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**Administrative Circular  
CAR/269**

19 February 2009

## **To Administrations of Member States of the ITU**

**Subject: Radiocommunication Study Group 5**

**– Proposed approval of 1 draft revised Recommendation**

At the meeting of ITU-R Study Group 5 (Terrestrial services) held on 18 and 19 February 2008, the Study Group decided to seek adoption of 1 draft revised Recommendation by correspondence, according to § 10.2.3 of Resolution ITU-R 1-5.

As stated in Circular Letter 5/LCCE/5, dated 14 May 2008, the consultation period for the Recommendation ended on 14 July 2008.

The Recommendation has now been adopted by Study Group 5 and the approval procedure of Resolution ITU-R 1-5 § 10.4.5 is to be applied. The title and summary of the Recommendation are given in Annex 1.

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-5, you are requested to inform the Secretariat ([brsgd@itu.int](mailto:brsgd@itu.int)) by 19 May 2009 whether your Administration approves or does not approve this draft Recommendation.

A Member State who indicates that a draft Recommendation should not be approved is requested to advise the Secretariat of the reason and to indicate possible changes in order to facilitate further consideration by the Study Group during the study period (§ 10.4.5.5 of Resolution ITU-R 1-5).

After the above-mentioned deadline, the results of this consultation will be notified in an Administrative Circular and arrangements made for the approved Recommendation to be published in accordance with § 10.4.7 of Resolution ITU-R 1-5.

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/BL/1 on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 5
- ITU-R Associates participating in the work of Radiocommunication Study Group 5

## ANNEX 1

### **Title and summary of the draft Recommendation adopted by Radiocommunication Study Group 5**

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

Doc. 5/BL/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.

#### **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.