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**Administrative Circular  
CAR/304**

5 November 2010

**To Administrations of Member States of ITU**

**Subject: Radiocommunication Study Group 7**

- **Proposed approval of 3 draft new Recommendations and 4 draft revised Recommendations**
- **Proposed suppression of 11 Recommendations**

At the meeting of ITU-R Study Group 7 (Science services) held on 4 and 12 October 2010, the Study Group adopted the text of 3 draft new Recommendations and 4 draft revised Recommendations and agreed to apply the procedure of Resolution ITU-R 1-5 (see § 10.4.5) for approval of Recommendations by consultation. The titles and summaries of the draft Recommendations are given in Annex 1. Furthermore, the Study Group proposed the suppression of 11 Recommendations which are listed in Annex 2.

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-5, you are requested to inform the Secretariat ([brsgd@itu.int](mailto:brsgd@itu.int)) by 4 February 2011, whether your Administration approves or does not approve the 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 1-5).

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 1-5.

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>.

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Director, Radiocommunication Bureau

**Annexes:** 2

- 1 Titles and summaries of the draft Recommendations
- 2 Recommendations proposed for suppression

**Documents attached:**

Documents 7/BL/6 - 7/BL/12 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**

Draft new Recommendation ITU-R RS.[20 kHz ATD PROTECTION]

Doc. 7/BL/6

#### **Protection criteria for arrival time difference (ATD) receivers operating in the met aids service in the frequency band 9-11.3 kHz**

This ITU-R Recommendation characterises the technical properties, operational characteristics and protection criteria of the ATD system operating in the meteorological aids service in the frequency range 9-11.3 kHz.

Draft new Recommendation ITU-R SA.[SRS 23 GHz CHAR]

Doc. 7/BL/7

#### **Technical and operational characteristics of space research service (Earth-to-space) systems for use in the 22.55-23.15 GHz band**

This Recommendation provides system characteristics to be used in sharing studies for the space research service (Earth-to-space) in the band 22.55-23.15 GHz.

Draft new Recommendation ITU-R RS.[CLIMATE]

Doc. 7/BL/8

#### **Use of remote sensing systems in the study of climate change and the effects thereof**

This Recommendation provides guidelines on the provision of satellite-provided remote sensing data for the purpose of studying climate change.

Draft revision of Recommendation ITU-R SA.1276-2

Doc. 7/BL/9

#### **Orbital locations of data relay satellites to be protected from the emissions of fixed service systems operating in the band 25.25-27.5 GHz**

This revision to Recommendation ITU-R SA.1276 includes new satellite locations in *recommends* 1, in particular geostationary DRS orbital locations: 10.6°, 16.8°, 77°, 80°, 171° and 176.8°.

Draft revision of Recommendation ITU-R SA.1275-2

Doc. 7/BL/10

**Orbital locations of data relay satellites to be protected from the emissions of fixed service systems operating in the band 2 200-2 290 MHz**

This revision to Recommendation ITU-R SA.1275 includes new satellite locations in *recommends* 1, in particular geostationary DRS orbital locations: 10.6°, 16.8°, 77°, 80°, 171° and 176.8°.

Draft revision of Recommendation ITU-R RS.1813

Doc. 7/BL/11

**Reference antenna pattern for passive sensors operating in the Earth exploration-satellite service (passive) to be used in compatibility analyses in the frequency range 1.4-100 GHz**

An error has appeared in the final published version of Recommendation ITU-R RS.1813 which caused the antenna pattern equations to not match the input contributions nor work properly. This draft revised Recommendation corrects the error and provides a more concise expression for the variable that determines the transition angle between the three expressions that make up the composite antenna patterns.

Draft revision of Recommendation ITU-R SA.1014-1

Doc. 7/BL/12

**Telecommunication requirements for manned and unmanned deep-space research**

This revision to Recommendation ITU-R SA.1014 includes new earth station locations in Table 3 of Annex 1 and some editorial corrections.

## Annex 2

### Recommendations proposed for suppression

<b>Recommendation ITU-R</b>	<b>Title</b>
SA.1012	Preferred frequency bands for deep-space research in the 1-40 GHz range
SA.1013	Preferred frequency bands for deep-space research in the 40-120 GHz range
SA.1017	Preferred method for calculating link performance in the space research service
SA.1278	Feasibility of sharing between the Earth exploration-satellite service (space-to-Earth) and the fixed, inter-satellite, and mobile services in the band 25.5-27.0 GHz
SA.1625	Feasibility of sharing between the space research service (space-to-Earth) and the fixed, inter-satellite, and mobile services in the band 25.5-27 GHz
RS.1262	Sharing and coordination criteria for meteorological aids in the 400.15-406 MHz and 1 668.4-1 700 MHz bands
SA.1236	Frequency sharing between space research service extra-vehicular activity (EVA) links and fixed and mobile service links in the 410-420 MHz band
TF.458-3	International comparisons of atomic time scales
TF.536-2	Time-scale notations
TF.582-2	Time and frequency reference signal dissemination and coordination using satellite methods
TF.1552	Time scales for use by standard-frequency and time-signal services

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