



Radiocommunication Bureau

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Administrative Circular
CACE/347

28 April 2005

**To Administrations of Member States of the ITU and Radiocommunication
Sector Members participating in the work of the Radiocommunication Study Groups
and the Special Committee on Regulatory/Procedural Matters**

Subject: Radiocommunication Study Group 4

- Adoption of 3 revised Recommendations and 7 new Recommendations by correspondence and their simultaneous approval in accordance with § 10.3 of Resolution ITU-R 1-4 (Procedure for the simultaneous adoption and approval by correspondence)

Fixed Satellite Service

By Administrative Circular CAR/176 dated 12 November 2004 and its Addendum, dated 11 February 2005, 3 draft revised Recommendations and 7 draft new Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU-R 1-4 (§ 10.3).

The conditions governing this procedure were met on 11 April 2005, with six Administrations responding in favour of the adoption and approval of the Recommendations.

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

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Director, Radiocommunication Bureau

Annex: 1

Distribution:

- Administrations of Member States and Radiocommunication Sector Members
- 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
- ITU-R Associates participating in the work of Radiocommunication Study Group 4
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

ANNEX 1

Titles of the Recommendations approved

Recommendation ITU-R S.579-6

Doc. 4/39

Availability objectives for hypothetical reference circuits and hypothetical reference digital paths when used for telephony using pulse code modulation, or as part of an integrated services digital network hypothetical reference connection, in the fixed-satellite service operating below 15 GHz

Recommendation ITU-R S.1709

Doc. 4/40

Technical characteristics of air interfaces for global broadband satellite systems

Recommendation ITU-R SNG.1710

Doc. 4/42

Satellite news gathering carriers universal access procedures

Recommendation ITU-R S.1711

Doc. 4/43

Performance enhancements of transmission control protocol (TCP) over satellite networks

Recommendation ITU-R S.1503-1

Doc. 4/45

Functional description to be used in developing software tools for determining conformity of non-geostationary-satellite orbit fixed-satellite system networks with limits contained in Article S22 of the Radio Regulations

Recommendation ITU-R S.1712

Doc. 4/46

Methodologies for determining whether an FSS earth station at a given location could transmit in the band 13.75-14 GHz without exceeding the pfd limits in RR 5.502, and guidelines to mitigate excesses

Recommendation ITU-R S.1713

Doc. 4/48

Methodology to calculate the minimum separation angle at the Earth's surface between a non-geostationary satellite in a HEO "active" arc and a geostationary satellite

Recommendation ITU-R S.731-1

Doc. 4/49

Reference earth-station cross-polarized radiation pattern for use in frequency coordination and interference assessment in the frequency range from 2 to about 30 GHz

Recommendation ITU-R S.1714

Doc. 4/50

Static methodology for calculating epfd to facilitate coordination of very large antennas under RR Nos. 9.7A and 9.7B

Recommendation ITU-R S.1715

Doc. 4/51

Guidelines developed in response to the studies requested in Resolution 140 (WRC-03)
