



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

Administrative Circular
CAR/204

20 December 2005

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 7
– **Proposed approval of 4 draft revised Recommendations and 4 draft new Recommendations**

At the meeting of ITU-R Study Group 7 (Science services) held on 7 and 15 November 2005, the Study Group adopted the texts of 4 draft revised Recommendations and 4 draft new Recommendations, and agreed to apply the procedure of Resolution ITU-R 1-4 (see § 10.4.5) for approval of Recommendations by consultation. In accordance with the interim procedures recommended by the RAG at its meeting in November 2004*, the draft Recommendations in English, as revised at the meeting of Study Group 7, are enclosed with this letter. The titles and summaries of these Recommendations are given in Annex 1.

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-4, you are requested to inform the Secretariat (brsgd@itu.int) by 20 March 2006, whether your Administration approves or does not approve these draft Recommendations.

A Member State who indicates that a draft Recommendation should not be approved is requested to advise the Secretariat of the reason and to indicate possible changes in order to facilitate further consideration by the Study Group during the study period (§ 10.4.5.5 of Resolution ITU-R 1-4).

After the above-mentioned deadline, the results of this consultation will be notified in an Administrative Circular and arrangements made for the approved Recommendations to be published in accordance with § 10.4.7 of Resolution ITU-R 1-4.

* See Administrative Circular CA/145.

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 “Statement on Radiocommunication Sector Patent Policy” is contained in Annex 1 of Resolution ITU-R 1-4.

Valery Timofeev
Director, Radiocommunication Bureau

Annexes:

Titles and summaries of draft Recommendations

Documents attached:

Documents 7/BL/1 – 7/BL/8 on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 7
- ITU-R Associates participating in the work of Radiocommunication Study Group 7

ANNEX 1

Titles and summaries of the draft Recommendations adopted by Radiocommunication Study Group 7

(Geneva, 7 and 15 December 2005)

Draft revision of Recommendation ITU-R SA.609-1

Doc. 7/BL/1

Protection criteria for ~~tele~~radiocommunication links for manned and unmanned near-Earth research satellites

This revision to Recommendation ITU-R SA.609 defines the protection criteria up to 30 GHz to bring it in line with Recommendation ITU-R SA.1625.

Draft revision of Recommendation ITU-R SA.1159-2

Doc. 7/BL/2

Performance criteria for data dissemination, data collection and direct data readout systems in the Earth exploration-satellite service and meteorological-satellite service ~~using satellites in the geostationary orbit~~

This revision to Recommendation ITU-R SA.1159 incorporates the content of Recommendations ITU-R SA.1025 and ITU-R SA.1162, therefore ITU-R SA.1025 and ITU-R SA.1162 may be proposed for suppression with the approval of this revision to SA.1159.

Draft revision of Recommendation ITU-R SA.1014

Doc. 7/BL/3

Telecommunication requirements for manned and unmanned deep-space research

This revision to Recommendation ITU-R SA.1014 updates the Recommendation to bring it in line with current radiocommunication techniques, makes editorial clarifications, documents two more deep space locations, and adds characteristics for stations operating above 30 GHz.

Draft revision of Recommendation ITU-R SA.1157

Doc. 7/BL/4

Protection criteria for deep-space research

This revision to Recommendation ITU-R SA.1157 corrects previous rounding errors in the protection criteria levels, makes editorial clarifications, and specifies the exact frequency bands used by deep space ground station receivers and deep space vehicle receivers.

Draft new Recommendation ITU-R SA.[THz]

Doc. 7/BL/5

Technical and operational characteristics of interplanetary and deep-space systems operating in the space-to-Earth direction around 283 THz

Taking into account that some current and planned space research, Earth exploration and astronomical systems utilize frequencies above 275 GHz as well as some radiocommunication links being used or planned in the same frequency bands, it is necessary to study technical and operational characteristics of systems operating at those frequencies and determine whether sharing studies for such systems are necessary. These requirements have been included in Question ITU-R 235/7. This draft new Recommendation specifies technical parameters (frequencies, link, signal and data characteristics, antenna parameters, etc.) and operational characteristics of interplanetary and deep-space systems operating in the space-to-Earth direction around 283 THz, which could be used in sharing studies.

Draft new Recommendation ITU-R SA.[Int.Budget]

Doc. 7/BL/6

Maximum allowable degradation to radiocommunication links of the space research and space operation services arising from interference from emissions and radiations from other radio sources

This draft new Recommendation defines three categories of interference sources impacting the Space Research Service and Space Operations Service when sharing criteria are not available, and apportions a percentage of interference to each category.

Technical and operational characteristics of ground-based meteorological aids systems operating in the frequency range 272-750 THz

Ground-based meteorological sensor systems using spectrum in the optical frequency range are operated typically in the range 272-750 THz by a variety of meteorological services and other organizations interested in meteorological and climate research. This draft new Recommendation provides the operational and technical characteristics of representative MetAids systems operating in the optical frequency range 272-750 THz.

Use of the band 1 668.4-1 710 MHz by the meteorological aids service and meteorological-satellite service (space-to-Earth)

This draft new Recommendation provides guidance for operators of MetAids and MetSat systems to allow more efficient use of the commonly shared 1 670-1 700 MHz band, and provides guidance to operators of MetAids systems on transitioning their operations out of the 1 668.4-1 675 MHz band.
