



Radiocommunication Bureau
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Administrative Circular
CACE/454

21 July 2008

**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: Meeting of Radiocommunication Study Group 7 (Science services)
Geneva, 6 and 14 October 2008

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 6 and 14 October 2008, immediately preceding and immediately following the meetings of Working Parties 7A, 7B, 7C and 7D (7-13 October 2008), see Circular Letter [7/LCCE/48](#) .

The Study Group meeting will be held in the ITU Headquarters, Geneva. Services directly connected with the meeting (document distribution, etc.) will be located in the vicinity of the meeting room. Registration of delegates will start at 08:30 hours **in the Montbrillant building only (all delegates should enter the building exclusively through this entrance)** on the opening day. 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)

One draft new and two draft revised 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 meetings 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 Study Group meeting, 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 invited. These will be processed according to the provisions laid down in Resolution ITU-R 1-5 and posted on <http://www.itu.int/ITU-R/go/rsg7/en> (see “contributions”). A limited number of paper copies will be available at the meetings. **The deadline for submission of contributions is Monday, 29 September 2008 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 encouraged 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=7

4 Participation/Visa requirements

It is intended that delegate registration for the Study Group 7 block of meetings will be carried out exclusively online. Each Member State/Sector Member/ Associate was requested to designate a Focal Point to be responsible for the handling of all registration requests belonging to his/her administration/organization. The list of Designated Focal Points (DFP) is available on the Study Group webpage at:

<http://www.itu.int/cgi-bin/htsh/edrs/TIES/auth/ITU-R/SGs/edrs.focalpoint>

The username and ID number to access the online registration will be sent electronically on 15 August 2008. Online registration will commence on 1 September 2008.

I would like to remind you that citizens of some countries are required to obtain a visa in order to enter and spend time in Switzerland. The visa must be requested and obtained from the office (embassy or consulate) representing Switzerland in your country or, if there is no such office in your country, from the one that is closest to the country of departure. If problems are encountered, the Union can, at the official request of the administration or company you represent, approach the competent Swiss authorities in order to facilitate delivery of the visa. For delegates/participants who have made their request online via their respective Member State/Sector Member/ Associate DFP, the process for requesting visa support has been simplified. If ITU Headquarters' assistance is required, the request for support in obtaining a visa may be made by the DFP at the time of completion of the registration request for the individual concerned. On the bottom of the registration form, the DFP will find several questions which must be completed fully and accurately. The required information is as follows:

Date of birth

Passport number

Passport issuance and expiry dates

The visa support procedure will subsequently follow automatically. The delegate/participant will be notified via the Confirmation of Registration form sent to his/her e-mail address that the visa support request has been received and is being processed.

For hotel accommodation see: <http://www.itu.int/travel/>.

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, 6 and 14 October 2008)

- 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 February 2007 ([Document 7/78](#) 2003-2007 study period)
- 5** Results of the Radiocommunication Assembly 2007 (RA-07)
- 6** Results of the World Radiocommunication Conference 2007 (WRC-07)
- 7** Result of the first session of the Conference Preparatory Meeting 2011 (CPM11-1)
- 8** Report on the Radiocommunication Advisory Group meeting (RAG-08)
- 9** Study Group structure and appointment of Chairmen of Working Parties
- 10** Executive Reports from Working Parties
 - 10.1** Working Party 7A
 - 10.2** Working Party 7B
 - 10.3** Working Party 7C
 - 10.4** Working Party 7D
- 11** Consideration of new and revised Recommendations
 - 11.1** Adoption of draft Recommendations and decision on approval procedure (see Resolution ITU-R 1-5, §§ 10.2.1, 10.2.2 and 10.4)
 - 11.2** 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
- 12** Consideration of new and revised Questions
- 13** Consideration and adoption of new and revised Reports
- 14** Suppression of Recommendations, Reports and Questions
- 15** Progress in the development of Handbooks
- 16** Appointment and organization of the Editorial Group

- 17** Liaison with other Study Groups and international organizations
- 18** Consideration of other contributions
- 19** Consideration of future work programme and discussion on a tentative meeting schedule
- 20** Any other business

V. MEENS
Chairman, Study Group 7

Note from Chairman Study Group 7 concerning the October 2008 meeting of the Study Group

1 Introduction

In the past few years, in response to the fiscal needs of the Union, Study Group 7 has reduced the number and periodicity of its meetings. Study Group meetings are convened only when required by the volume of work products to be considered. The result is that Study Group 7 meetings now occur with a frequency of approximately once every two years rather than annually as had been the previous practice.

None of the Recommendations from the Study Group have been delayed in publication, but the Study Group has given high priority to those Recommendations that are urgently required, and will continue to do so. One, unforeseen difficulty of less frequent Study Group meetings has been the effect on some smaller delegations. If a delegation cannot participate in all the work of the various Working Parties, then the only opportunity to express a different opinion occurs at the Study Group meeting. In Study Group 7 it is not the practice of the Study Group itself to adopt modifications to the text from the Working Parties except that text which is clearly editorial in nature. Thus smaller delegations may be deprived of an opportunity to fully discuss points of difference.

2 Solution

The next meeting of Study Group 7 (6 October 2008 and 14 October 2008) will be a two-day meeting as usual, but it will be split into two separate days scheduled around meetings of Working Parties 7A, 7B, 7C and 7D (7-13 October 2008). The Study Group will adjourn its meeting at the close of business on 6 October and will re-commence its deliberations at 09:00 hours on 14 October. This approach is being used to foster the opportunity for smaller delegations to pursue the relatively small number of particularly tricky issues with the technical experts of the Working Parties during the time between Study Group sessions.

3 Issues

One difficulty that might be presented to administrations by the separation of the two days of the Study Group meeting is that of the amount of time necessary for the administrations' executive representatives to the Study Group to be absent from their normal offices, e.g., six days rather than two days. In order to ameliorate this problem, no adoptions of Recommendations will take place on the first day of the Study Group meeting (6 October). Instead, those Recommendations that are not commented upon during the first reading will be placed on a consent agenda to be agreed en bloc as the first item of business on day two of the Study Group meeting (14 October). The consent agenda will be placed on the ITU-R web site by close of business on the first day of the Working Party meetings allowing three business days' time for consideration prior to the opening of the Study Group second session.

Annex 2

Titles and summaries of draft Recommendations

Draft revision of Recommendation ITU-R RA.1237-1

Doc. 7/8

Protection of the radio astronomy service from unwanted emissions resulting from applications of wideband digital modulation

Table 1 of the Annex to the Recommendation, that summarizes the levels which, when exceeded, are detrimental to radio astronomy is somewhat confusing in its present form. This confusion arises because of the need to specify pfd and spfd levels for spectral line and continuum observations, and the lack of clarity of the band used to calculate the detrimental levels and over which these levels apply. This revision clarifies Table 1, so it can be understood in a self-consistent manner. It also brings other aspects of the Recommendation up to date, and introduces a number of editorial changes.

Draft revision of Recommendation ITU-R SA.1344

Doc. 7/7

Preferred frequency bands and bandwidths for the transmission of space VLBI data

The Annex has been removed, but its contents are used in a new report. In *recommends* 1, 25.5-27 GHz band is added to the preferred frequency bands for telemetry data and time/phase transfer. Also, a footnote is added to state that Radioastron will continue to use 8.4 GHz band for phase transfer.

Draft new Recommendation ITU-R RS.[PATTERN EESS]

Doc. 7/10

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

This draft new Recommendation provides a reference antenna pattern for EESS passive sensors to be used in compatibility studies in the frequency range 1.4-100 GHz when no other information is available on actual sensor antennas.

Annex 3

Topics to be addressed at meetings of Working Parties 7A, 7B and 7C 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-frequency and time-signal emissions (possible draft revision of Recommendation ITU-R TF.460-6 - see Annex 2(Rev.1) to [Document 7A/11](#)).

Working Party 7B

Aggregate interference criteria for space-to-Earth data transmission systems operating in the Earth exploration-satellite and meteorological-satellite services using satellites in low-Earth orbit (possible draft revision of Recommendation ITU-R SA.1026-3 - see Annex 1 to [Document 7B/32](#)).

Sharing and coordination criteria for space-to-Earth data transmission systems in the Earth exploration-satellite and meteorological-satellite services using satellites in low-Earth orbit (possible draft revision to Recommendation ITU-R SA.1027-3 - see Annex 2 to [Document 7B/32](#)).

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 (possible draft revision of Recommendation ITU-R SA.1275-1 - see Annex 3 to [Document 7B/32](#)).

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 (possible draft revision of Recommendation ITU-R SA.1276-1 - see Annex 4 to [Document 7B/32](#)).

Methods for predicting radiation patterns of large antennas used for space research and radio astronomy (possible draft revision of Recommendation ITU-R SA.1345 - see Annex 5 to [Document 7B/32](#)).

Guidelines for efficient use of the band 25.5-27.0 GHz between the Earth exploration-satellite service (space-to-Earth) and space research service (space-to-Earth) (possible draft new Recommendation ITU-R SA.[26 GHz] - see Annex 6 to [Document 7B/32](#)).

Working Party 7C

Preferred frequencies and necessary bandwidths for spaceborne active remote sensors (possible draft revision to Recommendation ITU-R RS.577-6 – see sub-section 2.2 of [Document 7C/32](#) and [Document 7C/16](#)).

Performance and interference criteria for active spaceborne sensors (possible draft revision to Recommendation ITU-R RS.1166-3 – see sub-section 2.2 of [Document 7C/32](#) and [Document 7C/18](#)).

Interference criteria for meteorological aids operated in the 400.15-406 MHz and 1 668.4-1 700 MHz bands (possible draft revision to Recommendation ITU-R RS.1263 – see sub-section 2.3 of [Document 7C/32](#) and Annex 5 to [Document 7C/259](#) (2003-2007 study period)).

Typical technical and operational characteristics of Earth exploration-satellite service (passive) systems operating below 275 GHz (possible draft new Recommendation ITU-R RS.[PASSIVE_CHARS] – see Annex 3 to [Document 7C/32](#)).