



Radiocommunication Bureau (BR)

Administrative Circular
CACE/961

29 October 2020

**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 2 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 16 October 2020, the Study Group decided to seek adoption of 2 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 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 29 December 2020. 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 [6/72](#), [6/77](#), [6/58](#), [6/71](#), [6/74](#), [6/78](#), [6/81](#) and [6/84](#)

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 BT.[MCDTTCALC]

Doc. 6/72

Assessing interference into Digital Terrestrial Television Broadcasting from other services by means of Monte Carlo Simulation

This Recommendation defines the methodology to be used to assess interference into Digital Terrestrial Television Broadcasting (DTTB) from other services, when Monte Carlo simulation is employed. It also provides guidance on how the results of such Monte Carlo simulation can be interpreted against guideline protection criteria given in Recommendation ITU-R BT.1895.

Draft new Recommendation ITU-R BT.[IP-IF-PROFILES]

Doc. 6/77

Technologies applicable to Internet Protocol (IP) interfaces for programme production

Programme production using a managed IP network makes use of technologies from various areas such as media transport, signalling, synchronization, and codecs. This Recommendation provides guidance on choosing technologies applicable to real-time programme production using IP-based interfaces on a managed network.

This Recommendation is aimed at broadcasters and system integrators who need to define and design their requirements for a live IP infrastructure. In addition, the document provides the industry with a clear understanding of what users expect from mature IP studio equipment.

Draft revision Recommendation ITU-R BT.2111-1

Doc. 6/58

Specification of colour bar test pattern for high dynamic range television systems

The signal levels of BT.709-equivalent colour bars within the Recommendation [ITU-R BT.2111](#) test pattern have been calculated with scene-referred direct mapping, in which case these colour bars would be expected to land on the BT.709 colour targets on a vectorscope after the inverse scene-referred conversion to BT.709, i.e., without tone-mapping. However, the BT.709-equivalent colour bars land on slightly different positions when “display-referred conversion” is used.

For the information of users of the HDR colour bars, a new informative attachment is added which gives actual results for both scene-referred and display-referred conversion in order to avoid possible misunderstanding when making measurements.

Draft revision Recommendation ITU-R BT.1877-2

Doc. 6/71

Error-correction, data framing, modulation and emission methods and selection guidance for second generation digital terrestrial television broadcasting systems

This revision includes an alternative system selection guideline that meets the *further recommends* in the current Recommendation ITU-R BT.1877-2. It is intended to replace Annex 4 of the Recommendation. With this change, the *further recommends* is fulfilled and should be deleted. The attachment includes also the proposed deletion of this further recommends.

Draft revision Recommendation ITU-R BT.2016-1

Doc. 6/74

Error-correction, data framing, modulation and emission methods for terrestrial multimedia broadcasting for mobile reception using handheld receivers in VHF/UHF bands

Addition of new column with new Multimedia System R (RAVIS) to the Tables 1 and 2. Addition of new Attachment 6 with short description of Multimedia System R (RAVIS) and bibliography.

Draft revision Recommendation ITU-R BT.2073-0

Doc. 6/78

Use of high efficiency video coding (HEVC) ~~standard~~ for UHDTV and HDTV broadcasting

HEVC is considered as a basic compression method for UHDTV systems. As a part of the HEVC specifications, the HDR mode (named as extended dynamic range) is included in Recommendation ITU-T H.265 with relevant service information fields.

Taking into account the above, it is proposed to include relevant HEVC information on HDR-TV in Recommendation ITU-R BT.2073-0.

Draft revision Recommendation ITU-R BT.2075-2

Doc. 6/81

Integrated broadcast-broadband system

This revision of Recommendation ITU-R BT.2075 updates the description of the companion device capabilities in the Hybridcast system to tune a broadcast channel and to execute an application on a receiver.

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

This revision is to incorporate the following changes:

Addition of Scope and Keywords text.

- Modification of the Recommends parts clarifying which system parameters are defined in each annex.
 - Editorial update to change Appendices to Attachments.
 - Revision to Annex 3 and creation of Annex 4 of IBOC system to account for detailed analysis and more complete information. These two annexes were reorganized to align with the existing structure of DRM contribution. Annex 3 now provides minimum field strength definitions for the IBOC system. The newly created Annex 4 provides improved content for protection ratios of the IBOC system.
 - Update Figure and table references as needed
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