under RR No. **11.32A** should be conducted at the satellite network level, as opposed to being conducted at the administration level, in order that the notifying administration may benefit from the coordination agreements already obtained. This section of the report concludes with a description of a software module that could be developed by the Bureau to support examination at the network level. The United States of America supports the Bureau developing such a software module.**12 Proposals related to section 3.1.5.1 of Addendum 2 to Document 4**This section of the Director’s Report notes that there are no pfd limits for the allocation to the mobile-satellite service (MSS) in the frequency band 40-40.5 GHz in Table **21-4** of RR Article **21** of the Radio Regulations since WRC-2000. The section further notes that the origin of this discrepancy is that the mobile-satellite service was inadvertently removed at WRC‑2000 from RR Table **21-4** following modifications to this Table under WRC-2000 agenda item 1.4. **USA/6A23A2A1/8**ARTICLE 21**Terrestrial and space services sharing frequency bands above 1 GHz****Section V − Limits of power flux-density from space stations**TABLE **21-4** (Rev.WRC-19)

|  |  |  |  |
| --- | --- | --- | --- |
| Frequency band | Service\* | Limit in dB(W/m2) for anglesof arrival (δ) above the horizontal plane | Reference bandwidth |
| 0°-5° | 5°-25° | 25°-90° |
| ….. |  |  |  |  |  |
| 40-40.5 GHz | Fixed-satelliteMobile-satellite | −115 | −115 + 0.5(δ − 5) | −105 | 1 MHz |
| ….. |  |  |  |  |  |

**Reasons:** To correct the inadvertent deletion of the Mobile-satellite service from Table **21-4** by WRC-2000.**USA/6A23A2A1/9**In addition to the above change to Table **21-4**, it is proposed that the Bureau review the MSS frequency assignments already published for the 40-40.5 GHz band to ensure consistency with this change. **13 Proposals related to section 3.3.2.1 through 3.3.2.5 of Addendum 2 to Document 4**The first three of these sections of the Director’s Report address possible changes associated with various aspects of Resolution **49 (Rev. WRC-15)**. The fourth section addresses updates of due diligence information, and the fifth section address streamlining the submission of due diligence information. Considering these sections together, the United States of America sees advantages to the idea presented in Section 3.3.2.5 to merge the data called for in Resolution **49** with the submission of notification data. As is pointed out in the Report, this would streamline the process of submitting the data. In addition, as submission of notification information generally happens very late in the regulatory process, either after the satellite network has been brought into use or commensurate with it, the accuracy of the submitted due diligence data would make updates to this data unnecessary.  In order to implement this merging of data the United States of America proposes to integrate the data elements currently contained in Annex 2 to Resolution **49 (Rev.WRC-15)** in Appendix **4** of the Radio Regulations, as shown below. **USA/6A23A2A1/10** |
|  |

ANNEX 2

New Section in RR Appendix 4

| **Items in Appendix** | ***E - ADMINISTRATIVE DUE DILIGENCE INFORMATION*** |  |  |  |  |  | **Notification of a geostationary-satellite network (including space operation functions under Article 2A of Appendices 30 or 30A)**  |  |  | **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)** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | *The administrative due diligence information is required only for the notification of a satellite network in the fixed-satellite service, mobile-satellite service or the broadcasting-satellite service. For a satellite network that has been notified in advance of the bringing into use of the assignments, these information may be provided when submitting the notification or at the time of confirmation of bringing into use.* |  |  |  |  |
| **E.1** | **IDENTITY OF THE SATELLITE NETWORK** |  |  |  |  |
| E.1.a | Reference to the identity of the satellite network |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.1.b | Reference to frequency group of assignments notified under Article 11 |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.1.c | Name of the satellite |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| **E.2** | **SPACECRAFT MANUFACTURER** |  |  |  |  |
| E.2.a | Name of the spacecraft manufacturer |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.2.b | Date of execution of the contract |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.2.c | Start date for the contractual “delivery window” |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.2.d | End date for the contractual “delivery window” |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.2.e | Number of satellites procured |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| **E.3** | **LAUNCH-SERVICES PROVIDER** |  |  |  |  |
| E.3.a | Name of the launch vehicle provider |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.3.b | Date of execution of the contract |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.3.c | Date of launch or in-orbit deliveryRequired only if the administrative due diligence information is provided at the time of confirmation of bringing into use. |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.3.d | Start date for the launch or in-orbit delivery windowRequired only if the administrative due diligence information is provided in advance of bringing into use. |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.3.e | End date for the launch or in-orbit delivery windowRequired only if the administrative due diligence information is provided in advance of bringing into use. |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.3.f | Name of the launch vehicle |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.3.g | Name of the launch facility |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |
| E.3.h | Location of the launch facility |  |  |  |  |  | **+** |  |  | **+** | **+** | **+** |  |

Note: With the addition of this new Section in RR Appendix **4**, Resolution **49** could be suppressed and a number of provisions referencing this Resolution would have to be updated.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \* This agenda item is strictly limited to the Report of the Director on any difficulties or inconsistencies encountered in the application of the Radio Regulations and the comments from administrations. [↑](#footnote-ref-1)