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| **Radiocommunication Bureau (BR)** | | |
| Administrative Circular  **CACE/1157** | | 5 September 2025 |
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| **To Administrations of Member States of the ITU, Radiocommunication Sector Members, ITU-R Associates and ITU Academia participating in the work of Radiocommunication Study Group 3** | | |
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| Subject: | **Radiocommunication Study Group 3 (Radio-wave Propagation)**  **– Adoption of 1 new and 13 revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-9 (Procedure for the simultaneous adoption and approval by correspondence)** | |
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By Administrative Circular [CACE/1148](https://www.itu.int/md/R00-CACE-CIR-1148/en) dated 1 July 2025, 1 draft new and 13 draft revised ITU‑R Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU‑R 1‑9 (§ A2.6.2.4).

The conditions governing this procedure were met on 1 September 2025.

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

Mario Maniewicz  
Director

**Annex:** 1

Annex   
  
Titles of the approved ITU-R Recommendations

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| Recommendation ITU-R | Title | Document |
| P.2170-0 | Methods and models for predicting lunar radio-wave propagation characteristics | 3/34(Rev.1) |
| P.837-8 | Characteristics of precipitation for propagation modelling | 3/28(Rev.1) |
| P.310-11 | Definitions of terms relating to propagation in non-ionized media | 3/30 |
| P.2040-4 | Effects of building materials and structures on radio-wave propagation in the range of 1 MHz to 450 GHz | 3/32(Rev.1) |
| P.531-16 | Ionospheric propagation data and prediction methods required for the design of satellite networks and systems | 3/35(Rev.2) |
| P.1812-8 | A path-specific propagation prediction method for point-to-area terrestrial services in the frequency range 30 MHz to 6 GHz | 3/38 |
| P.1411-13 | 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 300 GHz | 3/39(Rev.1) |
| P.1238-13 | Propagation data and prediction methods for the planning of indoor radiocommunication systems and radio local area networks in the frequency range from 300 MHz to 450 GHz | 3/40(Rev.1) |
| P.617-6 | Propagation prediction techniques and data required for the design of trans-horizon radio-relay systems | 3/42(Rev.1) |
| P.1814-1 | Prediction methods required for the design of terrestrial free‑space optical links | 3/43(Rev.1) |
| P.530-19 | Propagation data and prediction methods required for the design of terrestrial line-of-sight systems | 3/44(Rev.1) |
| P.2001-6 | A general purpose wide-range terrestrial propagation model in the frequency range 30 MHz to 50 GHz | 3/45(Rev.1) |
| P.1409-4 | Propagation data and prediction methods for systems using high altitude platform stations and other elevated stations in the stratosphere at frequencies greater than about 700 MHz | 3/46(Rev.1) |
| P.619-6 | Propagation data required for the evaluation of interference between stations in space and those on the surface of the Earth | 3/47(Rev.1) |

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