



Radiocommunication Bureau (BR)

Administrative Circular
CACE/1000

24 November 2021

**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 1 draft new and 6 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-8 (Procedure for the simultaneous adoption and approval by correspondence)**

At the meeting of Radiocommunication Study Group 6, held on 12 November 2021, the Study Group decided to seek adoption of 1 draft new and 6 draft revised ITU-R Recommendations by correspondence (§ A2.6.2 of Resolution ITU-R 1-8) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA, § A2.6.2.4 of Resolution ITU-R 1-8). The titles and summaries of the draft Recommendations are given in the Annex to this letter. Any Member State which 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 24 January 2022. 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>.

Mario Maniewicz
Director

Annex: Titles and summaries of the draft Recommendations

Documents: Documents 6/164, 6/167, 6/170(Rev.1), 6/182, 6/184, 6/186, 6/189

These documents are available in electronic format at: <https://www.itu.int/md/R19-SG06-C/en>

Annex

Titles and summaries of the draft ITU-R Recommendations

Draft new Recommendation ITU-R BS.[NPAD-IF]

Doc. 6/184

Transport method for non-PCM audio signals and data over digital audio interfaces for programme production and exchange

This new Recommendation specifies a transport method for non-PCM audio signals and data including Serial ADM metadata over digital audio interfaces specified in Recommendation ITU-R BS.647, also known as AES3, or other compatible interfaces including MADI and SDI.

Draft revision of Recommendation ITU-R BS.1114-11

Doc. 6/164

Systems for terrestrial digital sound broadcasting to vehicular, portable and fixed receivers in the frequency range 30-3 000 MHz

This revision includes proposed change of recommended protection ratio for Digital System G, DRM mode E (Annex 5, section 7) for the minimum $\Delta f = 150$ kHz to 10 dB (ΔP can be varied flexibly; however, a new value, $\Delta P > 10$ dB is recommended for the minimum $\Delta f = 150$ kHz). New value is intended to replace the existing value of 20 dB in the Recommendation.

Draft revision of Recommendation ITU-R BT.2033-1

Doc. 6/167

Planning criteria, including protection ratios, for second generation of digital terrestrial television broadcasting systems in the VHF/UHF bands

This draft revision to Recommendation ITU-R BT.2033-1 provides new system planning criteria for ATSC 3.0 and DTMB-A, including protection ratios and minimum field strength link budgets.

The major changes include:

- 1) Addition of Annex 7 providing Planning criteria, including protection ratios, for ATSC 3.0 second generation digital terrestrial television systems in the VHF/UHF bands.
- 2) Addition of Annex 8 providing Planning criteria for DTMB-A digital television systems in the VHF/UHF bands.

User requirements for wireless microphones, In-Ear Monitoring devices and Wireless Multi-Channel Audio Systems

- Amendments to the Title, the *Scope*, the *Considering* and the *Recommend* part of the Recommendation
- Insertion of keynotes
- Insertion of in In-EAR Monitoring devices (IEM) next to wireless microphone section (Annex 1 of Recommendation)
- Insertion of Wireless Multi-channel Audio System (WMAS) to the listed technologies / radio interfaces (Annex 2 of the Recommendation)
- Revision of Table 2 of Annex 2 with latest information provided by Japan.

Use of high efficiency video coding for UHDTV and HDTV broadcasting applications

This revision is to include information on using HEVC for contribution, primary distribution, ENG, and programme production and exchange in Annex 1.

The title of the Recommendation is adjusted with the addition of “applications” to become “Use of high efficiency video coding for UHDTV and HDTV broadcasting applications”.

In addition, editorial adjustments and clarifications are made to the recommends.

User requirements for generic video bit-rate reduction coding of digital TV signals for an end-to-end television system

This revision adds Recommendation ITU-R BT.2100 HDR-TV picture formats to the table of input formats for codecs. Also added are more details of general tier and level limits for HEVC broadcasting applications.

A considering is added: “that production and international programme exchange are implemented in HDTV, UHDTV and HDR-TV;”

Integrated broadcast-broadband system

This revision of Recommendation ITU-R BT.2075 adds a new section on the harmonization of applications among different IBB systems. The text of this new section is aligned with the recently revised Part 3 of Report ITU-R BT.2267 and with the text of Recommendation ITU-T J.208, recently consented by ITU-T Study Group 9.
