



## **Radiocommunication Bureau (BR)**

Administrative Circular  
**CACE/681**

22 July 2014

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

**Subject: Meeting of Radiocommunication Study Group 5 (Terrestrial services),  
Geneva, 10-11 November 2014**

### **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 10 and 11 November 2014, following the meetings of Working Parties 5A, 5B, 5C and 5D (see Circular Letters [5/LCCE/50](#) and [5/LCCE/51](#)).

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	10-11 November 2014	Monday, 3 November 2014 at 1600 hours UTC	Monday, 10 November 2014 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)**

Three draft new and 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 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 ground floor and first floor 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.

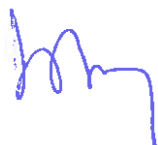
#### **5 Remote participation**

In order to facilitate remote participation in ITU-R meetings an audio webcast of the Study Group Plenary meetings in all languages will be provided through the ITU Internet Broadcasting Service (IBS). Participants do not need to register for the meeting to use the webcast facility.

## **6 Participation/Visa requirements/Accommodation**

Advance registration to ITU-R events is mandatory and carried out exclusively online through Designated Focal Points (DFPs). Each ITU-R Member has been requested to designate a DFP responsible for the handling of all registration formalities, including visa support requests that should also be submitted by the DFP during the on-line registration process. Individuals wishing to be registered to an ITU-R event should contact directly the DFP for their entity. The list of ITU-R DFPs (TIES protected) as well as detailed information on event registration, visa support requirements, hotel accommodation, etc., can be found at:

[www.itu.int/en/ITU-R/information/events](http://www.itu.int/en/ITU-R/information/events)



**François Rancy**  
Director

**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
- 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, 10 - 11 November 2014)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Summary Record of the previous meeting (Document [5/97](#))
- 5** Consideration of the outputs of the Working Parties
  - 5.1** Working Party 5A
  - 5.2** Working Party 5B
  - 5.3** Working Party 5C
  - 5.4** Working Party 5D
- 6** Consideration of the outputs of Joint Task Group 4-5-6-7
- 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 Recommendations proposed for adoption at the Study Group 5 meeting**

Draft new Recommendation ITU-R M.[ANT ROT]

Document [5/102](#)

#### **Antenna rotation variability and effects on antenna coupling for radar interference analysis**

This Recommendation describes the effect of antenna rotation on antenna coupling for interference and compatibility analysis.

Draft new Recommendation ITU-R M.[IMT.OOBE BS]

Document [5/108](#)

#### **Generic unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT-Advanced**

This Recommendation provides the generic unwanted emission characteristics (spurious and out-of-band (OoB) emissions) of base stations using the terrestrial radio interfaces of IMT-Advanced.

Draft new Recommendation ITU-R M.[IMT.OOBE MS]

Document [5/109](#)

#### **Generic unwanted emission characteristics of mobile stations using the terrestrial radio interfaces of IMT-Advanced**

This Recommendation provides the generic unwanted emission characteristics (spurious and out-of-band (OoB) emissions) of mobile stations using the terrestrial radio interfaces of IMT-Advanced, suitable for establishing the technical basis for global circulation of IMT-Advanced terminals.

Draft revision of Recommendation ITU-R M.2003

Document [5/105](#)

#### **Multiple Gigabit Wireless Systems in frequencies around 60 GHz**

In this revision, the IEEE and WGA standards information were updated and ETSI standard information was corrected.

**Characteristics of and protection criteria for sharing studies for radiolocation aeronautical radionavigation and meteorological radars operating in the frequency bands between 5 250 and 5 850 MHz**

This revision removes the technical parameters of meteorological radars in Table 2 that are duplicated in Recommendation ITU-R M.1849 (2007), and adds and modifies technical parameters of several new non-meteorological radars. It also brings this Recommendation in line with the new format.

**Guideline on technical and operational requirements for stations of the aeronautical mobile (R) service limited to surface application at airports in the frequency band 5 091-5 150 MHz**

The revisions reflect:

- (a) the removal at WRC-12 of the aeronautical mobile service allocation supporting aeronautical security systems, and
- (b) additional flexibility afforded to the aeronautical mobile (R) service while still maintaining compatibility with the co-band fixed satellite service.

**Global circulation of IMT terrestrial terminals**

This revision adds the technical basis for global circulation of IMT-Advanced terminals. Furthermore, some minor editorial changes were made.

### **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 revision of Recommendation ITU-R M.1076 – Wireless communication systems for persons with impaired hearing (Annex 11 to [Document 5A/543](#))

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 13 to [Document 5A/543](#))

Working document toward 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 14 to [Document 5A/543](#))

Preliminary draft new Recommendation ITU-R M.[MS 14.5-15.35 CHAR] – Characteristics of and protection criteria for systems operating in the mobile service in the frequency range 14.5-15.35 GHz (Annex 16 to [Document 5A/543](#))

Preliminary draft revision of Recommendation ITU-R M.1824 – System characteristics of television outside broadcast, electronic news gathering and electronic field production in the mobile service for use in sharing studies (Annex 17 to [Document 5A/543](#))

Working document toward a preliminary draft new Recommendation ITU-R M.[V2X] – Radio interface standards of vehicle to vehicle and vehicle to infrastructure communications for intelligent transport systems applications (Annex 19 to [Document 5A/543](#))

##### **Working Party 5B**

Working document toward a preliminary draft revision of Recommendation ITU-R M.1174-2 – Technical characteristics of equipment used for on-board vessel communications in the bands between 450 and 470 MHz (Annex 14 to [Document 5B/636](#))

Working document toward a preliminary draft revision of Recommendation ITU-R M.493-13 – Digital selective-calling system for use in the maritime mobile service (Annex 11 to [Document 5B/636](#))



Working document toward a preliminary draft revision of Recommendation ITU-R M. 541-9 – Operational procedures for the use of digital selective-calling equipment in the maritime mobile service (Annex 12 to [Document 5B/636](#))

Working document toward a preliminary draft revision of Recommendation ITU-R M. 585-6 – Assignment and use of identities in the maritime mobile service (Annex 13 to [Document 5B/636](#))

Preliminary draft revision of Recommendation ITU-R M.1460-1 – Technical and operational characteristics and protection criteria of radiodetermination radars in the frequency band 2 900-3 100 MHz (Annex 15 to [Document 5B/636](#))

Preliminary draft revision of Recommendation ITU-R M.1464-1 – Characteristics of radiolocation radars, and characteristics and protection criteria for sharing studies for aeronautical radionavigation and meteorological radars in the radiodetermination service operating in the frequency band 2 700-2 900 MHz (Annex 16 to [Document 5B/636](#))

Preliminary draft revision of Recommendation ITU-R M.1465-1 – Characteristics of and protection criteria for radars operating in the radiodetermination service in the frequency band 3 100-3 700 MHz (Annex 17 to [Document 5B/636](#))

Preliminary draft revision of Recommendation ITU-R M.1849-0 – Technical and operational aspects of ground-based meteorological radars (Annex 18 to [Document 5B/636](#))

Preliminary draft revision of Recommendation ITU-R M.1463-2 – 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/475](#))

Preliminary draft new Recommendation ITU-R M.[WAIC] – Definitions, technical characteristics and protection criteria for Wireless Avionics Intra-Communications systems ([Document 5B/TEMP/301](#))

Working document towards a preliminary draft new Recommendation ITU-R M.[AMS-CHAR-24] – Technical characteristics and protection criteria for aeronautical mobile service systems in the frequency bands 22.5-23.6 and 25.25-27.5 GHz ([Document 5B/TEMP/306](#))

Working document towards a preliminary draft new Recommendation ITU-R M.[AMS-CHAR-15GHZ] – Technical characteristics and protection criteria for aeronautical mobile service systems in the frequency range 14.5-15.35 GHz (Document 5B/TEMP/305)

Working document towards a preliminary draft new Recommendation [PEAK FDR] – Peak frequency dependent rejection for pulsed systems (Annex 23 to [Document 5B/475](#))

Working document toward a preliminary draft new Recommendation or Report ITU-R M.[VDES] – Technical characteristics for a VHF data exchange system in the VHF maritime mobile band (Annex 24 to [Document 5B/475](#))

## **Working Party 5C**

Working document towards preliminary draft new Recommendation ITU-R F.[FS DEPLOY] – Deployment scenarios for point-to-point systems in the fixed service (Annex 2 to [Document 5C/298](#))

Preliminary draft revision of Recommendation ITU-R F.758-5 – System parameters and 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 4 to [Document 5C/298](#))

Working document towards a preliminary draft 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 4 to [Document 5C/235](#))

## **Working Party 5D**

Preliminary draft revision of Recommendation ITU-R M.1457-11 – Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2000 (IMT-2000). (Att. 5.14 to [Document 5D/726](#))

Preliminary draft revision of Recommendation ITU-R M.1036-4 – Frequency arrangements for implementation of the terrestrial component of International Mobile Telecommunications (IMT) in the bands identified for IMT in the Radio Regulations (RR) (Att. 4.xx to [Document 5D/726](#))

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