



ITUWRC
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Dubai, United Arab Emirates

Radiocommunication Bureau (BR)

Administrative Circular
CACE/1053

1 March 2023

To Administrations of Member States of the ITU, Radiocommunication Sector Members, ITU-R Associates participating in the work of the Radiocommunication Study Group 3 and ITU Academia

Subject: **Meeting of Radiocommunication Study Group 3 (Radiowave Propagation), Geneva, 2 June 2023**

1 Introduction

By means of this Administrative Circular, I wish to announce that a meeting of ITU-R Study Group 3 will take place in Geneva on 2 June 2023, following the meetings of Working Parties 3J, 3K, 3L and 3M (see Circular Letter [3/LCCE/46](#)).

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

Group	Meeting date	Deadline for contributions	Opening session
Study Group 3	Friday, 2 June 2023	Friday, 26 May 2023 at 1600 hours UTC	Friday, 2 June 2023 at 0930 hours (local time)

2 Programme of the meeting

The draft agenda for the meeting of Study Group 3 is contained in Annex 1. The status of texts assigned to Study Group 3 can be found on:

www.itu.int/md/R19-SG03-C-0001/en

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

No Recommendations are proposed for adoption by the Study Group in accordance with § A2.6.2.2.2 of Resolution ITU-R 1-8.

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 meetings of Working Parties 3J, 3K, 3L and 3M 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 2 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 3 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 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 1-8 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:

rsg3@itu.int

A copy should also be sent to the Chairman and Vice-Chairmen of Study Group 3. The pertinent addresses can be found on:

www.itu.int/go/rsg3/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-SG03.AR-C/en>

The official versions will be posted on <http://www.itu.int/md/R19-SG03-C/en> within three working days.

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** (see Annex 3) 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 new 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.

6 Connecting to the meeting sessions for remote participation

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

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

Connections for remote participation will become available 30 minutes before the starting time of each session.

7 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.

8 Conversion to a virtual meeting if COVID-19 related sanitary conditions substantially worsen

Should COVID-19 related sanitary conditions worsen, the meeting organizers will inform all participants of a possible conversion of the meeting to a virtual one in due course via an addendum to this Administrative Circular.

For further questions relating to this Administrative Circular, please contact, Mr David Botha, Study Group 3 Counsellor, at david.botha@itu.int.

Mario Maniewicz
Director

Annexes: 3

Annex 1

Draft agenda for the meeting of Radiocommunication Study Group 3

(Geneva, 2 June 2023)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Summary Record of the previous meeting (Document [3/93](#))
- 5** Executive Reports from Working Party Chairmen
 - 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 Recommendations
 - 6.1** Recommendations where notice of intention to seek adoption was not given (see Resolution ITU-R 1-8, §§ A2.6.2.2.2, A2.6.2.2.3 and A2.6.2.4)
 - Decision to adopt the text by the Study Group
 - Decision on eventual approval procedure to be followed
- 7** Consideration of editorial amendments to Recommendations (see Resolution ITU-R 1-8, § A2.6.2.5)
- 8** Consideration of new and revised Reports
- 9** Consideration of new and revised Questions
- 10** Suppression of Recommendations, Reports and Questions
- 11** Consideration of other contributions
- 12** Status of Handbooks, Questions, Recommendations, Reports, Opinions, Resolutions and Decisions
- 13** Liaison with other Study Groups and international organizations
- 14** Schedule of meetings
- 15** Any other business

Carol WILSON
Chairman, Radiocommunication Study Group 3

Annex 2

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

Proposed modification to Recommendation ITU-R P.834-9 - The refraction correction of elevation angle for the mean annual global reference atmosphere - see Annex 1 to Document [3J/225](#).

Proposed modification to Recommendation ITU-R P.453-14 - Global digital maps of surface and elevated ducts - see Annex 2 to Document [3J/225](#).

Proposed revision of Recommendation ITU-R P.453-14 - The radio refractive index: its formula and refractivity data - Surface and elevated ducts - see Annex 3 to Document [3J/225](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.525-4 - Calculation of free-space attenuation - see Annex 8 to Document [3J/225](#).

Preliminary draft revision of Recommendation ITU-R P.834 - Effects of tropospheric refraction on radiowave propagation - see Annex 11 to Document [3J/225](#).

Preliminary draft revision of Recommendation ITU-R P.835-6 - Reference standard atmospheres - see Annex 12 to Document [3J/225](#).

Preliminary draft revision of Recommendation ITU-R P.835-6 - Annex 2 - Reference standard atmospheres - see Annex 13 to Document [3J/225](#).

Summary of working documents toward a preliminary draft revision of Recommendation ITU-R P.835-6 - Annex 3 - see Annex 14 to Document [3J/225](#).

Summary of proposed revisions to Recommendation ITU R P.453 - The radio refractive index: its formula and refractivity data - see Annex 15 to Document [3J/225](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.838-3 - Variability of rain specific attenuation at 80-200 GHz - see Annex 16 to Document [3J/225](#).

Preliminary draft revision of Recommendation ITU-R P.840-8 - see Annex 17 to Document [3J/225](#).

Working document towards a preliminary draft revision to Recommendation ITU-R P.839-4 - see Annex 18 to Document [3J/225](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.678-3 - see Annex 22 to Document [3J/225](#).

Preliminary draft revision of Recommendation ITU-R P.833-10 - Statistical foliage effect measurements in various irregular shapes of broadleaf trees and empirical model proposal at 2-10 GHz - - see Annex 25 to Document [3J/225](#).

Preliminary draft revision to Recommendation ITU-R P.2040-1 - Effects of building materials and structures on radiowave propagation above about 100 MHz - see Annex 26 to Document [3J/225](#).

Preliminary draft revision of Recommendation ITU-R P.526-15 - Propagation by diffraction - see Annex 28 to Document [3J/225](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.310 - Proposed revision to terms and new definitions - see Annex 29 to Document [3J/225](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.2040-2 - Complex relative permittivity of building materials— see Annex 30 to Document [3J/225](#).

Working Party 3K

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 - see Annex 1 to Document [3K/264](#).

Working document towards a future preliminary draft revision of Recommendation ITU-R P.1812-6 - Using digital surface data in the radio path profile - see Annex 2 to Document [3K/264](#).

Working item 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 - see Annex 7 to Document [3K/264](#).

Working items for a future revision of Recommendation ITU-R P.1411-11 - 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 - see Annex 8 to Document [3K/264](#).

Working items for 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 - see Annex 9 to Document [3K/264](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.2108-1 - Prediction of clutter loss – see Annex 15 to Document [3K/264](#)

Working document towards a draft revision of Recommendation ITU-R P.2108-1 - Prediction of clutter loss – see Annex 17 to Document [3K/264](#).

Working Party 3L

Preliminary draft revision of Recommendation ITU-R P.684-7 – see Annex 1 to Document [3L/86](#).

Document for a possible revision of the scintillation prediction model in Recommendation ITU-R P.531-14 - see Annex 3 to Document [3L/86](#).

Preliminary draft document towards revision of Recommendation ITU-R P.531-14 - see Annex 4 to Document [3L/86](#).

Future revisions of Recommendation ITU-R P.372 - Discrepancies between Figures 2 and 3 (and software) concerning frequency dependency of radio noise - see Annex 8 to Document [3L/86](#).

Working document towards preliminary draft revisions to Part 5 of Recommendation ITU-R P.372-15 and associated software - see Annex 9 to Document [3L/86](#).

Working document towards preliminary draft revisions of Recommendations ITU-R P.372-14 and ITU-R P.618-13 - see Annex 10 to Document [3L/86](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.372 - Radio Noise - see Annex 11 to Document [3L/86](#).

Future revisions of Recommendation ITU-R P.372 - Representation of impulsive, narrowband and indoor noise - see Annex 12 to Document [3L/86](#).

Future revisions of Recommendation ITU-R P.372 - Gap analysis of the outdoor radio noise measurements - see Annex 13 to Document [3L/86](#).

Working Party 3M

Considerations regarding a working document towards a preliminary draft revision of Recommendation ITU-R P.618 - Preliminary draft revisions and future work— see Annex 1 to Document [3M/364](#).

Preliminary draft revision of the clutter loss prediction method in Recommendation ITU-R P.452-17 - Prediction procedure for the evaluation of interference between stations on the surface of the Earth at frequencies above about 0.1 GHz - see Annex 3 to Document [3M/364](#).

Preliminary draft revision of Recommendation ITU-R P.452-17 (Hydrometeor Scatter) Prediction procedure for the evaluation of interference between stations on the surface of the Earth at frequencies above about 0.1 GHz - see Annex 4 to Document [3M/364](#).

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 - see Annex 6 to Document [3M/364](#).

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 - see Annex 7 to Document [3M/364](#).

Working document towards a draft revision of Recommendation ITU-R P.2108-1 - Prediction of clutter loss - see Annex 9 to Document [3M/364](#).

Working document towards a preliminary draft revision of Recommendation ITU-R P.2108-1 - Prediction of clutter loss - see Annex 11 to Document [3M/364](#).

Annex 3

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 3J	22/05/2023 - 01/06/2023	<input type="checkbox"/>	Choose a function... ▼
<input type="checkbox"/> ITU-R WP 3K	22/05/2023 - 01/06/2023	<input type="checkbox"/>	Choose a function... ▼
<input type="checkbox"/> ITU-R WP 3M	22/05/2023 - 01/06/2023	<input type="checkbox"/>	Choose a function... ▼
<input type="checkbox"/> ITU-R WP 3L	24/05/2023 - 01/06/2023	<input type="checkbox"/>	Choose a function... ▼
<input type="checkbox"/> ITU-R SG 3	02/06/2023 - 02/06/2023	<input type="checkbox"/>	Choose a function... ▼
