



Radiocommunication Bureau
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Administrative Circular
CAR/211

10 February 2006

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 6
– Proposed approval of 3 draft revised Recommendations

At the meeting of ITU-R Study Group 6 (Broadcasting Services) held on 20 and 21 October 2005, the Study Group decided to seek adoption of 3 draft revised Recommendations by correspondence, according to § 10.2.3 of Resolution ITU-R 1-4.

As stated in Circular letter 6/LCCE/49, dated 22 November 2005, the consultation period for the Recommendations ended on 24 January 2006.

The Recommendations have now been adopted by Study Group 6 and the approval procedure of Resolution ITU-R 1-4 § 10.4.5 is to be applied, noting the interim procedures recommended by the RAG at its meeting in November 2004*. The titles and summaries of the Recommendations are given in Annex 1.

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-4, you are requested to inform the Secretariat (brsgd@itu.int) by 10 May 2006 whether your Administration approves or does not approve the draft Recommendations.

A Member State who indicates that the draft Recommendations should not be approved is requested to advise the Secretariat of the reason and to indicate possible changes in order to facilitate further consideration by the Study Group during the study period (§ 10.4.5.5 of Resolution ITU-R 1-4).

After the above-mentioned deadline, the results of this consultation will be notified in an Administrative Circular and arrangements made for the approved Recommendations to be published in accordance with § 10.4.7 of Resolution ITU-R 1-4.

* See Administrative Circular [CA/145](#).

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendation(s) mentioned in this letter is requested to disclose such information to the Secretariat as soon as possible. The “Statement on Radiocommunication Sector Patent Policy” is contained in Annex 1 of Resolution ITU-R 1-4.

Valery Timofeev
Director, Radiocommunication Bureau

Annex: Titles and summaries

Documents attached:

Documents 6/BL/35 – 6/BL/37 on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 6
- ITU-R Associates participating in the work of Radiocommunication Study Group 6

ANNEX 1

Titles and summaries of the draft Recommendations adopted by Radiocommunication Study Group 6

Draft revision of Recommendation ITU-R BT.1368-5

Doc. 6/BL/35

Planning criteria for digital terrestrial television services in the VHF/UHF bands

The proposed revision concerns Tables 5 and 13 of Recommendation ITU-R BT.1368-5. These revisions are proposed to make the Recommendation consistent with current DTV standards as adopted and implemented by various administrations.

An additional table giving protection ratios for 7 MHz DVB-T signals interfered with by narrow band signals is added.

Recommendation ITU-R BT.1368-5 gives in Annex 2, § 1.3 in Table 22 protection ratios for a DVB-T 8 MHz signal interfered with by a CW or a FM carrier.

The corresponding values for DVB-T 7 MHz signal are not available in Recommendation ITU-R BT.1368-5 for a non-controlled frequency offset condition.

The proposal is to add to Recommendation ITU-R BT.1368-5 a new Table XX, below Table 22, for DVB-T signals with a 7 MHz bandwidth. Protection ratio values are taken from Table 22 and adapted to the 7 MHz bandwidth of the wanted DVB-T signal.

A correction of the heading of Table 21 is provided. The heading of Table 21 is incorrect. The proposal is to change the heading so it accurately describes the application of protection ratio values in the table.

A new Table YY, with the protection ratios for a DVB-T 8 MHz signal interfered with by an overlapping 8 MHz analogue TV signal including sound is added.

Note

These revisions are essential to make Recommendation ITU-R BT.1368-5 relevant to administrations adopting and implementing digital television systems. The proposed revision complements rather than changes the agreement reached in the previous version, therefore it complies with § 10.1.6 of Resolution ITU-R 1-4.

Draft revision of Recommendation ITU-R BT.1306-2

Doc. 6/BL/36

**Error-correction, data framing, modulation and emission methods
for digital terrestrial television broadcasting**

These revisions are proposed to make Recommendation ITU-R BT.1306-2 consistent with current DTV standards as adopted and implemented by various administrations.

Note

These revisions are essential to make Recommendation ITU-R BT.1306-2 relevant to administrations adopting and implementing digital television systems. The proposed revision complements rather than changes the agreement reached in the previous version, therefore it complies with § 10.1.6 of Resolution ITU-R 1-4.

Draft revision of Recommendation ITU-R BO.1443-1

Doc. 6/BL/37

**Reference BSS earth station antenna patterns for use in
interference assessment involving non-GSO satellites
in frequency bands covered by RR Appendix 30**

This Recommendation intends to provide tridimensional reference earth station antenna patterns for the broadcasting-satellite service that can be used for the calculation of interference generated by non-GSO FSS satellites into BSS earth station antennas.

A key aspect to the gain calculation in Recommendation ITU-R BO.1443 for small dish antennas is the calculation of planar and off-axis angles. However, an inconsistency was identified in Recommendation ITU-R BO.1443 in its use of the off-axis angle ϕ . Therefore, Annex 2 on geometric conversions for use with the 3-D antenna model has been updated accordingly.
