



Radiocommunication Bureau
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Administrative Circular
CAR/171

2 November 2004

To Administrations of Member States of the ITU

Subject: Proposed approval of 7 draft new Recommendations, 1 draft revised Recommendation and 1 draft modified Recommendation adopted by Radiocommunication Study Group 6

At the meeting of Radiocommunication Study Group 6, held on 6 and 7 May 2004, the Study Group decided to seek adoption of 7 draft new, 1 draft revised and 1 draft modified Recommendations by correspondence, according to § 10.2.3 of Resolution ITU-R 1-4 (adoption by a Study Group by correspondence).

As stated in Addendum 1 to Circular Letter 6/LCCE/39, dated 7 September 2004, the consultation period for the Recommendations ended on 7 October 2004.

The Recommendations have now been adopted by Study Group 6 and the procedure of Resolution ITU-R 1-4 § 10.4.5, is to be applied. The titles and summaries of these Recommendations are given in Annex 1.

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-4, I should be grateful if you would inform the Secretariat (brsgd@itu.int) by 2 February 2005, whether your Administration approves or does not approve these draft Recommendations.

A Member State who indicates that these draft Recommendations should not be approved is requested to advise the reason and 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, I will notify the results of this consultation by Administrative Circular and make arrangements for the approved Recommendations to be published in accordance with § 10.4.7 of Resolution ITU-R 1-4.

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of draft Recommendation(s) proposed for adoption is requested to disclose such information to me, in no case later than the date scheduled for approval of the Recommendations in this Administrative Circular. 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

Document attached:
Documents 6/BL/18 – 6/BL/26 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 new Recommendation ITU-R BO.[Doc. 6/67]

Doc. 6/BL/18

Methodologies for determining the availability performance for digital multi-programme BSS systems, and their associated feeder links operating in the planned bands

Summary

This Recommendation proposes methodologies for determining performance objectives for digital systems in the 11.7-12.7 GHz band, and sets availability objectives for digital systems that are higher than those for analogue systems. Annex 1 to this Recommendation provides example implementations of the recommended methodologies, as well as exact and approximate solutions.

Draft new Recommendation ITU-R BT.[Doc. 6/69]

Doc. 6/BL/19

Harmonization of declarative content format for interactive TV applications

Summary

This Recommendation identifies the functional commonality among the declarative application environments for interactive TV application specifications DVB-HTML, ACAP-X and BML. Based on the analysis of such commonality, this Recommendation describes the harmonized declarative application environment and additional elements to implement those specifications. It complements the harmonized Procedural Applications Environment in ITU-T Recommendation J.202 whose relationship with the declarative environment is described in ITU-T Recommendation J.200. Common elements, media types and APIs of the declarative environment are specified and additional elements to satisfy regional requirements are identified. This harmonization assists content authors to create internationally exchangeable programmes and provides an opportunity to obtain the benefits of economies of scale.

Draft new Recommendation ITU-R BT.[Doc. 6/71]

Doc. 6/BL/20

Characteristics of composite video signals for conventional analogue television systems

Summary

Currently there are three analogue colour television systems in use: NTSC, PAL and SECAM. Common terminology refers to the signal representing the luminance and chrominance components of these signals as being "composite".

This Recommendation describes the characteristics of the analogue composite colour television signals used in the production process, and for programme interchange. Typically, the production process may involve studio facilities, remote facilities, ENG contributions and inter-facility programme exchange.

The analogue composite colour signals covered by this Recommendation include NTSC, PAL and SECAM signal format definitions and specifications. A separate Recommendation covers the RF specifications.

This Recommendation is divided into three parts:

Part A – This Part covers NTSC signal format and specification.

Part B – This Part covers the 525/625 PAL signal format and specification.

Part C – This Part covers the 625 SECAM signal format and specification.

Draft new Recommendation ITU-R BO.[Doc. 6/73]

Doc. 6/BL/21

Power flux-density values in the band 11.7-12.7 GHz and associated calculation methodology which may be used for bilateral coordination when the power flux-density values in Section 3 of Annex 1 to Appendix 30 or Annex 4 to Appendix 30 of the Radio Regulations are exceeded

Summary

The Recommendation addresses power flux-density values in the band 11.7-12.7 GHz and associated calculation methodology which may be used for bilateral coordination between administrations when the power flux-density values in Section 3 of Annex 1 to Appendix 30 or Annex 4 to Appendix 30 are exceeded.

In particular, this Recommendation identifies pfd levels for particular antenna sizes, the envelope of which constitutes the pfd values in Annex 4 or Section 3 of Annex 1 to Appendix 30.

It is to be noted that Section 3 of Annex 1 to Appendix 30 and Annex 4 to Appendix 30 provide pfd masks corresponding to the envelope of the permissible interfering pfd into the range of BSS GSO earth station antenna sizes used in the 11.7-12.7 GHz band. These masks are used by BR to determine when coordination of proposed FSS or BSS assignments is required with previously filed BSS assignments and BSS Plan/List assignments.

Draft revision of Recommendation ITU-R BT.470-6

Doc. 6/BL/22

Conventional analogue television systems

Summary

This Recommendation provides a reference to the two draft new Recommendations ITU-R BT.[Doc. 6/94] “Characteristics of radiated signals of conventional analogue television systems” and ITU-R BT.[Doc. 6/71] “Characteristics of composite video signals for conventional analogue television systems” for administrations wishing to implement a conventional analogue television system.

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

Summary

Recommendation ITU-R BS.1660 describes the planning criteria, which could be used for planning of terrestrial digital sound broadcasting in the VHF band, for Digital System A of Recommendation ITU-R BS.1114. It is proposed to add the planning criteria for Digital System F to the Recommendation ITU-R BS.1660 as Annex 2.

The draft modification complements the current version of Recommendation ITU-R BS.1660 and does not change the contents agreed in this version. Therefore, this modification is in line with Section 10.1.6 of Resolution ITU-R 1-4.

Characteristics of radiated signals of conventional analogue television systems

Summary

A guidance document from the Chairman of Study Group 6, Document 6P/127 (Doc. 6E/233) (study period 2000-2003) "Chairman's guidance on treatment of Recommendation ITU-R BT.470" requested that Recommendation ITU-R BT.470-6 be split into two parts:

- the first part dealing with radio-frequency specifications, to be considered by Working Party 6E; and
- the second part dealing with baseband ("production") video signal characteristics, to be considered by Working Party 6P.

Therefore, this has resulted in the following documents:

- a draft new Recommendation ITU-R BT.[Doc. 6/94] "Characteristics of radiated signals of conventional analogue television systems" to be maintained by Working Party 6E;
- a draft new Recommendation ITU-R BT.[Doc. 6/71] "Characteristics of composite video signals for conventional analogue television systems" to be maintained by Working Party 6P;
- a draft new Report ITU-R [Doc. 6/86] "Analogue television systems currently in use throughout the world" to be maintained by Working Party 6E;
- that Recommendation ITU-R BT.470-6 be modified as shown in Document 6/74 "Conventional analogue television systems" to be maintained by Working Party 6P.

**Evaluating fields from terrestrial broadcasting transmitting systems
operating in any frequency band for assessing exposure to
non-ionizing radiation**

Summary

This Recommendation is intended to provide a basis for the derivation and estimation of the values of electromagnetic radiation from a broadcasting station that occurs at particular distances from the transmitter site. Using such information, responsible organizations can then develop appropriate standards that may be used to protect humans from undesirable exposure to harmful radiation. The actual values to be applied in any regulation will naturally depend on decisions reached by responsible health agencies, domestic and worldwide.

**Guidance for the reduction of photosensitive epileptic seizures
caused by television**

Summary

Extensive studies on the subject of photosensitive epilepsy taken place around the world have led to formulation of the draft new Recommendation. The guidance proposed in the draft new Recommendation is for the protection of the vulnerable section of the viewing population who have photosensitive epilepsy, and who are therefore prone to seizures triggered by flashing lights, including certain types of flashing television images. Broadcasting organizations are encouraged to raise awareness among programme producers of the risks of creating television image content which may induce photosensitive epileptic seizures in susceptible viewers. The appendices provide additional information on this subject.
