

INTERNATIONAL TELECOMMUNICATION UNION



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

Administrative Circular
CACE/472

10 March 2009

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,
ITU-R Associates participating in the work of Radiocommunication Study Group 5 and
the Special Committee on Regulatory/Procedural Matters**

Subject: Meeting of Radiocommunication Study Group 5 (Terrestrial services),
Geneva, 29 May 2009

1 Introduction

By means of this Administrative Circular, we wish to announce that a meeting of ITU-R Study Group 5 will take place in Geneva on 29 May 2009, following the meetings of Working Parties 5A, 5B and 5C (see Circular Letter [5/LCCE/11](#)).

The Study Group meeting will be held in the ITU Headquarters, Geneva. The opening will take place at 09:30 hours.

2 Programme of the meeting

The draft agenda for the meeting of Study Group 5 is contained in Annex 1. The Questions assigned to Study Group 5 may be found on:

<http://www.itu.int/publ/R-QUE-SG05/en>

2.1 Adoption of draft Recommendations at the Study Group meeting (§ 10.2.2 of Resolution ITU-R 1-5)

Two draft revised Recommendations are proposed for adoption at the Study Group 5 meeting. In conformity with §10.2.2.2 of Resolution ITU-R 1-5, the titles and the summaries of the draft revised Recommendations are given in Annex 2.

2.2 Adoption of draft Recommendations by a Study Group by correspondence (§ 10.2.3 of Resolution ITU-R 1-5)

The procedure described in § 10.2.3 of Resolution ITU-R 1-5 concerns draft new or revised Recommendations which are not specifically included in the agenda of a Study Group meeting.

In accordance with this procedure, draft new and revised Recommendations prepared during the meetings of Working Parties 5A, 5B and 5C held prior to the Study Group meeting will be submitted to the Study Group. After due consideration, the Study Group may decide to seek adoption of these draft Recommendations by correspondence. In such cases, the Study Group may also decide to apply the procedure for simultaneous adoption and approval (PSAA) of a draft Recommendation as described in § 10.3 of Resolution ITU-R 1-5 (see also § 2.3 below).

In accordance with § 2.25 of Resolution ITU-R 1-5, Annex 3 to this Circular contains a list of topics to be addressed at the meetings of the Working Parties held prior to the Study Group meeting, and for which draft Recommendations may be developed.

2.3 Decision on approval procedure

At the meeting, the Study Group shall decide on the eventual procedure to be followed for seeking approval for each draft Recommendation in accordance with § 10.4.3 of Resolution ITU-R 1-5. Approval may be sought by submitting the draft Recommendation to the next Radiocommunication Assembly, or by consultation of the Member States; alternatively, the Study Group may decide to use the PSAA procedure described in § 10.3 of Resolution ITU-R 1-5.

3 Contributions

Contributions in response to the work of Study Group 5 are processed according to the provisions laid down in Resolution ITU-R 1-5 and posted on <http://www.itu.int/md/r07-SG05-c/en>. **The deadline for submission of contributions is Friday, 22 May 2009 at 16:00 hours UTC.** Submissions received later than this deadline cannot be accepted. Resolution ITU-R 1-5 provides that contributions which are not available to participants at the opening of the meeting shall not be considered.

Participants are requested to submit contributions by electronic mail to:

rsg5@itu.int

A copy should also be sent to the Chairman and Vice-Chairmen of Study Group 5. The pertinent addresses can be found on:

http://www.itu.int/cgi-bin/htsh/compass/cvc.param.sh?acvty_code=5

4 Participation/Visa requirements

Delegate/participant registration for the meeting will be carried out online via the ITU-R website. Each Member State/Sector Member/Associate was requested to designate a focal point to be responsible for the handling of all registration requests for his/her administration/organization. Individuals wishing to attend should contact the focal point designated for all Study Group activities for his/her entity directly. The list of designated focal points (DFPs) is available on the **ITU-R Delegate Registration and Member Information** webpage at:

<http://www.itu.int/ITU-R/go/delegate-reg-info/en>.

4.1 Visa requirements

We would like to remind delegates and participants that citizens of some countries are required to obtain a visa in order to enter and spend time in Switzerland. **The visa must be requested at least three (3) weeks prior to the opening of the meeting** and obtained from the office (embassy or consulate) representing Switzerland in the respective country of origin. In cases where there is no such office in the country, the visa should be obtained from the office that is closest to the country of departure. If problems are encountered, the Union can, at the official request of the administration or entity being represented, approach the competent Swiss authorities in order to facilitate the delivery of the visa, however, this procedure will require three weeks as mentioned above. Any such request must be accompanied by the approved registration form related to the ITU conference or meeting in question.

For further information see <http://www.itu.int/ITU-R/go/delegate-reg-info/en>.

4.2 Visa requests

For Delegates/Participants who have made their registration request on-line via their respective Member State/Sector Member/Associate DFP, the process for requesting visa support has been simplified. *If ITU Headquarters assistance is required*, the request for support in obtaining a visa may be made by the DFP at the time of completion of the registration request for the individual concerned. On the bottom of the registration form, the DFP will find several questions which must be completed fully and accurately. The required information is as follows:

- Date of birth
- Passport number
- Passport issuance and expiry dates

The visa support procedure will subsequently follow automatically. The Delegate/Participant will be notified via the Confirmation of Registration form sent to his/her e-mail address that the visa support request has been received and is being processed.

The Delegate Registration desk will open at 08:30 hours on the first day of the meeting at the entrance of the Montbrillant building. Please note that the confirmation of registration sent to each delegate/participant by e-mail must be presented, together with photo identification, in order to receive a badge.

Information regarding hotel accommodation for meetings held in Geneva is available at <http://www.itu.int/travel/index.html>.

Valery Timofeev
Director, Radiocommunication Bureau

Annexes: 3

Distribution:

- Administrations of Member States and Radiocommunication Sector Members
- ITU-R Associates participating in the work of Radiocommunication Study Group 5
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and 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

Draft agenda for the meeting of Radiocommunication Study Group 5

(Geneva, 29 May 2009)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Approval of the Summary Record of the previous meeting (Document [5/124](#))
- 5** Results of the meetings of the CVC and the RAG
- 6** Consideration of the outputs of the Working Parties
 - 6.1** Working Party 5A
 - 6.2** Working Party 5B
 - 6.3** Working Party 5C
 - 6.4** Working Party 5D 5/128, 5/129, 5/130, 5/131
- 7** Consideration of other inputs (if any)
- 8** Status of Handbooks, Questions, Recommendations, Reports, Opinions, Resolutions and Decisions
- 9** Liaison with other Study Groups, CCV and international organizations
- 10** Schedule of meetings
- 11** Any other business

A. HASHIMOTO
Chairman, Radiocommunication Study Group 5

Annex 2

Titles and summaries of the draft revised Recommendations proposed for adoption at the Study Group 5 meeting

Background

Following discussions at the Radiocommunication Assembly 2007 (RA-07), it was agreed to include “noting c)” in Recommendations ITU-R M.1580-2 and M.1581-2, addressing Annex 6. The summary record of the 5th Plenary meeting of RA-07 contains the following statement: “The urgent work with regard to the Annex 6 on IMT 2000 OFDMA TDD WMAN in each of the Recommendations ITU-R M.1580 and ITU-R M.1581 to address emission mask and ACLR to ensure geographical coexistence with other IMT-2000 radio interfaces, should commence in early 2008 and be progressed expeditiously.”

In addition to completing the urgent work described above, a review of the remainder of these Recommendations was conducted, resulting in the revisions listed below.

Draft revision of Recommendation ITU-R M.1580-2

Doc. 5/132

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

Summary of the revision

Main body

- As the outstanding work has been finished in Annex 6, “noting c)” has been deleted.
- Changes to existing notes have been made and two notes (3 and 6) have been added.
- A new Appendix 1 – “Definitions and Abbreviations” - has been included.

Annex 1

- In addition to updating the “UTRA” information, “E-UTRA (LTE)” information regarding spectrum mask, adjacent channel leakage power ratio (ACLR) and transmitter/receiver spurious emissions is provided.
- New frequency bands have been added.

Annex 2

- Spectrum emission masks, transmitter/receiver spurious emissions and ACLR have been provided / updated for various band classes.
- New frequency bands have been added.

Annex 3

- In addition to updating the “UTRA” information, “E-UTRA (LTE)” information regarding spectrum mask, ACLR and transmitter/receiver spurious emissions is provided
- New frequency bands have been added.

Annex 4

- Only layout changes have been made.

Annex 5

- No change.

Annex 6

- The new frequency bands 2 300-2 400 MHz and 3 400-3 600 MHz have been added including spectrum emission mask, transmitter/receiver spurious emissions and ACLR information.
- Information on test tolerance has been incorporated.

Draft revision of Recommendation ITU-R M.1581-2

Doc. 5/130

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

Summary of the revision

Main body

- Additional text was inserted in the scope of the Recommendation for clarification.
- As the outstanding work has been finished in Annex 6, “*noting c*”) has been deleted.
- Changes to existing notes have been made and two notes (3 and 6) have been added.
- A new Appendix 1 – “Definitions and Abbreviations” - has been included.

Annex 1

- In addition to updating the “UTRA” information, “E-UTRA (LTE)” information regarding spectrum mask, adjacent channel leakage power ratio (ACLR) and transmitter/receiver spurious emissions is provided.
- New frequency bands have been added.

Annex 2

- Spectrum emission masks, transmitter / receiver spurious emissions and ACLR have been provided / updated for various band classes.
- New frequency bands have been added.

Annex 3

- In addition to updating the “UTRA” information, “E-UTRA (LTE)” information regarding spectrum mask, ACLR and transmitter/receiver spurious emissions are provided.
- New frequency bands have been added.

Annex 4

- Only layout changes have been made.

Annex 5

- No change.

Annex 6

- The new frequency bands 2 300-2 400 MHz and 3 400-3 600 MHz have been added including spectrum emission mask, transmitter/receiver spurious emissions and ACLR information.
- Information on test tolerance has been incorporated.

Annex 3

Topics to be addressed at meetings of Working Parties 5A, 5B and 5C held prior to the meeting of Study Group 5 and for which draft Recommendations may be developed

Working Party 5A

- Preliminary draft new Recommendation ITU-R M.[MM-ITS] – Millimetre wave radiocommunication systems for ITS Applications (Annex 5 to Document 5A/168)
- Preliminary draft revision of Recommendation ITU-R M.1310 – Intelligent transport systems (ITS) – Objectives and requirements (Annex 6 to Document 5A/168)
- Preliminary draft new Recommendation ITU-R M.[LMS.PPDR. UHF] – Harmonized frequency arrangements for public protection and disaster relief operations in the ranges 380-470 MHz in [certain countries in] Region 1 and 746-806 MHz in Region 2 and some countries in Region 3 (Annex 7 to Document 5A/168)
- Preliminary draft revision of Recommendation ITU-R M.1801 – Radio interface standards for broadband wireless access systems, including mobile and nomadic applications, in the mobile service operating below 6 GHz (Annex 15 to Document 5A/168)

Working Party 5B

- Preliminary draft revision of Recommendation ITU-R M.1798 – Characteristics of HF radio equipment for the exchange of digital data and electronic mail in the maritime mobile service (Annex 1 to Document 5B/175)
- Preliminary draft revision of Recommendation ITU-R M.1802 – Characteristics and protection criteria for radars operating in the radiolocation service in the frequency band 30-300 MHz (Annex 2 to Document 5B/175)

Working Party 5C

- Preliminary draft new Recommendation ITU-R F.[HAPS MODELLING] (WRC-11 Agenda item 1.20) – Interference analysis modelling for sharing between HAPS gateway links in the range 5 850-7 075 MHz and other services (Annex 9 to Document 5C/129)
- Preliminary draft new Recommendation ITU-R F.[HAPS CHAR] (WRC-11 Agenda item 1.20) – Technical and operational characteristics of gateway links in the fixed service using high altitude platform stations to be used in sharing studies in the band 5 850-7 075 MHz (Annex 10 to Document 5C/129)
- Consideration of a preliminary draft revision of Recommendation ITU-R F.1764 (Annex 11 to Document 5C/129)

- Preliminary draft new Recommendation/Report – Sharing between the aeronautical mobile service and the fixed service in the band 37-38 GHz (WRC-11 Agenda item 1.12) (Annex 12 to Document 5C/129)
 - Preliminary draft revision of Recommendation ITU-R F.387-10 – Radio-frequency channel arrangements for fixed wireless systems operating in the 11 GHz band (Annex 13 to Document 5C/129)
 - Preliminary draft revision to Recommendation ITU-R F.758-4 – 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 (Annex 14 to Document 5C/129)
 - Preliminary draft revision of Recommendation ITU-R F.1336-2 – 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 (Annex 15 to Document 5C/129).
-