

INTERNATIONAL TELECOMMUNICATION UNION



Radiocommunication Bureau
(Direct Fax N°. +41 22 730 57 85)

Administrative Circular
CACE/596

11 December 2012

**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-R Academia**

Subject: Radiocommunication Study Group 5 (Terrestrial services)

- **Proposed adoption of 1 draft new ITU-R Recommendation and 13 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)**
- **Proposed suppression of 1 ITU-R Question**

At the meeting of Radiocommunication Study Group 5, held on 19 November 2012, the Study Group decided to seek adoption of 1 draft new ITU-R Recommendation and 13 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 Annex 1. Furthermore, the Study Group agreed to propose the suppression of 1 ITU-R Question, see Annex 2.

The consideration period shall extend for 2 months ending on 11 February 2013. 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>).

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>.

François Rancy
Director, Radiocommunication Bureau

Annex 1: Titles and summaries of the draft Recommendations

Annex 2: Question proposed for suppression

Documents: Document 5/18(Rev.2), 5/19(Rev.1), 5/20(Rev.1), 5/22(Rev.1), 5/25(Rev.1), 5/26(Rev.1), 5/27(Rev.1), 5/28(Rev.1), 5/29(Rev.1), 5/33(Rev.1), 5/35(Rev.1), 5/37(Rev.1), 5/38(Rev.1), 5/40(Rev.2)

These documents are available in electronic format at: <http://www.itu.int/md/R12-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-R Academia
- 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 1

Titles and summaries of the draft Recommendations

Draft new Recommendation ITU-R M.[VARICODE]

Doc. 5/22(Rev.1)

Telegraphic alphabet for data communication by phase shift keying at 31 baud in the amateur and amateur-satellite services

This Recommendation establishes a telegraphic alphabet and transmission protocols for phase shift keying at 31 baud in the amateur and amateur-satellite services.

Draft revision of Recommendation ITU-R M.1463-1

Doc. 5/18(Rev.2)

Characteristics of and protection criteria for radars operating in the radiodetermination service in the frequency band 1 215-1 400 MHz

This revision includes the characteristics of a new air traffic control radar operating in the radiodetermination service in the frequency band 1 215-1 400 MHz. The new radar is used to detect airborne systems to assist air traffic controllers with monitoring and separating aircraft.

Draft revision of Recommendation ITU-R M.1176

Doc. 5/19(Rev.1)

Technical parameters of radar target enhancers

The revisions in this Recommendation bring it in line with the current format and language of ITU-R Recommendations. Other changes reflect the usage of the frequency bands, identified in Recommendation ITU-R M.629 by radar target enhancers.

Draft revision of Recommendation ITU-R M.1841

Doc. 5/20(Rev.1)

Compatibility between FM sound-broadcasting in the band of about 87-108 MHz and the aeronautical ground-based augmentation system in the band about 108-117.975 MHz

In this revision Figures describing the designated operational coverage area have been replaced and a number of references have been updated.

Draft revision of Recommendation ITU-R F.386-8

Doc. 5/25(Rev.1)

Radio-frequency channel arrangements for fixed wireless systems operating in the 8 GHz (7 725 to 8 500 MHz) band

This revision includes:

- In Annex 2, new RF channel arrangements with channel separation of 28 MHz as well as 7 and 14 MHz separation are included in the range 7 725-8 275 MHz. It is intended, as stated in *recommends* 5, for Administrations currently using old channel arrangements based on the 29.65 MHz raster to migrate, in the long term, to this more efficient 28 MHz channel arrangement.
- Annex 7 as well as associated Note 1 are removed because they are obsolete.
- For other parts of the Recommendation, the text is editorially reviewed and updated.

Draft revision of Recommendation ITU-R F.635-6

Doc. 5/26(Rev.1)

Radio-frequency channel arrangements based on a homogeneous pattern for fixed wireless systems operating in the 4 GHz band

This revision includes updating of the scope and deletion and updating of obsolete information on the RF channel arrangements with channel separation of 60 and 90 MHz in Annex 1 as well as the associated text in the main part of the Recommendation.

Draft revision of Recommendation ITU-R F.1509-1

Doc. 5/27(Rev.1)

Technical and operational requirements that facilitate sharing between point-to-multipoint systems in the fixed service and the inter-satellite service in the band 25.25-27.5 GHz

This revision proposes new orbital locations to be protected, additional text to ensure continuity of operation for existing FS stations and editorial modifications.

Draft revision of Recommendation ITU-R F.1249-2

Doc. 5/28(Rev.1)

**Technical and operational requirements that facilitate sharing
between point-to-point systems in the fixed service and the
inter-satellite service in the band 25.25-27.5 GHz**

This revision proposes new orbital locations to be protected, additional text to ensure continuity of operation for existing FS stations and editorial modifications.

Draft revision of Recommendation ITU-R F.1247-2

Doc. 5/29(Rev.1)

**Technical and operational characteristics of systems in the fixed service
to facilitate sharing with the space research, space operation
and Earth exploration-satellite services operating in the
bands 2 025-2 110 MHz and 2 200-2 290 MHz**

This revision proposes new orbital locations to be protected, additional text to ensure continuity of operation for existing FS stations and editorial modifications.

Draft revision of Recommendation ITU-R F.1099-4

Doc. 5/33(Rev.1)

**Radio-frequency channel arrangements for high- and medium-capacity digital
fixed wireless systems in the upper 4 GHz (4 400-5 000 MHz) band**

This revision includes updating of the scope and deletion of obsolete information on the RF channel arrangements with channel separation of 60 MHz in Annex 1.

Draft revision of Recommendation ITU-R F.383-8

Doc. 5/35(Rev.1)

**Radio-frequency channel arrangements for high-capacity
fixed wireless systems operating in the lower 6 GHz
(5 925 to 6 425 MHz) band**

This revision includes deletion of obsolete information on the RF channel arrangements with channel separation of 60 and 90 MHz in Annex 1, and updating and editorial correction of the text in Annex 3.

Draft revision of Recommendation ITU-R F.339-7

Doc. 5/37(Rev.1)

Bandwidths, signal-to-noise ratios and fading allowances in complete systems

This Recommendation has been updated to provide information on wideband HF modems (Table 4). Signal-to-noise ratios have been updated to signal-to-noise density ratios in Tables 2 and 3. The scope has been edited and the first paragraph is moved to *considering d*).

Draft revision of Recommendation ITU-R M.1874

Doc. 5/38(Rev.1)

Technical and operational characteristics of oceanographic radars operating in sub-bands within the frequency range 3-50 MHz

Revisions to this Recommendation bring it in line with the current format and language of ITU-R Recommendations. Other changes reflect the addition of new roles of oceanographic radar application.

Draft revision of Recommendation ITU-R M.1801-1

Doc. 5/40(Rev.2)

Radio interface standards for broadband wireless access systems, including mobile and nomadic applications, in the mobile service operating below 6 GHz

This revision includes updated information on the following: the IEEE 802.11 standard, the ETSI HiperMAN standards, IMT-2000 CDMA DS, IMT-2000 CDMA TDD, IMT-2000 CDMA Multi-Carrier, and XGP. A new annex has been added on IMT-Advanced terrestrial radio interfaces. The ATIS standards T1.723-2002, ATIS-0700001.2004, and T1.716/7-2000(R2004) have been deleted upon ATIS's request for these standards have fallen into disuse.

Annex 2

(Source: Document 5/8)

Question proposed for suppression

Question ITU-R	Title
245/5	Fixed service applications using frequency bands above 3 000 GHz
