



Radiocommunication Bureau (BR)

Administrative Circular
CACE/794

9 December 2016

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

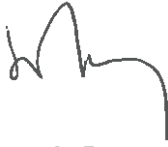
Subject: **Radiocommunication Study Group 5 (Terrestrial services)**
– **Proposed approval of 1 draft new ITU-R Recommendation and 3 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 5 held on 21 and 22 November 2016, the Study Group adopted the texts of 1 draft new ITU-R Recommendation and 3 draft revised ITU-R Recommendations and agreed to apply the procedure of Resolution ITU-R 1-7 (see § A2.6.2.3) for approval of Recommendations by consultation. The titles and 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.

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 9 February 2017, 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: Documents 5/18(Rev.1), 5/20(Rev.1), 5/21(Rev.1), 5/22(Rev.1)

These documents are available in electronic format at: <http://www.itu.int/md/R15-SG05-C/en>

Distribution:

- Administrations of Member States of the ITU 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
- 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 5

Draft new Recommendation ITU-R M.[IMT.MODEL]

Doc. 5/22(Rev.1)

Modelling and simulation of IMT networks for use in sharing and compatibility studies

This Recommendation contains the methodology for modelling and simulation of IMT networks for use in sharing and compatibility studies between IMT and other systems and/or applications. As such, it does not make any assumptions on the system parameters or modelling of these other systems and/or applications and is strictly limited to providing information for the IMT systems.

Draft revision of Recommendation ITU-R M.1457-12

Doc. 5/18(Rev.1)

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

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 CDMA DS, CDMA MC, CDMA TDD, TDMA SC and FDMA/TDMA RITs, and some consequential changes to the overview sections of the text, as well as to the Global Core Specifications. Also the transposition references have been updated in Sections 5.1, 5.2, 5.3, 5.4 and also 5.5. OFDMA TDD WMAN RIT has no update and section 5.6 remains the same as Revision 12.

It was observed that Revision 12 of Recommendation ITU-R M.1457 became a very large and complicated document such that the revision process had become somewhat burdensome in the external organizations, as well as in the BR. As a result, WP 5D considered streamlining the information contained in Recommendation ITU-R M.1457 starting with this Revision. This streamlining consists of not carrying forward the old information for previous releases beyond a certain point. This approach was liaised to external organizations in the beginning of developing Revision 13 update, input contribution from GCS Proponents of CDMA DS and CDMA TDD proposed, which was also supported by the TDMA SC GCS proponent, to add the text "Only the specifications listed below are relevant to this Recommendation. For releases prior to Release 8, see Recommendation ITU-R M.1457-12." in sections 5.1.2 and 5.3.2. This proposal was agreed in WP 5D and reflected in those sections.

From this update, a new SDO (TSDSI) is added as authorized Transposing Organizations for sections 5.1.2 and 5.3.2 (CDMA DS and CDMA TDD).

The Transposing Organization for section 5.4.2 (TDMA SC) becomes ATIS only.

Generic unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT-Advanced

This revision makes the following changes:

- Material from 3GPP has been incorporated (Documents [5D/35](#), [5D/204](#), [5D/275](#)) to reflect the latest version of 3GPP TS 36.101 Release-11 and 12 (e.g. spurious emissions limits of LTE-Advanced mobile terminals operating in band class 28).
- Relevant tables within Recommendations ITU-R M.2070 and ITU-R M.2071 have been extended to incorporate latest developments regarding carrier-aggregation (CA).
- Both Recommendations have been reviewed with respect to frequency bands “which are not identified for IMT in the ITU Radio Regulations” contained in these Recommendations and the corresponding entries were updated, taking also into account WRC-15 results as well as new CA-combinations.

Generic unwanted emission characteristics of mobile stations using the terrestrial radio interfaces of IMT-Advanced

This revision makes the following changes:

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