



*Radiocommunication Bureau*

*(Direct Fax N°. +41 22 730 57 85)*

**Circular Letter  
6/LCCE/72**

6 December 2010

**To Administrations of Member States of the ITU and Radiocommunication  
Sector Members participating in the work of  
Radiocommunication Study Group 6**

**Subject: Radiocommunication Study Group 6**

- **Proposed adoption by correspondence of 4 draft new Recommendations and 3 draft revised Recommendations**

At the meeting of Radiocommunication Study Group 6, held on 28 and 29 October 2010, the Study Group decided to seek adoption of 4 draft new Recommendations and 3 draft revised Recommendations according to § 10.2.3 of Resolution ITU-R 1-5 (Adoption by a Study Group by correspondence). The titles and summaries of the Recommendations are given in the Annex.

The consideration period shall extend for two months ending on 6 February 2011. If no objections are received from Member States during this period, the approval by consultation procedure of § 10.4.5 of Resolution ITU-R 1-5 will be initiated. However, any Member State who objects to the continuation of the approval procedure for the draft Recommendation is requested to advise the Director of the reason and to indicate possible changes to the text in order to resolve the problem.

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 Common Patent Policy for ITU-T/ITU-R/ISO/IEC is available at <http://www.itu.int/ITU-T/dbase/patent/patent-policy.html>.

Valery Timofeev  
Director, Radiocommunication Bureau

**Annex:** Titles and summaries of the draft Recommendations

**Documents attached:** Documents 6/282(Rev.1), 6/297(Rev.1), 6/303(Rev.1), 6/306(Rev.1), 6/280(Rev.1), 6/281(Rev.1), 6/285(Rev.1) on CD-ROM

Distribution:

- Administrations of Member States and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 6
- ITU-R Associates participating in the work of Radiocommunication Study Group 6
- Chairman and Vice-Chairmen of Radiocommunication Study Group 6
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

## **Annex**

### **Titles and summaries of the draft Recommendations**

Draft new Recommendation ITU-R BS.[MULT-FM]

Doc. 6/282(Rev.1)

#### **Requirements for enhanced multimedia services for digital terrestrial broadcasting in VHF Bands I and II**

This Recommendation provides service and implementation requirements for enhanced multimedia services using digital terrestrial broadcasting to vehicular, portable and fixed receivers in the VHF broadcasting band.

Draft new Recommendation ITU-R BT.[WINTURB]

Doc. 6/297(Rev.1)

#### **Assessment of impairment caused to digital television reception by a wind turbine**

This Recommendation provides a method to assess the potential impairment caused to digital television reception by wind turbine installation consisting of a single machine.

Draft new Recommendation ITU-R BS.[CAP.RAD]

Doc. 6/303(Rev.1)

#### **Digital radio broadcast service, captioned radio**

This Recommendation describes mechanisms to support captioned radio broadcast services on the basis of terrestrial digital sound broadcasting systems described in Recommendation ITU-R BS.1114 as well as traditional analogue FM system(s).

Draft new Recommendations ITU-R BT.[PROTECT] and ITU-R BS.[PROTECT]

Doc. 6/306(Rev.1)

#### **Protection criteria for terrestrial broadcasting systems**

This Recommendation provides guidelines to ensure that radiocommunication services and other sources of radio frequency emissions do not degrade the performance of terrestrial broadcasting systems beyond acceptable levels.

Taking these guidelines into account, compatibility studies may need to be conducted when necessary.

Radiation below 30 MHz from "Power line high data rate telecommunication systems" is covered in Recommendation ITU-R [1/102-PLT].

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

This draft revision is to include additional information on the planning criteria for Digital System F (ISDB-T<sub>SB</sub>). Only the Annex 2 “Technical basis for planning of terrestrial digital sound broadcasting System F (ISDB-TSB) in the VHF band” is proposed for revision, where additional link budgets at the frequency of 100 MHz, correction of some figures of link budgets at 200 MHz, and a protection criterion for ISDB-T<sub>SB</sub> below 108 MHz against interference from services other than broadcasting are proposed.

### **System for automatic tuning and other applications in FM radio receivers for use with the pilot-tone system**

Recommendation ITU-R BS.643-2, dealing with RDS, was last updated in 1995. Since then RDS has been extensively used by the industry in FM radio receiver products and the RDS standard was much developed further through the RDS Forum. The second edition of the totally updated RDS standard was published in August 2009 as IEC 62106 Ed.2:2009.

### **“Planning parameters” for digital sound broadcasting at frequencies below 30 MHz**

This draft revision aims to provide additional protection ratios for DRM modes using 18 kHz and 20 kHz bandwidths.

New Appendix 3 of Annex 2 describes the method used to include protection ratios values for DRM signals with bandwidths of 18 and 20 kHz.

---