



Radiocommunication Bureau (BR)

Administrative Circular
CACE/620

5 July 2013

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

Subject: **Radiocommunication Study Group 3 (Radiowave propagation)**
– **Proposed adoption by correspondence of 1 draft revised ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 3, held from 27 to 28 June 2013, the Study Group decided to seek adoption of 1 draft revised ITU-R Recommendation according to § 10.2.3 of Resolution ITU-R 1-6 (Adoption by a Study Group by correspondence). The title and summary of the draft Recommendation are given in the Annex.

The consideration period shall extend for two months ending on 5 September 2013. If within this period no objections are received from Member States, the approval by consultation procedure of § 10.4.5 of Resolution ITU-R 1-6 will be initiated.

Any Member State who objects to the adoption of the draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

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>.

François Rancy
Director

Annex: Title and summary of the draft Recommendation

Document: Document 3/15(Rev.1)

This document is available in electronic format at: <http://www.itu.int/md/R12-SG03-C/en>.

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
- Chairman and Vice-Chairmen of Radiocommunication Study Group 3
- 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

Title and summary of the draft Recommendation

Draft revision of Recommendation ITU-R P.526-12

Doc. 3/15(Rev.1)

Propagation by diffraction

A number of editorial errors have been identified in Recommendation ITU-R P.526-12, and these are corrected in the proposed revision given in the Attachment.

In addition, a new algorithm is proposed for the derivation of the smooth surface fit to a terrain profile in section 4.5 of the Recommendation. This procedure is mathematically equivalent to the exiting method, but computationally simpler.
