



Radiocommunication Bureau (BR)

Administrative Circular
CACE/636

10 October 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)**

- **Adoption of 2 new ITU-R Recommendations and 24 revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § 10.3 of Resolution ITU-R 1-6 (Procedure for the simultaneous adoption and approval by correspondence)**
- **Suppression of 1 ITU-R Recommendation**

By Administrative Circular CACE/622 dated 30 July 2013, 2 draft new ITU-R Recommendations and 24 draft revised ITU-R Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU-R 1-6 (§ 10.3). In addition, the Study Group proposed the suppression of 1 ITU-R Recommendation.

The conditions governing this procedure were met on 30 September 2013.

The approved Recommendations will be published by the ITU and Annex 1 to this Circular provides their titles, with the assigned numbers. Annex 2 provides the suppressed Recommendation.

François Rancy
Director

Annexes: 2

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
- 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
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

Annex 1

Titles of the approved Recommendations

Recommendation ITU-R P.2040-0

Doc. 3/21(Rev.1)

Effects of building materials and structures on radiowave propagation above about 100 MHz

Recommendation ITU-R P.2041-0

Doc. 3/48(Rev.1)

Prediction of path attenuation on links between an airborne platform and space and between an airborne platform and the surface of the Earth

Recommendation ITU-R P.676-10

Doc. 3/11(Rev.1)

Attenuation by atmospheric gases

Recommendation ITU-R P.1407-5

Doc. 3/12(Rev.1)

Multipath propagation and parameterization of its characteristics

Recommendation ITU-R P.1057-3

Doc. 3/13(Rev.1)

Probability distributions relevant to radiowave propagation modeling

Recommendation ITU-R P.833-8

Doc. 3/14(Rev.1)

Attenuation in vegetation

Recommendation ITU-R P.678-2

Doc. 3/16(Rev.1)

Characterization of the variability of propagation phenomena and estimation of the risk associated with propagation margin

Recommendation ITU-R P.840-6

Doc. 3/18(Rev.1)

Attenuation due to clouds and fog

Recommendation ITU-R P.836-5

Doc. 3/19(Rev.1)

Water vapour: surface density and total columnar content

Recommendation ITU-R P.839-4

Doc. 3/20(Rev.1)

Rain height model for prediction methods

Recommendation ITU-R P.1321-4

Doc. 3/23(Rev.1)

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

Recommendation ITU-R P.373-10

Doc. 3/24(Rev.1)

Definitions of maximum and minimum transmission frequencies

Recommendation ITU-R P.842-5

Doc. 3/25(Rev.1)

Computation of reliability and compatibility of HF radio systems

Recommendation ITU-R P.533-12

Doc. 3/26(Rev.1)

Method for the prediction of the performance of HF circuits

Recommendation ITU-R P.372-11

Doc. 3/28(Rev.1)

Radio noise

Recommendation ITU-R P.1411-7

Doc. 3/33(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.1816-2

Doc. 3/34(Rev.1)

The prediction of the time and the spatial profile for broadband land mobile services using UHF and SHF bands

Recommendation ITU-R P.1812-3

Doc. 3/35(Rev.1)

A path-specific propagation prediction method for point-to-area terrestrial services in the VHF and UHF bands

Recommendation ITU-R P.531-12

Doc. 3/37(Rev.1)

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

Recommendation ITU-R P.1546-5

Doc. 3/39(Rev.1)

Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 3 000 MHz

Recommendation ITU-R P.618-11

Doc. 3/40(Rev.1)

Propagation data and prediction methods required for the design of Earth-space telecommunication systems

Recommendation ITU-R P.530-15

Doc. 3/41(Rev.1)

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

Recommendation ITU-R P.617-3

Doc. 3/43(Rev.1)

**Propagation prediction techniques and data required for the
design of trans-horizon radio-relay systems**

Recommendation ITU-R P.311-14

Doc. 3/45(Rev.1)

**Acquisition, presentation and analysis of data
in studies of radiowave propagation**

Recommendation ITU-R P.2001-1

Doc. 3/46(Rev.1)

**A general purpose wide-range terrestrial propagation model
in the frequency range 30 MHz to 50 GHz**

Recommendation ITU-R P.452-15

Doc. 3/51(Rev.1)

**Prediction procedure for the evaluation of interference between stations
on the surface of the Earth at frequencies above about 0.1 GHz**

Annex 2

Suppressed ITU-R Recommendation

Recommendation ITU-R	Title
P.313-11	Exchange of information for short-term forecasts and transmission of ionospheric disturbance warnings
