



Radiocommunication Bureau
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**Administrative Circular
CAR/331**

15 December 2011

To Administrations of Member States of ITU

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

At the meeting of ITU-R Study Group 5 (Terrestrial services) held from 21 to 23 November 2011, the Study Group adopted the texts of 1 draft new Recommendation and 13 draft revised Recommendations and agreed to apply the procedure of Resolution ITU-R 1-5 (see § 10.4.5) for approval of Recommendations by consultation. The titles and summaries of the draft Recommendations are given in the Annex.

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-5, you are requested to inform the Secretariat (brsgd@itu.int) by 15 March 2012, whether your Administration approves or does not approve the draft Recommendations.

A Member State who indicates that a draft Recommendation should not be approved is requested to advise the Secretariat of the reason and to indicate possible changes in order to facilitate further consideration by the Study Group during the study period (§ 10.4.5.5 of Resolution ITU-R 1-5).

After the above-mentioned deadline, the results of this consultation will be notified in an Administrative Circular and arrangements made for the approved Recommendations to be published in accordance with § 10.4.7 of Resolution ITU-R 1-5.

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>.

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Annex: Titles and summaries of the draft Recommendations

Documents attached: Documents 5/BL/11 to 5/BL/24 on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- 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

Annex

Titles and summaries of the draft Recommendations adopted by Radiocommunication Study Group 5

Draft new Recommendation ITU-R M.[LMS.PPDR.UHF]

Doc. 5/BL/11

Frequency arrangements for public protection and disaster relief radiocommunication systems in UHF bands in accordance with Resolution 646 (WRC-03)

This Recommendation provides guidance on frequency arrangements for public protection and disaster relief radiocommunications in certain regions in some of the bands below 1 GHz identified in Resolution 646 (WRC-03). Currently, the Recommendation addresses arrangements in the ranges 380-470 MHz in certain countries in Region 1, 746-806 MHz and 806-869 MHz in Region 2, and 806-824/851-869 MHz in some countries in Region 3 in accordance with Resolutions ITU-R 53, ITU-R 55 and WRC Resolutions 644 (Rev.WRC-07), 646 (WRC-03), and 647 (WRC-07).

Draft revision of Recommendation ITU-R F.636-3

Doc. 5/BL/12

Radio-frequency channel arrangements for radio-relay systems operating in the 15 GHz band

Besides editorial improvements/updating, this revision includes the following:

- deletion of Annex 1 because obsolete and no longer in use;
- new 56 MHz arrangements homogeneous with the 14 and 28 MHz ones;
- new Annex describing another channel arrangement based on the 2.5 MHz homogeneous pattern.

Draft revision of Recommendation ITU-R F.384-10

Doc. 5/BL/13

Radio-frequency channel arrangements for medium- and high- capacity digital fixed wireless systems operating in the upper 6 GHz (6 425-7 125 MHz) band

This revision includes the following:

- provision for the possible use of two adjacent 40 MHz channels for very high capacity systems;
- obsolete use of polarization and connection to single antenna have been updated;

- new recommend and annex added for the split of 30 MHz channels in lower size 3.5, 7 and 14 MHz channels;
- other editorial improvements/updating.

Draft revision of Recommendation ITU-R F.595-9

Doc. 5/BL/14

Radio-frequency channel arrangements for fixed wireless systems operating in the 18 GHz band

This revision has updated the channel arrangements presented in Annex 4 removing obsolete arrangements no longer in use.

Draft revision of Recommendation ITU-R F.747

Doc. 5/BL/15

Radio-frequency channel arrangements for fixed wireless system operating in the 10 GHz band

The revision includes the following:

- addition of scope;
- addition of new Annexes 3 and 4;
 - recommending channel arrangements, based on 3.5 MHz homogeneous pattern in the whole band 10.0-10.68 GHz;
 - providing specific arrangements using channel separation of 3.5, 7, 14 and 28 MHz;
 - providing the possible use of two adjacent 28 MHz channels for very high capacity systems;
- other editorial improvements/updating.

Draft revision of Recommendation ITU-R F.637-3

Doc. 5/BL/16

Radio-frequency channel arrangements for fixed wireless systems operating in the 23 GHz band

The revision includes the following:

- The *considering* part has been updated.
- In Annex 1 the specific country reference has been deleted.
- Current Annex 2 has been deleted because the arrangement is no longer in use in the referenced country since the band 21.4-22.0 GHz has been allocated to the broadcasting-satellite service (BSS) on a primary basis in Regions 1 and 3.
- In current Annex 3 (new Annex 2), additional arrangements have been added.
- Current Annex 4 (new Annex 3) has been revised for better reflecting the use of the band in North America.

Radio-frequency arrangements for systems of the fixed service operating in the 38 GHz band

This revision includes the following:

- the obsolete channel separation 140 MHz has been changed, similarly to a number of other bands above 18 GHz, with the nowadays more widely implemented 112 MHz;
- the already existing generic provision for the use of guardbands and centre gap has been explicitly expanded in a specific number of 3.5, 7, 14 and 28 MHz “extra channels”;
- other editorial improvements/updating.

Radio-frequency channel arrangements for fixed wireless systems operating in the 11 GHz band

This revision includes the following:

- provision for the possible use of two adjacent 40 MHz channels for very high capacity systems;
- deletion of the arrangement in current Annex 1 because it is obsolete and no longer in use;
- in the current Annex 5 (now renumbered 4) new 7, 14 and 28 MHz channel arrangements with duplex separation 490 MHz have also been added to the current arrangements with duplex separation 530 MHz;
- other editorial improvements/updating.

Radio-frequency channel arrangements for fixed wireless systems operating in the 7 GHz band

The revision of Annex 1 to this Recommendation has been modified as follows:

- Addition of a new sub-band 7 125–7 425 MHz, similar to that already present for the band 7 425–7 725 MHz;
- Addition of arrangements for 14, 7, 3.5 and 1.75 MHz channel spacing.

Draft revision of Recommendation ITU-R M.1580-3

Doc. 5/BL/20

Generic unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT-2000

This revision includes the addition of one sentence to the scope, the deletion of *considering* k) and the addition of *considering* l) and m), the addition of *noting* c), modifications to NOTE 2, NOTE 3, NOTE 4, NOTE 5 and the addition of a new NOTE 7. The annexes have also been updated. All frequency bands or parts of the bands referenced in this Recommendation which are not identified for IMT in the ITU Radio Regulations have been marked with “#”.

Draft revision of Recommendation ITU-R M.1581-3

Doc. 5/BL/21

Generic unwanted emission characteristics of mobile stations using the terrestrial radio interfaces of IMT-2000

This revision includes the addition of one sentence to the scope, the deletion of *considering* m) and the addition of *considering* n) and o) and the addition of *noting* b) and c), modifications to NOTE 2, NOTE 3, NOTE 4, NOTE 5 and the addition of new NOTE 7. The annexes have also been updated. All frequency bands or parts of the bands referenced in this Recommendation which are not identified for IMT in the ITU Radio Regulations have been marked with “#”.

Draft revision of Recommendation ITU-R M.1224

Doc. 5/BL/22

Vocabulary of terms for International Mobile Telecommunications-2000 (IMT)

This revision updates the terms, definitions, abbreviations and acronyms related to IMT-2000 and adds those related to IMT-Advanced. Requirements contained in Resolutions ITU-R 33-2, ITU-R 34-2, ITU-R 35-2 and ITU-R 36-2 have been fulfilled. Terms and definitions described into this document do not contradict, when used in the same context, with terms and definitions already used within other ITU-R Recommendations.

Draft revision of Recommendation ITU-R M.1579

Doc. 5/BL/23

Global circulation of IMT-2000 terminals

This revision of Recommendation ITU-R M.1579 removes the information related to the satellite component of IMT-2000. The relevant information regarding the satellite component towards global circulation has been addressed in a separate document under the purview of WP 4B. This has been done in a coordinated manner with WP 4B.

Considerations in the development of criteria for sharing between the fixed service and other services

This revision includes the following:

- revision of the scope;
- refinement of the text under the *considering* and the *noting* parts;
- replacement of Annex 1 with the entire new text on considerations in the development of sharing criteria in the light of the performance/availability objectives developed after the previous version of this Recommendation was approved;
- replacement of Annexes 2 and 3 with the updated new texts and information on FS system parameters, and the old information on these parameters was transferred to Report ITU-R F.2108;
- deletion of Annex 4, the information of which was also transferred to Report ITU-R F.2108;
- clarifications on the “long-term” and “short-term” interference in relation to error performance and availability has been inserted in Annex 1;
- insertion of a new § 1.1.2.2 in Annex 1, addressing considerations for practical applications;
- summarization of I/N criterion values in the light of the past sharing/compatibility studies.
