



Radiocommunication Bureau
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Administrative Circular
CACE/515

12 July 2010

**To Administrations of Member States of the ITU,
Radiocommunication Sector Members, ITU-R Associates
participating in the work of Radiocommunication Study Group 7
and the Special Committee on Regulatory/Procedural Matters**

Subject: Meeting of Radiocommunication Study Group 7 (Science services)
Geneva, 4 and 12 October 2010

1 Introduction

By means of this Administrative Circular, we wish to announce that a meeting of ITU-R Study Group 7 will take place in Geneva on 4 and 12 October 2010, immediately preceding and immediately following the meetings of Working Parties 7A, 7B, 7C and 7D (5-11 October 2010), see Circular Letter [7/LCCE/53](#).

The Study Group meeting will be held in the ITU Headquarters, Geneva. The opening session will take place at 09:30 hours.

2 Programme of the meeting

The draft agenda for the meeting of Study Group 7 is contained in Annex 1.

The Questions assigned to Study Group 7 can be found at:

<http://www.itu.int/ITU-R/go/que-rsg7/en>

2.1 Adoption of draft Recommendations at the Study Group meeting (§ 10.2.2 of Resolution ITU-R 1-5)

Five draft revised Recommendations and three draft new Recommendations are proposed for adoption by the Study Group at its meeting in accordance with § 10.2.2 of Resolution ITU-R 1-5.

In accordance with § 10.2.2.2 of Resolution ITU-R 1-5, the titles and summaries of the draft Recommendations are given in Annex 2.

2.2 Adoption of draft Recommendations by a Study Group by correspondence (§ 10.2.3 of Resolution ITU-R 1-5)

The procedure described in § 10.2.3 of Resolution ITU-R 1-5 concerns draft new or revised Recommendations which are not specifically included in the agenda of a Study Group meeting.

In accordance with this procedure, draft new and revised Recommendations prepared during the meetings of Working Parties 7A, 7B, 7C and 7D held immediately before the second day of the Study Group meeting will be submitted to the Study Group. After due consideration, the Study Group may decide to seek adoption of these draft Recommendations by correspondence. In such cases, the Study Group may also decide to apply the procedure for simultaneous adoption and approval (PSAA) of a draft Recommendation as described in § 10.3 of Resolution ITU-R 1-5 (see also § 2.3 below).

In accordance with § 2.25 of Resolution ITU-R 1-5, Annex 3 to this Circular contains a list of topics to be addressed at the Working Party meetings just prior to the second day of the meeting of the Study Group 7, and for which draft Recommendations may be developed.

2.3 Decision on approval procedure

At the meeting, the Study Group shall decide on the eventual procedure to be followed for seeking approval for each draft Recommendation in accordance with § 10.4.3 of Resolution ITU-R 1-5. Approval may be sought by submitting the draft Recommendation to the next Radiocommunication Assembly, or by consultation of the Member States; alternatively, the Study Group may decide to use the PSAA procedure described in § 10.3 of Resolution ITU-R 1-5.

3 Contributions

Contributions in response to the work of Study Group 7 are processed according to the provisions laid down in Resolution ITU-R 1-5 and posted on <http://www.itu.int/md/R07-SG07-C/en>.

The deadline for submission of contributions is Monday, 27 September 2010 at 16:00 hours UTC. Submissions received later than this deadline cannot be accepted. Resolution ITU-R 1-5 provides that contributions which are not available to participants at the opening of the meeting shall not be considered.

Participants are requested to submit contributions by electronic mail to:

rsg7@itu.int

A copy should also be sent to the Chairman and Vice-Chairmen of Study Group 7. The pertinent addresses can be found on:

http://www.itu.int/cgi-bin/htsh/compass/cvc.param.sh?acvty_code=sg7

4 Participation/Visa requirements

Delegate/participant registration for the meeting will be carried out online via the ITU-R website. Each Member State/Sector Member/Associate was requested to designate a focal point to be responsible for the handling of all registration requests for his/her administration/organization. Individuals wishing to attend should contact the focal point designated for all Study Group activities for his/her entity directly. The list of designated focal points (DFPs) and detailed information regarding visa requirements is available on the **ITU-R Member Information and Delegate Registration** webpage at:

<http://www.itu.int/ITU-R/go/delegate-reg-info/en>

The Delegate Registration desk will open at 08:30 hours on the first day of the meeting at the entrance of the Montbrillant building. Please note that the confirmation of registration sent to each delegate/participant by e-mail must be presented, together with photo identification, in order to receive a badge.

Information regarding hotel accommodation for meetings held in Geneva is available at <http://www.itu.int/travel/index.html>.

Valery Timofeev
Director, Radiocommunication Bureau

Annexes: 3

Distribution:

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

Draft agenda for the meeting of Radiocommunication Study Group 7

(Geneva, 4 and 12 October 2010)

- 1** Opening remarks
 - 1.1** Director BR
 - 1.2** Chairman
- 2** Approval of the agenda
- 3** Appointment of Rapporteur
- 4** Summary Report of actions taken during the meeting of Study Group 7 in September 2009 ([Document 7/85](#))
- 5** Report on the Radiocommunication Advisory Group meeting (RAG-10) (Document [7/106](#))
- 6** Executive Reports from Working Parties
 - 6.1** Working Party 7A
 - 6.2** Working Party 7B
 - 6.3** Working Party 7C
 - 6.4** Working Party 7D
- 7** Consideration of new and revised Recommendations
 - 7.1** Adoption of draft Recommendations and decision on approval procedure (see Resolution ITU-R 1-5, §§ 10.2.1, 10.2.2 and 10.4)
 - 7.2** Recommendations where notice of intention to seek adoption was not given (see Resolution ITU-R 1-5, §§ 10.2.3, 10.3 and 10.4)
Decision to seek adoption
Decision on approval procedure to be followed
- 8** Consideration of new and revised Questions
- 9** Consideration and adoption of new and revised Reports
- 10** Suppression of Recommendations, Reports and Questions
- 11** Progress in the development of Handbooks
- 12** Appointment and organization of the Editorial Group
- 13** Liaison with other Study Groups and international organizations
- 14** Consideration of other contributions
- 15** Consideration of future work programme and discussion on a tentative meeting schedule
- 16** Any other business

V. MEENS
Chairman, Study Group 7

Annex 2

Title and summary of the draft Recommendations

Draft revision of Recommendation ITU-R TF.460-6

Doc. 7/68

Standard-frequency and time-signal emissions

This modification of the recommendation eliminates the procedure for adjustment of UTC by insertion of leap seconds. The elimination of the leap second adjustments is recommended to be effective on 1 January five years after approval of this recommendation by a World Radiocommunication Conference.

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

Doc. 7/90

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 SA.1276-2

Doc. 7/89

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.1014-1

Doc. 7/102

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.

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

Doc. 7/103

**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 revision of Recommendation ITU-R RS.1813

Doc. 7/101

**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 new Recommendation ITU-R RS.[CLIMATE]

Doc. 7/105

**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 new Recommendation ITU-R RS.[20 kHz ATD protection]

Doc. 7/96

**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.

Annex 3

Topics to be addressed at meetings of Working Parties 7A, 7B, 7C and 7D held immediately prior to the second day of the meeting of Study Group 7 and for which draft Recommendations may be developed

Working Party 7A

Standard frequencies and time signals – Characteristics of standard-frequency and time-signal emissions in allocated bands and characteristics of stations emitting with regular schedules with stabilized frequencies, outside of allocated bands (possible draft revision of Recommendation ITU-R TF.768 - See [Annex 3 to Document 7A/22](#)).

Working Party 7B

Characteristics to be used for assessing interference to systems operating in the Earth exploration-satellite and meteorological-satellite services, and for conducting sharing studies (possible draft new Recommendation ITU-R SA.[EES/MET CHAR] - See Annex 4 to Document [7B/239](#)).

Sharing among systems using bands allocated to the Earth exploration-satellite and meteorological-satellite services (possible draft new Recommendation ITU-R SA.[EES/MET SHAR] - See Annex 5 to Document [7B/239](#)).

MetSat and EESS performance objectives in the presence of interference (possible draft new Recommendation ITU-R SA.[EES/MET PERF] - See Annex 6 to Document [7B/239](#)).

Working Party 7C

Frequency bands and bandwidths used for satellite passive sensing below 275 GHz services (Possible draft revision of Recommendation ITU-R RS.515-4 - See Annex 6 to Document [7C/196](#)).

Performance criteria for satellite passive remote sensing (possible draft revision of Recommendation ITU-R RS.1028-2 - See Annex 7 to Document [7C/196](#)).

Interference criteria for satellite passive remote sensing (possible draft revision of Recommendation ITU-R RS.1029-2 - see Annex 8 to Document [7C/196](#)).

Feasibility of sharing between radionavigation-satellite service receivers and the Earth exploration-satellite (active) and space research (active) services in the 1 215-1 300 MHz band (possible draft revision of Recommendation ITU-R RS.1347-1 - see Annex 9 to Document [7C/196](#)).

Methodology for determining terrestrial and space-to-Earth sharing and coordination criteria for meteorological aids in the 400.15-406 MHz and 1 668.4-1 700 MHz bands (possible draft new Recommendation ITU-R RS.[METAIDS_METH] - see Annex 5 to Document [7C/196](#)).

Working Party 7D

A radio-quiet zone in the vicinity of the L₂ Sun-Earth Lagrange point (possible draft revision of Recommendation ITU-R RA.1417 - See Annex 3 to Document [7D/165](#)).
