



Radiocommunication Bureau

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Circular Letter
CCRR/32

14 September 2007

To Administrations of Member States of the ITU

Subject: Draft Rules of Procedure concerning the Regional Agreement GE06

To the Director General

Dear Madam/Sir,

Please find enclosed draft Rules of Procedure dealing with the Regional Agreement GE06, which are intended to support the application of the Regional Agreement GE06.

In accordance with No. **13.17** of the Radio Regulations, these draft Rules of Procedure are made available to administrations for comment before being submitted to the RRB 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 **2 November 2007**, in order to be considered at the 45th Meeting of the RRB, scheduled for 3 – 7 December 2007. All e-mail comments should be sent to: brmail@itu.int.

Yours faithfully,

V. Timofeev
Director, Radiocommunication Bureau

Annex: 1

Distribution:

- Administrations of Member States of the ITU
- Members of the Radio Regulations Board
- Director and Heads of Department of the Radiocommunication Bureau

ANNEX

PART A10

Rules concerning the Regional Agreement relating to the planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz (Geneva, 2006) (GE06)

Art. 5

Notification of frequency assignments

5.1.2 e)

If the digital Plan entry bears a remark with respect to assignments in the analogue Plan, to existing assignments to other primary terrestrial services or to entries in the digital Plan, the finding of the notified frequency assignment referring to this digital Plan entry and being within the scope of provision No. 5.1.2 e) shall be favourable if all the necessary agreements have been obtained and if the conditions specified in Section II of Annex 4 are met.

Reason: To clarify the situation when the digital Plan entry bears a remark with respect to assignments in the analogue Plan, to existing assignments to other primary terrestrial services or to entries in the digital Plan and the notifying administration wishes to use it with different characteristics within the DVB-T or T-DAB systems.

5.1.3

3) If the digital Plan entry bears a remark with respect to assignments in the analogue Plan, to existing assignments to other primary terrestrial services or to entries in the digital Plan, the finding of the notified frequency assignment referring to this digital Plan entry and being within the scope of provision No. 5.1.3 shall be favourable if all the necessary agreements have been obtained and if the results of all the required examinations are favourable.

Reason: To clarify the situation when the digital Plan entry bears a remark with respect to assignments in the analogue Plan, to existing assignments to other primary terrestrial services or to entries in the digital Plan and the notifying administration wishes to use it under the conditions of provision No. 5.1.3.

Annex 4

Section I: Limits and methodology for determining when agreement with another administration is required

5.2.2

1) For carrying out the calculations referred to in this provision, the Bureau will assume that the reference broadcasting station referred to in this provision (with a maximum radiated power of 53 dBW, maximum effective antenna height of 600 m, mixed polarization) operates in DVB-T system with 8 MHz bandwidth in the UHF band and with 7 MHz bandwidth in the VHF band.

Reason: Provision No. 5.2.2 does not specify the broadcasting system of the reference broadcasting station. From the three possible representative systems (digital television broadcasting, analogue television broadcasting, sound broadcasting T-DAB), it is proposed to associate the reference broadcasting station with DVB-T for the following reasons:

- *the analogue television will be phased out after the end of the transition period;*
- *there are rarely T-DAB stations operating with 53 dBW.*

As far as the bandwidth is concerned, the Agreement specifies only one value in the UHF bands (i.e., 8 MHz) and that value is associated with the reference broadcasting station in the UHF band. For the VHF band, the Agreement specifies both 7 MHz and 8 MHz bandwidths; the proposal to associate the 7 MHz bandwidth with the reference broadcasting station is based on the fact that the spectral density of the 7 MHz DVB-T assignment is higher than the spectral density of the 8 MHz DVB-T assignment and thus more appropriate for determining the impact of the broadcasting station to the service area of the receiving station in the other primary terrestrial services under worst-case conditions.

2) The maximum coordination distance for aircraft receivers is to be set to 420 km, irrespective of the indications in this provision, given the indications in other relevant provisions (e.g., Nos. 5.1.2 and 5.2.2 in Section I of Annex 4).

Reason: As indicated in provisions Nos. 5.1.2 and 5.2.2, the free-space model, which is used for ground-to-air or for air-to-ground calculations, limits the coordination contour to the line-of-sight distance, which is 420 km for the coordination situation concerned (protection of aircraft receivers).