



## Radiocommunication Bureau (BR)

Circular Letter  
5/LCCE/108

21 June 2023

**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 Academia**

Subject: **Meeting of ITU-R Working Party 5A (Geneva, 13 – 22 September 2023)**

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

### 1 Introduction

By means of this Circular Letter, I wish to announce that the meeting of ITU-R Working Party 5A (WP 5A) will take place in Geneva, Switzerland, on the dates indicated in the table below.

Groups	Meeting dates	Deadline for contributions 16:00 hours UTC	Opening Session
<b>Working Party 5A</b>	13 – 22 September 2023	Wednesday, 6 September 2023	Wednesday, 13 September 2023 at <b>1300</b> hours

At the previous meeting of WP 5A, it was agreed to limit the 30<sup>th</sup> meeting of WP 5A to five days, 18 to 22 September 2023. However, due to the necessity that additional days will be needed to complete the deliverables in support of WRC-23 agenda item 9.1 topic b), a **Plenary session of WP 5A will take place on the 13 September at 1300 hours (Geneva time)** and will be limited in scope to amateur services matters (WG 5A-1) followed by the meetings of this WG. **WG 5A-1 will be the only Working Group meeting on 13 to 15 September**, plus part of the weekend if necessary. Another Plenary session of WP 5A will take place on Monday 18 September at 0900 hours (Geneva time) to initiate the work of the other Working Groups.

**See Annex 1 for the preliminary schedule of the sessions.**

The meeting arrangements have been made in alignment with the procedures being considered by the Radiocommunication Bureau for a physical meeting with remote participation (for example, Document [RAG/INFO/9\(Rev.1\)](#)).

## 2 Programme of the meeting of Working Party 5A

The draft agenda for the meeting is contained in Annex 2.

The status of texts assigned to the Working Party can be found on:

<http://www.itu.int/md/R19-SG05-C-0001/en>

The Working Party will conduct their work in English.

The working hours of the meeting will be from 0900 to 1700 hours (Geneva time), a more precise time schedule can be found in Annex 1 and will be further detailed in the ADM documents of the meeting.

## 3 Contributions

Contributions in response to the work of Working Party 5A are invited. These will be processed according to the provisions laid down in Resolution [ITU-R 1-8](#).

The deadline for reception of contributions not requiring translation\* (including Revisions, Addenda and Corrigenda to contributions) is seven calendar days (1600 hours UTC) prior to the start of the Opening Plenary of WP 5A. **The deadline for reception of contributions for this meeting is specified in the table above.** Submissions received later than this deadline cannot be accepted. Resolution ITU-R 1-8 provides that contributions which are not available to participants at the opening of the meeting cannot be considered.

Members are encouraged to submit their contributions as early as possible and possibly include a contact name and email address to facilitate the discussion (cf. § A2.2.4.4 of Resolution [ITU-R 1-8](#)).

Participants are requested to submit contributions by electronic mail to:

[rsg5@itu.int](mailto:rsg5@itu.int)

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

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

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

## 4 Documents

Contributions will be posted "as received" within one working day on the Working Party webpages established for this purpose. The official versions will be posted on <https://www.itu.int/md/R19-WP5A-C/en> within 3 working days. The Membership is encouraged to submit documents well in advance of the contribution deadline (Wednesday, 6 September 2023, 16:00, UTC).

---

\* Where translation is required, contributions should be received at least three months prior to the meeting.

## 5 Participation/Visa requirements/Accommodation/Registration for the event

Registration to this event is mandatory and will be carried out exclusively on-line via Designated Focal Points (DFPs) for ITU-R event registration. **Participants must first complete an online registration form and submit their registration request for approval by the corresponding focal point.** Participants would require an ITU account for this purpose.

While registering for the event, please duly take into consideration the information related to the current sanitary measures, as indicated on the [ITU COVID-19 free website](#).

Participants are strongly encouraged to **register early** and to indicate if they intend **to attend the meeting in person or remotely**. Please ensure that the box "Remote" is ticked during the registration process, if attending remotely. If the box is not ticked, physical participation will be assumed.) Participants are further encouraged to consult the safety and security information which is regularly updated before making travel arrangements should they choose to attend the event in person.

The list of ITU-R DFPs (TIES protected) as well as detailed information on this event registration system, 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)

Please note that for meetings in Geneva, visa support must be requested during the online registration process and may take up to 21 days. Please see <https://www.itu.int/en/ITU-R/information/events/Pages/visa.aspx> for further information.

## 6 Connecting to the meeting sessions for remote participation

Access to meeting sessions is restricted to event registered participants only. Delegates wishing to connect to the meeting remotely can access Working Party 5A meeting sessions from the webpage for remote participation:

<https://www.itu.int/en/events/Pages/Virtual-Sessions.aspx>

These virtual meeting session connections will become available 30 minutes before the starting time of each session.

Delegates wishing to troubleshoot remote participation connectivity issues can do so during the 30-minute period prior to the start of the first session of each day. It is highly recommended to verify the connections, particularly for those delegates who intend to actively participate in the discussions.

Some meeting rooms may not allow for the audio of the remote participation platform to be integrated with the room audio system. In these meeting rooms, the in-person participants would be required to connect to the remote participation platform. Therefore, the in-person participants are required to bring a good quality wired headset with integrated microphone to the meeting sessions for use in such meeting rooms.

## **7 Webcast**

For those interested in following the proceedings of ITU-R meetings remotely, an audio webcast of the Working Party plenary sessions will be provided through the ITU Internet Broadcasting Service (IBS). Participants do not need to register for the meeting to use the webcast facility, however TIES access is required.

For further questions relating to this Circular Letter, please contact Mr Uwe Löwenstein, SG 5 Counsellor, at [uwe.loewenstein@itu.int](mailto:uwe.loewenstein@itu.int).

Mario Maniewicz  
Director

**Annexes: 2**

## Annex 1

### Preliminary schedule of the meetings

#### 1<sup>st</sup> week (week 37)

Time (Geneva time)	Wed 13 <sup>th</sup>	Thu 14 <sup>th</sup>	Fri 15 <sup>th</sup>
0900-1015		WG 5A-1	WG 5A-1
1045-1200		WG 5A-1	WG 5A-1
1300-1400	<b>WP 5A plenary</b> (Limited to WG 5A-1 activities) <i>Followed by WG 5A-1</i>		
1400-1515	WG 5A-1	WG 5A-1	WG 5A-1
1545-1700	WG 5A-1	WG 5A-1	WG 5A-1

#### 2<sup>nd</sup> week (week 38)

Time (Geneva time)	Mon 18 <sup>th</sup>	Tue 19 <sup>th</sup>	Wed 20 <sup>th</sup>	Thu 21 <sup>st</sup>	Fri 22 <sup>nd</sup>
0900-1015	<b>WP 5A plenary</b> (Opening Plenary)	WG meetings	WG meetings	WG meetings	WG meetings
1045-1200	WG meetings	WG meetings	WG meetings	WG meetings	WG meetings
1400-1515	WG meetings	WG meetings	WG meetings	WG meetings	<b>WP 5A plenary</b>
1545-1700	WG meetings	WG meetings	WG meetings	WG meetings	<b>WP 5A plenary</b>

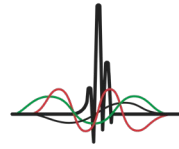
## **Annex 2**

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

(Geneva, Switzerland, 13 – 22 September 2023)

- 1** Opening remarks
- 2** Approval of the agenda
- 3** Report of the last meeting of Working Party 5A (Document [5A/769](#))
- 4** Adoption of work program for the meeting
- 5** Report from Rapporteurs and Correspondence Groups
- 6** Any other business

José M. COSTA  
Chairman, Working Party 5A



**ITUWRC**

DUBAI2023

20 November - 15 December 2023  
Dubai, United Arab Emirates

## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/1067**

6 July 2023

**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 Academia**

Subject: **Meeting of Radiocommunication Study Group 5 (Terrestrial Services), Geneva, 25 and 26 September 2023**

### 1 Introduction

By means of this Administrative Circular, I wish to announce that a meeting of ITU-R Study Group 5 will take place in Geneva on 25 and 26 September 2023, following a meeting of Working Party 5A (see Circular Letter [5/LCCE/108](#)).

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

Group	Meeting date	Deadline for contributions at 1600 hours UTC	Opening session (Geneva time)
Study Group 5	Monday, 25 and Tuesday, 26 September 2023	Monday, 18 September 2023 at 1600 hours UTC	Monday, 25 September 2023 at 0930 hours

### 2 Programme of the meeting

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

<http://www.itu.int/md/R19-SG05-C-0001/en>

The working hours of the meeting are scheduled to be **0930 to 1700 hours Geneva time**. Other relevant information will be published on the Study Group website, as well as in administrative and information documents.

#### 2.1 Adoption of draft Recommendations at the Study Group meeting (§ A2.6.2.2.2 of Resolution ITU-R 1-8)

Ten draft revisions of ITU-R Recommendations are proposed for adoption by the Study Group at its meeting in accordance with § A2.6.2.2.2 of Resolution ITU-R 1-8.

In accordance with § A2.6.2.2.2.1 of Resolution ITU-R 1-8, the titles and summaries of the draft Recommendations are given in Annex 2.

## **2.2 Adoption of draft Recommendations by a Study Group by correspondence (§ A2.6.2.2.3 of Resolution ITU-R 1-8)**

The procedure described in § A2.6.2.2.3 of Resolution ITU-R 1-8 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 meeting of Working Party 5A 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 the draft Recommendations as described in § A2.6.2.4 of Resolution ITU-R 1-8 (see also § 2.3 below), if there is no objection to this approach by any Member State attending the meeting and if the Recommendation is not incorporated by reference in the Radio Regulations.

In accordance with § A1.3.1.13 of Resolution ITU-R 1-8, 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 § A2.6.2.3 of Resolution ITU-R 1-8, unless the Study Group has decided to use the PSAA procedure as described in § A2.6.2.4 of Resolution ITU-R 1-8 (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 1-8.

The deadline for reception of contributions not requiring translation\* (including Revisions, Addenda and Corrigenda to contributions) is 7 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 1-8 provides that contributions which are not available to participants at the opening of the meeting cannot 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 ([rsg5-cvc@itu.int](mailto:rsg5-cvc@itu.int)). The pertinent addresses can be found on:

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

---

\* Where translation is required, contributions should be received at least three months prior to the meeting.



#### 4 Documents

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

<http://www.itu.int/md/R19-SG05.AR-C/en>

The official versions will be posted on <http://www.itu.int/md/R19-SG05-C/en> within 3 working days.

In accordance with Resolution 167 (Rev. Dubai, 2018) of the Plenipotentiary Conference, **the Study Group meeting will be completely paperless.**

#### 5 Interpretation

Taking into account the resources available, interpretation will only be provided during the first day of the meeting. Consideration of the main deliverables by the meeting should be addressed on that first day.

#### 6 Participation/Visa requirements/Accommodation/Registration for the event

Registration to this event is mandatory and will be carried out exclusively on-line via Designated Focal Points (DFPs) for ITU-R event registration. **Participants must first complete an online registration form and submit their registration request for approval by the corresponding focal point.** Participants would require an ITU account for this purpose. An ITU/TIES account is required from participants to submit a registration request and obtain registration approval from the corresponding focal point.

While registering for the event, please duly take into consideration the information related to the current sanitary measures, as indicated on the [ITU COVID-19 free](#) website.

Participants are strongly encouraged to **register early** and to indicate **if they intend to attend the meeting in person or remotely** (see Annex 4) and are further encouraged to consult the safety and security information which is regularly updated before making travel arrangements should they choose to attend the event in person.

The list of ITU-R DFPS (TIES protected) as well as detailed information on this event registration system, 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)

Please note that for meetings in Geneva, visa support must be requested during the online registration process and may take up to 21 days. Please see <https://www.itu.int/en/ITU-R/information/events/Pages/visa.aspx>

## **7 Connecting to the meeting sessions for remote participation**

Access to meeting sessions is restricted to event registered participants only. Delegates wishing to connect to the meeting remotely can access Study Group plenary sessions from the webpage for remote participation:

<https://www.itu.int/en/events/Pages/Virtual-Sessions.aspx>

These virtual meeting session connections will be available 30 minutes before the starting time of each session.

## **8 Webcast**

For those interested in following the proceedings of ITU-R meetings remotely, an audio webcast of the Study Group plenary sessions will be provided through the ITU Internet Broadcasting Service (IBS). Participants do not need to register for the meeting to use the webcast facility, however [TIES access](#) is required.

For further questions relating to this Administrative Circular, please contact Mr Uwe Löwenstein, SG 5 Counsellor, at [uwe.loewenstein@itu.int](mailto:uwe.loewenstein@itu.int).

Mario Maniewicz  
Director

**Annexes: 4**

## **Annex 1**

### **Draft agenda for the meeting of Radiocommunication Study Group 5**

(25 and 26 September 2023)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Summary record of the previous meeting (Document [5/112](#))
- 5** Executive Reports from Working Party Chairmen
  - 5.1** Working Party 5A
  - 5.2** Working Party 5B
  - 5.3** Working Party 5C
  - 5.4** Working Party 5D
- 6** Consideration of new and revised Recommendations
- 7** Consideration of new and revised Reports
- 8** Consideration of new and revised Questions
- 9** Suppression of Recommendations, Reports and Questions
- 10** Consideration of relevant ITU-R Resolutions in preparing for RA-23
- 11** Status of Recommendations, Reports, Handbooks, Questions, Opinions, Resolutions and Decisions
- 12** Liaison with other ITU-R Study Groups, ITU Sectors and international organizations
- 13** Consideration of the outputs of the SG 5 Working Parties
- 14** Consideration of other inputs
- 15** Consideration of future work programme and schedule of meetings
- 16** Next meeting of SG 5
- 17** Any other business

Martin FENTON  
Chairman, Radiocommunication Study Group 5

## Annex 2

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

#### **Working Party 5A**

Draft revision of Recommendation ITU-R M.2121-0

Doc. [5/129](#)

#### **Harmonization of frequency bands for Intelligent Transport Systems in the mobile service**

In this version, the following revisions were made:

- In *noting h)*, revised portions of the text.
- In the Annex, added a frequency band used in Brazil and revised the frequency bands used in Canada and the United States.

#### **Working Party 5C**

Draft revision of Recommendation ITU-R F.746-10

Doc. [5/126](#)

#### **Radio-frequency arrangements for fixed service systems**

The revision contains the consequential change to Table 1 in the light of the latest version of Recommendations regarding channel arrangements and also conforms with the mandatory format for ITU-R Recommendations

Draft revision of Recommendation ITU-R F.1568-1

Doc. [5/124](#)

#### **Radio-frequency block arrangements for fixed wireless access systems in the range 10.15-10.3/10.5-10.65 GHz**

The revision contains the consequential change to considering part and recognizing part in the light of the current version of Recommendation ITU-R F.746 and the latest version of RR, respectively. This revision also conforms with the mandatory format for ITU-R Recommendations.

## Working Party 5D

Draft revision of Recommendation ITU-R M.2150-1

Doc. [5/132](#)

### **Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020)**

This modification of Recommendation ITU-R M.2150 is intended to keep the specified technologies of the terrestrial component of IMT-2020 up to date. The main changes include the addition of enhanced capabilities for 3GPP 5G-SRIT (Set of Radio Interface Technologies), 3GPP 5G-RIT (Radio Interface Technology), DECT 5G-SRIT, and some consequential changes to the overview sections of the text, as well as to the Global Core Specifications. Also the transposition references have been updated in Annexes 1, 2 and 4. 5Gi RIT has no update and Annex 3 remains the same as previous Revision.

Draft revision of Recommendation ITU-R M.2012-5

Doc. [5/133](#)

### **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 LTE-Advanced SRIT (Set of Radio Interface Technologies), and some consequential changes to the overview sections of the text, as well as to the Global Core Specifications. Also, the transposition references have been updated in Annex 1. WirelessMAN-Advanced RIT (Radio Interface Technology) has no update and Annex 2 remains the same as previous Revision.

Draft revision of Recommendation ITU-R M.1036-6

Doc. [5/134](#)

### **Frequency arrangements for implementation of the terrestrial component of International Mobile Telecommunications in the bands identified for IMT in the Radio Regulations**

This revision provides frequency arrangements for the bands identified at WRC-19 for the implementation of the terrestrial component of IMT systems and strictly consequential updates to align the text with the decisions adopted at WRC-19 in Article 5 of the RR and related Resolutions, as well as reflect one newly approved document. The revision also adds one frequency arrangement in section 3 of the Annex based on inputs from administrations.

### **Unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT Advanced**

This revision provides an update with the latest developments of IMT-Advanced received from standardization bodies. The band tables for LTE-Advanced has been split into frequencies that are identified for IMT in the RR and frequencies that are not identified for IMT in the RR. The scope, *considerings*, *notings*, *recognizings* and *recommends* have been revised and rearranged.

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

This revision provides an update with the latest developments of IMT-Advanced received from standardization bodies. The band table for LTE-Advanced has been split into frequencies that are identified for IMT in the RR and frequencies that are not identified for IMT in the RR. The scope, *considerings*, *notings*, *recognizings* and *recommends* have been revised and rearranged.

### **Guidelines to assist administrations to mitigate in-band interference from FSS earth stations operating in the frequency bands 24.65-25.25 GHz, 27-27.5 GHz, 42.5-43.5 GHz and 47.2-48.2 GHz into IMT stations**

The purpose of this Recommendation is to describe guidelines to assist administrations to mitigate in-band interference from FSS earth stations into International Mobile Telecommunications (IMT) stations in the relevant frequency bands.

### **Framework and overall objectives of the future development [of the terrestrial component] of IMT for 2030 and beyond**

This Recommendation describes a framework and overall objectives for the development of the terrestrial component of International Mobile Telecommunications (IMT) for 2030 and beyond (IMT-2030). In this Recommendation, the framework of the development of IMT-2030, including a broad variety of capabilities associated with envisaged usage scenarios, is described. Furthermore, this Recommendation addresses the objectives for the development of IMT-2030, which includes further enhancement and evolution of existing IMT. Aspects of interworking with other networks are also addressed.

## Annex 3

### Topics to be addressed at the meeting of Working Party 5A (WP 5A) held prior to the meeting of Study Group 5 and for which draft Recommendations may be developed

#### Working Party 5A

The preceding September meeting of WP 5A is expected to complete the work on the Report and Recommendation related to WRC-23 agenda item 9.1 b) and submit them to Study Group 5 for its consideration (see [Annex 5](#) and [Annex 6](#) to Document [5A/769](#), respectively).



Furthermore, WP 5A is also working on the following Recommendations:

- A new Recommendations ITU-R M.[RSTT\_FRQ] addressing the *“Harmonization of spectrum for existing and future Railway Radiocommunication Systems between Train and Trackside (RSTT) within the frequency bands allocated to the mobile service”* (see [Annex 8](#) to Document [5A/769](#)).
- Revision of Recommendation ITU-R M.1450 – *“Characteristics of broadband radio local area networks”* (see [Annex 9](#) to Document [5A/769](#))
- 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”* (see [Annex 10](#) to Document [5A/769](#))

## Annex 4

### Information on registration for participants in ITU-R events

Please ensure that the box “Remote” is ticked during the registration process, if attending remotely. If the box is not ticked, physical participation will be assumed.

I Wish to Attend the Following Meeting(s)			
Select at least one meeting	Start Date - End Date	Participating remotely	Function*
<input type="checkbox"/> ITU-R WP 5A	13/09/2023 - 22/09/2023	<input type="checkbox"/>	Choose a function... 
<input type="checkbox"/> ITU-R SG 5	25/09/2023 - 26/09/2023	<input type="checkbox"/>	Choose a function... 

---