INTERNATIONAL TELECOMMUNICATION UNION

Radiocommunication Bureau
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Administrative Circular
CAR/276

18 June 2009

To Administrations of Member States of the ITU

Subject: **Radiocommunication Study Group 6**

– **Proposed adoption of 1 draft new Recommendation and 5 draft revised Recommendations and their simultaneous approval by correspondence in accordance with § 10.3 of Resolution ITU-R 1-5 (Procedure for the simultaneous adoption and approval by correspondence)**

– **Proposed suppression of 2 Recommendations**

At the meeting of Radiocommunication Study Group 6, held on 7 and 8 May 2009, the Study Group decided to seek adoption of 1 draft new Recommendation and 5 draft revised Recommendations by correspondence (§ 10.2.3 of Resolution ITU-R 1-5) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA), (§ 10.3 of Resolution ITU-R 1-5). The titles and summaries of the draft Recommendations are given in Annex 1. Furthermore, the Study Group proposed the suppression of 2 Recommendations which are listed in Annex 2.

The consideration period shall extend for 3 months ending on 18 September 2009. 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. However, if any objection is received from a Member State during the consideration period, the procedures given in § 10.2.1.2 of Resolution ITU-R 1-5 shall apply.

After the above-mentioned deadline, the results of the PSAA procedure shall be announced in an Administrative Circular (CACE) and the approved Recommendations published as soon as practicable.

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Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendation(s) 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/ITU-T/dbase/patent/patent-policy.html.

Valery Timofeev
Director, Radiocommunication Bureau

Annex 1: Titles and summaries of the draft Recommendations

Annex 2: List of Recommendations proposed for suppression

Documents attached: Documents 6/139(Rev.1), 6/145(Rev.1), 6/146(Rev.1), 6/150(Rev.1), 6/157(Rev.1) and 6/158(Rev.1) on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Radiommunication Sector Members participating in the work of Radiocommunication Study Group 6
- ITU-R Associates participating in the work of Radiocommunication Study Group 6

Annex 1

Titles and summaries of the draft Recommendations

Draft new Recommendation ITU-R BT.[DCAS] Doc. 6/139(Rev.1)

Conditional-access systems for digital broadcasting

The principles described in this Annex should facilitate the development of effective conditional-access systems for MPEG-2 transport stream based digital broadcasting that are convenient for both subscribers and service providers, assuring reliable protection of information from unauthorized access.

The principles apply generally to the delivery of digital television services, sound services as well as multimedia and data broadcasting services. They apply to MPEG-2 transport stream packet delivery to consumers over different media, such as digital terrestrial, digital cable, digital satellite, IP (Internet Protocol) broadcasting.

Draft revision of Recommendation ITU-R BT.1699 Doc. 6/145(Rev.1)

Harmonization of declarative application formats for interactive TV

This revision includes additional media types in its common core and following new features; intermediate format for declarative application format translation and framework to bind content authored in multiple formats into single content. The Worldwide Television Markup Language (wTVML, see Annex 6) and the Nested Context Language (NCL, see Annex 7) are employed as the intermediate format and the framework respectively. Alignment with the latest version of ARIB STD-B24 that is one of the source standards for common core extraction is also included.

Draft revision of Recommendation ITU-R BT.1306-3 Doc. 6/146(Rev.1)

Error-correction, data framing, modulation and emission methods for digital terrestrial television broadcasting

This Recommendation defines error-correction, data framing, modulation and emission methods for the existing digital terrestrial television broadcasting systems. It should be noted that Study Group 6 (WP 6A) is developing Recommendation ITU-R [DTTB2ND] that defines the families of error correction, framing, modulation and emission methods for the future digital terrestrial television broadcasting systems.

Draft revision of Recommendation ITU-R BT.500-11 Doc. 6/150(Rev.1)

Methodology for the subjective assessment of the quality of television pictures

After considering the improvements proposed in the new text of ITU-T Recommendation P.910 to the ACR method, a revision of Recommendation ITU-R BT.500-11 is proposed.

Draft revision of Recommendation ITU-R BT.1691 Doc. 6/157(Rev.1)

Adaptive image quality control in digital television systems

The Recommendation specifies the use in digital adaptive TV systems of methods of global optimization of image quality. It is defined that needed information on the characteristics of the transmitted image, on viewing conditions, on transmission conditions, etc. should be inserted in a defined location in the bit stream. In the case of object-based image presentation, it is defined that metadata should desirably carry parameters related to the specific object capturing, processing, transmission, etc.

Draft revision of Recommendation ITU-R BT.1692 Doc. 6/158(Rev.1)

Optimization of the quality of colour reproduction in digital television

The Recommendation defines that technical solutions for colour-adaptive digital TV systems should be based on use of colour appearance models built with consideration of the adaptation of the human visual system to viewing conditions (possibly different) at both ends of the light-to-light TV path. It is defined that in the case of object–based image presentation, metadata should desirably carry parameters related to the specific object capturing, processing, transmission, etc.

Annex 2

List of Recommendations proposed for suppression

Recommendation ITU-R	Title
BR.657	Digital television tape recording
BT.1360	Capture characteristics for high-definition images