



# INTERNATIONAL TELECOMMUNICATION UNION

*Radiocommunication Bureau*

(Direct Fax N°. +41 22 730 57 85)

**Circular Letter  
5/LCCE/32**

6 July 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: Meetings of Working Parties 5A, 5B and 5C**

WP 5A: Land mobile service above 30 MHz (excluding IMT); wireless access in the fixed service; amateur and amateur-satellite services

WP 5B: Maritime mobile service including Global Maritime Distress and Safety System (GMDSS); aeronautical mobile service and radiodetermination service

WP 5C: Fixed wireless systems; HF and other systems below 30 MHz in the fixed and land mobile services

## 1 Introduction

By means of this Circular Letter, we wish to announce that meetings of ITU-R Working Parties 5A, 5B and 5C will take place in the ITU Headquarters in Geneva from 5 to 16 November 2012 (see the table below).

Groups	Meeting dates	Deadline for contributions 16:00 hours UTC	Opening session
Working Party 5A	5-15 November 2012	Monday, 29 October 2012	Monday, 5 November 2012 at 11:00 hours
Working Party 5B	5-16 November 2012	Monday, 29 October 2012	Monday, 5 November 2012 at 09:30 hours
Working Party 5C	5-14 November 2012	Monday, 29 October 2012	Monday, 5 November 2012 at 14:00 hours

## 2 Programme of the meetings

Draft agendas for these meetings are contained in the Annex. The Questions assigned may be found on: <http://www.itu.int/publ/R-QUE-SG05/en>. The Working Parties will conduct their work in English.

### 3 Contributions

Contributions in response to the work of Working Parties 5A, 5B, 5C and 5D are invited. These will be processed according to the provisions laid down in Resolution ITU-R 1-6.

The membership is encouraged to submit contributions (including revisions, addenda and corrigenda to contributions) in order for them to be received 12 calendar days prior to the start of the meeting. The deadline for reception of contributions is seven calendar days (1600 hours UTC) prior to the start of the meeting. **The deadlines for reception of contributions for these meetings are specified in the table above.** Submissions received later than these deadlines cannot be accepted. Resolution ITU R 1-6 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](mailto:rsg5@itu.int). A copy should also be sent to the Chairmen of the relevant Working Parties and to the Chairman and Vice-Chairmen of Study Group 5. The pertinent addresses can be found on:

<http://www.itu.int/go/rwp5a/ch>

<http://www.itu.int/go/rwp5b/ch>

<http://www.itu.int/go/rwp5c/ch>

<http://www.itu.int/go/rsg5/ch>

### 4 Documents

Contributions will be posted “as received” within one working day on the webpage established for this purpose. The official versions will be posted on <http://www.itu.int/ITU-R/go/rsg5/en> (see “contributions” of each relevant Working Party) within 3 working days.

In agreement with the Chairmen of Working Parties 5A, 5B and 5C, **the upcoming Working Party meetings will be completely paperless.** Wireless LAN facilities will be available for use by delegates in the meeting rooms. Printers are available in the cyber café of the 2<sup>nd</sup> basement of the Tower building and on the 1<sup>st</sup> and 2<sup>nd</sup> floors of the Montbrillant building for delegates who wish to print documents. In addition, the Service Desk Service ([ServiceDesk@itu.int](mailto:ServiceDesk@itu.int)) has prepared a limited number of laptops for those who do not have one.

### 5 Remote participation

In order to facilitate remote participation in ITU-R meetings an audio webcast of the Working Party plenary sessions will be provided through the ITU Internet Broadcasting Service (IBS).

Remote participants wishing to actively participate (e.g. to introduce a contribution) will need to register for the meeting beforehand and coordinate their active participation with the responsible Counsellor.

### 6 Participation/Visa requirements

Delegate/participant registration for the meetings will be carried out online via the ITU-R website. Member States, Sector Members, Associates and Academia were each 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) and detailed information regarding visa requirements is available on the **General Information and Delegate Registration** webpage at:

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

The Delegate Registration desk will open at 08:30 hours on the first day of each 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>.

François Rancy  
Director, Radiocommunication Bureau

**Annex: 1**

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
- Chairman and Vice-Chairmen of Radiocommunication Study Group 5
- Secretary General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

## **Annex**

### **Draft agenda for the meeting of Working Party 5A**

(Geneva, 5-15 November 2012)

- 1** Opening remarks
- 2** Adoption of the draft agenda
- 3** Report on the 9<sup>th</sup> meeting of Working Party 5A (Document [5A/79](#))
- 4** Report from Rapporteurs and Correspondence Groups
- 5** Working structure and document assignment
- 6** Any other business

J. COSTA  
Chairman, Working Party 5A

## **Draft agenda for the meeting of Working Party 5B**

(Geneva, 5-16 November 2012)

- 1** Opening remarks
- 2** Approval of the draft agenda
- 3** Report on the 9<sup>th</sup> meeting of Working Party 5B (Document [5B/62](#))
- 4** Report from Rapporteurs and Correspondence Groups
- 5** Working structure and document assignment
- 6** Any other business

**J. METTROP**  
Chairman, Working Party 5B

## **Draft agenda for the meeting of Working Party 5C**

(Geneva, 5-14 November 2012)

- 1** Opening remarks
- 2** Adoption of the draft agenda
- 3** Report on the 9<sup>th</sup> meeting of Working Parties 5C (Document [5C/47](#))
- 4** Reports from Rapporteurs and Correspondence Groups
- 5** Working structure and document assignment
- 6** Any other business

C. GLASS  
Chairman, Working Party 5C

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

**Administrative Circular**  
**CACE/579**

17 August 2012

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

**Subject: Meeting of Radiocommunication Study Group 5 (Terrestrial services),  
Geneva, 19 – 20 November 2012**

## **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 19 and 20 November 2012, following the meetings of Working Parties 5A, 5B and 5C (see Circular Letter [5/LCCE/32](#)).

The Study Group meeting will be held in the ITU Headquarters, Geneva. The opening session will take place at 0930 hours.

<b>Group</b>	<b>Meeting date</b>	<b>Deadline for contributions</b>	<b>Opening session</b>
Study Group 5	19 - 20 November 2012	Monday, 12 November 2012 at 1600 hours UTC	Monday, 19 November 2012 at 0930 hours (local time)

## **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/pub/R-QUE-SG05/en>

### **2.1 Adoption of draft Recommendations at the Study Group meeting (§ 10.2.2 of Resolution ITU-R 1-6)**

Four draft revised Recommendations are proposed for adoption at the Study Group 5 meeting.

In accordance with § 10.2.2.1 of Resolution ITU-R 1-6, the titles and summaries of these draft 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 1-6)**

The procedure described in § 10.2.3 of Resolution ITU-R 1-6 concerns draft new or revised Recommendations that 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, 5C and 5D 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 shall use the procedure for simultaneous adoption and approval (PSAA) by correspondence of draft Recommendations as described in § 10.3 of Resolution ITU-R 1-6 (see also § 2.3 below), if there is no objection by any Member State attending the meeting.

In accordance with § 2.25 of Resolution ITU-R 1-6, Annex 3 to this Circular contains a list of topics to be addressed at the meetings of the Working Parties held just 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 1-6, unless the Study Group has decided to use the PSAA procedure as described in § 10.3 of Resolution ITU-R 1-6 (see § 2.2 above).

## **3 Contributions**

Contributions in response to the work of Study Group 5 are processed according to the provisions laid down in Resolution ITU-R 1-6.

The membership is encouraged to submit contributions (including revisions, addenda and corrigenda to contributions) in order for them to be received 12 calendar days prior to the start of the meeting. The deadline for reception of contributions is seven calendar days (1600 hours UTC) prior to the start of the meeting. **The deadline for reception of contributions for this meeting is specified in the table above.** Contributions received later than this deadline cannot be accepted. Resolution ITU-R 1-6 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](mailto: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/go/rsg5/ch>



#### 4 Documents

Contributions will be posted “as received” within one working day on the webpage established for this purpose:

<http://www.itu.int/md/R12-SG05.AR-C/en>

The official versions will be posted on <http://www.itu.int/md/R12-SG05-C/en> within 3 working days.

In agreement with the Chairman of Study Group 5, **the upcoming Study Group meeting will be completely paperless**. Wireless LAN facilities will be available for use by delegates in the meeting rooms. Printers are available in the cyber café of the 2<sup>nd</sup> basement of the Tower building and on the 1<sup>st</sup> and 2<sup>nd</sup> floors of the Montbrillant building for delegates who wish to print documents.

In addition, the Service Desk ([servicedesk@itu.int](mailto:servicedesk@itu.int)) has prepared a limited number of laptops for those who do not have one.

#### 5 Interpretation

Given that the meeting is scheduled to be held with interpretation, please note that interpretation will actually be provided only where Member States so request. Requests for interpretation should be sent to [rsg5@itu.int](mailto:rsg5@itu.int) at least one month before the start of the meeting, i.e. by 19 October 2012 at the latest. This deadline is required in order for the Secretariat to make the necessary arrangements for interpretation.

#### 6 Remote participation

In order to facilitate remote participation in ITU-R meetings an audio webcast of the Study Group Plenary meetings in all available languages (i.e. all those that were requested – see Section 5) will be provided through the ITU Internet Broadcasting Service (IBS).

#### 7 Participation/Visa requirements

Delegate/participant registration for the meeting will be carried out online via the ITU-R website. Member States, Sector Members, Associates and Academia were each 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 **General Information and Delegate Registration** webpage at:

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

The Delegate Registration desk will open at 0830 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>.

François Rancy  
Director, Radiocommunication Bureau

**Annexes:** 3

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 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, 19 – 20 November 2012)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Summary Record of the previous meeting (Document [5/358\(Rev.1\)](#) (2007-2012 study period))
- 5** Results of the Radiocommunication Assembly 2012 (RA-12) and of the World Radiocommunication Conference 2012 (WRC-12) and results of the first session of CPM-15 (CPM15-1) (Document [5/7](#))
- 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
- 7** Consideration of other inputs (if any)
- 8** Status of Study Group 5 texts
- 9** Liaison with other Study Groups, the 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**

Draft revision of Recommendation ITU-R M.1457-10

[Not yet available]

#### **Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2000 (IMT-2000)**

This modification of Recommendation ITU-R M.1457 is intended to keep the specified technologies of the terrestrial component of IMT-2000 up to date. The main changes include the addition of enhanced capabilities for some of the radio interfaces, and some consequential changes to the overview sections of the text, as well as to the Global Core Specifications.

Draft revision of Recommendation ITU-R M.2012

[Not yet available]

#### **Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications Advanced (IMT-Advanced)**

This modification of Recommendation ITU-R M.2012 is intended to keep the specified technologies of the terrestrial component of IMT-Advanced up to date. The main changes include the addition of enhanced capabilities for the radio interfaces, and some consequential changes to the overview sections of the text, as well as to the Global Core Specifications.

Draft revision of Recommendation ITU-R M.629

Doc. 5/9

#### **Use for the radionavigation service of the frequency bands 2 900-3 100 MHz, 5 470-5 650 MHz, 9 200-9 300 MHz, 9 300-9 500 MHz and 9 500-9 800 MHz**

Revisions to this Recommendation bring it in line with the current format and language of ITU-R Recommendations. Other changes reflect the usage of these frequency bands by various systems operating under the radionavigation service.

Draft revision of Recommendation ITU-R M.824-3

Doc. 5/10

#### **Technical parameters of radar beacons (racons)**

Revisions to 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 beacons (racons).

## Annex 3

### Topics to be addressed at meetings of Working Parties 5A, 5B, 5C and 5D 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.[VARICODE] - Telegraphic alphabet for data communication by phase shift keying at 31 baud in the amateur and amateur-satellite services (Annex 10 to Document 5A/79).
- Working document towards a preliminary draft revision of Recommendation ITU-R M.1801-1 - 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/79).
- Working document toward a preliminary draft revision of Recommendation ITU-R M.2009 - 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) (Annex 17 to Document 5A/79).
- Working document towards a preliminary draft revision of Recommendation ITU-R M.2015 - Frequency arrangements for public protection and disaster relief radiocommunication systems in UHF bands in accordance with Resolution 646 (Rev.WRC-12) (Annex 18 to Document 5A/79).
- Working document towards a preliminary draft new Recommendation ITU-R M.[LMS.FA] - General guidelines for the planning of frequency block arrangements in large contiguous bandwidths for broadband applications in the mobile service (Annex 19 to Document 5A/79).
- Working document towards a preliminary draft new Recommendation ITU-R M.[AUTO] - Systems characteristics of automotive radars operating in the frequency band 76-81 GHz for intelligent transport systems applications (Annex 22 to Document 5A/79).
- Working document towards a preliminary draft revision of Recommendation ITU-R M.1797/new Recommendation ITU-R M.[5A/VOC] - Vocabulary of terms for the land mobile service (Annex 25 to Document 5A/79).

## **Working Party 5B**

- Preliminary draft revision of Recommendation ITU-R M.1463-1 - Characteristics of and protection criteria for radars operating in the radiodetermination service in the frequency band 1 215-1 400 MHz (Annex 11 to Document 5B/62).
- Preliminary draft revision of Recommendation ITU-R M.1176 - Technical parameters of radar target enhancers (Annex 13 to Document 5B/62).
- Preliminary draft revision of Recommendation ITU-R M.1796-1 - Characteristics of and protection criteria for terrestrial radars operating in the radiodetermination service in the frequency band 8 500-10 680 MHz (Annex 14 to Document 5B/62).
- Preliminary draft revision of Recommendation ITU-R M.1841 - Compatibility between FM sound-broadcasting systems in the frequency band of about 87-108 MHz and the aeronautical ground-based augmentation system in the frequency band 108-117.975 MHz (Annex 15 to Document 5B/62).
- Working document towards a preliminary draft revision of Recommendation ITU-R M.1874 - Technical and operational characteristics of oceanographic radars operating in sub-bands within the frequency range 3-50 MHz (Annex 16 to Document 5B/62).
- [Preliminary] draft new Recommendation ITU-R M.[RAD ALT] - Operational and technical characteristics and protection criteria of radio altimeters utilizing the frequency band 4 200-4 400 MHz (Annex 17 to Document 5B/62).

## **Working Party 5C**

- Preliminary draft revision of Recommendation ITU-R SF.674-2 - Determination of the impact on the fixed service operating in the 11.7-12.2 GHz band when geostationary fixed-satellite service networks in Region 2 exceed power flux-density thresholds (Annex 4 to Document [5C/602\(Rev.1\)](#) (2007-2012 study period)).
- Preliminary draft revision of Recommendation ITU-R F.1509-1 - 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 (Annex 2 to Document 5C/47).
- Preliminary draft revision of Recommendation ITU-R F.1249-2 - 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 (Annex 3 to Document 5C/47).
- Preliminary draft revision of Recommendation ITU-R F.1247-2 - 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 (Annex 5 to Document 5C/47).
- Preliminary draft revision of Recommendation ITU-R F.1099-4 - Radio-frequency channel arrangements for high- and medium-capacity digital fixed wireless systems in the upper 4 GHz (4 400-5 000 MHz) band (Annex 6 to Document 5C/47).

- Preliminary draft revision of Recommendation ITU-R F.383-8 - Radio-frequency channel arrangements for high-capacity fixed wireless systems operating in the lower 6 GHz (5 925 to 6 425 MHz) band (Annex 8 to [Document 5C/47](#)).
- Preliminary draft revision of Recommendation ITU-R F.635-6 - Radio-frequency channel arrangements based on a homogeneous pattern for fixed wireless systems operating in the 4 GHz band (Annex 9 to [Document 5C/47](#)).
- Preliminary draft revision of Recommendation ITU-R F.386-8 - Radio-frequency channel arrangements for fixed wireless systems operating in the 8 GHz (7 725 to 8 500 MHz) band (Annex 10 to [Document 5C/47](#)).
- Preliminary draft revision of Recommendation ITU-R F.339-7 - Bandwidths, signal-to-noise ratios and fading allowances in HF fixed and land mobile radiocommunication systems (Annex 12 to [Document 5C/47](#)).
- Working documents towards a revision of Recommendation ITU-R F.1777 - Digital system characteristics of television outside broadcast, electronic news gathering and electronic field production in the fixed service for use in sharing studies (Annex 13 to [Document 5C/47](#)).

### **Working Party 5D**

- Preliminary draft revision of Recommendation ITU-R M.1579-1 - Global circulation of IMT-2000 terrestrial terminals (Attachment 5.11 to Document [5D/1163](#) (2007-2012 study period))
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