



Radiocommunication Bureau

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Administrative Circular
CACE/342

19 April 2005

**To Administrations of Member States of the ITU and Radiocommunication
Sector Members participating in the work of the Radiocommunication Study Groups
and the Special Committee on Regulatory/Procedural Matters**

Subject: Radiocommunication Study Group 3

- Adoption of 23 revised Recommendations by correspondence and their simultaneous approval in accordance with § 10.3 of Resolution ITU-R 1-4 (Procedure for the simultaneous adoption and approval by correspondence)

Radiowave propagation

By Administrative Circular CAR/184 dated 9 December 2004, 23 draft revised Recommendations and 1 draft new Recommendation were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU-R 1-4 (§ 10.3).

With the exception of the draft new Recommendation contained in Document 3/8(Rev.1), the conditions governing this procedure were met on 8 March 2005, with eight Administrations responding in favour of the adoption and approval of the respective Recommendations.

One Administration objected to the adoption of the draft new Recommendation in Document 3/8(Rev.1). In accordance with the provisions of Resolution ITU-R 1-4 and after consultation with the Study Group Chairman, the document will be sent back to the relevant Working Party for further review.

The approved Recommendations will be published by the ITU and Annex 1 to this Circular provides their titles, with the assigned numbers.

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Annex: 1

Distribution:

- Administrations of Member States and Radiocommunication Sector Members
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and the Special Committee on Regulatory/Procedural Matters
- Chairman and Vice-Chairmen of the Conference Preparatory Meeting
- Members of the Radio Regulations Board
- ITU-R Associates participating in the work of Radiocommunication Study Group 3
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

ANNEX 1

Titles of the Recommendations approved

Recommendation ITU-R P.531-8

(Doc. 3/7(Rev.2))

Ionospheric propagation data and prediction methods required for the design of satellite services and systems

Recommendation ITU-R P.1411-3

(Doc. 3/10(Rev.1))

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

Recommendation ITU-R P.1238-4

(Doc. 3/11(Rev.1))

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

Recommendation ITU-R P.1321-1

(Doc. 3/12(Rev.1))

Propagation factors affecting systems using digital modulation techniques at LF and MF

Recommendation ITU-R P.530-11

(Doc. 3/13(Rev.1))

Propagation data and prediction methods required for the design of terrestrial line-of-sight systems

Recommendation ITU-R P.311-12

(Doc. 3/14(Rev.1))

Acquisition, presentation and analysis of data in studies of tropospheric propagation

Recommendation ITU-R P.1407-2

(Doc. 3/15(Rev.1))

Multipath propagation and parameterization of its characteristics

Recommendation ITU-R P.368-8

(Doc. 3/16(Rev.1))

**Ground-wave propagation curves for frequencies
between 10 kHz and 30 MHz**

Recommendation ITU-R P.841-4

(Doc. 3/18(Rev.1))

Conversion of annual statistics to worst-month statistics

Recommendation ITU-R P.452-12

(Doc. 3/21(Rev.1))

**Prediction procedure for the evaluation of microwave interference
between stations on the surface of the Earth
at frequencies above about 0.7 GHz**

Recommendation ITU-R P.620-6

(Doc. 3/26(Rev.1))

**Propagation data required for the evaluation of coordination distances
in the frequency range 100 MHz to 105 GHz**

Recommendation ITU-R P.1410-3

(Doc. 3/27(Rev.1))

**Propagation data and prediction methods required for the design
of terrestrial broadband millimetric radio access systems
operating in a frequency range of about 20-50 GHz**

Recommendation ITU-R P.1621-1

(Doc. 3/28(Rev.1))

**Propagation data required for the design of Earth-space systems
operating between 20 THz and 375 THz**

Recommendation ITU-R P.676-6

(Doc. 3/29(Rev.1))

Attenuation by atmospheric gases

Recommendation ITU-R P.834-5

(Doc. 3/31(Rev.1))

Effects of tropospheric refraction on radiowave propagation

Recommendation ITU-R P.838-3

(Doc. 3/32(Rev.1))

Specific attenuation model for rain for use in prediction methods

Recommendation ITU-R P.835-4

(Doc. 3/33(Rev.1))

Reference standard atmospheres

Recommendation ITU-R P.1623-1

(Doc. 3/34(Rev.1))

Prediction method of fade dynamics on Earth-space paths

Recommendation ITU-R P.313-10

(Doc. 3/39(Rev.1))

**Exchange of information for short-term forecasts and transmission
of ionospheric disturbance warnings**

Recommendation ITU-R P.533-8

(Doc. 3/40(Rev.1))

HF propagation prediction method

Recommendation ITU-R P.842-3

(Doc. 3/41(Rev.1))

Computation of reliability and compatibility of HF radio systems

Recommendation ITU-R P.1147-3

(Doc. 3/42(Rev.1))

**Prediction of sky-wave field strength at frequencies
between about 150 and 1700 kHz**

Recommendation ITU-R P.684-4

(Doc. 3/44(Rev.1))

Prediction of field strength at frequencies below about 150 kHz
