



Radiocommunication Bureau
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Administrative Circular
CAR/195

4 August 2005

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 6
– Proposed approval of 2 draft revised Recommendations

At the meeting of ITU-R Study Group 6 (Broadcasting Services) held on 13 and 14 April 2005, the Study Group decided to seek adoption of 2 draft revised Recommendations by correspondence, according to § 10.2.3 of Resolution ITU-R 1-4.

As stated in Circular letter 6/LCCE/45, dated 20 May 2005, the consultation period for the Recommendations ended on 20 July 2005.

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 4 November 2005 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/33 and 6/BL/34 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 BS.1660-1

Doc. 6/BL/33

Technical basis for planning of terrestrial digital sound broadcasting in the VHF band

The proposed revision of Recommendation ITU-R BS.1660-1 concerns the out-of-band spectrum masks for System A described in Fig. 1, § 3.1. There has been a requirement to have, in addition to the two spectrum masks, a third more stringent one. It was required to use this spectrum mask in the case of operating VHF System A transmitters in certain areas where frequency block 12D (228.304-229.840 MHz, centre frequency 229.072 MHz, see Recommendation ITU-R BS.1660-1, Table 2) is used as a result of coordination agreements with neighbouring countries in order to protect their other services. This additional mask is in principle very similar to the spectrum mask for VHF transmitters in critical areas shown in Fig. 1 of Recommendation ITU-R BS.1660-1 but allows only a ratio of out-of-band power to a total power of -78 dB instead of -71 dB at 0.97 MHz frequency separation from the centre frequency.

NOTE – The proposed revision to Recommendation ITU-R BS.1660-1, namely to add an additional spectrum mask for transmitters operating at VHF which has been in practical use for several years, complements the text of this Recommendation. Therefore the proposed modification fulfils the intent of § 10.1.6 of Resolution ITU-R 1-4.

Draft revision of Recommendation ITU-R BO.1213

Doc. 6/BL/34

Reference receiving earth station antenna pattern for the WARC broadcasting-satellite service in the 11.7-12.75 GHz band

The main modification relates to the extension of the scope of application of the reference antenna patterns which are now applicable to the BSS in the whole 11.7-12.75 GHz band. The *considerings* and *recommends* have been revised in order to reflect this broader applicability. Moreover, in Annex 1, in addition to editorial refinements, the equations in the cross-polar pattern have been improved in order to remove possible discontinuities. The example referring to a 60 cm antenna pattern has been revised and a new example with a 45 cm diameter has been added.