

## UPDATES to the

### Rules of Procedure

(Edition of 2021)

**Approved by the Radio Regulations Board\***

Revision (Circular No.)	Date	Part	AR/AP	RR No. or other reference	Pages to be removed	Pages to be inserted
1 See CR/479	15 October 2021	A1	AR05	5.418C	13	13 (rev.1)
		A1	AR05	5.485	20	20 (rev.1)
		A1	Receivability		6-7	6(rev.1)-7(rev.1)
		A1	AR09	9.11A	11	11(rev.1)
		A1	AR11	11.31	8	8(rev.1)
		A1	AP04		1-2	1(rev.1)-2(rev.1)
		A1	RES32 <sup>1</sup>		–	1(rev.1)
		A1	RES49		1	–
		A11			–	1(rev.1)-2(rev.1)
		C1			2	2(rev.1)
		Table of content			1-2	1(rev.1)-2(rev.1)
2 See CR/484	7 April 2022	A1	Extension of the reg. time- limit		–	1(rev.2)-2(rev.2)
		A1	Simultaneous BIU		–	1(rev.2)
		A1	AR11	11.43A	24	24(rev.2)
		A1	AR11	11.43B	25	25(rev.2)
		A11			1-2	–
		Table of content				1-2

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3 See CR/498	4 July 2023	A1	AR11	11.48	27-30	28(rev.3)- 29(rev.3)
			AP30	5.3.1	–	14 <i>bis</i> (rev.3)
			AP30A	5.3.1	11-12	11(rev.3)-12
			AP30B	8.16	7-8	7(rev.3)- 7 <i>bis</i> (rev.3), 8

\* The new Rules or modifications to the existing Rules of Procedure take effect immediately or as otherwise indicated.

<sup>1</sup> Effective date of application of the Rule: 23 November 2019.

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3 No. **11.44**<sup>11</sup> 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**, as well as Nos. **11.44B.2** and **11.44C.3**, established the conditions upon which a frequency assignment to a space station 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**, 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**<sup>12</sup> and/or delete the relevant special sections under No. **11.48**<sup>13</sup>, 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 the provisions of Nos. **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**.

#### **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 the provision of No. **11.46.1** shall apply only to frequency assignments to space stations.

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<sup>11</sup> 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**.

<sup>12</sup> Similarly applicable to § 5.3.1 of Article 5 of Appendices **30** and **30A** and §8.16 of Article 8 of Appendix **30B**.

<sup>13</sup> 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**.

## 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 decision related to the implementation of No. **11.47** with respect to provisional recordings, during the 8<sup>th</sup> Plenary, see items 3.11 to 3.15 of Doc. CMR19/569, approval of Doc. CMR19/451 in relation to section 3.1.4.3 of Doc. CMR19/4 (Add.2), as follows:

*“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.”*

## 11.48 and 11.48.1

(MOD RRB23/498)

### **Actions from the Bureau following a Board decision to grant an extension for bringing into use frequency assignments to a satellite network**

When the Board decides to grant an extension of the regulatory time-limit for bringing into use frequency assignments to a satellite network in cases of *force majeure* or co-passenger delay, this raises the question of whether the deadline for the submission of Resolution **49 (Rev.WRC-19)**, Resolution **552 (Rev.WRC-19)** and notification information should also be extended. Indeed, Nos. **11.48** and **11.48.1** do not only relate to the bringing into use, but also require that the Radiocommunication Bureau receives the first notice for recording of the frequency assignments under No. **11.15** before the end of the 7-year regulatory period and the due diligence information under Resolution **49 (Rev.WRC-19)** and/or Resolution **552 (Rev.WRC-19)** at the latest 30 days after the end of the 7-year regulatory period.

Unless explicitly decided otherwise by the Board, an extension of the date of bringing into use of frequency assignments to a satellite network does not imply an extension of the regulatory deadline for submitting the notification, Resolution **49 (Rev.WRC-19)** and/or Resolution **552 (Rev.WRC-19)** information under Nos. **11.48** and **11.48.1**, because such information about the planned frequency usage and coordination status would be useful to other administrations in the planning of their satellite projects and their coordination activities. Consequently, in cases where this information has not been provided before the decision of the Board to grant an extension of the deadline for bringing into use, the Bureau will inform the notifying administration after the Board decision that it still has to provide, in accordance with Nos. **11.48** and **11.48.1**, the notification within the 7-year period as well as Resolution **49 (Rev.WRC-19)** and/or Resolution **552 (Rev.WRC-19)** information pertaining to the satellite that faced a case of *force majeure* or a co-passenger delay at the latest 30 days after the end of the 7-year period.

When Resolution **49 (Rev. WRC-19)** and/or Resolution **552 (Rev.WRC-19)** information has been submitted to the Bureau before the decision of the Board to grant an extension of the deadline for bringing into use, the notifying administration shall provide to the Bureau updated Resolution **49 (Rev. WRC-19)** and/or Resolution **552 (Rev.WRC-19)** information. If, 30 days after the end of the period of extension, the notifying administration has not provided to the Bureau such updated Resolution **49 (Rev. WRC-19)** and/or Resolution **552 (Rev.WRC-19)** information, the related frequency assignments shall lapse, and the corresponding information published under Nos. **9.1A, 9.2B** and **9.38**, as appropriate, shall be cancelled. If, one month before the above-mentioned deadline, the notifying administration has not provided to the Bureau updated Resolution **49 (Rev. WRC-19)** and/or Resolution **552 (Rev.WRC-19)** information, the Bureau shall promptly send a reminder to the notifying administration.

<b>11.49 and 11.49.1<sup>14</sup></b>
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## **1 Suspended assignments**

1.1 Under the provisions of No. **11.49**, the Board understands that an administration may inform the Bureau of the suspension of the use of a frequency assignment to a space station for a period not exceeding three years and that during this period the frequency assignment shall still continue to enjoy the protection acquired by virtue of the coordination agreements already obtained.

1.2 The Board decided that the procedure described below shall apply. The procedure will only be valid for suspended assignments which are not modified before being brought back into use.

## **2 Recording of a suspension of use**

2.1 When the Bureau is informed, either under No. **11.49** or in response to an inquiry under No. **13.6**, that the use of a frequency assignment to a space station recorded in the Master Register is suspended, this information is published in the relevant Part of the BR IFIC and posted on the BR web page maintained for that purpose (in order to inform all administrations) and the entry in the Master Register will be amended to include the expected date of resumption of use indicated by the notifying administration.

2.2 Frequency assignments to space stations whose suspension is notified for a period of not more than three years will continue to be taken into account for the purposes of the examination of other assignments in accordance with Nos. **9.36, 11.31.1, 11.32, 11.32A** and **11.33** until the time that the consultation concerning their resumption of use is completed (see § 2.4 below).

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<sup>14</sup> Similarly applicable to §§5.2.10 and 5.2.11 of Article 5 of Appendices **30** and **30A** and §8.17 of Article 8 of Appendix **30B**.

2.3 Frequency assignments to space stations whose suspension is notified for a period of more than three years will not be taken into account for the purpose of examinations of other assignments under Nos. **9.36**, **11.31.1**, **11.32** and **11.32A**, and **11.33** as of the date of such notification or after confirmation from the administration of the period of suspension exceeding three years and shall be cancelled.

2.4 *Consultation concerning resumption of use of an assignment*

At the expiry of the period of suspension of the use of a frequency assignment, the notifying administration is consulted as to the date of resumption of use. According to the results of the consultation, the Bureau will apply the following procedures:

2.4.1 When the administration informs that the use has been resumed this information is published in PART II-S of the BR IFIC and/or posted on the webpage as appropriate, provided that the effective date of resumption indicated by the administration is prior to the date limit for the resumption of use established in accordance with No. **11.49**. Where the resumption of frequency assignments pertains to a GSO satellite network, the Bureau will publish the resumption in PART II-S of the BR IFIC only when the notifying administration confirms the deployment and maintenance of the GSO satellite network in accordance with the provision No.**11.49.1**. See also Resolution **40 (Rev.WRC-19)**.

2.4.2 When the administration notifies that the use will be resumed at a date subsequent to the date limit for the resumption of use established in accordance with No. **11.49**, these assignments shall be cancelled according to the provision No. **11.49**. For those assignments for which the use would be resumed later than the date limit established in accordance with No. **11.49**, the administration responsible for the assignment shall apply again the relevant procedure of Article **9**, Appendix **30**, **30A** and **30B**, as appropriate.

**Note:** WRC-15 took the decision related to the RoP on Nos. **11.49** and **11.49.1** during the 12<sup>th</sup> Plenary, Par. 3.1 to 3.8 of Doc. CMR15/509, Approval of Document CMR15/453, as follows:

*“WRC-15 decided to invite the Radio Regulations Board, in its application of No. **11.49** as revised by WRC -15, to consider any legitimate mitigating circumstances that could result in a notifying administration's inability to meet the six-month deadline. If the Bureau has reliable information that the use of a frequency assignment has been suspended, but it still is within the six-month period, the Bureau is encouraged, as a courtesy, to remind the notifying administration of its obligation to inform the Bureau of the suspension under No. **11.49**.”*

**5.3.1**

(ADD RRB23/498)

§§ 4.1.3*bis* and 4.2.6*bis* of Appendices **30** and **30A** specify the course of action that shall be taken regarding the submission or updating of the Resolution **49** information when the regulatory time-limit for bringing into use frequency assignments is extended due to launch failure.

However, when the Board decides to grant an extension of the regulatory time-limit for bringing into use frequency assignments in cases of *force majeure* or co-passenger delay, this also raises the question of whether the deadline for the submission of Resolution **49** (**Rev.WRC-19**) and notification information should be extended.

Noting that a similar question related to non-planned services is addressed in the rule of procedure concerning Nos. **11.48** and **11.48.1**, the Board decided that the rule of procedure concerning Nos. **11.48** and **11.48.1** of the Radio Regulations shall also apply to the extension of bringing into use of frequency assignments subject to Appendices **30** and **30A** with the understanding that the regulatory period for bringing into use frequency assignments to a satellite network subject to these Appendices is eight years.





1.2 With respect to the compatibility with other inter-regional assignments in the same service or assignments in another service sharing the same frequency bands, as appropriate, the increase of the interference will be checked by calculating the  $\Delta T/T$  values, in accordance with the method given in Appendix 8, produced by the proposed new characteristics, and by comparing the resulting  $\Delta T/T$  values, with those obtained with the previous<sup>4</sup> characteristics of the subject assignment.

1.3 Should the results of the calculations described in § 1.1 and 1.2 above indicate that the proposed new characteristics increase the interference to other assignments, the Bureau would reach an unfavourable finding with respect to § 5.2.1 *d*) of Article 5 of Appendix 30A and proceed accordingly.

2 With respect to the fourth indent of § 5.2.1 *d*), in the case of administrations of Region 2, the orbital position shall be examined to ensure compliance with the cluster concept (§ B of Annex 7 to Appendix 30 and § 4.13.1 of Annex 3 to Appendix 30A) as follows:

- if the orbital position is identical with that shown in the Plan, no further agreements are necessary;
- however, if the orbital position is different from that contained in the Plan but it is in the same cluster, then the agreement of administrations having assignments in the same cluster is necessary. The clusters are listed in Attachment 1 to the Rules of Procedure concerning Appendix 30. Appendices 30 and 30A do not contain any paragraph indicating the procedure to be followed for the above-mentioned agreement. The task of the Bureau in this respect is to ensure that the agreement of the administrations concerned is indicated in the notice; otherwise it considers the assignment to be not in conformity with Plan.

#### **5.2.2.1**

This paragraph implicitly relates to the cases where the Bureau reaches a favourable finding with respect to § 5.2.1 *a*), § 5.2.1 *c*) and § 5.2.1 *f*) and an unfavourable finding with respect to § 5.2.1 *b*) but a favourable finding with respect to § 5.2.1 *d*).

However, considering the Rules of Procedure relating to the scope of application of Article 5 of Appendix 30A, the Board concluded that § 5.2.2.1 relates to the cases where the Bureau reaches a favourable finding with respect to § 5.2.1 *a*) and § 5.2.1 *c*) and an unfavourable finding with respect to § 5.2.1 *b*) but a favourable finding with respect to § 5.2.1 *d*).

In this event the frequency assignment shall be recorded in the Master Register.

#### **5.3.1**

(ADD RRB23/498)

See the Rules of Procedure concerning § 5.3.1 of Article 5 of Appendix 30.

## Art. 6

### Coordination, notification and recording of receiving terrestrial assignments when FSS feeder-links are involved

#### 6.1

1 The paragraphs of Article 6 do not mention interim systems implemented in accordance with Resolution **42 (Rev.WRC-19)**. Such systems may be implemented in the frequency band 17.7-17.8 GHz for Region 2 shared with equal rights with terrestrial services:

Such usage may affect terrestrial stations.

2 This paragraph refers to “*a feeder-link earth station located on the territory of another administration and included in the service area of an assignment to a broadcasting-satellite service feeder-link space station which is in conformity with the appropriate regional feeder-link Plan*”. This earth station is to be considered a typical earth station located at the worst location.

3 In order to evaluate the interference, an Administration A, intending to use terrestrial stations, needs to know the fixed-earth station existing or planned. In order to take them into account administrations may calculate the coordination area as indicated in § 1.4.6 of Appendix 7 around the service area mentioned in § 6.1.

#### 6.2

1 This paragraph refers to the need for an Administration B to communicate the actual location of its feeder-link earth stations without specifying which of these earth stations should be taken into account. As no indication is given, the Board understands that the administration may communicate the locations of earth stations without any limitations.

2 The actual locations of earth stations so communicated to Administration A and to the Bureau will be examined for their conformity with the characteristics listed under comments relating to § 5.2.1 *b)* of this Appendix or those for which the procedure of Article 4 was successfully applied. This examination will lead to the following:

- earth stations which conform to the above characteristics will be entered in the Plan without applying the Article 4 procedure, and Administration A will be informed accordingly;

- using the criteria<sup>3</sup> of Annex 3 and Annex 4 of Appendix **30B**, determine whether the new allotment at that orbital position is compatible with the allotments and the assignments as mentioned in § 7.5 of Article 7.

9 The Bureau shall identify the most appropriate orbital position(s) with the aim to minimize the *C/I* excesses caused or received from other allotment(s), or assignment(s) of Appendix **30B** and send this information to the requesting administration in accordance with § 7.3 of Article 7.

**7.5 a)**

See Rules of Procedure relating to § 6.3 a).

**Art. 8**

**Procedure for notification and recording in the Master Register  
of assignments in the planned bands for the  
fixed-satellite service**

**8.8**

See Rules of Procedure relating to § 6.3 a).

**8.16**

(ADD RRB23/498)

§ 6.31*bis* of Appendix **30B** specifies the course of action that shall be taken regarding the submission or updating of the Resolution **49** information when the regulatory time-limit for bringing into use frequency assignments is extended due to launch failure.

However, when the Board decides to grant an extension of the regulatory time-limit for bringing into use frequency assignments in cases of *force majeure* or co-passenger delay, this also raises the question of whether the deadline for the submission of Resolution **49 (Rev.WRC-19)** and notification information should be extended.

Noting that a similar question related to non-planned services is addressed in the rule of procedure concerning Nos. **11.48** and **11.48.1**, the Board decided that the rule of procedure concerning Nos. **11.48** and **11.48.1** of the Radio Regulations shall also apply to the extension of bringing into use of frequency assignments subject to Appendix **30B** with the understanding that the regulatory period for bringing into use frequency assignments to a satellite network subject to this Appendix is eight years.

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<sup>3</sup> For a request from a new Member State received before 17 November 2007, a single entry of 25 dB and an aggregate *C/I* of 21 dB shall be applied.

<b>An. 3 and An. 4</b>
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1 WRC-07 revised Appendix **30B** and introduced power flux-density limits in Annex 3 of Appendix **30B** in order to protect FSS allotments and assignments from interference which may be caused by FSS assignments located outside the orbital arcs defined in Annex 4. Although the reference bandwidth of these limits in Annex 3 is 1 MHz, the maximum power densities which are used for the calculation of power flux-densities are submitted in dB(W/Hz) averaged over the necessary bandwidth (C.8.h) and 4 kHz (C.8.b.2) in accordance with Appendix **4**. The discrepancy between the reference bandwidth for the limits and the averaging bandwidth for submission might lead to the overestimation of interference when a few narrow-band carriers are used, e.g. carriers for tracking, telemetry and telecommand. On the other hand, a narrow-band carrier might cause significant interference to other narrow-band carriers if these carriers are accidentally overlapping with each other.



2 In order to avoid the overestimation of interference from narrow-band carriers into wideband carriers caused by integrating the power of narrow-band carriers from 1 Hz to 1 MHz and to provide a mechanism to resolve unexpected interference between narrow-band carriers, the Board decided on the following course of action.

2.1 In the case when:

a) the maximum power density, in dB(W/Hz), averaged over the worst 1 MHz band, supplied to the input of the antenna taking into account the number of carriers and power level of each carrier to be operated within the averaging bandwidth of 1 MHz;

is lower than;

b) the maximum power density, in dB(W/Hz), averaged over the necessary bandwidth (C.8.h);

2.2 the power density value as described in 2.1 a) above shall be provided by a notifying administration together with the relevant Appendix 4 information;

2.3 the Bureau shall use the submitted power density value as described in 2.1 a) above for its examination under Annexes 3 and 4 and publish it in the relevant Special Section;

2.4 those operating assignments whose power density value as described in 2.1 b) is higher than that in 2.1 a) shall not cause harmful interference to, or claim protection from, prior assignments recorded in the MIFR.

**Note:** WRC-19 took the decision related to Annexes 3 and 4 of Appendix 30B, during the 10<sup>th</sup> Plenary, see items 13.7 to 13.9 of Doc. CMR19/571, approval of Doc. CMR19/510 (see also the Rules of Procedure on Resolution 170 (WRC-19)), as follows:

***“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:*