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| INTERNATIONAL TELECOMMUNICATION UNION | sigleITU |

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

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| **Administrative Circular**  **CACE/556** | 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)**

**– Adoption of 4 new Recommendations and 3 revised Recommendations by correspondence and their simultaneous approval in accordance with § 10.3 of Resolution ITU-R 1-5 (Procedure for the simultaneous adoption and approval by correspondence)**

**– Suppression of 2 Recommendations**

By Administrative Circular CAR/323 dated 12 October 2011, 4 draft new Recommendations and 3 draft revised Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU‑R 1‑5 (§ 10.3). In addition, the Study Group proposed the suppression of 2 Recommendations.

The conditions governing this procedure were met on 12 January 2012, with the exception of the suppression of Recommendation ITU-R S.725 which will consequently remain in force.

The approved Recommendations will be published by the ITU and Annex 1 to this Circular provides their titles, with the assigned numbers. Annex 2 provides the suppressed Recommendation.

François Rancy  
 Director, Radiocommunication Bureau

**Annexes:** 2

**Distribution:**

– Administrations of Member States of the ITU 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 1  
  
Titles of the approved Recommendations

Recommendation ITU-R S.1897 Doc. 4/188(Rev.1)

**Cross-layer QoS provisioning in IP-based hybrid satellite-terrestrial networks**

Recommendation ITU-R BO.1898 Doc. 4/198(Rev.1)

Power flux-density value required for the protection of receiving earth stations in the broadcasting-satellite service in Regions 1 and 3 from emissions by a station in the fixed and/or mobile services in the band 21.4-22 GHz

Recommendation ITU-R S.1899 Doc. 4/199(Rev.1)

**Protection criteria and interference assessment methods for non-GSO  
inter-satellite links in the 23.183-23.377 GHz band  
with respect to the space research service**

Recommendation ITU-R BO.1900 Doc. 4/200(Rev.1)

**Reference receive earth station antenna pattern for the broadcasting-satellite service in the band 21.4-22 GHz in Regions 1 and 3**

Recommendation ITU-R M.1478-2 Doc. 4/175(Rev.1)

Protection criteria for Cospas-Sarsat search and rescue   
instruments in the band 406-406.1 MHz

Recommendation ITU-R M.1731-2 Doc. 4/176(Rev.1)

**Protection criteria for Cospas-Sarsat local user terminals  
in the band 1 544-1 545 MHz**

Recommendation ITU-R M.1787-1 Doc. 4/181(Rev.1)

Description of systems and networks in the radionavigation-satellite service (space-to-Earth and space-to-space) and technical characteristics of  
transmitting space stations operating in the bands 1 164-1 215 MHz,  
1 215-1 300 MHz and 1 559-1 610 MHz

Annex 2  
  
Suppressed Recommendation

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| **Recommendation ITU-R** | **Title** |
| SF.1481-1 | Frequency sharing between systems in the fixed service using high altitude platform stations and satellite systems in the geostationary orbit in the fixed‑satellite service in the bands 47.2-47.5 and 47.9-48.2 GHz |

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