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| **Radiocommunication Bureau (BR)** |
| Administrative Circular**CACE/848** | 11 December 2017 |
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| **To Administrations of Member States of the ITU, Radiocommunication Sector Members,ITU-R Associates participating in the work of Radiocommunication Study Group 3and ITU Academia** |
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| Subject: | **Radiocommunication Study Group 3 (Radiowave propagation)****– Adoption of 13 revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-7 (Procedure for the simultaneous adoption and approval by correspondence)** |
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By Administrative Circular CACE/834 dated 2 October 2017, 13 draft revised ITU-R Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU‑R 1‑7 (§ A2.6.2.4).

The conditions governing this procedure were met on 4 December 2017.

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

François Rancy

Director

**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 Academia

– Chairmen and Vice-Chairmen of Radiocommunication Study Groups

– 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

Titles of the approved ITU-R Recommendations

Recommendation ITU-R P.1057-5 Doc. 3/65

Probability distributions relevant to radiowave propagation modelling

Recommendation ITU-R P.530-17 Doc. 3/67

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

Recommendation ITU-R P.834-9 Doc. 3/69

Effects of tropospheric refraction on radiowave propagation

Recommendation ITU-R P.453-13 Doc. 3/70

The radio refractive index: its formula and refractivity data

Recommendation ITU-R P.836-6 Doc. 3/73(Rev.1)

Water vapour: surface density and total columnar content

Recommendation ITU-R P.840-7 Doc. 3/76(Rev.1)

Attenuation due to clouds and fog

Recommendation ITU-R P.835-6 Doc. 3/77(Rev.1)

Reference standard atmospheres

Recommendation ITU-R P.617-4 Doc. 3/80(Rev.1)

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

Recommendation ITU-R P.618-13 Doc. 3/81

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

Recommendation ITU-R P.681-10 Doc. 3/82

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

Recommendation ITU-R P.619-3 Doc. 3/84(Rev.2)

Propagation data required for the evaluation of interference between
stations in space and those on the surface of the Earth

Recommendation ITU-R P.1144-9 Doc. 3/85(Rev.1)

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

Recommendation ITU-R P.311-17 Doc. 3/86(Rev.1)

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

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