



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/862**

9 May 2018

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

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

- **Proposed adoption of 7 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-7 (Procedure for the simultaneous adoption and approval by correspondence)**

At the meeting of Radiocommunication Study Group 6, held on 27 April 2018, the Study Group decided to seek adoption of 7 draft revised ITU-R Recommendations by correspondence (§ A2.6.2 of Resolution ITU-R 1-7) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA, § A2.6.2.4 of Resolution ITU-R 1-7). The titles and summaries of the draft Recommendations are given in the Annex to this letter. 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.

The consideration period shall extend for 2 months ending on 9 July 2018. 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.

After the above-mentioned deadline, the results of the above procedures 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: Titles and summaries of the draft Recommendations**

**Documents:** Documents 6/220(Rev.1), 6/221(Rev.1), 6/223(Rev.1), 6/225(Rev.1), 6/232(Rev.1), 6/239(Rev.1), 6/245(Rev.1)

These documents are available in electronic format at: <https://www.itu.int/md/R15-SG06-C/en>

**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
- ITU Academia
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups
- 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**

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

Draft revision of Recommendation ITU-R BS.2051-1

Doc. 6/220(Rev.1)

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

This revision adds a new sound system Z (headphones) and includes some editorial modifications to clarify the definitions of 'advanced sound system', 'channel-based audio', 'object-based audio' and 'scene-based audio'. This modification adds new information and is urgent, to respond to the requests of broadcasters.

Draft revision of Recommendation ITU-R BT.814-3

Doc. 6/221(Rev.1)

#### **Specifications of PLUGE test signals and alignment procedures for setting of brightness and contrast of displays**

This revision includes additional clarifications to the descriptions of the adjustment procedures for the use of PLUGE given in Annex 3 and Annex 4 of this ITU-R Recommendation.

The clarifications that have been made are complementary to the agreement that led to approval of this ITU-R Recommendation and are required urgently to provide a response to requests received since its publication to improve clarity.

Draft revision of Recommendation ITU-R BT.1366-2

Doc. 6/239(Rev.1)

#### **Transmission of time code and control code in the ancillary data space of a digital television stream according to Recommendations ITU-R BT.656, ITU-R BT.799 and ITU-R BT.1120**

This draft revision is intended to simplify and provide relevant information on the formatting and implementation of various forms of time code. This revision is also intended to update information that was previously contained in Recommendation ITU-R BR.780. As Part 1 of this draft revision supersedes Recommendation ITU-R BR.780-2, when approved, suppression of Recommendation ITU-R BR.780-2 will be proposed in due course.

Time code in its various forms has been a stable technology in the broadcast industry for many years. This draft revision defines current implementation practices, including the definition of a time code to address frame rates beyond 60 Hz.

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

This revision includes:

- Addition of keywords.
- Move of *further recommends 1* to *recommends 2*.
- Change all instances of “Appendix” to “Annex”.
- Annex 1 – Clarification of the definition of a sequence of flashes.
- Annex 2 – Update to reflect digital video code values.
- Annex 3 – Update to Figure 3 (cleaned up from previous scanned insert).

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

This revision is intended to add an adaptive streaming technique and the related information to this ITU-R Recommendation.

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

This revision is intended to include information on ITU-T H.265 | ISO/IEC 23008-2 (MPEG-H HEVC) in this ITU-R Recommendation. Table 1 showing media types of content elements is also updated by removing audio and video formats to clearly show the media types.

### **Image parameter values for high dynamic range television for use in production and international programme exchange**

This revision provides clarifications, including an adjustment to a process applied in the display that enables more detail to be preserved close to black level when the HLG black-level lift (“brightness”) control is applied under non-reference viewing conditions.

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