



*Radiocommunication Bureau*

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Administrative Circular  
CACE/308

19 January 2004

**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:** Approval of 4 new Recommendations, 2 revised Recommendations and 1 modified Recommendation of Radiocommunication Study Group 4

**Fixed-satellite service**

By Administrative Circular CAR/159 dated 6 October 2003, 4 draft new Recommendations, 2 draft revised Recommendations and 1 draft modified Recommendation were submitted for approval following the procedure of Resolution ITU-R 1-4 (§ 10.4.5).

The conditions governing the approval of these Recommendations were met on 6 January 2004. Thirteen administrations responded, all in favour of approval of these Recommendations.

These Recommendations are therefore approved and will be published by the ITU. Annex 1 to this Circular provides the titles of the approved Recommendations, with the assigned numbers.

Valery Timofeev  
Director, Radiocommunication Bureau

**Annex: 1**

Distribution:

- Administrations of Member States, Radiocommunication Sector Members
- ITU-R Associates participating in the work of Radiocommunication Study Group 4
- 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 Recommendations approved by Radiocommunication Study Group 4**

Recommendation ITU-R S.1647

Doc. 4/BL/1

**Methodology to determine the worst-case interference among certain types of non-GSO FSS systems in situations where no in-line interference exists**

Recommendation ITU-R S.1656

Doc. 4/BL/2

**Outline of a software specification for automating the examination of satellite network filings for compliance with Article 5 of the Radio Regulations**

Recommendation ITU-R S.1672

Doc. 4/BL/3

**Guidelines to be used in the event of non-compliance with single-entry operational and/or additional operational limits in Section II of Article 22 of the Radio Regulations**

Recommendation ITU-R S.1673

Doc. 4/BL/4

**Methodologies for the calculation of the worst-case interference levels from non-geostationary fixed-satellite service systems using highly-elliptical orbits into geostationary fixed-satellite service satellite networks operating in the 10 to 30 GHz frequency bands**

Recommendation ITU-R S.524-8

Doc. 4/BL/5

**Maximum permissible levels of off-axis e.i.r.p. density from earth stations in geostationary-satellite orbit networks operating in the fixed-satellite service transmitting in the 6 GHz, 13 GHz, 14 GHz and 30 GHz frequency bands**

Recommendation ITU-R S.580-6

Doc. 4/BL/6

**Radiation diagrams for use as design objectives for antennas of earth stations operating with geostationary satellites**

Recommendation ITU-R S.1003-1

Doc. 4/BL/7

**Environmental protection of the geostationary-satellite orbit**