



Radiocommunication Bureau

(Direct Fax N°. +41 22 730 57 85)

**Circular Letter
6/LCCE/68**

18 December 2009

**To Administrations of Member States of the ITU
and Radiocommunication Sector Members participating in the
work of Radiocommunication Study Group 6**

Subject: Radiocommunication Study Group 6

– Proposed adoption by correspondence of 1 draft new Recommendation

At the meeting of Radiocommunication Study Group 6, held on 16 and 17 November 2009, the Study Group decided to seek adoption of 1 draft new Recommendation according to § 10.2.3 of Resolution ITU-R 1-5 (Adoption by a Study Group by correspondence). The title and summary of the Recommendation are given in the Annex.

The consideration period shall extend for two months ending on 18 February 2010. If no objections are received from Member States during this period, the approval by consultation procedure of § 10.4.5 of Resolution ITU-R 1-5 will be initiated. However, any Member State who objects to the continuation of the approval procedure for the draft Recommendation is requested to advise the Director of the reason and to indicate possible changes to the text in order to resolve the problem.

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: Title and summary of the draft Recommendation

Document attached: Document 6/192(Rev.1) on CD-ROM

Distribution:

- Administrations of Member States 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
- Chairman and Vice-Chairmen of Radiocommunication Study Group 6
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

Annex

Title and summary of the draft Recommendation

Draft new Recommendation ITU-R BT.[DTTB2ND]

Doc. 6/192(Rev.1)

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

This Recommendation defines error-correction, data framing, modulation and emission methods for the second generation of digital terrestrial television broadcasting transmission systems¹ (referred to, outside ITU-R, as a DVT-T2 system). These systems have been developed such that they are compatible with the provisions of the GE06 Agreement. This Recommendation is intended for the digital terrestrial broadcasting transmission system, when high flexibility in the system configuration and broadcasting interactivity is of importance allowing for a wide-ranging trade-off between operation under minimal C/N levels or maximum transmission capacity².

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- ¹ The second generation of digital terrestrial television broadcasting transmission systems in this Recommendation is meant as systems offering higher bit rate capacity per Hz and better power efficiency in comparison to the systems described in Recommendation ITU-R BT.1306 and there is no general requirement for backward compatibility with first generation systems.
 - ² For the first generation systems information on planning parameters, protection ratios etc. is already contained in relevant ITU-R Recommendations. For the second generation systems, there is a need to study and include such information in the relevant ITU-R Recommendations.