Radiocommunication Bureau (BR)

Administrative Circular
CACE/1124

4 December 2024

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

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

– **Proposed approval of 2 draft new and 4 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 6 held on 15 November 2024, the Study Group adopted the texts of two draft new and four draft revised ITU-R Recommendations and agreed to apply the procedure of Resolution ITU-R 1-9 (see § A2.6.2.3) for approval of Recommendations by consultation. The titles and summaries of the draft Recommendations are given in the Annex to this letter. Any Member State raising an objection to the approval of a draft Recommendation is requested to inform the Director and the Chair of the Study Group of the reasons for the objection.

Having regard to the provisions of § A2.6.2.3 of Resolution ITU-R 1-9, Member States are requested to inform the Secretariat (brsgd@itu.int) by 4 February 2025, whether they approve or do not approve the proposals above.

After the above-mentioned deadline, the results of this consultation 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 6/19(Rev.1), 6/23, 6/24, 6/35(Rev.1), 6/36(Rev.1) and 6/37

These documents are available in electronic format at:
https://www.itu.int/md/R23-SG06-C/en

Annex

Titles and summaries of the draft Recommendations adopted by Radiocommunication Study Group 6

Draft new Recommendation ITU-R BT.[CARE] Doc. 6/19(Rev.1)

A framework for content-adaptive methods for reduction of energy consumption in television displays

Television displays consume a relatively large part of the total energy consumed in the end-to-end of a broadcasting chain from production of programmes to final viewing by consumers. The energy consumption by television displays may be mitigated by content-adaptive methods without unduly impacting visual quality. This Recommendation defines a framework for such techniques.

Draft new Recommendation ITU-R BS.[ADM-NGA-EMISSION] Doc. 6/35(Rev.1)

Audio definition model and serial representation of audio definition model profile for advanced sound systems emission

This Recommendation specifies requirements, recommendations, and constraints for the use of ADM (Recommendation ITU-R BS.2076) and S-ADM (Recommendation ITU-R BS.2125) metadata. This emission profile is intended for use with audio coding systems for advanced sound system (AdvSS) emission.

Draft revision of Recommendation ITU-R BT.1666 Doc. 6/23

User requirements for ~~large screen digital imagery[1]~~ television applications intended for presentation in a theatrical environment

This revision generalizes the recommendation to television applications rather than a narrow focus on large screen digital imagery (LSDI).

– Change all instances of “LSDI” to “television”

– Remove all references to LSDI as an application

– Add references to ultra-high definition television (UHDTV), and high dynamic range television (HDR-TV).

~~[1] Large screen digital imagery (LSDI) is a family of digital imagery systems applicable to programmes such as dramas, plays, sporting events, concerts, cultural events, etc. from capture to large screen presentation in high-resolution quality in appropriately equipped cinema theatres, halls and other venues.~~

Draft revision of Recommendation ITU-R BT.1662 Doc. 6/24

General reference chain and management of post-processing headroom for programme essence in television ~~large screen digital imagery[1]~~ applications

This revision generalizes the recommendation to television applications rather than a narrow focus on large screen digital imagery (LSDI).

– Change all instances of “LSDI” to “television”.

– Remove all references to LSDI as an application.

– Add references to ultra-high definition television (UHDTV), and high dynamic range television (HDR-TV).

– Remove reference to MPEG-2 as an example of compression.

– Editorial change from “broadcasting services” to “broadcasting service applications”.

Draft revision of Recommendation ITU-R BS.2076-2 Doc. 6/36(Rev.1)

Audio Definition Model

This revision contains edits and additional text to clarify the specification, including text to align to the new Recommendation ITU-R BS.[ADM-NGA-EMISSION]. New element profileList is added to align with Recommendation ITU-R BS.2151 and allows the new Recommendation ITU-R BS.[ADM-NGA-EMISSION] to be identified with ADM metadata. An additional element tagList has been added that can be used by broadcasters to specify their unique workflow details. Annex 3 provides a detailed list of revisions from the current version.

Draft revision of Recommendation ITU-R BS.2094-1 Doc. 6/37

Common definitions for the Audio Definition Model

This revision to Recommendation ITU-R BS.2094-1 aligns common definitions of Low Frequency Effects to other ITU-R Recommendations and adds common definitions of audioChannelFormat and audioPackFormat for “DirectSpeakers” with both polar and Cartesian coordinate systems.

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~~[1] Large screen digital imagery (LSDI) is a family of digital imagery systems applicable to programmes such as dramas, plays, sporting events, concerts, cultural events, etc., from capture to large screen presentation in high resolution quality in appropriately equipped cinema theatres, halls and other venues.~~