



Radiocommunication Bureau (BR)

Administrative Circular
CACE/704

12 January 2015

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

Subject: **Meeting of Radiocommunication Study Group 3 (Radiowave propagation),
Geneva, 30 April to 1 May 2015**

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 from 30 April to 1 May 2015, following the meetings of Working Parties 3J, 3K, 3L and 3M (20-29 April 2015, see Circular Letter [3/LCCE/36](#)).

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	30 April - 1 May 2015	Thursday, 23 April 2015 at 1600 hours UTC	Thursday, 30 April 2015 at 0930 hours (local time)

2 Programme of meeting

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

<http://www.itu.int/pub/R-QUE-SG03/en>

2.1 Adoption of draft Recommendations at the Study Group meeting (§ 10.2.2 of Resolution ITU-R 1-6)

Two Recommendations are proposed for adoption by the Study Group in accordance with § 10.2.2 of Resolution ITU-R 1-6.

In accordance with § 10.2.2.1 of Resolution ITU-R 1-6, the titles and summaries of the draft revisions of 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 which 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 these 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 Working Party meetings held 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 3 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 stipulates 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:

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:

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

The official versions will be posted on <http://www.itu.int/md/R12-SG03-C/en> within 3 working days.

In accordance with Resolution 167 (Rev. Busan, 2014) **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 2nd basement of the Tower building and on the ground and first floors of the Montbrillant building for delegates who wish to print documents. In addition, the Service Desk (servicedesk@itu.int) has prepared a limited number of laptops for those who do not have one.

5 Remote participation

In order to follow the proceedings of ITU-R meetings remotely an audio webcast of the Study Group Plenary meetings will be provided in all languages through the ITU Internet Broadcasting Service (IBS).

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 directly contact 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

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 3
- ITU-R Associates participating in the work of Radiocommunication Study Group 3
- ITU-R Academia
- 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 3

(Geneva, 30 April - 1 May 2015, at 0930 hours)

- 1** Opening remarks
 - 1.1** Director BR
 - 1.2** Chairman
- 2** Approval of the agenda
- 3** Results of the Radiocommunication Advisory Group (RAG) meeting relevant to Study Group 3
- 4** Consideration of the outputs of the Working Parties
 - 4.1** Working Party 3J
 - 4.2** Working Party 3K
 - 4.3** Working Party 3L
 - 4.4** Working Party 3M
- 5** Consideration of other inputs (if any)
- 6** Consideration of new and revised Recommendations
 - 6.1** Recommendations where notice of intention to seek adoption was not given (see Resolution ITU-R 1-6, §§ 10.2.3, 10.3 and 10.4)
 - Decision on eventual approval procedure to be followed
- 7** Consideration of new and revised Reports
- 8** Consideration of new and revised Questions
- 9** Suppression of Recommendations, Reports and Questions
- 10** Consideration of other contributions
- 11** Status of Handbooks, Questions, Recommendations, Reports, Opinions, Resolutions and Decisions
- 12** Liaison with other Study Groups and international organizations
- 13** Schedule of meetings
- 14** Any other business

B. ARBESSER-RASTBURG
Chairman, Radiocommunication Study Group 3

Annex 2

Titles and summaries of the draft revisions of Recommendations proposed for adoption at the Study Group 3 meeting

Draft revision of Recommendation ITU-R P.1240-1

Doc. 3/62

ITU-R methods of basic MUF, operational MUF and ray-path prediction

A careful comparison of HF propagation methods described in Recommendations ITU-R P.533-12 and ITU-R P.1240-1 has identified an inconsistency between formulas for the calculation of “maximum ground range d_{\max} (km) for a single hop F2 mode”. This document proposes a change to Recommendation ITU-R P.1240-1 to make the formula for d_{\max} consistent with all revisions of Recommendations ITU-R P.533.

Draft revision to Recommendation ITU-R P.832-3

Doc. 3/61

World atlas of ground conductivities

The proposed modifications to Recommendation ITU-R P.832-3 are as follows:

- 1) Insert the new map for Brazil (Federative Republic).
- 2) Replace the two maps for parts of Germany (currently Figures 7 and 19 of Recommendation ITU-R P.832-3) by a new map.
- 3) Renumber the remaining figures accordingly.

Annex 3

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

Working Party 3J

- Preliminary draft revisions to Recommendations ITU-R P.2040, ITU-R P.679-3, ITU-R P.1238-7, ITU-R P.1406-1 and ITU-R P.1411-7 - Building entry loss ([Annex 1 to Document 3J/97](#))
- Preliminary draft revision to Recommendation ITU-R P.453-10 - The radio refractive index: its formula and refractivity data ([Annex 5 to Document 3J/97](#))
- Preliminary draft revision to Recommendation ITU-R P.678-2: New map of the climatic ratio ([Annex 6 to Document 3J/97](#))
- Working document toward a preliminary draft revision to Recommendation ITU-R P.1057-3 - Probability distributions relevant to radiowave propagation modelling ([Annex 7 to Document 3J/97](#))

Working Party 3K

- Preliminary draft revisions to Recommendations ITU-R P.2040, ITU-R P.679-3, ITU-R P.1238-7, ITU-R P.1406-1 and ITU-R P.1411-7 - Building entry loss ([Annex 1 to Document 3K/114](#))
- Proposed future revision to Recommendation ITU-R P.528-3 - Plan for future work for step-by-step method for Recommendation ITU-R P.528-3 ([Annex 5 to Document 3K/114](#))
- Preliminary draft revision to Recommendation ITU-R P.1406-1 - Propagation effects relating to terrestrial land mobile and broadcasting services in the VHF and UHF bands ([Annex 6 to Document 3K/114](#))
- Preliminary draft 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 7 to Document 3K/114](#))
- Preliminary draft revision of Recommendation ITU-R P.1238-7 - Propagation data and prediction methods for the planning of indoor radiocommunication systems and radio local area networks in the frequency range 900 MHz to 100 GHz ([Annex 8 to Document 3K/114](#))
- Preliminary draft revision of Recommendation ITU-R P.1812-3 - A path-specific propagation prediction method for point-to-area terrestrial services in the VHF and UHF bands ([Annex 9 to Document 3K/114](#))

- Preliminary draft revision to Recommendation ITU-R P.1812-3 - A path-specific propagation prediction method for point-to-area terrestrial services in the VHF and UHF bands ([Annex 10 to Document 3K/114](#))

Working Party 3L

- Preliminary draft revision to Recommendation ITU-R P.533-12 ([Annex 1 to Document 3L/99](#))
- Preliminary draft revision of Recommendation ITU-R P.1321 ([Annex 2 to Document 3L/99](#))

Working Party 3M

- Preliminary draft revisions to Recommendations ITU-R P.2040, ITU-R P.679-3, ITU-R P.1238-7, ITU-R P.1406-1 and ITU-R P.1411-7 - Building entry loss ([Annex 1 to Document 3M/183](#))
- Preliminary draft revision to Recommendation ITU-R P.311-14 - Acquisition, presentation and analysis of data in studies of radiowave propagation ([Annex 3 to Document 3M/183](#))
- Preliminary draft revision of Recommendation ITU-R P.452-15 - Prediction procedure for the evaluation of interference between stations on the surface of the Earth at frequencies above about 0.1 GHz ([Annex 4 to Document 3M/183](#))
- Preliminary draft revision of Recommendation ITU-R P.530-15 - Propagation data and prediction methods required for the design of terrestrial line-of-sight systems ([Annex 5 to Document 3M/183](#))
- Preliminary draft editorial revision of Recommendation ITU-R P.617-3 - Propagation prediction techniques and data required for the design of trans-horizon radio-relay systems ([Annex 6 to Document 3M/183](#))
- Working document toward a preliminary draft revision of Recommendation ITU-R P.618-10 - Proposed revisions and future work ([Annex 7 to Document 3M/183](#))
- Preliminary draft revision of Recommendation ITU-R P.618-11 - Propagation data and prediction methods required for the design of Earth-space telecommunication systems ([Annex 8 to Document 3M/183](#))
- Working document toward a preliminary draft revision of Recommendation ITU-R P.619-1 - Propagation data required for the evaluation of interference between stations in space and those on the surface of the Earth ([Annex 11 to Document 3M/183](#))
- Working document toward preliminary draft revisions of Recommendation ITU-R P.681 - Propagation data required for the design of Earth-space land mobile telecommunication systems ([Annex 12 to Document 3M/183](#))
- Preliminary draft revision of Recommendation ITU-R P.1621 - Propagation data required for the design of Earth-space systems operating between 20 THz and 375 THz ([Annex 13 to Document 3M/183](#))
- Working document toward a preliminary draft revision of Recommendation ITU-R P.2001-1 ([Annex 14 to Document 3M/183](#))
