INTERNATIONAL TELECOMMUNICATION UNION

Radiocommunication Bureau
(Direct Fax N°. +41 22 730 57 85)

Administrative Circular
CACE/563

2 March 2012

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: **Radiocommunication Study Group 3 (Radiowave propagation)**

– **Adoption of 1 new Recommendation and 27 revised 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)**

By Administrative Circular CAR/328 dated 23 November 2011, 1 draft new Recommendation and 27 draft revised Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU-R 1-6 (§ 10.3).

The conditions governing this procedure were met on 23 February 2012.

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

François Rancy
Director, Radiocommunication Bureau

Annex: 1

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 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.2001 Doc. 3/95(Rev.1)

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

Recommendation ITU-R P.1410-5 Doc. 3/60(Rev.1)

Propagation data and prediction methods required for the design of terrestrial broadband radio access systems operating in a frequency range from 3 to 60 GHz

Recommendation ITU-R P.1411-6 Doc. 3/61(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.835-5 Doc. 3/64(Rev.2)

Reference standard atmospheres

Recommendation ITU-R P.676-9 Doc. 3/65(Rev.1)

Attenuation by atmospheric gases

Recommendation ITU-R P.837-6 Doc. 3/67(Rev.1)

Characteristics of precipitation for propagation modelling

Recommendation ITU-R P.453-10 Doc. 3/69(Rev.1)

The radio refractive index: its formula and refractivity data

Recommendation ITU-R P.833-7 Doc. 3/70(Rev.1)

Attenuation in vegetation

Recommendation ITU-R P.840-5 Doc. 3/71(Rev.1)

Attenuation due to clouds and fog

Recommendation ITU-R P.526-12 Doc. 3/72(Rev.1)

Propagation by diffraction

Recommendation ITU-R P.1144-6 Doc. 3/73(Rev.1)

Guide to the application of the propagation methods of Radiocommunication Study Group 3

Recommendation ITU-R P.528-3 Doc. 3/74(Rev.1)

Propagation curves for aeronautical mobile and radionavigation services using the VHF, UHF and SHF bands

Recommendation ITU-R P.1816-1 Doc. 3/75(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.1238-7 Doc. 3/76(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.684-6 Doc. 3/78(Rev.1)

Prediction of field strength at frequencies below about 150 kHz

Recommendation ITU-R P.534-5 Doc. 3/79(Rev.1)

Method for calculating sporadic-E field strength

Recommendation ITU-R P.832-3 Doc. 3/80(Rev.1)

World atlas of ground conductivities

Recommendation ITU-R P.533-11 Doc. 3/81(Rev.1)

Method for the prediction of the performance of HF circuits

Recommendation ITU-R P.1239-3 Doc. 3/82(Rev.1)

ITU-R reference ionospheric characteristics

Recommendation ITU-R P.531-11 Doc. 3/92(Rev.1)

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

Recommendation ITU-R P.1812-2 Doc. 3/94(Rev.2)

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

Recommendation ITU-R P.682-3 Doc. 3/97(Rev.1)

Propagation data required for the design of Earth-space aeronautical mobile telecommunication systems

Recommendation ITU-R P.1817-1 Doc. 3/98(Rev.1)

Propagation data required for the design of terrestrial free-space optical links

Recommendation ITU-R P.530-14 Doc. 3/100(Rev.1)

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

Recommendation ITU-R P.1409-1 Doc. 3/102(Rev.1)

Propagation data and prediction methods for systems using high altitude platform stations and other elevated stations in the stratosphere at frequencies greater than about 1 GHz

Recommendation ITU-R P.617-2 Doc. 3/103(Rev.1)

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

Recommendation ITU-R P.1853-1 Doc. 3/104(Rev.1)

Tropospheric attenuation time series synthesis

Recommendation ITU-R P.313-11 Doc. 3/107(Rev.1)

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