

## UPDATES to the

### Rules of Procedure

(Edition of 2017)

#### 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/424	November 2017	A1	AR11	11.14	4	4 (rev.1)
2 See CR/433	July 2018	A1	AR04	4.4	1-3	1(rev.2) - 3(rev.2)
		A1	Receivability <sup>1</sup>		1-2	1(rev.2) - 2bis(rev.2)
		A1	AR09 <sup>2</sup>	9.11A-9.15	10	10(rev.2)
			AR09	9.27	21-24	21(rev.2) - 24(rev.2)
		A1	AR11	11.48	28	28(rev.2) - 28bis(rev.2)
		A1	AP30	5.2.2.2	15	15(rev.2)
			AP30A	5.2.2.2	12-13	12(rev.2) - 13(rev.2)
		A10 B3	GE06	5.2.2	13-14	13(rev.2) - 15(rev.2)
		Table of content			3 6-10	3(rev.2) 6(rev.2) - 10bis(rev.2)
					1-2	1(rev.2) - 2(rev.2)
3 See CR/442	March 2019	A3	GE75		4	4(rev.3)
4 See CR/446	July 2019	A1	AR11 <sup>3</sup>	11.31	8 10	8(rev.4) 10(rev.4)
		A2	ST61 <sup>4</sup>	Art. 4	2	2(rev.4)
		A5	GE84 <sup>4</sup>	Art.4	1	1(rev.4)
5 See CR/451	October 2019	A1	AR05	5.458	19	19(rev.5)

\* 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: 1 August 2018.

<sup>2</sup> Effective date of application of the Rule: 1 January 2017.

<sup>3</sup> Effective date of application of the Rule: 1 January 2017.

<sup>4</sup> Effective date of application of the Rule: 31 March 2020. This Rule will also apply retroactively to all plan modifications published in Part A.



**5.458**

(ADD RRB19/82)

There is no allocation to the Earth exploration-satellite (passive) and space research (passive) services in the frequency bands 6 425-7 075 MHz and 7 075-7 250 MHz. Notification of frequency assignments to Earth exploration-satellite (passive) and space research (passive) services in the band 6 425-7 075 MHz and 7 075-7 250 MHz will be considered by the Bureau not to be in conformity with the Table of Frequency Allocations.

**5.484**

See comments under the Rules of Procedure concerning No. **5.441**.

**5.485**

1 The wording of this provision raised the following basic question: “Is the band 11.7-12.2 GHz in Region 2 allocated to the broadcasting-satellite service?” The Board considered the following:

- a) that the provision is not titled an “additional allocation”. Some provisions do not have such a title and the Board considered them additional allocations. However, in this case, it is not clear that the intent was to permit an additional allocation;
- b) the provision states that “transponders on space stations in the fixed-satellite service may be used additionally ... in the broadcasting-satellite service”: the use of the word “additionally”, together with the last sentence saying that “this band shall be used principally for the fixed-satellite service”, leads to the understanding that the use by the broadcasting-satellite service is not of the same nature as would be the use of a given band by a service to which the band is allocated;
- c) the provision refers to transponders, which are to be considered transmitting stations. As the procedures of Articles **9** and **11** and Resolution **33 (Rev.WRC-15)** apply to each assignment, each transponder shall be considered independently from the others. Consequently the provision may be interpreted in either of the following two ways:
  - a first interpretation consists in considering that some transponders will be used for the FSS and others for the BSS, and this is equivalent to a sharing of the band between two services which raises a question about the word “principally”: how many transponders would be allowed for each of the two services?
  - a second interpretation consists in considering that a given transponder of the FSS may be used in a given period of time for broadcasting (this is not to be confused with the use of the FSS for the transport of a video signal between two fixed points). If in such a case the provision was to be considered an additional allocation, a question arises in relation to the procedure to be applied: Should it be that of Articles **9** and **11** or that of Resolution **33 (Rev.WRC-15)**?

2 Keeping in mind the above comments, the Board concluded that the band 11.7-12.2 GHz is not allocated in Region 2 to the broadcasting-satellite service. Those transponders of the fixed-satellite service which are used for broadcasting-satellite purposes will be treated in accordance with Articles 9 and 11 (and Appendix 30 if required to define inter-regional sharing). When such a use is indicated in the notice, the Bureau will assume that the coordination of the network was made on the basis that for the period during which a transponder is used for broadcasting, the e.i.r.p. will not exceed the e.i.r.p. notified for the fixed-satellite service. Considering that the fixed-satellite service uses relatively low e.i.r.p., the Bureau will consider the value of 53 dBW to be a limit not to be exceeded.

5.488

#### **Application of power flux-density (pfd) No. 9.14 coordination thresholds (Region 2 GSO FSS in the band 11.7-12.2 GHz) to steerable beams**

1 Use of steerable beams is becoming widespread. pfd values produced by assignments in steerable beams often exceed the applicable pfd coordination thresholds for some or all positions of those beams. In these cases, administrations tend to state that pfd coordination thresholds will not be exceeded and sometimes provide appropriate technical description as to how it would be done.

2 For the purpose of transparency and to set an upper limit on the acceptable extent of the pfd control and avoid subjectivity in the evaluation of the pfd control method, the Board concluded that until the time that a relevant ITU-R Recommendation is available, the following Rule will apply on a provisional basis.

3 In cases where frequency assignments in steerable beams of a GSO FSS satellite network operating in the band 11.7-12.2 GHz exceed, for certain positions of these beams, the pfd thresholds that trigger coordination under No. 9.14 in respect to stations of terrestrial services, the Bureau will establish that coordination is not required only if:

- a) there is at least one position of the steerable beam where the applicable pfd coordination thresholds are not exceeded without any reduction of the notified power density; and
- b) the administration states that for the other positions of the steerable beam the applicable pfd coordination thresholds will not be exceeded by applying a method, the description of which should be submitted to the Bureau. One possible example of such a method is described in the Annex to the Rule relating to No. 21.16.