



Radiocommunication Bureau (BR)

Administrative Circular
CACE/769

3 May 2016

**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 approval of 1 draft new ITU-R Recommendation and 1 draft revised ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 6 held on 5 February 2016, the Study Group decided to seek adoption of 1 draft new ITU-R Recommendation and 1 draft revised ITU-R Recommendation by correspondence, in accordance with § A2.6.2.2.3 of Resolution ITU-R 1-7. The Recommendations have now been adopted by Study Group 6 and the approval procedure of Resolution ITU-R 1-7 § A2.6.2.3 is to be applied. The titles and the summaries of the draft Recommendations are given in the Annex to this letter. Any Member State who objects to the approval of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

As stated in Administrative Circular CACE/767, dated 25 February 2016, the consultation period for the adoption of the Recommendations ended on 25 April 2016.

Having regard to the provisions of § A2.6.2.3 of Resolution ITU-R 1-7, Member States are requested to inform the Secretariat (brsgd@itu.int) by 4 July 2016, 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>.



François Rancy
Director

Annex: - Titles and summaries of the draft Recommendations
Documents [6/39\(Rev.2\)](#), [6/20\(Rev.1\)](#)

These documents are available in electronic format at: <http://www.itu.int/rec/R-REC-BT/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 adopted by Radiocommunication Study Group 6

Draft new Recommendation ITU-R BT.[HDR-TV]

Doc. 6/39(Rev.2)

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

This Recommendation documents two methods of representing HDR-TV signals for use in broadcasting. The Perceptual Quantization (PQ) specification achieves a very wide range of brightness levels for a given bit depth using a non-linear transfer function that is finely tuned to match the human visual system. The Hybrid Log-Gamma (HLG) specification offers a degree of compatibility with legacy displays by more closely matching the previously established television transfer curves.

The draft new Recommendation seeks to achieve as much commonality as possible between the signal formats of the two methods, while allowing producers freedom to adopt an approach that best suits their particular circumstances and requirements. Conversion between the two signal formats is described.

Draft revision of Recommendation ITU-R BT.2036-0

Doc. 6/20(Rev.1)

Characteristics of a reference receiving system for frequency planning of digital terrestrial television systems

This revision to Annex 2 of Recommendation ITU-R BT.2036 proposes to add characteristics of the adjacent channel selectivity thresholds in the ATSC receiving system with respect to the presence of interferers on multiple adjacent channels.
