Radiocommunication Bureau (BR)

Administrative Circular
CACE/1153

28 August 2025

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

Subject: **Meeting of Radiocommunication Study Group 5 (Terrestrial Services) Geneva, 1-2 December 2025**

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 1-2 December 2025, following the meetings of Working Parties 5A, 5B and 5C (see Circular Letter 5/LCCE/120).

The Study Group meeting will be held in the ITU Headquarters, Geneva (see below).

Group	Meeting date	Deadline for contributions	Sessions
Study Group 5	Monday, 1 and Tuesday, 2 December 2025	Wednesday, 19 November 2025 at 1600 hours UTC	Monday, 1 December 2025 0930-1700 hours and Tuesday, 2 December 2025 0900-1700 hours (hours in local time)

Directly following this SG 5 meeting, the first "*Inter-regional Information Session on WRC-27 Preparation*" (IRIS) is scheduled from 3 to 5 December 2025 in Geneva, and will be announced shortly in a separate Administrative Circular (CA).

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 at:

http://www.itu.int/md/R23-SG05-C-0001/en

The working hours of the meeting are scheduled to be 0930 to 1700 hours (Monday, 1 December 2025) and 0900 to 1700 hours (Tuesday, 2 December 2025), both 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 1-9)

Ten draft revisions of Recommendations are proposed for adoption by the Study Group in accordance with § A2.6.2.2.2 of Resolution ITU-R 1-9.

In accordance with § A2.6.2.2.2.1 of Resolution ITU-R 1-9, 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 1-9)

The procedure described in § A2.6.2.2.3 of Resolution ITU-R 1-9 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 the draft Recommendations as described in § A2.6.2.4 of Resolution ITU-R 1-9 (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 1-9, 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 1-9, unless the Study Group has decided to use the PSAA procedure as described in § A2.6.2.4 of Resolution ITU-R 1-9 (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 1-9.

The deadline for reception of contributions not requiring translation* (including Revisions, Addenda and Corrigenda to contributions) is **twelve calendar days** (1600 hours UTC) prior to the start of the meeting (see table above). Contributions received later than this deadline cannot be accepted. Resolution ITU-R 1-9 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

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

A copy should also be sent to the Chair and Vice-Chairs of Study Group 5 (rsg5-cvc@itu.int). The pertinent addresses can also be found on:

http://www.itu.int/go/ITU-R/sg5/cvc

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/md/R23-SG05-C/en within 3 working days.

5 Interpretation

Due to financial constraints and the availability of interpreters, **Member States are asked to confirm by 28 September 2025** that interpretation in Arabic, Chinese or Spanish is required. Interpretation in French and Russian has already been confirmed for this meeting.

6 Registration/Visa requirements/Accommodation

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 require an ITU account for this purpose and are strongly encouraged to **register early** and to indicate **if they intend to attend the meeting in person or remotely**.

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

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.

7 Remote participation and Webcast

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 become available 30 minutes before the starting time of each session.

For those interested in following the proceedings of ITU-R meetings remotely, an audio webcast of the Study Group plenary sessions will be provided. 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, Study Group 5 Counsellor, at uwe.loewenstein@itu.int.

Mario Maniewicz
Director

Annexes: 3

Annex 1

Draft agenda for the meeting of Radiocommunication Study Group 5

(Geneva, 1-2 December 2025)

1 Opening of the meeting

2 Approval of the agenda

3 Appointment of the Rapporteur

4 Summary Record of the previous meeting (Document 5/59)

5 Report on the CVC and RAG meetings held earlier in 2025

6 Executive Reports from Working Party Chairs

- **6.1** Working Party 5A
- **6.2** Working Party 5B
- **6.3** Working Party 5C
- **6.4** Working Party 5D

7 Consideration of new and revised Recommendations

8 Consideration of new and revised Reports

9 Consideration of new and revised Questions

10 Suppression of Recommendations, Reports and Questions

11 Status of Handbooks, Questions, Recommendations, Reports, Opinions, Resolutions and Decisions

12 Liaison with other ITU-R Study Groups, ITU Sectors and international organizations

13 Schedule of meetings

14 Other business

Dr KJ WEE
Chair, 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.1450-5 Doc. 5/66

Characteristics of broadband radio local area networks

This revision includes additional characteristics of broadband radio local area networks (RLANs). Technical requirements applicable in certain administrations and/or regions were updated based on inputs from administrations. Abbreviations/Glossary (formerly Table 1) were inserted and Note 1 referring to "Table 1" was deleted to conform with the mandatory format of ITU-R Recommendations.

Draft revision of Recommendation ITU-R M.1801-2 Doc. 5/67

Radio interface standards for broadband wireless access systems, including mobile and nomadic applications, in the mobile service operating below 6 GHz

In this revision the description of the IMT terrestrial radio interfaces has been replaced by references to the relevant ITU-R Recommendations to avoid duplication and other consequential amendments made throughout the draft revision, including updates of other annexes. The title of the Recommendation has been amended in accordance with the Radio Regulations, which now identify certain frequency bands up to 71 GHz for the implementation of IMT. The organization of the draft revision has been updated in accordance with the mandatory Format of ITU-R Recommendations.

{Note by BR: As requested, the links to the "ETSI standards search" (https://www.etsi.org/standards-search) has been updated at 2 locations)}

Draft revision of Recommendation ITU-R F.1763-1 Doc. 5/68(Rev.1)

Radio interface standards for broadband wireless access systems in the fixed service operating below 66 GHz

This revision includes the specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020) for broadband wireless access systems.

Draft new Recommendation ITU-R M.[RSTT_FRQ] Doc. 5/69

Guidance on 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 and operating in accordance to the Radio Regulations

This Recommendation provides guidance on frequency ranges to facilitate harmonization of frequency bands within the existing Mobile Service allocations for existing and future railway radiocommunication systems between train and tracksides (RSTT) on global or regional levels.

Working Party 5B

None.

Working Party 5C

Draft revision of Recommendation ITU-R F.1821 Doc. 5/72

Characteristics of advanced digital ~~high frequency (HF)~~ radiocommunication systems operating in the frequency range 2-30 MHz

This revision includes typical RF characteristics of advanced digital HF systems and networked system configurations, that could be used to provide advanced high-speed network-based applications in frequency range 2 to 30 MHz. The proposed revisions to this version include the addition of parameters to all Tables, additional Recommendations, updates of the Recommendation' Question 127/9, revised Recommendation Title and editorial revisions, to align with the mandatory format for ITU-R Recommendations.

Draft revision of Recommendation ITU-R F.1762 Doc. 5/73

Characteristics of enhanced applications for ~~high frequency (HF)~~ radiocommunication systems operating in the frequency range 2-30 MHz

The proposed updates include a list of additional enhanced applications as well as updated system parameters that would support the deployment of enhanced applications through high-speed digital networks within the 2 to 30 MHz frequency range. Additionally, emission masks that are appropriate for HF system operating in non-networked configurations are included for contiguous systems and with non-contiguous systems. In addition, the list of Recommendations and Reports related to this topic was updated. Furthermore, the ITU-R Questions listed below the title of the Recommendation was updated. Finally, revisions were made to conform with the mandatory format for ITU-R Recommendations.

Draft revision of Recommendation ITU-R F.699-8 Doc. 5/74

Reference radiation patterns for fixed wireless system antennas for use in coordination studies and interference assessment in the frequency range from 100 MHz to ~~86~~174.8 GHz

The main revisions are to update the upper frequency from 86 to 174.8 GHz. Supplementary patterns have been added at 96, 132 and 157 GHz, including comparisons of recent measurements to Recommendation ITU-R F.699-8. Some patterns are suppressed. Annex 1, Section 4 'Radiation patterns of high-performance antennas' is deleted.

Draft new Recommendation ITU-R F.[D-BAND] Doc. 5/75(Rev.1)

Radio-frequency channel and block arrangements for fixed service systems operating in the 130-134 GHz, 141-148.5 GHz, 151.5-164 GHz and 167-174.8 GHz ranges

This Recommendation describes channel and block arrangements in the portions of the frequency range 130.0-174.8 GHz allocated to the fixed service. The arrangements are based on a 250 MHz basic channel raster from which N × 250 MHz channel size can be defined and are proposed for either frequency division duplex (FDD) or time division duplex (TDD) applications. Alternative duplex schemes, such as flexible frequency division duplex (fFDD) or full duplex (FD) may also be considered.

Draft new Recommendation ITU-R F.[W-BAND] Doc. 5/76(Rev.1)

Radio-frequency channel and block arrangements for fixed service systems operating in the 92-94 GHz, 94.1-100 GHz, 102-109.5 GHz and 111.8-114.25 GHz ranges

This Recommendation describes channel and block arrangements in the portions of the frequency range 92.0-114.25 GHz allocated to the fixed service. The arrangements are based on a 250 MHz basic channel raster from which Nx250 MHz channel size can be defined and are proposed for either frequency division duplex (FDD) or time division duplex (TDD) applications. Alternative duplex schemes, such as flexible frequency division duplex (fFDD) or full duplex (FD) may also be considered.

Working Party 5D

Draft revision of Recommendation ITU-R M.1036-7 Doc. 5/61

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

This revision reflects the addition of frequency arrangements developed as a result of IMT identifications made by WRC-23, the associated footnotes, and related Resolutions, as well as to reflect documents newly approved in ITU-R. An additional frequency arrangement, A14, was added in section 3. Editorial adjustments were made to existing sections to accommodate the addition of the new frequency arrangements. The figures depicting the frequency arrangements were revised to ensure consistency throughout the entire Recommendation.

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.1042-3 - Disaster communications in the amateur and amateur-satellite services] (See Annex 5.3 to Document 5A/274).

Working Party 5B

Preliminary draft revision of Recommendation ITU-R M.1638-1 - Characteristics of and protection criteria for sharing studies for radiolocation (except ground based meteorological radars) and aeronautical radionavigation radars operating in the frequency bands between 5 250 and 5 850 MHz (See Annex 2.8 to Document 5B/315).

Preliminary draft new Recommendation ITU-R M.[AMRS-VDL] - Characteristics and protection [criteria] for the International Civil Aviation Organization standardized VHF datalink Mode 2 systems operating in the aeronautical mobile (route) service in the frequency band 136-137 MHz (See Annex 3.3 to Document 5B/315).

Preliminary draft new Recommendation ITU-R M[AM(R)S_AMS(R)S_CHAR_5GHZ] - Characteristics and Protection Criteria of Terrestrial and Satellite Unmanned Aircraft System Control and Non-Payload Communications Links operating in the aeronautical mobile (route) (See Annex 3.2 to Document 5B/315).

Preliminary draft revision of Recommendation ITU-R M.2092-1 - Technical characteristics for a VHF data exchange system in the VHF maritime mobile band (See Annex 4.7 to Document 5B/315).

Preliminary draft revision of Recommendation ITU-R M.2058-1 - Characteristics of a digital system, referred to as navigational data for broadcasting maritime safety and security related information from shore-to-ship in the maritime HF frequency band (See Annex 4.6 to Document 5B/315).

Preliminary draft revision of Recommendation ITU-R M.2010-2 - Characteristics of a digital system, referred to as navigational data for broadcasting maritime safety and security related information from shore-to-ship in the 500 kHz band (See Annex 4.5 to Document 5B/315).

Preliminary draft revision of Recommendation ITU-R M.1371-5 - Technical characteristics for an automatic identification system using time division multiple access in the VHF maritime mobile frequency band (See Annex 4.4 to Document 5B/315).

Preliminary draft revision of Recommendation ITU-R M.585-9 - Assignment and use of identities in the maritime mobile service (See Annex 4.2 to Document 5B/315).

Preliminary draft new Recommendation ITU-R M.[AMS CHARACTERISTICS_1 780-1 850 MHZ] - Technical characteristics and protection criteria for systems operating in the aeronautical mobile service within the frequency range 1 780-1 850 MHz (See Annex 22 to Document 5B/216).

Working Party 5C

Preliminary draft revision of Recommendation ITU-R F.2086-0 - Deployment scenarios for point-to-point systems in the fixed service (See Annex 1.1 to Document 5C/206).

Working Party 5D

Preliminary draft revision of Recommendation ITU-R M.2012-6 - Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced) (See Annex 5.5 to Document 5D/792).

Preliminary draft revision of Recommendation ITU-R M.2150-2 - Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020) (See Annex 5.6 to Document 5D/792).

Draft new Recommendation ITU-R M.[IMT-2020.UNWANT.BS] – Unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT-2020 (See Annex 5.9 to Document 5D/792).

Draft new Recommendation ITU-R M.[IMT-2020.UNWANT.MS] – Unwanted emission characteristics of mobile stations using the terrestrial radio interfaces of IMT-2020 (See Annex 5.10 to Document 5D/792).

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