



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/1137**

5 March 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 3**

**Subject: Meetings of Radiocommunication Study Group 3 (Radio-wave propagation) Geneva, 26 May and 6 June 2025**

### 1 Introduction

By means of this Administrative Circular, I wish to announce that two meetings of ITU-R Study Group 3 will take place in Geneva on 26 May (morning only) and Friday 6 June 2025, following the meetings of Working Parties 3J, 3K, 3L and 3M (see Circular Letter [3/LCCE/49](#)).

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

Group	Meeting date	Deadline for contributions	Sessions
Study Group 3	Monday, 26 May 2025 (morning only)	Wednesday, 14 May 2025 at 1600 hours UTC	Monday, 26 May 2025 0930-1215 hours (local time)
	Friday, 6 June 2025	Sunday, 25 May 2025 at 1600 hours UTC	Friday, 6 June 2025 0930-1700 hours (local time)

### 2 Programme of the meetings

The draft agenda for the meetings of Study Group 3 is contained in Annexes 1 and 2. The status of texts assigned to Study Group 3 can be found at:

<http://www.itu.int/md/R23-SG03-C-0001/en>

#### 2.1 Adoption of draft Recommendations at the Study Group meeting (§ A2.6.2.2.2 of Resolution ITU-R 1-9)

No Recommendations are proposed for adoption by the Study Group in accordance with § A2.6.2.2.2 of Resolution [ITU-R 1-9](#).

## **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 3J, 3K, 3L and 3M held prior to the Study Group meetings 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 prior to the Study Group meetings, 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 3 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:

[rsg3@itu.int](mailto:rsg3@itu.int)

A copy should also be sent to the Chair of Study Group 3. The address can be found on:

<http://itu.int/go/ITU-R/SG3/Chair>

## **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-SG03-C/en> within 3 working days.

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

## 5 Interpretation

Due to financial constraints and the availability of interpreters, **Member States are asked to confirm by 5 April 2025** that interpretation in Arabic, Chinese, French, Spanish or Russian is required.

## 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](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.

## 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 David Botha, Study Group 3 Counsellor, at [david.botha@itu.int](mailto:david.botha@itu.int).

Mario Maniewicz  
Director

## **Annex 1**

### **Draft agenda for the meeting of Radiocommunication Study Group 3**

(26 May 2025)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Summary Record of the June 2024 meeting (Document [3/18](#))
- 5** Report on the RAG 2025 meeting
- 6** Study Group 3 structure
- 7** Other business
- 8** Closing

Clare ALLEN  
Chair, Radiocommunication Study Group 3

## **Annex 2**

### **Draft agenda for the meeting of Radiocommunication Study Group 3**

(6 June 2025)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Executive Reports from the Working Party Chairs
  - 4.1** Working Party 3J
  - 4.2** Working Party 3K
  - 4.3** Working Party 3L
  - 4.4** Working Party 3M
- 5** Consideration of new and revised Recommendations where notice of intention to seek adoption was not given (see Resolution ITU-R 1-9, §§ A2.6.2.2.3, A2.6.2.3 and A2.6.2.4)
  - Decision to seek adoption
  - Decision on eventual approval procedure to be followed
  - 5.1** Working Party 3J
  - 5.2** Working Party 3K
  - 5.3** Working Party 3L
  - 5.4** Working Party 3M
- 6** Consideration of new and revised Reports
- 7** Consideration of new and revised Questions
- 8** Suppression of Recommendations, Reports and Questions
- 9** Status of Recommendations, Reports, Handbooks, Questions, Opinions, Resolutions and Decisions
- 10** Liaison with other ITU-R Study Groups, ITU Sectors and international organizations
- 11** Consideration of other contributions
- 12** Consideration of future work programme and schedule of meetings
- 13** Other business
- 14** Closing

Clare ALLEN  
Chair, Radiocommunication Study Group 3

## **Annex 3**

### **Topics to be addressed at meetings of Working Parties 3J, 3K, 3L and 3M held prior to the meeting of Study Group 3 and for which draft Recommendations may be developed**

#### **Working Party 3J**

- 1 Proposed modification to Recommendation ITU-R P.453-14 – Global digital maps of surface and elevated ducts (see Annex 1 to Document [3J/116](#))
- 2 Proposed revision of Recommendation ITU-R P.453-14 – The radio refractive index: its formula and refractivity data - Surface and elevated ducts (see Annex 2 to Document [3J/116](#))
- 3 Summary of proposed revisions to Recommendation ITU-R P.453 – The radio refractive index: its formula and refractivity data (see Annex 3 to Document [3J/116](#))
- 4 Working document towards a preliminary draft revision to Recommendation ITU-R P.834-9 – The refraction correction of elevation angle for the mean annual global reference atmosphere (see Annex 4 to Document [3J/116](#))
- 5 Preliminary draft new Recommendation ITU-R P.[LAND\_BISTATIC\_SCATTER] – Land surface bistatic scattering coefficient prediction (see Annex 5 to Document [3J/116](#))
- 6 Preliminary draft revision of Recommendation ITU-R P.341-7 – The concept of transmission loss for radio links (see Annex 8 to Document [3J/116](#))
- 7 Preliminary draft revision of Recommendation ITU-R P.453-14 – The radio refractive index: its formula and refractivity data (see Annex 9 to Document [3J/116](#))
- 8 Preliminary draft revision of recommendation ITU-R P.676-13 – Gaseous attenuation and related effects (see Annex 9 to Document [3J/116](#))
- 9 Working document towards a preliminary draft revision of Recommendation ITU-R P.676-13 – Gaseous attenuation and related effects (see Annex 11 to Document [3J/116](#))
- 10 Working document towards a preliminary draft revision of Section 7 of Recommendation ITU-R P.834-9 (see Annex 12 to Document [3J/116](#))
- 11 Working document towards a preliminary draft revision of Recommendation ITU-R P.838 – Specific attenuation model for rain for use in prediction methods (see Annex 14 to Document [3J/116](#))
- 12 Preliminary draft revision of Recommendation ITU-R P.310 – Proposed revision to terms and new definitions (see Annex 15 to Document [3J/116](#))
- 13 Preliminary draft revision of Recommendation ITU-R P.2040-1 – Effects of building materials and structures on radio-wave propagation above about 100 MHz (see Annex 16 to Document [3J/116](#))
- 14 Preliminary draft revision of Recommendation ITU-R P.526-15 – Propagation by diffraction (see Annex 19 to Document [3J/116](#))
- 15 Preliminary draft revision of Recommendation ITU-R P.837-7 – Characteristics of precipitation for propagation modelling (see Annex 20 to Document [3J/116](#))

- 16 Preliminary draft new Recommendation ITU-R P.[LUNAR] – Propagation characteristics and prediction methods required for lunar radiocommunication (see Annex 21 to Document [3J/116](#))
- 17 Working document towards a preliminary draft revision of Recommendation ITU-R P.834-9 – Effects of tropospheric refraction on radio-wave propagation (see Annex 22 to Document [3J/116](#))

### **Working Party 3K**

- 1 Preliminary draft revision to Recommendation ITU-R P.1812-7 – Clutter classification model (Annex 1 to Document [3K/124](#))
- 2 Preliminary draft revision of Recommendation ITU-R P.1546-6 – Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 4 000 MHz (Annex 2 to Document [3K/124](#))
- 3 Preliminary draft revision of Recommendation ITU-R P.1546-6 – Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 4 000 MHz (Annex 3 to Document [3K/124](#))
- 4 Working document towards a preliminary draft revision of Recommendation ITU-R P.528-5 – A propagation prediction method for aeronautical mobile and radionavigation services using the VHF, UHF and SHF bands (Annex 4 to Document [3K/124](#))
- 5 Working items for a future revision of Recommendation ITU-R P.1238 – Propagation data and prediction methods for the planning of indoor radiocommunication systems and radio local area networks in the frequency range 300 MHz to 450 GHz (Annex 7 to Document [3K/124](#))
- 6 Working items for a future revision of Recommendation ITU-R P.1410 – Propagation data and prediction methods required for the design of terrestrial broadband radio access systems operating in a frequency range from 3 to 60 GHz (Annex 8 to Document [3K/124](#))
- 7 Working items for a future revision of Recommendation ITU-R P.1411 – Propagation data and prediction methods for the planning of short-range outdoor radiocommunication systems and radio local area networks in the frequency range 300 MHz to 100 GHz (Annex 9 to Document [3K/124](#))
- 8 Working document towards a preliminary draft revision of Recommendation ITU-R P.2108-1 – Prediction of clutter loss (Annex 10 to Document [3K/124](#))

### **Working Party 3L**

- 1 Working document towards a preliminary draft revision of Recommendation ITU-R P.533-14 – Update  $L_y$  and  $L_z$  values (see Annex 1 to Document [3L/31](#))
- 2 Preliminary draft revision of Recommendation ITU-R P.684-8 – Prediction of field strength at frequencies below about 150 kHz (see Annex 4 to Document [3L/31](#))
- 3 Working document towards a draft new fascicle on RF techniques to retrieve Ionospheric parameters (see Annex 6 to Document [3L/31](#))
- 4 Preliminary draft revision to Recommendation ITU-R P.531-15 – Ionospheric propagation data and prediction methods required for the design of satellite networks and systems (see Annex 11 to Document [3L/31](#))

### **Working Party 3M**

- 1 Preliminary draft revision of Recommendation ITU-R P.530-18 – Propagation data and prediction methods required for the design of terrestrial line-of-sight systems (Annex 2 to Document [3M/157](#))
  - 2 Discussion document on wet antenna effects (Annex 4 to Document [3M/157](#))
  - 3 Preliminary draft revision of Recommendation ITU-R P.617-5 – Propagation prediction techniques and data required for the design of trans-horizon radio-relay systems (Annex 5 to Document [3M/157](#))
  - 4 Preliminary draft revision of Recommendation ITU-R P.1814-0 – Prediction methods required for the design of terrestrial free-space optical links (Annex 6 to Document [3M/157](#))
  - 5 Considerations regarding a working document towards a preliminary draft revision of Recommendation ITU-R P.618 – Preliminary draft revisions and future work (Annex 8 to Document [3M/157](#))
  - 6 Proposed modifications to Recommendation ITU-R P.452-17 – Gaseous attenuation and total transmission loss (Annex 9 to Document [3M/157](#))
  - 7 Working document toward a preliminary draft revision of the clutter loss prediction method in Recommendation ITU-R P.452-17 – Determination of a minimum distance of local clutter for the application of the Bullington method (Annex 10 to Document [3M/157](#))
  - 8 Preliminary draft revision of Recommendation ITU-R P.311-18 – Acquisition, presentation and analysis of data in studies of radio-wave propagation (Annex 11 to Document [3M/157](#))
  - 9 Working document toward a preliminary draft revision to Recommendation ITU-R P.619-5 – Propagation data required for the evaluation of interference between stations in space and those on the surface of the Earth (Annex 13 to Document [3M/157](#))
  - 10 Working document towards a future revision of Recommendation ITU-R P.1409 – Propagation data and prediction methods for systems using high altitude platform stations and other elevated stations in the stratosphere at frequencies greater than about 0.7 GHz (Annex 14 to Document [3M/157](#))
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