



**ITUWRC**

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Dubai, United Arab Emirates

## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/1073**

29 August 2023

**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 Academia**

Subject: **Radiocommunication Study Group 3 (Radiowave Propagation)**

- **Adoption of 14 revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-8 (Procedure for the simultaneous adoption and approval by correspondence)**

By Administrative Circular [CACE/1065](#) dated 23 June 2023, 15 draft revised ITU-R Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU-R 1-8 (§ A2.6.2.4).

The conditions governing this procedure were met on 23 August 2023, with the exception of the adoption of the draft revision to Recommendation ITU-R P.1546-6 that will be returned to Study Group 3 as objections to its adoption had been received.

The approved Recommendations will be published by the 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

Recommendation ITU-R	Title	Doc.
P.371-9	Choice of indices for long-term ionospheric predictions	3/106(Rev.1)
P.1239-4	ITU-R reference ionospheric characteristics	3/107(Rev.1)
P.531-15	Ionospheric propagation data and prediction methods required for the design of satellite networks and systems	3/108(Rev.1)
P.840-9	Attenuation due to clouds and fog	3/114(Rev.1)
P.2040-3	Effects of building materials and structures on radiowave propagation above about 100 MHz	3/115(Rev.1)
P.2109-2	Prediction of building entry loss	3/117(Rev.1)
P.1812-7	A path-specific propagation prediction method for point-to-area terrestrial services in the frequency range 30 MHz to 6 GHz	3/118(Rev.1)
P.618-14	Propagation data and prediction methods required for the design of Earth-space telecommunication systems	3/120(Rev.1)
P.1238-12	Propagation data and prediction methods for the planning of indoor radiocommunication systems and radio local area networks in the frequency range 300 MHz to 450 GHz	3/121(Rev.1)
P.2001-5	A general purpose wide-range terrestrial propagation model in the frequency range 30 MHz to 50 GHz	3/122(Rev.1)
P.1410-6	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	3/123(Rev.1)
P.1411-12	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	3/124(Rev.1)
P.1409-3	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	3/126(Rev.1)
P.1144-12	Guide to the application of the propagation methods of Radiocommunication Study Group 3	3/129(Rev.1)