INTERNATIONAL TELECOMMUNICATION UNION

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

Administrative Circular
CAR/266

18 November 2008

To Administrations of Member States of the ITU

Subject: **Radiocommunication Study Group 4**

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

– **Proposed suppression of 8 Recommendations**

At the meeting of Radiocommunication Study Group 4, held on 16 and 17 October 2008, the Study Group decided to seek adoption of 1 draft new Recommendation and 1 draft revised Recommendation by correspondence (§ 10.2.3 of Resolution ITU-R 1-5) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA), (§ 10.3 of Resolution ITU-R 1-5). The titles and summaries of the draft Recommendations are given in Annex 1. Furthermore, the Study Group proposed the suppression of 8 Recommendations which are listed in Annex 2.

The consideration period shall extend for 3 months ending on 18 February 2009. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 4. Furthermore, since the PSAA procedure has been followed, the draft Recommendations shall also be considered as approved. However, if any objection is received from a Member State during the consideration period, the procedures given in § 10.2.1.2 of Resolution ITU-R 1-5 shall apply.

After the above-mentioned deadline, the results of the PSAA procedure shall be announced in an Administrative Circular (CACE) and the approved Recommendation published as soon as practicable.

Place des Nations
CH-1211 Geneva 20
Switzerland

Telephone +41 22 730 51 11
Telefax Gr3: +41 22 733 72 56
Gr4: +41 22 730 65 00

Telex 421 000 uit ch
Telegram ITU GENEVE

E-mail: itumail@itu.int
http://www.itu.int/

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendation(s) mentioned in this letter is requested to disclose such information to the Secretariat as soon as possible. The Common Patent Policy for ITU-T/ITU-R/ISO/IEC is available at http://www.itu.int/ITU-T/dbase/patent/patent-policy.html.

Valery Timofeev
Director, Radiocommunication Bureau

Annex 1: Titles and summaries of the draft Recommendations
Annex 2 List of Recommendations proposed for suppression

Documents attached: Document 4/49(Rev.1) and 4/52(Rev.1) on CD-ROM

Distribution:

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

Annex 1

Titles and summaries of the draft Recommendations

Draft new Recommendation ITU-R S.[XP-VSAT] Doc. 4/49(Rev.1)

Cross-polarization reference gain pattern for linearly polarized very small aperture terminals (VSATs) for frequencies in the range 2 to 31 GHz

This draft new Recommendation provides a cross-polarization reference gain pattern that, in the absence of particular information concerning the cross-polarization radiation pattern of a linearly polarized Very Small Aperture Terminal (VSAT) earth station antenna, should be used as a reference for interference calculations involving VSAT earth stations in the fixed-satellite service and stations of other services sharing the same frequency band, as well as coordination studies and interference assessment between systems in the fixed-satellite service. This pattern complies with Recommendations ITU-R S.727-2 ("Cross-polarization isolation from very small aperture terminals (VSATs)") and ITU-R S.731-1 ("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") and reflects the actual cross-polarization limits for this very common type of FSS earth station antenna.

Draft revision of Recommendation ITU-R S.465-5 Doc. 4/52(Rev.1)

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

This draft revision of Recommendation ITU-R S.465-5 addresses specifically three elements:

a) Proposal to increase the upper frequency boundary of Recommendation ITU-R S.465-5 from 30 GHz to 31 GHz which would be applicable to earth stations in the 30-31 GHz band, for which the fixed-satellite service (Earth-to-space) has a primary allocation in all three ITU Regions;

b) Proposal to calculate the provisional value of the minimum angle "*x*" in Note 5 by inserting its proposed definition in *recommends* 2 resulting in a consequential suppression of Note 5;

c) Proposal to modify Note 1 in order to clarify the sentence by stating that the reference radiation pattern is assumed to be rotationally symmetric about the boresight axis.

Furthermore, a minimum value of (D/λ) was specified in *recommends* 2.

Annex 2

List of Recommendations proposed for suppression

Recommendation ITU-R	Title	Document providing justification for suppression
BO.1503-1	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 22 of the Radio Regulations	4/65
BO.1505	Coordination procedure for assignments of space operation service in the guardbands of Appendices S30 and S30A Plans of the Radio Regulations	4/65
M.547	Noise objectives in the hypothetical reference circuit for systems in the maritime mobile-satellite service	4/65
M.548	Overall transmission characteristics of telephone circuits in the maritime mobile-satellite service	4/65
M.549-1	Side tone reference equivalent of handset used on board a ship in the maritime mobile-satellite service and in automated VHF/UHF maritime mobile radiotelephone systems	4/65
M.550-1	Use of echo suppressors in the maritime mobile-satellite service	4/65
M.552	Quality objectives for 50-baud start-stop telegraph transmission in the maritime mobile-satellite service	4/65
M.553	Interface requirements for 50-baud start-stop telegraph transmission in the maritime mobile-satellite service	4/65