



Radiocommunication Bureau

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Administrative Circular CACE/555

13 January 2012

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,
ITU-R Associates participating in the work of Radiocommunication Study Group 4
and ITU-R Academia**

Subject: Radiocommunication Study Group 4 (Satellite services)
– Approval of 6 new Recommendations and 6 revised Recommendations

By Administrative Circular CAR/322 dated 12 October 2011, 6 draft new Recommendations and 6 draft revised Recommendations were submitted for approval following the procedure of Resolution ITU-R 1-5 (§ 10.4.5).

The conditions governing this procedure were met on 12 January 2012.

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

François Rancy
Director, Radiocommunication Bureau

Annex: 1

Distribution:

- Administrations of Member States and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 4
- ITU-R Associates participating in the work of Radiocommunication Study Group 4
- 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

Titles of the approved Recommendations

Recommendation ITU-R M.1901

Doc. 4/BL/14

**Guidance on ITU-R Recommendations related to systems and networks in the radionavigation-satellite service operating in the frequency bands
1 164-1 215 MHz, 1 215-1 300 MHz, 1 559-1 610 MHz,
5 000-5 010 MHz and 5 010-5 030 MHz**

Recommendation ITU-R M.1902

Doc. 4/BL/15

**Characteristics and protection criteria for receiving earth stations
in the radionavigation-satellite service (space-to-Earth)
operating in the band 1 215-1 300 MHz**

Recommendation ITU-R M.1903

Doc. 4/BL/16

**Characteristics and protection criteria for receiving earth stations
in the radionavigation-satellite service (space-to-Earth) and
receivers in the aeronautical radionavigation service
operating in the band 1 559-1 610 MHz**

Recommendation ITU-R M.1904

Doc. 4/BL/17

**Characteristics, performance requirements and protection criteria for receiving
stations of the radionavigation-satellite service (space-to-space) operating
in the frequency bands 1 164-1 215 MHz, 1 215-1 300 MHz
and 1 559-1 610 MHz**

Recommendation ITU-R M.1905

Doc. 4/BL/18

**Characteristics and protection criteria for receiving earth stations
in the radionavigation-satellite service (space-to-Earth)
operating in the band 1 164-1 215 MHz**

Recommendation ITU-R M.1906

Doc. 4/BL/19

**Characteristics and protection criteria of receiving space stations
and characteristics of transmitting earth stations in the
radionavigation-satellite service (Earth-to-space)
operating in the band 5 000-5 010 MHz**

Recommendation ITU-R M.1854-1

Doc. 4/BL/20

Use of the mobile-satellite service in disaster response and relief

Recommendation ITU-R BO.1516-1

Doc. 4/BL/21

**Digital multiprogramme television systems for use by satellites
operating in the 11/12 GHz frequency range**

Recommendation ITU-R SNG.770-2

Doc. 4/BL/22

Uniform operational procedures for digital satellite news gathering

Recommendation ITU-R BO.1659-1

Doc. 4/BL/23

**Mitigation techniques for rain attenuation for broadcasting-satellite service
systems in frequency bands between 17.3 GHz and 42.5 GHz**

Recommendation ITU-R SF.675-4

Doc. 4/BL/24

**Calculation of the maximum power density (averaged over 4 kHz or 1 MHz)
of angle modulated and digital carriers**

Recommendation ITU-R BO.1776-1

Doc. 4/BL/25

**Maximum power flux-density for the broadcasting-satellite service
in the band 21.4-22.0 GHz in Regions 1 and 3**