



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/926**

19 September 2019

**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 6 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 5 held from 2 to 3 September 2019, the Study Group adopted the texts of 6 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](mailto:brsgd@itu.int)) by 19 November 2019, 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>.



Mario Maniewicz  
Director

**Annex:** Titles and summaries of the draft Recommendations

**Documents:** Documents [5/170\(Rev.1\)](#), [5/139](#), [5/140\(Rev.1\)](#), [5/142](#), [5/149\(Rev.1\)](#), [5/145\(Rev.1\)](#)

These documents are available in electronic format at:

<https://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 revision of Recommendation ITU-R M.2012-3

Doc. 5/170(Rev.1)

#### **Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced)**

This modification of Recommendation ITU-R M.2012 is intended to keep the specified technologies of the terrestrial component of IMT-Advanced up to date. The main changes include the addition of enhanced capabilities for LTE-Advanced SRIT (Set of Radio Interface Technologies), 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 Annex 1. WirelessMAN-Advanced RIT (Radio Interface Technology) has no update and Annex 2 remains the same as previous Revision.

From this update, a new SDO (TSDSI) is added to GCS Proponent and Transposing Organizations for Annex 1 (LTE-Advanced).

Draft revision of Recommendation ITU-R M.1746-0

Doc. 5/139

#### **Harmonized frequency channel plans for the protection of property using data communication**

Since Recommendation ITU-R M.1746 was published in 2006, some of the documents referenced in the recommendation have been revised or suppressed. This revision updates material in the recommendation to align the text with the in-force documents and to provide editorial improvements to conform with the mandatory common format for ITU-R Recommendations.

Draft revision of Recommendation ITU-R M.1826-0

Doc. 5/140(Rev.1)

#### **Harmonized frequency channel plan for broadband public protection and disaster relief operations at 4 940-4 990 MHz in Regions 2 and 3**

Since Recommendation ITU-R M.1826 was published in 2007, some of the references cited in the Recommendation have been revised or suppressed. This revision updates material in the Recommendation to align the text with the in-force documents and to provide editorial improvements to conform with the mandatory common format for ITU-R Recommendations. In addition, wider channel bandwidths and arrangements have been introduced in the two Annexes referred to by *recommends* 3 to reflect developments in technologies.

**Technical and operational characteristics of conventional and trunked land mobile systems operating in the mobile service allocations below 869 MHz to be used in sharing studies**

Keywords and abbreviations/glossary have been added based on the BR guidance on the format of ITU-R Recommendations. Furthermore, parts of the *noting* section that reference published ITU Recommendations and Reports have been moved to a dedicated section in the preamble for the same reason. Finally, technical and operational characteristics in Annex 1 were updated for some systems and some new systems were added to reflect technological developments since this Recommendation was first developed in 2007. The tables in Annex 1 were also separated into multiple tables to improve the structure and readability of the information.

**Radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure communications for Intelligent Transport System applications**

This Recommendation identifies specific radio interface standards of vehicle-to-vehicle and vehicle-to-infrastructure (which includes communications between vehicle and infrastructure) communications for Intelligent Transport System applications. The technical characteristics described in this Recommendation have been revised and based on current Intelligent Transport Systems (ITS) applications in the mobile service.

**System parameters and considerations in the development of criteria for sharing or compatibility between digital fixed wireless systems in the fixed service and systems in other services and other sources of interference**

Technical characteristics of FS systems in the Tables 6 to 13 are updated/added. Editorial changes were made throughout the document to improve readability and clarity of the document.

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