



Radiocommunication Bureau

(Direct Fax N°. +41 22 730 57 85)

Circular Letter
5/LCCE/5

14 May 2008

**To Administrations of Member States of the ITU
and Radiocommunication Sector Members participating in the
work of Radiocommunication Study Group 5**

Subject: Radiocommunication Study Group 5
– **Proposed adoption by correspondence of 1 draft revised Recommendation**

At the meeting of Radiocommunication Study Group 5, held on 18 and 19 February 2008, the Study Group decided to seek adoption of 1 draft revised 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 Annex 1.

The consideration period shall extend for two months ending on 14 July 2008. 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

Document attached: Document 5/20(Rev.1), on CD-ROM

Distribution:

- Administrations of Member States and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 5
- ITU-R Associates participating in the work of Radiocommunication Study Group 5
- Chairman and Vice-Chairmen of Radiocommunication Study Group 5
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

Annex 1

Title and summary of the draft revised Recommendation

Draft revision of Recommendation ITU-R M.1457-7

Doc. 5/20(Rev.1)

Detailed specifications of the radio interfaces of International Mobile Telecommunications-2000 (IMT-2000)

Summary of the revision

This modification of Recommendation ITU-R M.1457 is intended to keep the specified technologies of the terrestrial component of IMT-2000 up to date. The main changes include the addition of enhanced capabilities for some of the radio interfaces, and some consequential changes to the overview sections of the text, as well as to the global core specifications for radio access.

In accordance with the established procedure for updating this Recommendation, the SDO's information in § 5.x.2 contains only titles and synopsis; the complete information (Document No., Version, Status, Issued date and Location) will be submitted by 31 October 2008 and included in tables for each subsection of § 5.x.2 as an editorial action in the final text when it is sent out for approval.

Modifications

The modifications are as follows:

- **IMT-2000 CDMA Direct Spread and IMT-2000 CDMA TDD (Sections 5.1 & 5.3)**

The main purpose of this update is to align Recommendation ITU-R M.1457 to the most updated versions of the specifications of IMT-2000 CDMA DS and IMT-2000 CDMA TDD, including in particular further development of Enhanced UTRAN (E-UTRAN). Sections 5.1.1 and 5.3.1 were reviewed and some amendments proposed in order to ensure full consistency.

- **IMT-2000 TDMA Single-Carrier (Section 5.4)**

This proposed update to TDMA-SC is a product of the new developments of the latest Release 7 GSM/EDGE Radio Access Network (GERAN) specifications containing enhanced GPRS phase 2 which provides the additional features:

 - Increased symbol rate and higher order modulation improvements in uplink and downlink.
 - Receiver diversity.
 - Dual Carrier configuration.
 - Latency reductions.
 - Generic Access Network improvements.
 - Conversational services over A/Gb interface.
 - Location services improvements including support for both satellite positioning systems.

- IMT-2000 CDMA Multi-Carrier, IMT-2000 FDMA/TDMA, and IMT-2000 OFDMA TDD WMAN (Sections 5.2, 5.5, and 5.6)
No change.
 - Annex 1: the abbreviation table has been updated.
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