



Radiocommunication Bureau (BR)

Circular Letter
CCRR/66

10 August 2020

To Administrations of Member States of the ITU

Subject: **Draft Rules of Procedure**

At its 83rd and 84th meetings, the Radio Regulations Board (RRB) agreed the schedule for considering draft new and modified Rules of Procedure, as contained in Document [RRB20-3/1](#). Accordingly, the Bureau prepared a set of draft new or modified Rules of Procedure annexed to this Circular Letter:

- Annex 1, modification to the existing Rule of Procedure on No. **9.11A**;
- Annex 2, modification to the existing Rule of Procedure on No. **9.21**;
- Annex 3, modification to the existing Rule of Procedure on No. **11.44**;
- Annex 4, new Rule of Procedure on No. **11.46**;
- Annex 5, modification to the existing Rule of Procedure on Annex 4 of Appendix **30B**;
- Annex 6, modification to the existing Rule of Procedure on Part B6.

In accordance with No. **13.17** of the Radio Regulations, these draft Rules of Procedure are made available to administrations for comments before being submitted to the Board pursuant to No. **13.14**. As indicated in No. **13.12A d)** of the Radio Regulations, any comments that you may wish to submit should reach the Bureau not later than **21 September 2020**, in order to be considered at the 85th meeting of the RRB, scheduled for 19 – 27 October 2020. Comments should be sent preferably by email to brmail@itu.int. The Bureau is also capable to receive comments by telefax (+41 22 730 5785), but not in a position to respond by fax, as explained in Circular Letter [CR/462](#) of 1 July 2020.

In addition, the Bureau compiled the decisions of WRC-19 which do not appear in the Conference's Final Acts, but are reflected in the minutes of WRC-19 plenary meetings and may, as decisions with the status of an authentic interpretation of the Radio Regulations, be included in the Rules of Procedure. At its 84th meeting, the Board endorsed the list of such plenary meeting decisions and instructed the Bureau “to circulate WRC-19 plenary meeting decisions to the administrations, indicating the intention to add these decisions as notes to the relevant parts of the Rules of Procedure” (see Annex 7). Since these decisions have been adopted by WRC-19 and, as such, have a higher status than Rules of Procedure, the text of these decisions will be added in the relevant

parts of the Rules of Procedure without any modification. Consequently, Annex 7 is included in this Circular Letter for convenience of administrations and for information only.

The Radiocommunication Bureau remains at the disposal of your Administration for any clarification you may require.

Mario Maniewicz
Director

Annexes: 7

Distribution:

- Administrations of Member States of ITU
- Members of the Radio Regulations Board

ANNEX 1

Rules concerning

ARTICLE 9 of the RR

9.11A

(...)

MOD

TABLE 9.11A-1

Applicability of the provisions of Nos. 9.11A-9.14 to stations of space services

1	2	3		4		5	6	7
Frequency band (MHz)	Footnote No. in Article 5	Space services mentioned in a footnote referring to Nos. 9.11A, 9.12, 9.12A, 9.13 or 9.14, as appropriate		Other space services or systems to which Nos. 9.12 to 9.14 provisions(s) apply equally, as appropriate		Applicable Nos. 9.12 to 9.14 provision(s), as appropriate	Terrestrial services in respect of which No. 9.14 apply equally	Notes
137-137.025 137.175-137.825	5.208	MOBILE-SATELLITE (non-GSO)	↓	SPACE OPERATION METEOROLOGICAL-SATELLITE SPACE RESEARCH	↓	9.12, 9.12A, 9.13, 9.14	FIXED (5.204, 5.205) LAND MOBILE (5.204, 5.205) MARITIME MOBILE (5.204, 5.205) AERONAUTICAL MOBILE (OR) (5.204, 5.206) BROADCASTING (5.207)	1
<u>137.175-137.825</u>	<u>5.208</u>	<u>MOBILE-SATELLITE (non-GSO)</u>	↓	<u>SPACE OPERATION (with the exception of short-duration mission (non-GSO) in accordance with Resolution 660 (WRC-19) (See No.5.209A))</u> <u>METEOROLOGICAL-SATELLITE</u> <u>SPACE RESEARCH</u>	↓	<u>9.12, 9.12A, 9.13, 9.14</u>	<u>FIXED (5.204, 5.205)</u> <u>LAND MOBILE (5.204, 5.205)</u> <u>MARITIME MOBILE (5.204, 5.205)</u> <u>AERONAUTICAL MOBILE (OR) (5.204, 5.206)</u> <u>BROADCASTING (5.207)</u>	<u>1</u>

Reasons: WRC-19 adopted No. 5.209A, which exempts non-geostationary satellite systems in the space operation service identified as short-duration mission from coordination under No. 9.11A.

Effective date of application of the modified rule: immediately after approval of the rule.

ANNEX 2

Rules concerning

ARTICLE 9 of the RR

MOD

9.21

1 Notification under Article 11 before the completion of the procedure of No. 9.21

The Bureau accepts notifications under Article 11 with a reference to No. 4.4 in a band where the coordination procedure of No. 9.21 is to be applied at any moment before starting the procedure or during the application of the procedure of No. 9.21 (See No. 11.31.1). ~~For cases of notification under Article 11, where the coordination of No. 9.21 was already initiated but not yet fully completed, see~~ See comments under the Rules of Procedure relating to ~~No. 11.31.1 and~~ No. 11.37.

2 NOC

3 NOC

Reasons: The rules of procedure relating to No. 11.31.1 were suppressed following the modification of this provision that was adopted by WRC-03.

Effective date of application of the modified rule: immediately after approval of the rule.

ANNEX 3

Rules concerning

ARTICLE 11 of the RR

MOD

11.44

~~1~~—The information concerning the date of bringing into use is to be provided in the following occasions:

- in AP4 notice forms when submitted under No. **11.15**; and
- in the confirmation of the date of bringing into use under Nos. **11.44.2, 11.47, and 11.44B, 11.44C, 11.44D and 11.44E.**

It should be noted that the information concerning the date of bringing into use shall be provided for each assignment or group of assignments. (See also the Rules of Procedure concerning No. **11.44B, 11.44C, 11.44D and 11.44E.**)

~~2~~—The Board considered the information to be provided for the bringing into use of any frequency assignment to space stations of a non-geostationary satellite system in the FSS or MSS prior to the adoption of regulatory provisions by a future world radiocommunication conference and concluded as follows:

~~In order to consider any frequency assignment to a space station of a non-geostationary satellite system as having been brought into use, the notifying administration has to inform the Bureau that at least one space station with the confirmed capability of transmitting or receiving that frequency assignment has been deployed for a continuous period of ninety days on one of the notified orbital planes of the non-geostationary satellite system, irrespective of the notified number of orbital planes and satellites per orbital plane in the system. The notifying administration shall so inform the Bureau within thirty days from the end of the ninety day period. A frequency assignment to a space station of a non-geostationary satellite system with a notified date of bringing into use more than 120 days prior to the date of receipt of the notification information shall also be considered as having being brought into use if the notifying administration confirms, when submitting the notification information for this assignment, that at least one space station with the capability of transmitting or receiving that frequency assignment has been deployed on one of the notified orbital planes of the non-geostationary satellite system and maintained for a continuous period of time from the notified date of bringing into use until the date of receipt of the notification information for this frequency assignment. The date of deployment of the first satellite at its intended orbit shall be within the seven-year time limit for bringing frequency assignments to a space station into use under No. 11.44.~~

MOD

**11.44B, 11.44C,
11.44D and
11.44E**

1 ~~This~~ These provisions concerns the bringing into use of a frequency assignment to a space station ~~in the geostationary satellite orbit~~. In order to consider such a frequency assignment as having been brought into use, the notifying administration has to inform the Bureau, within thirty days from the end of the ninety-day period defined in Nos. 11.44B or 11.44C, or from the date of deployment defined in Nos. 11.44D or 11.44E, of the deployment information specified in these provisions ~~during which a space station in the geostationary satellite orbit with the capability of transmitting or receiving that frequency assignments has been deployed and maintained continuously at the notified orbital location.~~

2 The Board carefully studied the relationship between the various provisions related to bringing into use of frequency assignments for a ~~GSO~~-satellite network or system under Nos. **11.43A**, **11.44**, **11.44.2**, **11.44.3**, **11.44B**, **11.44B.1**, **11.44B.2**, **11.44C**, **11.44C.1**, **11.44C.2**, **11.44C.3**, **11.44C.4**, **11.44D**, **11.44D.1**, **11.44D.2**, **11.44D.3**, **11.44E**, **11.44E.1** and **11.47** and concluded that the Bureau will apply the following procedure.

3 No. **11.44**¹⁰ establishes the regulatory time limit for bringing frequency assignments to a space station into use and states that the Bureau shall cancel those frequency assignments which are not brought into use within the required regulatory period. Nos. **11.44B**, **11.44C**, **11.44D** and **11.44E**, ~~and as well as~~ Nos. **11.44B.2** and **11.44C.3**, established the conditions upon which a frequency assignment to a space station ~~in the geostationary satellite orbit~~ shall be considered as having been brought into use. The Bureau will record the date of the commencement of the ninety-day period defined in Nos. **11.44B** or **11.44C**, or the date of deployment defined in Nos. 11.44D or 11.44E, or the date provided by the administration in accordance with Nos. **11.44B.2** or **11.44C.3**, as the notified date of bringing into use (see No. **11.44.2**). The date of bringing into use of an assignment will be made available on the BR web with indication of status of confirmation and subsequently be published in PART II-S of the BR IFIC if the assignment is to be recorded in MIFR. In the absence of the confirmation information under Nos. **11.44B**, **11.44C**, **11.44D** and **11.44E**, ~~and as well as~~ Nos. **11.44B.2** and **11.44C.3**, the Bureau shall cancel the assignments provisionally recorded in the MIFR under No. **11.44**¹¹ and/or delete the relevant special sections under No. **11.48**¹², as appropriate.

4 Frequency assignments for which an administration has submitted notification information for recording in the MIFR without submitting the mandatory information required under provision No. **11.44B**, **11.44C**, **11.44D** and **11.44E**, will be recorded provisionally in the MIFR. Thereafter, at the end of the period provided under No. **11.44**, the Bureau shall act in accordance with the provisions of No. **11.47** and/or Nos. **11.44B**, **11.44C**, **11.44D** and **11.44E**.

Reasons: WRC-19 adopted new provisions Nos. **11.44C**, **11.44D** and **11.44E** concerning the bringing into use of frequency assignments to non-geostationary satellite networks or systems, which correspond to the existing provision No. **11.44B** for the case of geostationary satellite networks.

Effective date of application of the modified rule: immediately after approval of the rule.

¹⁰ Similarly applicable to §§4.1.3 or 4.1.3**bis** or 4.2.6 or 4.2.6**bis** of Article 4 of Appendices **30** and **30A** and §§6.1 or 6.31**bis**, and 6.33 of Article 6 of Appendix **30B**.

¹¹ Similarly applicable to §5.3.1 of Article 5 of Appendices **30** and **30A** and §8.16 of Article 8 of Appendix **30B**.

¹² Similarly applicable to §§4.1.3 or 4.1.3**bis** or 4.2.6 or 4.2.6**bis** of Article 4 of Appendices **30** and **30A** and §6.33 of Article 6 of Appendix **30B**.

ANNEX 4

**Rules concerning
ARTICLE 11 of the RR****ADD****11.46**

This provision describes the actions of the Bureau in respect to the resubmitted notices that are received more than six months after the date on which the original notice was returned. The Board studied its applicability to space and terrestrial notices and concluded that:

- a) the requirement contained in the first sentence of this provision and stating that a resubmitted notice received more than six months after the date of its return is considered as a new notification, shall be applied to frequency assignments to space and terrestrial stations;
- b) all other requirements of No. **11.46**, as well as provision of No. **11.46.1** shall apply only to frequency assignments to space stations.

***Reasons:** The first sentence of No. **11.46** determines a time period, during which a notice returned by the Bureau, is eligible for resubmission and retaining the original date of receipt. The six-month period, specified in the provision, equally applies to space and terrestrial notices, since no other time limit is determined by the Radio Regulations.*

Concerning the second sentence, it explicitly refers to space notifications only.

*WRC-19 added to No. **11.46** two additional sentences specifying the following Bureau's actions:*

- *to reflect the resubmission on the ITU website, as per the last sentence of No. **11.46**;*
- *to send a reminder to the notifying administration, as per No. **11.46.1**.*

Since these two additional requirements were developed only by satellite specialists in ITU-R Working Party 4A, CPM19 and WRC-19, without involvement of terrestrial experts, and the reasons for these additions are valid only for space notifications, they should be applicable only to space stations.

More specifically, the development of these two additional requirements was undertaken under issue C5 of agenda Item 7 of WRC-19. The relevant discussions took place in Working Party 4A, then under Chapter 3 of CPM19 on space issues and in Committee 5 of WRC-19. Terrestrial experts of Study Group 5, CPM19 and Committee 4 of WRC-19 were not consulted, no liaison statements were sent to them.

The reasons for these two additions and inapplicability of these reasons for terrestrial resubmissions are shown below.

The main reason for posting satellite resubmissions on the web is that such resubmissions are often sent by e-mails and faxes and only to the Bureau. As such, they are not visible to other administrations involved in the coordination process. This is different from new satellite notices that are sent and published in a database format that can be consulted and seen by all administrations in the Bureau's "as-received" website.

This reason is not valid for terrestrial resubmissions, since they are published in the same database format as new terrestrial assignments and, as such, available to all administrations through BRIFIC publications.

*Among the reasons for sending a reminder to the notifying administration in No. **11.46.1** are the following:*

- if the administration resubmits the notice within the six-month period, no additional cost recovery fees imposed on it. If the administration misses the six-month period, the notification is considered as a new notification and becomes subject to a new cost-recovery fee;*
- The seven-year period specified in No. **11.44.1** may expire during the examinations of a notice in the Bureau or after its return. In this situation, if the administration misses the six-month period, the resubmitted notices gets a new date of receipt and the entire coordination process for it should be restarted.*

The both reasons listed above are not valid for terrestrial notifications, since they are not subject to any cost recovery fee and they do not have any expiry date.

*Given the above considerations and to avoid additional unnecessary burden on administrations and the Bureau, it is proposed to limit the application of the last sentence of No. **11.46** and of No. **11.46.1** to satellite notices only.*

Effective date of application of the Rule: 1 January 2021.

ANNEX 5

Rules concerning

APPENDIX 30B to the RR

ADD

Appendix 1 to Annex 4**Method for determination of the overall single-entry and aggregate carrier-to-interference value averaged over the necessary bandwidth of the modulated carrier****2. Aggregate C/I**

Taking into account the orbital spacing values contained in §§ 1.1 and 1.2 of Annex 4 to Appendix **30B (Rev.WRC-19)**, the Board decided that, in calculating the aggregate (C/I)_{agg} at a given downlink test point, the Bureau shall take into account only the interfering allotments or assignments for which the orbital separation with the desired satellite is less than or equal to 7° in the case of the 6/4 GHz bands and less than or equal to 6° in the case of the 13/10-11GHz bands.

Reasons: *The values of the orbital spacing between an allotment or an assignment considered as being affected and the proposed new allotment or assignment as specified in §§ 1.1 and 1.2 of Annex 4 of Appendix 30B were modified by WRC-19. The same orbital spacing values shall be used in Appendix 1 to Annex 4.*

Effective date of application of the rule: immediately after approval.

ANNEX 6

Rules concerning

PART B

SECTION B6

MOD

Rules concerning criteria for applying the provisions of No. 9.36 to a frequency assignment in the terrestrial services whose allocation or identification is governed by Nos. 5.292, 5.293, 5.295, 5.296A, 5.297, 5.308, 5.308A, 5.309, 5.323, 5.325, 5.326, 5.341A, 5.341C, 5.346, 5.346A, 5.429D, 5.429F, 5.430A, 5.431A, 5.431B, 5.432B, ~~and 5.434~~¹ and [5.553A](#)

...

2 For identification of the administrations whose agreement may need to be obtained, in the context of the provisions of Nos. [5.292](#), [5.293](#), [5.295](#), [5.296A](#), [5.297](#), [5.308](#), [5.308A](#), [5.309](#), [5.323](#), [5.325](#), [5.326](#), [5.341A](#), [5.341C](#), [5.346](#), [5.346A](#), [5.429D](#), ~~and 5.429F~~, [5.430A](#), [5.431A](#), [5.431B](#), [5.432B](#), [5.434](#) and [5.553A](#), the following criteria are applied:

...

TABLE 1
Applicability of No. 9.21

Footnote	Frequency band (MHz)	Allocated service (No. 9.21)	Protected service
<i>Editor's note: No changes in the other frequency bands</i>			
5.553A	45 500-47 000	LMS (IMT)	AMS, RNS

...

...

[3.9](#) For the protection of stations of the aeronautical mobile and radionavigation services in the frequency band 45.5-47 GHz from IMT in the context of the provision of No. [5.553A](#), the coordination distance is contained in Table 4.

¹ See also Rules of Procedure to Nos. [5.312A](#), [5.316B](#), [5.341A](#) and [5.346](#).

TABLE 4
Coordination distance for protection of the AMS and RNS
from the IMT systems
in the frequency band between 45.5-47 GHz

<u>Footnote</u>	<u>Frequency range (GHz)</u>	<u>Allocated service (application) (No. 9.21)</u>	<u>Protected service</u>	<u>Coordination distance (km)</u>
<u>5.553A</u>	<u>45.5-47</u>	<u>LMS (IMT)</u>	<u>AMS, RNS</u>	<u>65</u>

Note: The coordination distance was calculated using a method based on Recommendation ITU-R P.676-12 for atmospheric attenuation in addition to Recommendation ITU-R P.525-4 for free space loss. The protection criteria (I/N) – 6 dB, receiver antenna gain 27 dBi and noise figure 4 dB were taken from Recommendation ITU-R M.2115-0 for aeronautical mobile service airborne station in the frequency band 45.5-47 GHz. The maximum e.i.r.p. of IMT-2020 base station was assumed 25.2 dB(W/200 MHz).

Reasons: WRC-19 adopted new footnote No. **5.553A** dealing with the identification of the band 45.5-47 GHz for administrations wishing to use IMT systems. This identification is subject to obtaining agreement of other administrations concerned under No. **9.21** with respect to the co-primary aeronautical mobile and radionavigation services, and therefore require determining protection criteria and calculation method to identify potentially affected administrations.

To date, there is no ITU-R Recommendation defining technical criteria to be used for IMT stations for triggering the coordination in the band 45.5-47 GHz. Until such time that a calculation method and technical criteria are included in the Radio Regulations or in the relevant ITU-R Recommendation, in applying this provision, for establishing coordination requirements it is proposed to introduce a coordination distance from an IMT station on the ground to the border of another country equal to 65 km. This distance was derived as explained in the Note to Table 4.

Effective date of application of the Rule: 1 January 2021.

ANNEX 7

Rules concerning

ARTICLE 9 of the RR

MOD

9.11A

(...)

TABLE 9.11A-1

Applicability of the provisions of Nos. 9.11A-9.14 to stations of space services

(...)

TABLE 9.11A-1 (*continued*)

1	2	3	4	5	6	7
Frequency band (MHz)	Footnote No. in Article 5	Space services mentioned in a footnote referring to Nos. 9.11A, 9.12, 9.12A, 9.13 or 9.14, as appropriate	Other space services or systems to which Nos. 9.12 to 9.14 provisions(s) apply equally, as appropriate	Applicable Nos. 9.12 to 9.14 provision(s), as appropriate	Terrestrial services in respect of which No. 9.14 apply equally	Notes
1 164-1 215	5.328B	RADIONAVIGATION-SATELLITE	↓ ↔	---	9.12, 9.12A, 9.13	---
(...)						
1 215-1 300	5.328B	RADIONAVIGATION-SATELLITE	↔	--- (See No. 5.332 and 5.329A)	9.12, 9.12A, 9.13	--- (See No. 5.329)
(...)						
1 559-1 610	5.328B	RADIONAVIGATION-SATELLITE	↔	--- (See No. 5.329A)	9.12, 9.12A, 9.13	---

Notes to Table 9.11A-1:

(...)

⁷ Note: WRC-19 took the following decision related to the coordination requirement under RR No. 9.7 for an inter-satellite link of a geostationary space station communicating with non-geostationary space station, as referred to in RR No. 5.328B, see items 3.11 to 3.15 of the Minutes of the 8th Plenary meeting, Doc. CMR19/569:

“In considering section 3.1.2.1 on ‘Coordination requirement under RR No. 9.7 for an inter-satellite link of a geostationary space station communicating with non-geostationary space station, as referred to in RR No. 5.328B’, in order to fulfil the requirements of RR No. 5.328B and of § 6.4 of the Rule of Procedure relating to RR No. 11.32, WRC-19 instructs the Bureau to establish coordination requirements for such link of a GSO station based on frequency overlap similar to that of a non-GSO station until such time as some other criteria or method is established.”

MOD

9.52C

1 Case of administrations not responding

With respect to an administration not responding, an administration having applied the procedure shall be regarded as having successfully completed the procedure of this Article for assignments for which there was no response.

Note: During the approval of the parts of Document CMR19/189 related to No. 9.52C, WRC-19 took the following decision related to the deadline contained in this provision, see items 5.1 to 5.8 of the Minutes of the 4th Plenary meeting, Doc. CMR19/237:

“Before the expiry of the deadline referred to in this document, the Radiocommunication Bureau shall send a message to the administrations concerned drawing their attention to the need to reply within the deadline as contained in the document.”

(...)

Rules concerning

ARTICLE 11 of the RR

MOD

11.31

(...) [*Note: no change is proposed to §§ 1 and 2 to 2.5*]

2.6 The list of these “other provisions”, referred to in No. **11.31.2**, applicable to space services, is given below so far as Articles **21** and **22** are concerned:

(...) [*Note: no change is proposed to §§ 2.6.1 to 2.6.2*]

2.6.3 conformity with the limits of power flux-density from space stations produced at the Earth’s surface as indicated in the Table **21-4** (No. **21.16**)^{6bis}, as well as with the epfd_{\downarrow} limits in Tables **22-1A** to **22-1E** (No. **22.5C**), taking into account, as appropriate, the provisions of Nos. **21.17** and **22.5CA**;

(...) [*Note: no change is proposed to §§ 2.6.4 to 7*] (...)

^{6bis} Note: WRC-19 took the following decision related to compliance of frequency assignments to non-GSO FSS satellite systems with RR Article 21 pfd limits applicable in the frequency band 17.7-19.3 GHz, see items 3.11 to 3.15 of the Minutes of the 8th Plenary meeting, Doc. CMR19/569:

“WRC-19 (...) instructs the Radiocommunication Bureau to issue qualified favorable findings under RR Nos. 9.35/11.31 when examining compliance of frequency assignments to non-GSO FSS satellite systems with RR Article 21 pfd limits applicable in the frequency band 17.7-19.3 GHz if the notifying administration requests it to do so. Such practice shall apply to non-GSO FSS satellite systems for which coordination requests have been received from 23 November 2019 until the last day of WRC-23”

MOD**11.47**

The reference in No. **11.47** to No. **11.44** and its regulatory period should be considered as five years from the date of receipt of a notice of a change referred to in No. **11.43A**. (See also the comments made under the Rules of Procedure concerning No. **11.43A** and No. **11.44B**).

[Note: WRC-19 took the following decision related to the implementation of No. 11.47 with respect to provisional recordings, see items 3.11 to 3.15 of the Minutes of the 8th Plenary meeting, Doc. CMR19/569:](#)

[“In considering section 3.1.4.3 on ‘Possible revision to the implementation of RR No. 11.47 with respect to provisional recordings’, WRC-19 decided upon the second option of two options raised in this section were preferred to address the issue as follows:](#)

[The Bureau is instructed to automatically extend the foreseen dates of bringing into use in the database to the end of the regulatory period established under RR No. 11.44 if no confirmation has been received by the Bureau within four months from the foreseen date of bringing into use: no publication will be issued for this revision of the date of bringing into use, but this information will be visible on the BR website. This option does not require any change in the current Radio Regulations.”](#)

Rules concerning

ARTICLE 13 of the RR^{*,**}

* **Note:** WRC-15 took the decision related to RR No. **13.6** during the 8th Plenary, Par. 1.39 to 1.42 of Doc. CMR15/505, approval of Doc. CMR15/416 in relation to Section 6 of Doc. 4 (Add2) (Rev1) (Add1)), as follows:

*“With regards to the issue of whether partial evidence provided by an administration to support the use of frequency assignments across a frequency band may be considered as sufficient, in a reply to a RR No. **13.6** query, to demonstrate the use, or continuation of use, of frequency assignments in accordance with the notified characteristics recorded in the MIFR, WRC-15 was of the view that administrations need to respond as completely as practicable to queries under RR No. **13.6**. If the Bureau receives what it considers to be a partial reply to a query, it is expected that the Bureau would further clarify the scope of its query for the administration or request additional or alternative information. In addition, it was recognized that WRC-15 agreed some revisions to RR No. 13.6 that are intended to ensure greater transparency in the application of this provision. These revisions should have the consequence of helping to address such issues.”*

** **Note:** [WRC-19 took the following decision related to the application of No. **13.6**, see items 10.5 to 10.7 of the Minutes of the 10th Plenary meeting, Doc. CMR19/571:](#)

[“1 WRC-19 has adopted a new milestone-based approach for the deployment of non-geostationary satellite systems in specific bands and services. WRC-19 indicates to the Director of the Radiocommunication Bureau that with the milestone approach, WRC-19 is not encouraging routine use of No. **13.6** in the Radio Regulations, in the absence of reliable information, to seek confirmation of the deployment of the number of satellites in notified orbital planes for non-geostationary satellite orbit systems in frequency bands and services not listed in *resolves 1* of the new Resolution.](#)

[\(...\)](#)

[Furthermore, WRC-19 instructs the Bureau in applying the relevant provisions of the RR \(e.g. No. **11.44C.2** or *resolves 9d*\) of Resolution **\[7\(A\)-NGSO-MILESTONES\]** to exercise utmost caution until such time as ITU-R completes studies on tolerances.”](#)

Rules concerning

APPENDIX 30 to the RR

ADD

Annex 7

Note: WRC-19 took the following decision related to the application of revised Annex 7 to RR Appendix 30 and associated Resolutions, see items 4.1 to 4.4 of the Minutes of the 7th Plenary meeting, Doc. CMR19/568:

“Instructions to the Radiocommunication Bureau in application of revised Annex 7 to RR Appendix 30 and associated Resolutions

1 Application of the revised orbital limitations applicable to broadcasting satellites serving an area in Region 1 and using a frequency in the band 11.7-12.2 GHz

When, under Article 4 of RR Appendix **30**, an administration of Regions 1 and 3 submits to the Bureau a new satellite network with frequency assignments in the band 11.7-12.2 GHz, serving an area in Region 1 from the West and occupying a nominal orbital position further west than 37.2° W, the frequency assignments of this satellite network shall be deemed receivable only if a portion of land located in the western part of Region 1 as determined by the relevant software application of the Radiocommunication Bureau (excluding any territory with special status (e.g. Antarctica)) is visible from the nominal orbital position of that satellite network (i.e. the elevation angle is greater than 5 degrees). Otherwise the Bureau shall return those assignments to the notifying administration.

2 Application of the revised orbital limitations applicable to broadcasting satellites serving an area in Region 2 and using a frequency in the band 12.2-12.7 GHz

When, under Article 4 of RR Appendix **30**, an administration of Region 2 submits to the Bureau a new satellite network with frequency assignments in the band 12.2-12.5 GHz (resp. 12.5-12.7 GHz), serving an area in Region 2 from the East and occupying a nominal orbital position further east than 44° W (resp. 54° W), the frequency assignments of this satellite network shall be deemed receivable only if a portion of land located in the eastern part of Region 2 as determined by the relevant software application of the Radiocommunication Bureau (excluding any territory with special status (e.g. Antarctica)) is visible from the nominal orbital position of that satellite network (i.e. the elevation angle is greater than 5 degrees). Otherwise the Bureau shall return those assignments to the notifying administration.

3 Application of Resolution COM5/2 (WRC-19)

Resolves 2 of Resolution **COM5/2 (WRC-19)** indicates that identification of frequency assignments of certain networks associated to 40-cm and 45-cm earth station antenna diameters are based only on EPM and a minimum orbital spacing less than 9 degrees. This *resolves* only applies in the frequency band 11.7-12.2 GHz. The HISPASAT-37A satellite network included in Annex 1 of this Resolution contains frequency assignments, which partially overlap with the frequency band 11.7-12.2 GHz. For the protection of such assignments from non-planned satellite networks, the criteria contained in Resolution **COM5/4 (WRC-19)** shall be applied however, for the protection of these assignments from new submissions under Article 4 that are subject to Resolution **COM5/2 (WRC-19)**, the criteria contained in *resolves* 2 of this Resolution shall be used.

4 Application of new Resolution COM5/3 (WRC-19)

a) Resolves 2 on the date of receipt of submissions

Submissions referred to in *resolves 2* shall have a common date of receipt of 21 May 2020. The formal date of receipt and the date of protection shall be 21 May 2020 if the submissions are complete. If the submissions are incomplete and a reply to the Bureau's telefax seeking for missing information is received on or before 21 May 2020, the formal date of receipt and the date of protection shall be 21 May 2020. If the reply to the Bureau's telefax is received after 21 May 2020, the date of protection shall be the same as the formal date of receipt established in accordance with the Rule of Procedure on the receivability of the notice. The established date of protection shall be used for the Bureau's examination under relevant provisions of RR Appendices **30** and **30A**. For submissions with the same formal date of receipt, the Bureau shall mutually take them into account in its technical and regulatory examination.

b) Resolves 3 on the date of receipt of submissions

Submissions referred to in *resolves 3* (i.e. submissions under § 4.1.3 of RR Appendix **30** in the frequency bands 11.7-12.5 GHz and feeder-links assignments in the frequency bands 14.5-14.8 GHz and 17.3-18.1 GHz of RR Appendix **30A**) at an orbital position of orbital arcs for which the limitations of Annex 7 to RR Appendix **30 (Rev.WRC-15)** were suppressed by WRC-19 and not meeting the specified requirements in § 1 of the Attachment to that Resolution, shall have a common date of receipt of 22 May 2020. For those submissions, the date of protection shall be the same as the formal date of receipt established in accordance with the Rule of Procedure on the receivability of the notice. The established date of protection shall be used for the Bureau's examination under relevant provisions of RR Appendices **30** and **30A**. For submissions with the same formal date of receipt, the Bureau shall mutually take them into account in its technical and regulatory examination.

c) Submissions under § 4.1.12 of RR Appendix 30/30A of the satellite networks applying that Resolution

During the frequency coordination, the notifying Administration may change the beam from elliptical to shaped. Therefore, the Bureau shall accept submissions of satellite networks applying that Resolution and containing a shaped beam under § 4.1.12 of RR Appendices **30** and **30A**, if the characteristics of the submission under § 4.1.12 are within the envelope of the characteristics of submission under § 4.1.3.

5 Calculation of the minimum geocentric orbital separation referred to in *resolves 1 and 2* of Resolution COM5/4 (WRC-19)

When calculating the minimum geocentric orbital separation between the wanted and interfering space stations, the Bureau shall take into account the East-West station-keeping accuracies of the FSS and BSS space stations so that the two space stations are the closest.

6 In relation with the specific case of the Administration of South Sudan, which currently does not have any frequency assignments in the Plans of RR Appendices **30** and **30A**, WRC-19 decided that the Administration of South Sudan may apply Resolution **COM5/3 (WRC-19)** and instructed the Radiocommunication Bureau to accept such submission from the administration of South Sudan.”

Rules concerning

APPENDIX 30B to the RR

MOD

An. 3 and An. 4

(...) [No change is proposed to the current text, except the addition of the following note at the end]

Note: WRC-19 took the following decision related to Annexes 3 and 4 of Appendix 30B, see items 13.7 to 13.9 of the Minutes of the 10th Plenary meeting, Doc. CMR19/571 (see also the Rules of Procedure on Resolution 170 (WRC-19)):

“Instructions to the Radiocommunication Bureau in application of Annex 3 and Annex 4 of RR Appendix 30B as well as of criteria referred to in Resolution [A7(E)-AP30B] (WRC-19) in its processing, after 22 November 2019, of submissions received under that Appendix

The Radiocommunication Bureau shall continue to calculate and update already accepted single-entry values in both uplink and downlink for all RR Appendix 30B satellite networks in consistency with footnotes X2 and X3 to item 2.1 of the Annex 4 of RR Appendix 30B (Rev.WRC-19), so that this information could be used by administrations during coordination of their respective networks. The Radiocommunication Bureau shall apply:

1 For complete submissions under § 6.1 received by the Bureau before 23 November 2019:

- a) Annex 3 (WRC-07) in its examination under § 6.3 b);
- b) Annex 4 (Rev.WRC-07) in its examination under § 6.5.

Note: Including protection of submissions under Issue E examined before Part A.

2 For complete submissions under § 6.17 received by the Bureau before 23 November 2019:

- a) Annex 3 (WRC-07) in its examination under § 6.19 c);
- b) Annex 4 (Rev.WRC-07) in its examination under § 6.21;
- c) Annex 4 (Rev.WRC-07) in its further examination under the new footnote to § 6.21 c);
- d) Annex 4 (Rev.WRC-07) in its examination under § 6.22.

Note: Including protection of submissions under Issue E examined before Part B.

3 For complete submissions under § 6.17 received by the Bureau after 22 November 2019, related to complete submissions under § 6.1 received by the Bureau before 23 November 2019:

- a) Annex 3 (WRC-07) in its examination under § 6.19 c);
- b) Annex 4 (Rev.WRC-07) in its examination under § 6.21;
- c) Annex 4 (Rev.WRC-07) in its further examination under footnote YY to § 6.21 c) if the remaining affected assignments are recorded in the List before 23 November 2019;
- d) Annex 4 (Rev.WRC-19) in its further examination under footnote YY to § 6.21 c) if the remaining affected assignments are recorded in the List after 22 November 2019;
- e) Annex 4 (Rev.WRC-19) in its examination under § 6.22.

Note: Including protection of submissions under Issue E examined before Parts A and/or B.

- 4 For complete submissions under § 6.1 received by the Bureau after 22 November 2019:
- a) Annex 3 (Rev.WRC-19) in its examination under § 6.3 b);
 - b) Annex 4 (Rev.WRC-19) in its examination under § 6.5.
- 5 For complete submissions under § 6.17 received by the Bureau after 22 November 2019, related to complete submissions under § 6.1 received by the Bureau after 22 November 2019:
- a) Annex 3 (Rev.WRC-19) in its examination under § 6.19 c);
 - b) Annex 4 (Rev.WRC-19) in its examination under § 6.21;
 - c) Annex 4 (Rev.WRC-19) in its examination under § 6.22.
- 6 For complete submissions under § 6.1 in application of Resolution [A7(E)-AP30B] (WRC-19):
- a) Annex 3 (Rev.WRC-19) in its examination under § 6.3 b);
 - b) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution [A7(E)-AP30B] (WRC-19) in its examination under § 6.5, as appropriate.
- Note: Including examination of submissions under Issue E before the examination of the last normal Part A and/or Part B received before 23 November 2019.
- 7 For complete submissions under § 6.17 in application of Resolution [A7(E)-AP30B] (WRC-19), the Bureau shall apply:
- a) Annex 3 (Rev.WRC-19) in its examination under § 6.19 c);
 - b) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution [A7(E)-AP30B] (WRC-19) in its examination under § 6.21, as appropriate;
 - c) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution [A7(E)-AP30B] (WRC-19) in its further examination under footnote YY to § 6.21 c), as appropriate;
 - d) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution [A7(E)-AP30B] (WRC-19) in its examination under § 6.22, as appropriate.

Application of § 6.16:

- In excluding the territories of the concerned administration, the Bureau shall apply Annex 4 (Rev.WRC-07) until the last complete submissions under § 6.1 or § 6.17 received by the Bureau before 23 November 2019 has been examined and Annex 4 (Rev.WRC-19) afterward.
- If § 6.16 request is submitted in order to be taken into account for the examination of a complete submissions under § 6.17, in examining those submissions, the Bureau shall apply appropriate Annex 4 used in the examination under § 6.21 and § 6.22 as indicated above.

Application of § 6.27 in updating criteria:

The Bureau shall apply Annex 4 (Rev.WRC-07) until the last complete submissions under § 6.1 or § 6.17 received by the Bureau before 23 November 2019 has been examined and Annex 4 (Rev.WRC-19) afterward.

Application of § 7.5:

- For a request under Article 7 received before 23 November 2019, the Bureau shall apply Annex 3 (WRC-07) and Annex 4 (Rev.WRC-07).
- For a request under Article 7 received after 22 November 2019, the Bureau shall apply Annex 3 (Rev.WRC-19) and Annex 4 (Rev.WRC-19).

In its examination under 6.21 c), the Bureau shall take into account also complete submissions under § 6.1 in application of Resolution [A7(E)-AP30B] (WRC-19) and Article 7 request

[transferred to Article 6 under § 7.7 that has been examined before the date of receipt of the examined notice submitted under § 6.1.”](#)

Annex 4

Criteria for determining whether an allotment or an assignment is considered to be affected

MOD

2.1

1 In order to adequately protect the existing networks in their entire downlink service area, an examination based on a single-entry criterion over the downlink service area was introduced under § 2.1 of Annex 4 of Appendix **30B**.

2 As indicated in footnote 19 to § 2.1 of Annex 4 of Appendix **30B (Rev. WRC-19)**, the reference values within the downlink service area are interpolated from the reference values on the corresponding test points. The following interpolation formula and condition shall be used to calculate the interpolated values at grid points⁴ within the downlink service area:

$$V_{Eg} = \frac{\sum_{h=1}^{Nt} R_{Th} \times (d_{Th})^{-2}}{\sum_{h=1}^{Nt} (d_{Th})^{-2}} \quad (1)$$

where:

- Th*: test point number h of the wanted downlink service area;
- Eg*: point number g of the grid of examination points on the wanted downlink service area;
- Nt*: total number of test points;
- d_{Th}*: distance between the test point *Th* and the grid point *Eg*;
- R_{Th}*: single entry *C/I* reference value (dB) at the test point *Th* (i.e. 26.65 dB, or $(C/N)d + 11.65$ dB, whichever is the lowest);
- V_{Eg}*: interpolated single-entry *C/I* reference value (dB) at the grid point *Eg*.

⁴ The service area is regularly covered by a grid of points located on land and inside the service area.

[Note: WRC-19 took the following decision related to grid points and test points at sea, see items 3.11 to 3.15 of the Minutes of the 8th Plenary meeting, Doc. CMR19/569:](#)

[“In considering section 3.2.5.6 on ‘Grid points at sea in the examination using the methods of Annex 4 of RR Appendix 30B’, WRC-19 decided that only grid points that are located on land and inside the service area should be considered in addition to test-points in application of paragraph 2.2 of Annex 4 to Appendix 30B. In taking this decision WRC-19 acknowledged that, should the use of Appendix 30B expand beyond its current use, it may be necessary to reconsider this decision in the future. WRC-19 also decided that test-points at sea shall not be taken into account by the Radiocommunication Bureau in its technical and regulatory examination of the relevant submissions received by the Bureau.”](#)

If the value $(R_{Th} - ((C/N)_{d,Th} - (C/N)_{d,Eg}))$ is lower than R_{Th} , then $(R_{Th} - ((C/N)_{d,Th} - (C/N)_{d,Eg}))$ shall be used in (1) instead of R_{Th} ,

where :

$(C/N)_{d,Th}$: the downlink C/N value at test point Th ;

$(C/N)_{d,Eg}$: the downlink C/N value at grid point Eg .

3 If the interpolated value V_{Eg} is higher than $(C/N)_{d,Eg} + 11.65$ dB , $(C/N)_{d,Eg} + 11.65$ dB shall be used as the reference value for grid point Eg . Otherwise, the interpolated value is the reference value.

4 Footnote 10 to § 2.1 of Appendix 1 to Attachment 1 to Resolution **170 (WRC-19)** refers to the same interpolation method as above. Therefore, when applying § 2.1 of Appendix 1 to Attachment 1 to Resolution **170 (WRC-19)**, the method contained in §§ 2 and 3 above shall be used to calculate the interpolated values at grid points within the downlink service area with the following modifications:

R_{Th} shall be defined as the single entry C/I reference value (dB) at the test point Th (i.e. 23.65 dB, or $(C/N)d + 8.65$ dB, or any already accepted value, whichever is the lowest);

a value of $(C/N)_{d,Eg} + 8.65$ dB shall be used instead of $(C/N)_{d,Eg} + 11.65$ dB.

ADD

Rules concerning

RESOLUTION 170 (WRC-19)

Note 1: WRC-19 took the following decision related to Resolution **170**, see items 12.2 to 12.4 of the Minutes of the 10th Plenary meeting, Doc. CMR19/571 (Resolution [A7(E)-AP30B] (WRC-19) was renumbered after WRC-19 as Resolution **170 (WRC-19)**):

**“Instructions to the Radiocommunication Bureau in application of
Resolution [A7(E)-AP30B] (WRC-19)**

1 Application of the § 2 of the attachment of Resolution [A7(E)-AP30B] (WRC-19) for modification under § 6.1 of RR Appendix 30B of a submission previously sent to the Bureau under § 6.1 of RR Appendix 30B

When, under the application of § 2 of the attachment of Resolution [A7(E)-AP30B] (WRC-19), an administration intends to modify a submission previously sent to the Bureau under § 6.1 of RR Appendix **30B**, to resubmit such submission under § 6.1 of RR Appendix **30B** applying the special procedure described in the Attachment of Resolution [A7(E)-AP30B] (WRC-19), the Bureau shall verify if the minimum ellipse submitted under this procedure is within the envelope of the initial submission under § 6.1 of RR Appendix **30B**. If this is the case, the Bureau shall keep the initial date of receipt of the initial submission under § 6.1 of RR Appendix **30B**, shall restart compatibility examination with existing filing and shall publish a new special section. Otherwise, the Bureau shall give a new date of reception which is the date of reception of request application of this procedure.

2 Application of the § 2 of the attachment of Resolution [A7(E)-AP30B] (WRC-19) for direct submission under § 6.17 of RR Appendix 30B of a submission previously sent to the Bureau under § 6.1 of RR Appendix 30B

a) Submission of an ellipse under § 6.17 of RR Appendix 30B

When, under the application of § 2 of the attachment of Resolution [A7(E)-AP30B] (WRC-19), an administration intends to directly submit under § 6.17 of RR Appendix **30B** and apply the special procedure described in the Attachment of Resolution [A7(E)-AP30B] (WRC-19) to a submission previously sent to the Bureau under § 6.1 of RR Appendix **30B**, the Bureau shall verify if the minimum ellipse submitted under this procedure is within the envelope of the initial submission under § 6.1 of RR Appendix **30B**. If this is the case, the Bureau shall keep the initial date of receipt of the initial submission under § 6.1 of RR Appendix **30B** and shall perform analysis under § 6.17 of Appendix **30B** based on this minimum ellipse. Otherwise, the Bureau shall return the notice to the administration.

b) Submission of a shaped beam under § 6.17 of Appendix 30B

When, under the application of § 2 of the attachment of Resolution [A7(E)-AP30B] (WRC-19), an administration intends to directly submit under § 6.17 of RR Appendix **30B** and apply the special procedure described in the Attachment of Resolution [A7(E)-AP30B] (WRC-19) to a submission previously sent to the Bureau under § 6.1 of RR Appendix **30B**, the Bureau shall verify if the shaped beam submitted under this procedure is within the envelope of the minimum ellipse generated by the Bureau, considering associated test points, and within the envelope of the initial submission under § 6.1 of RR Appendix **30B**. If this is the case, the

Bureau shall keep the initial date of receipt of the initial submission under § 6.1 of RR Appendix **30B** and shall perform analysis under § 6.17 of RR Appendix **30B** based on this minimum ellipse. Otherwise, the Bureau shall return the notice to the administration.

3 Beam to be created in cases of submissions of an additional system by an administration acting on behalf of a group of named administrations

For a submission of an additional system by an administration acting on behalf of a group of named administrations, the beam of the submission is formed by combining all individual minimum ellipses associated with each of the administrations of the group:

- If all individual minimum ellipses overlap with each other, the beam contains only one coverage area formed by the contours stemming from the combination of all individual minimum ellipses.
- If not all individual minimum ellipses overlap with each other, the beam consists of multiple spots stemming from the non-overlapping ellipses and each spot is formed by the contours stemming from the combination of individual minimum ellipses that overlap with each other.

4 Application of the § 12 of the attachment of Resolution [A7(E)-AP30B] (WRC-19) when there is a lack of collaboration of the notifying administration of the existing network

When, under the application of § 12 of the attachment of Resolution [A7(E)-AP30B] (WRC-19), the Bureau does not receive confirmation from the notifying administration of the incoming network that the collaboration between the two administrations has successfully started, the notifying administration may seek assistance of the Bureau. The Bureau shall immediately send a telefax to the notifying administration of the existing network requesting it to provide within 30 days the conditions for the operation to verify harmful interference and proposed date of the implementation of those conditions within the next 4 months for the application of § 12 of Resolution [A7(E)-AP30B]. In the absence of such information received by the Bureau, the Bureau shall immediately send a reminder providing an additional 15-day period for the response. In the absence of such acknowledgment within 15 days, it shall be deemed that the notifying administration of the existing network which has failed to start collaboration has undertaken that no complaint will be made in respect of any harmful interference affecting its own assignments which may be caused by the assignment of the notifying administration of the incoming network for which coordination was requested.”

Note 2: WRC-19 took the following decision related to Resolution **170**, see items 13.7 to 13.9 of the Minutes of the 10th Plenary meeting, Doc. CMR19/571 (Resolution [A7(E)-AP30B] (WRC-19) was renumbered after WRC-19 as Resolution **170 (WRC-19)**):

“Instructions to the Radiocommunication Bureau in application of Annex 3 and Annex 4 of RR Appendix 30B as well as of criteria referred to in Resolution [A7(E)-AP30B] (WRC-19) in its processing, after 22 November 2019, of submissions received under that Appendix

The Radiocommunication Bureau shall continue to calculate and update already accepted single-entry values in both uplink and downlink for all RR Appendix **30B** satellite networks in consistency with footnotes X2 and X3 to item 2.1 of the Annex 4 of RR Appendix **30B (Rev.WRC-19)**, so that this information could be used by administrations during coordination of their respective networks. The Radiocommunication Bureau shall apply:

- 1 For complete submissions under § 6.1 received by the Bureau before 23 November 2019:
 - a) Annex 3 (WRC-07) in its examination under § 6.3 b);

b) Annex 4 (Rev.WRC-07) in its examination under § 6.5.

Note: Including protection of submissions under Issue E examined before Part A.

2 For complete submissions under § 6.17 received by the Bureau before 23 November 2019:

a) Annex 3 (WRC-07) in its examination under § 6.19 c);

b) Annex 4 (Rev.WRC-07) in its examination under § 6.21;

c) Annex 4 (Rev.WRC-07) in its further examination under the new footnote to § 6.21 c);

d) Annex 4 (Rev.WRC-07) in its examination under § 6.22.

Note: Including protection of submissions under Issue E examined before Part B.

3 For complete submissions under § 6.17 received by the Bureau after 22 November 2019, related to complete submissions under § 6.1 received by the Bureau before 23 November 2019:

a) Annex 3 (WRC-07) in its examination under § 6.19 c);

b) Annex 4 (Rev.WRC-07) in its examination under § 6.21;

c) Annex 4 (Rev.WRC-07) in its further examination under footnote YY to § 6.21 c) if the remaining affected assignments are recorded in the List before 23 November 2019;

d) Annex 4 (Rev.WRC-19) in its further examination under footnote YY to § 6.21 c) if the remaining affected assignments are recorded in the List after 22 November 2019;

e) Annex 4 (Rev.WRC-19) in its examination under § 6.22.

Note: Including protection of submissions under Issue E examined before Parts A and/or B.

4 For complete submissions under § 6.1 received by the Bureau after 22 November 2019:

a) Annex 3 (Rev.WRC-19) in its examination under § 6.3 b);

b) Annex 4 (Rev.WRC-19) in its examination under § 6.5.

5 For complete submissions under § 6.17 received by the Bureau after 22 November 2019, related to complete submissions under § 6.1 received by the Bureau after 22 November 2019:

a) Annex 3 (Rev.WRC-19) in its examination under § 6.19 c);

b) Annex 4 (Rev.WRC-19) in its examination under § 6.21;

c) Annex 4 (Rev.WRC-19) in its examination under § 6.22.

6 For complete submissions under § 6.1 in application of Resolution **[A7(E)-AP30B] (WRC-19)**:

a) Annex 3 (Rev.WRC-19) in its examination under § 6.3 b);

b) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution **[A7(E)-AP30B] (WRC-19)** in its examination under § 6.5, as appropriate.

Note: Including examination of submissions under Issue E before the examination of the last normal Part A and/or Part B received before 23 November 2019.

7 For complete submissions under § 6.17 in application of Resolution **[A7(E)-AP30B] (WRC-19)**, the Bureau shall apply:

a) Annex 3 (Rev.WRC-19) in its examination under § 6.19 c);

b) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution **[A7(E)-AP30B] (WRC-19)** in its examination under § 6.21, as appropriate;

c) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution **[A7(E)-AP30B] (WRC-19)** in its further examination under footnote YY to § 6.21 c), as appropriate;

d) Annex 4 (Rev.WRC-19) and the new criteria referred to in Resolution **[A7(E)-AP30B] (WRC-19)** in its examination under § 6.22, as appropriate.

Application of § 6.16:

- In excluding the territories of the concerned administration, the Bureau shall apply Annex 4 (Rev.WRC-07) until the last complete submissions under § 6.1 or § 6.17 received by the Bureau before 23 November 2019 has been examined and Annex 4 (Rev.WRC-19) afterward.
- If § 6.16 request is submitted in order to be taken into account for the examination of a complete submissions under § 6.17, in examining those submissions, the Bureau shall apply appropriate Annex 4 used in the examination under § 6.21 and § 6.22 as indicated above.

Application of § 6.27 in updating criteria:

The Bureau shall apply Annex 4 (Rev.WRC-07) until the last complete submissions under § 6.1 or § 6.17 received by the Bureau before 23 November 2019 has been examined and Annex 4 (Rev.WRC-19) afterward.

Application of § 7.5:

- For a request under Article **7** received before 23 November 2019, the Bureau shall apply Annex 3 (WRC-07) and Annex 4 (Rev.WRC-07).
- For a request under Article **7** received after 22 November 2019, the Bureau shall apply Annex 3 (Rev.WRC-19) and Annex 4 (Rev.WRC-19).

In its examination under 6.21 c), the Bureau shall take into account also complete submissions under § 6.1 in application of Resolution **[A7(E)-AP30B] (WRC-19)** and Article 7 request transferred to Article 6 under § 7.7 that has been examined before the date of receipt of the examined notice submitted under § 6.1.”

ADD

Rules concerning

RESOLUTION 750 (Rev.WRC-19)

Note: WRC-19 took the following decision related to Resolution **750**, see items 3.19 to 3.21 of the Minutes of the 8th Plenary meeting, Doc. CMR19/569:

“In interpreting Resolution **750 (Rev.WRC-15)**, *resolves* 1 and Table 1-1 of this resolution referred to mandatory limits while *resolves* 2 and Table 1-2 of this resolution referred to non-mandatory limits.”
