



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/644**

6 December 2013

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

**Subject: Radiocommunication Study Group 6 (Broadcasting service)**

- **Proposed adoption of 7 draft new ITU-R Recommendations and 3 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § 10.3 of Resolution ITU-R 1-6 (Procedure for the simultaneous adoption and approval by correspondence)**
- **Proposed suppression of 1 ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 6, held on 22 November 2013, the Study Group decided to seek adoption of 7 draft new ITU-R Recommendations and 3 draft revised ITU-R Recommendations by correspondence (§ 10.2.3 of Resolution ITU-R 1-6) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA), (§ 10.3 of Resolution ITU-R 1-6). The titles and summaries of the draft Recommendations are given in Annex 1. Furthermore, the Study Group proposed the suppression of 1 ITU-R Recommendation given in Annex 2.

The consideration period shall extend for 2 months ending on 6 February 2014. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 6. Furthermore, since the PSAA procedure has been followed, the draft Recommendations shall also be considered as approved.

Any Member State who objects to the adoption of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

After the above-mentioned deadline, the results of the PSAA procedure will be announced in an Administrative Circular and the approved Recommendations will be published as soon as practicable (see <http://www.itu.int/pub/R-REC>).

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendations 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/en/ITU-T/ipr/Pages/policy.aspx>.

François Rancy  
Director

**Annex 1:** Titles and summaries of the draft Recommendations

**Annex 2:** Recommendation proposed for suppression

**Documents:** Documents 6/164(Rev.1), 6/170(Rev.1), 6/177(Rev.1), 6/184(Rev.1), 6/185(Rev.1), 6/189(Rev.1), 6/190(Rev.1), 6/191(Rev.1), 6/192(Rev.1) 6/200(Rev.1)

These documents are available in electronic format at: <http://www.itu.int/md/R12-sg06-c>

**Distribution:**

- Administrations of Member States of the ITU 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
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and the Special Committee on Regulatory/Procedural Matters
- Chairman and Vice-Chairmen of the Conference Preparatory Meeting
- Members of the Radio Regulations Board
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

## **Annex 1**

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

Draft new Recommendation ITU-R BT.[HQPROD]

Doc. 6/164(Rev.1)

#### **Use of UHDTV image systems for capturing, editing, finishing and archiving high-quality HDTV programmes**

This Recommendation addresses the use of UHDTV image systems described in Recommendation ITU-R BT.2020 to capture, post produce and archive programmes in the highest quality for HDTV delivery.

Draft new Recommendation ITU-R BS.[ADV-MCHSOUND]

Doc. 6/170(Rev.1)

#### **Advanced sound system for programme production**

This Recommendation specifies an advanced multichannel sound system that can support channels (speaker feeds), objects, or a combination of the two. Key to this is the use of metadata to fully describe the audio contents of the sound production.

Draft new Recommendation ITU-R BT.[ETMMPLAN]

Doc. 6/185(Rev.1)

#### **Planning criteria for terrestrial multimedia broadcasting for mobile reception using handheld receivers in VHF/UHF bands**

This Recommendation defines the planning criteria for various methods of providing terrestrial multimedia broadcasting for mobile reception using handheld receivers in VHF/UHF bands.

Draft new Recommendation ITU-R BT.[IBB-TECH]

Doc. 6/189(Rev.1)

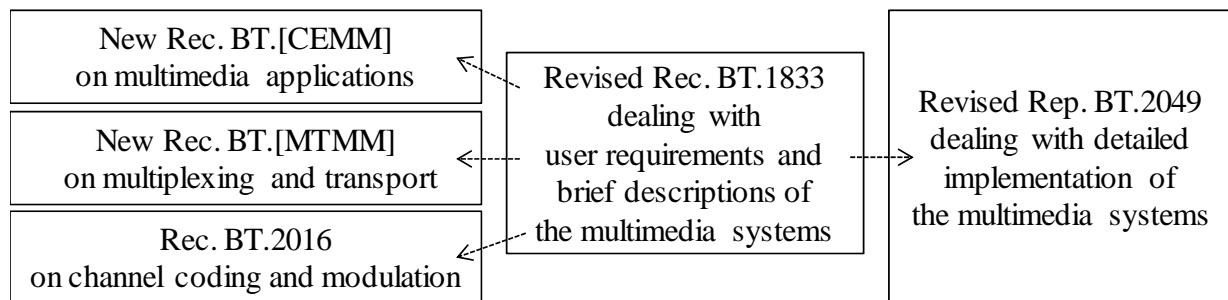
#### **Technical requirements for Integrated Broadcast-Broadband systems**

This Recommendation defines technical requirements for integrated broadcast-broadband systems; intended to harmonize the behaviour and the interaction of a variety of types of applications by broadcast delivery, broadband delivery, pre-installed, via application repository, and home area network delivery.

## **Multiplexing and transport schemes in multimedia broadcasting systems for mobile reception**

As a part of the work of reorganization of Recommendation ITU-R BT.1833-1, this draft new Recommendation defines multiplexing and transport schemes in multimedia broadcasting systems for mobile reception. The figure below indicates relationship with other relevant documents for multimedia broadcasting systems for mobile reception.

### **New structure of ITU-R Rec. and Rep. dealing with multimedia broadcasting systems for mobile reception**



(\*An arrow means reference.)

## **Content elements in multimedia broadcasting systems for mobile reception**

As a part of the work of reorganization of Recommendation ITU-R BT.1833-1, this draft new Recommendation defines media type and interactive content formats in multimedia broadcasting systems for mobile reception. The figure above indicates relationship with other relevant documents for multimedia broadcasting systems for mobile reception.

## **High-level guidelines for the International exchange of HDTV programmes over IP connections for contribution purposes**

This Recommendation specifies some high-level guidelines applicable to IP-based connections used for the international exchange of sound and television programmes for contribution purposes. It is expected when dealing with IP service providers, the specified requirements will help in selecting source-coding, multiplexing and IP-based transport methods to be used for such programme exchanges, and to standardization of appropriate metadata, used to describe the programme content and the IP-based transport parameters.

Draft revision of Recommendation ITU-R BT.1735

Doc. 6/177(Rev.1)

### **Methods for objective reception quality assessment of digital terrestrial television broadcasting signals of System B specified in Recommendation ITU-R BT.1306**

This revision addresses the distinct classes of MER performance where there appear to be three distinct classes of MER performance corresponding to *tiers of services* for different types of transmission service.

Draft revision of Recommendation ITU-R BT.1368-10

Doc. 6/184(Rev.1)

### **Planning criteria, including protection ratios, for digital terrestrial television services in the VHF/UHF bands**

This draft revision addresses three issues, with changes made only in Annex 3 relevant to the ISDB-T system.

The first issue is the deletion of footnote 7 because one administration in Region 1 has adopted ISDB-T.

The second issue is combining of two separate tables, table 69 and 70, describing protection ratios for ISDB-T 6 MHz upper and lower adjacent channels.

The third issue is the addition of section 4 in Annex 3 introducing the protection ratios and overload thresholds for ISDB-T digital television signals interfered with by LTE base station or user equipment.

Draft revision of Recommendation ITU-R BT.1833-2

Doc. 6/192

### **Broadcasting of multimedia and data applications for mobile reception by handheld receivers**

This draft revision is a result of restructuring for the following purposes:

- to emphasize the commonalities of technologies used in some layers in the mobile systems;
- to avoid repetition and balance the descriptions of each system; and
- to exclude the overlap with content of Report ITU-R BT.2049-5 “Broadcasting of multimedia and data applications for mobile reception”.

## **Annex 2**

(Source: Document [6/182](#))

### **Recommendation proposed for suppression**

<b>Recommendation ITU-R</b>	<b>Title</b>
BT.803	The avoidance of interference generated by digital television studio equipment

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