Radiocommunication Bureau (BR)

Administrative Circular
CACE/879

30 November 2018

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 adoption of 3 draft new ITU-R Recommendations and 9 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-7 (Procedure for the simultaneous adoption and approval by correspondence)**

At the meeting of Radiocommunication Study Group 5, held on 19 November 2018, the Study Group decided to seek adoption of 3 draft new ITU-R Recommendations and 9 draft revised ITU-R Recommendations by correspondence (§ A2.6.2 of Resolution ITU-R 1-7) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA, § A2.6.2.4 of Resolution ITU-R 1-7). The titles and summaries of the draft Recommendations are given in the Annex to this letter. Any Member State who objects to the adoption of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

The consideration period shall extend for 2 months ending on 30 January 2019. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 5. Furthermore, since the PSAA procedure has been followed, the draft Recommendations shall also be considered as approved.

After the above-mentioned deadline, the results of the above procedures 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 5/104, 5/105, 5/106, 5/107, 5/108, 5/109, 5/110, 5/112, 5/113, 5/120, 5/122, 5/126

These documents are available in electronic format at: https://www.itu.int/md/R15-sg05-C/.

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

Draft new Recommendation ITU-R M.[AMS_21.2-22 GHz] Doc. 5/110

Technical characteristics and protection criteria for aeronautical mobile systems operating in the mobile service in the frequency range 21.2-22 GHz

This Recommendation provides information on the technical characteristics and protection criteria for systems operating in the aeronautical mobile service (AMS), planned to or currently operating in the frequency range 21.2-22 GHz for use in sharing and compatibility studies as needed.

Draft new Recommendation ITU-R M.[ITS_FRQ] Doc. 5/120

Harmonization of frequency bands for Intelligent Transport Systems in the mobile service

This Recommendation provides guidance on harmonized frequency bands to be used by intelligent transport systems (ITS) and encourages administrations to use harmonized frequency bands for ITS applications.

Draft new Recommendation ITU-R M.[AMT-CHAR-5GHz] Doc. 5/126

Technical and operational characteristics for aeronautical mobile service systems limited to aircraft transmissions of aeronautical mobile telemetry for flight testing in the band 5 150-5 250 MHz in Region 1 and in Brazil in accordance with RR No. 5.446C

This Recommendation provides technical and operational characteristics for aeronautical mobile telemetry (AMT) operated in countries of Region 1 (except in Algeria, Saudi Arabia, Bahrain, Egypt, United Arab Emirates, Jordan, Kuwait, Lebanon, Morocco, Oman, Qatar, Syrian Arab Republic, Sudan, South Sudan and Tunisia) and in Brazil in the frequency range 5 150 – 5 250 MHz in accordance with RR No. **5.446C** which recognizes an allocation to the aeronautical mobile service on a primary basis, limited to aeronautical telemetry transmissions from aircraft stations.

Draft revision of Recommendation ITU-R M.1637-0 Doc. 5/104

Global cross-border circulation of radiocommunication equipment in emergency and disaster relief situations

Since Recommendation ITU-R M.1637 was published in 2003, many 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 documents in force and to provide additional editorial improvements. No revisions have been made to the operative section of the Recommendation, i.e., the *recommends*.

Draft revision of Recommendation ITU-R M.2009-1 Doc. 5/105

Radio interface standards for use by public protection and disaster relief operations in some parts of the UHF band in accordance with Resolution 646 (Rev.WRC-12)

Consequential to decisions made at WRC-15, 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 documents in force and to provide editorial improvements to conform with the mandatory common format for ITU-R Recommendations.

Draft revision of Recommendation ITU-R F.1336-4 Doc. 5/106

Reference radiation patterns of omnidirectional, sectoral and other antennas for the fixed and mobile services for use in sharing studies in the frequency range from 400 MHz to about 70 GHz

This revision consists of changes to Annex 1 by adding a new radiation pattern, a review of the existing text with the insertion of a clarifying note, and other editorial amendments to clarify the units of the equations.

Draft revision of Recommendation ITU-R F.1245-2 Doc. 5/107

Mathematical model of average and related radiation patterns for line-of-sight point-to-point fixed wireless system antennas for use in certain coordination studies and interference assessment in the frequency range from 1 GHz to about 70 GHz

This revision consists in extending the applicable frequency range of this Recommendation up to 86 GHz from 70 GHz. In addition for the additional frequencies the value where the roll off in the sidelobe ends was changed from 48 degrees to 120 degrees, thereby lowering by 10 dB the 'floor' antenna gain values. The revision also includes comparison of the equations to real antenna pattern and cross-polarization standard to measurement.

Draft revision of Recommendation ITU-R M.1462-0 Doc. 5/108

Characteristics of and protection criteria for radars operating in the radiolocation service in the frequency range 420-450 MHz

The proposed revisions include technical characteristics of two additional ground-based radar systems and one additional airborne radar system. Outdated *considerings* were removed or updated, and *recognizing* and *noting* sections were added.

Draft revision of Recommendation ITU-R M.1849-1 Doc. 5/109

Technical and operational aspects of ground-based meteorological radars

This revision is to include additional technical characteristics of ground-based meteorological radars.

Draft revision of Recommendation ITU-R M.493-14 Doc. 5/112

Digital selective-calling system for use in the maritime mobile service

This revision includes deletion of Class B because there is no demand in the market to support such equipment and the scope of application was requested by the administrations.

Harmonization of Shipborne audible alarms for VHF, MF and MF/HF equipment. Modifications of the available procedures for the operations with Class M test calls and acknowledgement and the modification of the functionality of Class E equipment.

Modification of the Handling acknowledgments within the automated procedures.

Draft revision of Recommendation ITU-R M.2010-0 Doc. 5/113

Characteristics of a digital system, named Navigational Data for broadcasting maritime safety and security related information from shore-to-ship in the 500 kHz band

The proposed modifications update and complement the technical characteristics of the NAVDAT system in MF.

Annexes 1, 2 and 3 are modified.

Annex 4, Transmitting structure is added.

Annex 5, Message files structure, is added.

Annex 6 replaces the old Annex 4 for Single frequency network.

Draft revision of Recommendation ITU-R M.1890-0 Doc. 5/122

Intelligent Transport Systems – Guidelines and objectives

This revision is to include operational radiocommunication objectives and requirements for advanced intelligent transport systems (ITS). Amendments to the title and structure of the Recommendation have been made as well to align with the mandatory format for new and revised Recommendations.

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