Radiocommunication Bureau (BR)

Administrative Circular
CACE/648

18 December 2013

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

Subject: **Radiocommunication Study Group 5 (Terrestrial services)**

– **Proposed adoption of 2 draft new ITU-R Recommendations and 7 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § 10.3 of Resolution ITU-R 1-6 (Procedure for the simultaneous adoption and approval by correspondence)**

At the meeting of Radiocommunication Study Group 5, held from 2 to 3 December 2013, the Study Group decided to seek adoption of 2 draft new ITU-R Recommendations and 7 draft revised ITU-R Recommendations by correspondence (§ 10.2.3 of Resolution ITU-R 1-6) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA), (§ 10.3 of Resolution ITU-R 1-6). The titles and summaries of the draft Recommendations are given in the Annex to this letter.

The consideration period shall extend for 2 months ending on 18 February 2014. 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.

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.

After the above-mentioned deadline, the results of the PSAA procedure 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).

International Telecommunication Union • Place des Nations • CH-1211 Geneva 20 • Switzerland
Tel: +41 22 730 5111 • Fax: +41 22 733 7256 • E-mail: itumail@itu.int • www.itu.int •

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/en/ITU-T/ipr/Pages/policy.aspx.

François Rancy
Director

Annex : Titles and summaries of the draft Recommendations

Documents: Documents 5/71(Rev.1), 5/73(Rev.1), 5/74(Rev.1), 5/78(Rev.1), 5/81(Rev.1), 5/83(Rev.1), 5/85(Rev.1), 5/86(Rev.1) and 5/90(Rev.1)

These documents are available in electronic format at: http://www.itu.int/md/R12-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
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and the Special Committee on Regulatory/Procedural Matters
- 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.[AUTO] Doc. 5/73(Rev.1)

Systems characteristics of automotive radars operating in the frequency band 76-81 GHz for intelligent transport systems applications

This Recommendation specifies the system characteristics of automotive radars operating under the radiolocation service in the frequency band 76-81 GHz. These technical and operational characteristics should be used in compatibility studies between automotive radars operating in the radiolocation service and systems operating in other services.

Draft new Recommendation ITU-R M.[NAVDAT-HF] Doc. 5/83(Rev.1)

Characteristics of a digital system, named navigational data for broadcasting maritime safety and security related information from shore-to-ship in the maritime HF frequency band

This Recommendation describes an HF radio system, named Navigational Data HF (NAVDAT HF), for use in the maritime mobile service, operating in the frequency bands of Appendix **17** for digital broadcasting of maritime safety and security related information from shore-to-ship. The operational characteristics and system architecture of this radio system are included in Annexes 1 and 2. The two different modes of broadcasting data are detailed in Annexes 3 and 4. The NAVDAT HF is complementary to the NAVDAT 500 kHz, described in Recommendation ITU-R M.2010 in terms of radio coverage.

Draft revision of Recommendation ITU-R F.1763-0 Doc. 5/71(Rev.1)

Radio interface standards for broadband wireless access systems in the fixed service operating below 66 GHz

In this draft revision, references have been added to relevant ITU-R Recommendations that have been developed since the publication of Recommendation ITU-R F.1763. As a consequence, the Annexes have been removed to reflect the fact that those standards have been incorporated into the ITU-R Recommendations that are now referenced in this draft revision of the Recommendation.

Draft revision of Recommendation ITU-R M.2008-0 Doc. 5/74(Rev.1)

Characteristics and protection criteria for radars operating in the aeronautical radionavigation service in the frequency band 13.25-13.40 GHz

This revision includes:

1) additional parameters of a new ARNS sense and avoid radar, as shown in Table 2;
2) changes to the format of Tables 1 and 2 for consistency with other ITU-R Recommendations.

The revision also brings this Recommendation in line with the new format.

Draft revision of Recommendation ITU-R M.1371-4 Doc. 5/78(Rev.1)

Technical characteristics for an automatic identification system using time division multiple access in the VHF maritime mobile band

This revision provides:

– consistency in reference to message 27, including amending text references to “base station coverage area”;
– consistency in reference to AIS stations (amended “unit” or “transponder” to read “station”);
– amended “msg” to read “message”;
– amended 61162 references to be generic (i.e. removed reference of 61162-1, to read 61162);
– the addition of two tables for Messages 25 and 26 to IFM 0 in Annex 5 required updated table numbers from Table 27 and up (now Table 29 and up);
– Annex 10 suppressed, content transferred to the main body of the Recommendation.

Draft revision of Recommendation ITU-R M.1796-1 Doc. 5/81(Rev.1)

Characteristics of and protection criteria for terrestrial radars operating in the radiodetermination service in the frequency band 8 500-10 680 MHz

In this revision the characteristics of 2 existing radars have been updated. Weather radars were removed and new radars were added. The Recommendation has also been reformatted to be in line with the new format.

Draft revision of Recommendation ITU-R F.1336-3 Doc. 5/85(Rev.1)

Reference radiation patterns of omnidirectional, sectoral and other antennas in point-to-multipoint systems for use in sharing studies in the frequency range from 1 GHz to about 70 GHz

This Recommendation provides reference radiation patterns of omnidirectional, sectoral and other antennas for use in sharing studies in the frequency range from 400 MHz to about 70 GHz.

This draft revision includes the following points:

– expansion of the scope to include the applicability to the mobile service antennas;

– review of the applicable frequency range down to 400 MHz;

– adoption of new reference radiation pattern approximation for sectoral antennas in the frequency range below about 6 GHz;

– review and re-editing of the reference radiation pattern approximation for sectoral antennas in the frequency range above 6 GHz;

– suppression and addition of Annexes associated with the above modifications in the main text;

– other editorial and consequential changes in the entire text.

Draft revision of Recommendation ITU-R F.1497-1 Doc. 5/86(Rev.1)

Radio-frequency channel arrangements for fixed wireless systems operating in the band 55.78-59 GHz

This Recommendation provides radio-frequency channel arrangements for fixed wireless systems in the frequency band above 55.78 GHz. In this revision, the upper limit of the applicable frequency range is extended from 59 GHz to 66 GHz. Annex 2 is modified to cover the frequency band up to 64 GHz as well as to address the arrangements with a channel separation of 50 MHz. Annex 3 is added for the frequency band 64-66 GHz providing new arrangements with a channel separation of 30 MHz.

Draft revision of Recommendation ITU-R F.1105-2 Doc. 5/90(Rev.1)

Fixed wireless systems for disaster mitigation and relief operations

In this revision fixed wireless systems used for transportable mobile backhaul links, which are interoperable with a transportable mobile base station in a vehicle, are discussed and their example systems are added. Also the obsolete information related to the analogue systems was deleted.

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