



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/669**

7 March 2014

**To Administrations of Member States of the ITU, Radiocommunication Sector Members and ITU-R Associates participating in the work of the Radiocommunication Study Group 4**

Subject: **Meeting of Radiocommunication Study Group 4 (Satellite services), Geneva, 11 July 2014**

### 1 Introduction

By means of this Administrative Circular, we wish to announce that a meeting of ITU-R Study Group 4 will take place in Geneva on Friday, 11 July 2014, following the meetings of Working Parties 4A, 4B and 4C (see Circular Letter [4/LCCE/116](#)).

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	Opening session
Study Group 4	11 July 2014	Friday, 4 July 2014 at 1600 hours UTC	Friday, 11 July 2014 at 0930 hours (local time)

### 2 Programme of the meeting

The draft agenda for the meeting of Study Group 4 is contained in Annex 1. The Questions assigned to Study Group 4 may be found on:

<http://www.itu.int/pub/R-QUE-SG04/en>

#### 2.1 Adoption of draft Recommendations at the Study Group meeting (§ 10.2.2 of Resolution ITU-R 1-6)

Two draft revisions of 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 revisions of 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 that 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 4A, 4B and 4C 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 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 meetings of the Working Parties held 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 1-6, 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 4 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:

[rsg4@itu.int](mailto:rsg4@itu.int)

A copy should also be sent to the Chairman and Vice-Chairmen of Study Group 4. The pertinent addresses can be found on:

<http://www.itu.int/go/rsg4/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-SG04.AR-C/en>

The official versions will be posted on <http://www.itu.int/md/R12-SG04-C/en> within 3 working days.

In agreement with the Chairman of Study Group 4, **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 floor and first floor 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).

## **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 directly contact 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 4
- ITU-R Associates participating in the work of Radiocommunication Study Group 4
- 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 4

(Geneva, 11 July 2014)

- 1 Opening remarks
  - 1.1 Director BR
  - 1.2 Chairman
- 2 Approval of the agenda
- 3 Appointment of the Rapporteur
- 4 Summary Record of the previous meeting (Document [4/52 + Add.1](#))
- 5 Report on Study Group 4 activities related to the Conference Preparatory Meeting for WRC-15
- 6 Report of the twenty-first Radiocommunication Advisory Group meeting
- 7 Report of the meeting of JTG 4-5-6-7
- 8 Consideration of the outputs of the Working Parties
  - 8.1 Working Party 4C
    - 8.1.1 Executive Report
    - 8.1.2 Draft Recommendations where notice of intention to seek adoption was given (see Res. 1, § 10.2.2 and 10.4)
    - 8.1.3 Draft Recommendations where notice of intention to seek adoption was not given (see Res. 1, § 10.2.3, 10.3 and 10.4)
    - 8.1.4 Draft Reports
    - 8.1.5 Draft Questions
  - 8.2 Working Party 4B
    - 8.2.1 Executive Report
    - 8.2.2 Draft Recommendations where notice of intention to seek adoption was given (see Res. 1, § 10.2.2 and 10.4)
    - 8.2.3 Draft Recommendations where notice of intention to seek adoption was not given (see Res. 1, § 10.2.3, 10.3 and 10.4)
    - 8.2.4 Draft Reports
    - 8.2.5 Draft Questions
  - 8.3 Working Party 4A
    - 8.3.1 Executive Report
    - 8.3.2 Draft Recommendations where notice of intention to seek adoption was not given (see Res. 1, § 10.2.3, 10.3 and 10.4)

**8.3.3** Draft Reports

**8.3.4** Draft Questions

- 9** Status of Study Group 4 texts
- 10** Status of WRC Resolutions and Recommendations related to Study Group 4
- 11** Liaison with other Study Groups and international organizations
- 12** Consideration of future work programme and schedule of meetings
- 13** Any other business

C. HOFER

Chairman, Radiocommunication Study Group 4

## Annex 2

### **Titles and summaries of the draft revisions of Recommendations proposed for adoption at the Study Group 4 meeting**

Draft revision of Recommendation ITU-R M.1850-1

Doc. 4/58

#### **Detailed specifications of the radio interfaces for the satellite component of International Mobile Telecommunications-2000 (IMT-2000)**

##### **Summary of the revision**

Recommendation ITU-R M.1850 identifies the IMT-2000 satellite radio interface specifications, originally based on the key characteristics identified in the output of activities outside ITU. The satellite radio interface for 3<sup>rd</sup> generation mobile satellite systems has continued to develop at a fast rate. The latest version was published by ETSI in December, 2012. This revision updates section 4.3.7 (Satellite radio interface H specifications) to make the Recommendation ITU-R M.1850 consistent with the Geo-Mobile-Radio-1 (GMR-1) specifications currently in force. No self-evaluation form is required with this revision as none of the changes effect the answers to the form presented with the current version of the Recommendation.

The updates include two new sub-sections and expanded text that describe key features of the newer releases as well as updated figures and tables to better describe the current standard. These modifications cover the topics of efficient multicast implementation, flexible beam coverage, new PDTCH variants, and control channels implementation. ETSI document references are updated throughout the text. Other minor editorial changes have also been performed.

Draft revision of Recommendation ITU-R M.1787-1

Doc. 4/57

#### **Description of systems and networks in the radionavigation-satellite service (space-to-Earth and space-to-space) and technical characteristics of transmitting space stations operating in the bands 1 164-1 215 MHz, 1 215-1 300 MHz and 1 559-1 610 MHz**

##### **Summary of the revision**

This revision of Recommendation ITU-R M.1787-1 includes 1) editorial corrections to the main body of the Recommendation and alignment of *considerings* and *recognizings* in conformance with the ITU-R Recommendations Format Guidelines; 2) addition of a new *recognizing h*) to include reference to new Recommendation ITU-R M.2030 on pulsed interference; 3) some minor updates to the Navstar Global Positioning System (GPS) information contained in Annex 2; 4) updates to the Galileo information in Annex 3; 5) updates to the QZSS information in Annex 4; and 6) updates to the IRNSS and GAGAN information in Annex 10 to make available the most recent details of the systems. Additionally, all occurrences of the word “triangulation” were replaced with the more appropriate term, “trilateration.”

### **Annex 3**

#### **Topics to be addressed at meetings of Working Parties 4A, 4B and 4C held prior to the meeting of Study Group 4 and for which draft Recommendations may be developed**

##### **Working Party 4A**

Alternative BSS earth station antenna radiation pattern for 12 GHz BSS bands with effective apertures in the range 55-75 cm (DNR ITU-R BO.[ALT\_BSS\_ANT\_DIAG], see Document 4/59).

Electronic data file format for earth station antenna patterns (PDRR ITU-R S.1717, see Annex 2 to [Document 4A/468](#)).

##### **Working Party 4B**

Carrier identification system for digital-modulation transmissions of fixed-satellite service (FSS) occasional use (OU) carrier earth station transmissions using geostationary-satellite networks in the 4/6 GHz and 11-12/13/14 GHz FSS bands (PDNR ITU-R S.[DIGCID], see Annex 2 to [Document 4B/139](#)).

##### **Working Party 4C**

Protection criteria for Cospas-Sarsat search and rescue instruments in the band 406-406.1 MHz (PDRR ITU-R M.1478-2, see Annex 1 to [Document 4C/289](#)).

A coordination methodology for RNSS inter-system interference estimation (PDRR ITU-R M.1831, see Annex 2 to [Document 4C/289](#)).

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