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## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/1074**

29 August 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: **Radiocommunication Study Group 3 (Radiowave propagation)**  
– **Proposed approval of 1 draft revised ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 3 held on 2 June 2023, the Study Group decided to seek adoption of 1 draft revised ITU-R Recommendation by correspondence, in accordance with § A2.6.2.2.3 of Resolution ITU-R 1-8. The Recommendation has now been adopted by Study Group 3 and the approval procedure of Resolution ITU-R 1-8, § A2.6.2.3, is to be applied. The title and the summary of the draft Recommendation is given in the Annex to this letter. Any Member raising an objection to the approval of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

As stated in Administrative Circular [CACE/1066](#), dated 21 June 2023, the consultation period for the adoption of the Recommendation ended on 21 August 2023.

Having regard to the provisions of § A2.6.2.3 of Resolution ITU-R 1-8, Member States are requested to inform the Secretariat ([brsgd@itu.int](mailto:brsgd@itu.int)) by 29 October 2023, whether they approve or do not approve the proposal above.

After the above-mentioned deadline, the results of this consultation will be announced in an Administrative Circular and the approved Recommendation will be published as soon as practicable (see <http://www.itu.int/pub/R-REC>).

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendation mentioned in this letter is requested to disclose such information to the Secretariat as soon as possible. The Common Patent Policy for ITU-T/ITU-R/ISO/IEC is available at <http://www.itu.int/en/ITU-T/ipr/Pages/policy.aspx>.

Mario Maniewicz  
Director

**Annex:** Title and summary of the draft Recommendation

**Document:** Document 3/127(Rev.1)

This document is available in electronic format at: <https://www.itu.int/md/R19-SG03-C/en>

## Annex

### **Title and summary of the draft Recommendation adopted by Radiocommunication Study Group 3**

Draft revision of Recommendation ITU-R P.452-17

Doc. 3/127(Rev.1)

#### **Prediction procedure for the evaluation of interference between stations on the surface of the Earth at frequencies above about 100 MHz**

- The height-gain terminal clutter model is replaced by a clutter loss computation based on the clutter height profile along the path, which provides consistency in modelling clutter loss between Recommendations ITU-R P.452 and ITU-R P.1812-6. The revision includes a statement from Recommendation ITU-R P.526 that caution should be exercised when the local clutter is close to terminals.
- The troposcatter propagation prediction method is harmonized with the one from Recommendation ITU-R P.617-5. This revision is in conjunction with the simultaneous revision of the troposcatter propagation prediction method in Recommendations ITU-R P.1812-6 and ITU-R P.2001-4.
- The entire Section 5 is replaced with a new hydrometeor scatter model.

This revision also includes the sections “Abbreviations/Glossary” and “Related ITU Recommendations, Reports” that were previously missing.

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