

**Radiocommunication Bureau (BR)**Administrative Circular  
**CACE/613**

29 May 2013

**To Administrations of Member States of the ITU, Radiocommunication Sector Members and ITU-R Associates participating in the work of Radiocommunication Study Group 7**Subject: **Meeting of Radiocommunication Study Group 7 (Science services), Geneva, 10 and 18 September 2013****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 10 and 18 September 2013, following the meetings of Working Parties 7A, 7B, 7C and 7D (see Circular Letter [7/LCCE/61](#)).

The Study Group meeting will be held in the ITU Headquarters, Geneva. The opening session will take place at 0930 hours.

Group	Meeting date	Deadline for contributions 1600 hours UTC	Opening session
Study Group 7	10 and 18 September 2013	Tuesday, 3 September 2013	Tuesday, 10 September 2013 at 0930 hours

**2 Programme of 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 on:

<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 1-6)**

Two draft new Recommendations and four draft revised Recommendations are proposed for adoption by the Study Group at its meeting in accordance with § 10.2.2 of Resolution ITU-R 1-6.

In accordance with § 10.2.2.1 of Resolution ITU-R 1-6, 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 1-6)**

The procedure described in § 10.2.3 of Resolution ITU-R 1-6 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 prior to 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 shall use the procedure for simultaneous adoption and approval (PSAA) by correspondence of these draft Recommendations as described in § 10.3 of Resolution ITU-R 1-6 (see also § 2.3 below), if there is no objection by any Member State attending the meeting.

In accordance with § 2.25 of Resolution ITU-R 1-6, Annex 3 to this Circular contains a list of topics to be addressed at the Working Party meetings held 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 1-6 unless the Study Group has decided to use the PSAA procedure as described in § 10.3 of Resolution ITU-R 1-6 (see § 2.2 above).

## **3 Contributions**

Contributions in response to the work of Study Group 7 are processed according to the provisions laid down in Resolution ITU-R 1-6.

The membership is encouraged to submit contributions (including revisions, addenda and corrigenda to contributions) in order for them to be received 12 calendar days prior to the start of the meeting. The deadline for reception of contributions is seven calendar days (1600 hours UTC) prior to the start of the meeting. **The deadline for reception of contributions for this meeting is specified in the table above.** Contributions received later than this deadline cannot be accepted. Resolution ITU-R 1-6 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:

[sg7@itu.int](mailto:sg7@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/go/rsg7/ch>

## **4 Documents**

Contributions will be posted "as received" within one working day on the webpage established for this purpose: <http://www.itu.int/md/R12-SG07.AR-C/en>.

The official versions will be posted on <http://www.itu.int/md/R12-SG07-C/en> within 3 working days.

In agreement with the Chairman of Study Group 7, **the Study Group meeting will be completely paperless**. Wireless LAN facilities will be available for use by delegates in the meeting rooms. Printers are available in the cyber café of the 2<sup>nd</sup> basement of the Tower building and on the ground and first floors of the Montbrillant building for delegates who wish to print documents. In addition, the Service Desk ([servicedesk@itu.int](mailto:servicedesk@itu.int)) has prepared a limited number of laptops for those who do not have one.

## 5 Remote participation

In order to facilitate remote participation in ITU-R meetings an audio webcast of the Study Group Plenary meetings in all languages will be provided through the ITU Internet Broadcasting Service (IBS).

Remote participants wishing to actively participate (e.g. to introduce a contribution) will need to register in advance for the meeting (see section 6) and coordinate their active participation at least one month prior to the meeting with the responsible Counsellor.

Further information regarding remote participation can be found at:  
[www.itu.int/ITU-R/go/rsg-remote/](http://www.itu.int/ITU-R/go/rsg-remote/).

## 6 Participation/Visa requirements/Accommodation

Advance registration to ITU-R events is mandatory and carried out exclusively online through Designated Focal Points (DFPs). Each ITU-R Member has been requested to designate a DFP responsible for the handling of all registration formalities, including visa support requests that should also be submitted by the DFP during the on-line registration process. Individuals wishing to be registered to an ITU-R event should contact directly the DFP for their entity. The list of ITU-R DFPs (TIES protected) as well as detailed information on event registration, visa support requirements, hotel accommodation, etc., can be found at:  
[www.itu.int/en/ITU-R/information/events](http://www.itu.int/en/ITU-R/information/events).

François Rancy  
Director

**Annexes:** 3

### Distribution:

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 7
- 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, 10 and 18 September 2013)

- 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 meetings of Study Group 7 on 8 and 9 May 2012 ([Document 7/20](#))
- 5** Preparation for RA-15, CPM 15-1 and WRC-15
- 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** Adoption of draft new and revised Recommendations and decision on approval procedure (see Resolution ITU-R 1-6, §§ 10.2.1, 10.2.2 and 10.4)
- 8** Consideration and adoption of new and revised Reports
- 9** Suppression of Recommendations, Reports and Questions
- 10** Progress in the development of Handbooks
- 11** Liaison with other Study Groups and international organizations
- 12** Consideration of other contributions
- 13** Consideration of future work programme and discussion on a tentative meeting schedule
- 14** Any other business

V. MEENS  
Chairman, Study Group 7

## Annex 2

### Titles and summaries of the draft Recommendations

Draft new Recommendation ITU-R SA.[EES/MET DCS INTERF]

(Doc. 7/22)

#### **Protection criteria for non-GSO data collection platforms in the band 401-403 MHz**

This Recommendation provides information on the current and future usage of the non-GSO data collection systems (DCS) in the 401-403 MHz, and the portioning of the band to allow all DCS systems equal access to the spectrum.

Draft new Recommendation ITU-R SA.[EES/METSATusage 401-403 MHz]

(Doc. 7/23)

#### **Basic general partitioning and sharing conditions for the band 401-403 MHz for future long-term coordinated use of data collection systems on geostationary and non-geostationary METSAT and EESS systems**

This Recommendation provides information on the performance and interference criteria for non-GSO Data Collection Systems (DCS) in the 401-403 MHz.

Draft revision of Recommendation ITU-R SA.509-2

(Doc. 7/21)

#### **Space research earth station and radio astronomy reference antenna radiation pattern for use in interference calculations, including coordination procedures, for frequencies less than 30 GHz**

This Recommendation has been updated to include reference antenna radiation patterns to be used for single and multiple entry interference cases. In addition, the patterns are extended to cover the main beam for off-axis angles less than one degree, and to include the higher gains observed for off-axis angles between 80 and 120 degrees due to spillover.

Draft revision of Recommendation ITU-R RA.1417

(Doc. 7/24)

### **A radio-quiet zone in the vicinity of the L<sub>2</sub> Sun-Earth Lagrange point**

The L<sub>2</sub> Lagrange point or L<sub>2</sub> point, some 1 500 000 km from the Earth, provides a radio-quiet environment and stable orbits that are used for space-based radio astronomy and space research service (passive) missions. This revision provides timely information on such use and reiterates the importance of preserving the radio-quiet environment of the L<sub>2</sub> point as a basis for future space-based radio astronomy missions.

Draft revision of Recommendation ITU-R SA.1414

(Doc. 7/29)

### **Characteristics of data relay satellite systems**

The purpose of the revision to this Recommendation is to update parameter values for Chinese, Russian and American data relay satellite systems and their users. The corresponding text has been revised accordingly.

Draft revision of Recommendation ITU-R SA.1155

(Doc. 7/31)

### **Protection criteria related to the operation of data relay satellite systems**

The current Recommendation ITU-R SA.1155 was last updated in 1995. In this draft revision of Recommendation ITU-R SA.1155, references to out of date Reports and Recommendations are updated, protection criteria are updated and presented in the form of I/N values, and the supporting analysis and text are revised to make them more consistent with and relevant to the protection criteria.

## **Annex 3**

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

#### **Working Party 7A**

Proposed changes related to time-scales for Recommendation ITU-R TF.686-2 “Glossary and definitions of time and frequency terms” (PDRR ITU-R TF.686-2 – See Annex 2 to [Document 7A/28](#))

#### **Working Party 7B**

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 (PDRR ITU-R SA.1275-3 - See Annex 1 to [Document 7B/154](#))

Feasibility of sharing between the space research service (space-to-Earth) and the fixed and mobile services in the band 14.8-15.35 GHz (PDRR ITU-R SA.1626 - See Annex 2 to [Document 7B/154](#))

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 (PDRR ITU-R SA.1276-3 - See Annex 3 to [Document 7B/154](#))

Characteristics to be used for assessing interference to systems operating in the Earth exploration-satellite and meteorological-satellite services, and for conducting sharing studies (PDNR ITU-R SA.[EES/MET CHAR] - See Annex 18 to [Document 7B/154](#))

Protection criteria for meteorological satellite and Earth exploration satellite system (PDNR ITU-R SA.[EES/MET METH] - See Annex 19 to [Document 7B/154](#))

#### **Working Party 7C**

Typical technical and operating characteristics for spaceborne radar sounder systems using the 40-50 MHz band (PDNR ITU-R RS.[SPAC\_RAD\_SNRD] - See Annex 3 to [Document 7C/126](#))

Typical technical and operational characteristics of Earth exploration-satellite service (active) systems using allocations between 432 MHz and 238 GHz (PDNR ITU-R RS.[ACTIVE\_CHAR] - See Annex 5 to [Document 7C/126](#))

Evaluation method to determine compatibility between terrestrial receivers in the radionavigation-satellite service and spaceborne sensors in the Earth exploration-satellite (active) service in the 1 215-1 300 MHz band (PDNR ITU-R RS.[EESS\_RNSS\_Meth] - See Annex 13 to [Document 7C/126](#))

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