



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/723**

17 April 2015

**To Administrations of Member States of the ITU, Radiocommunication Sector Members and ITU-R Associates participating in the work of the Radiocommunication Study Group 6 and ITU Academia**

Subject: **Meeting of Radiocommunication Study Group 6 (Broadcasting service), Geneva, 24 July 2015**

### 1 Introduction

By means of this Administrative Circular, I wish to announce that a meeting of ITU-R Study Group 6 will take place in Geneva on 24 July 2015, following the meetings of Working Parties 6A, 6B and 6C (see Circular Letter [6/LCCE/92](#)).

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 6	24 July 2015	Friday, 17 July 2015 at 1600 hours UTC	Friday, 24 July 2015 at 0930 hours (local time)

### 2 Programme of the meeting

The draft agenda for the meeting of Study Group 6 is contained in Annex 1. The Questions assigned to Study Group 6 may be found on:

<http://www.itu.int/pub/R-QUE-SG06/en>

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

No Recommendations are proposed for adoption by the Study Group in accordance with § 10.2.2 of Resolution ITU-R 1-6.

#### 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 6A, 6B and 6C 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 the 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 2 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 Workshop on the Future of Sound in Broadcasting**

A workshop on the Future of Sound in Broadcasting will be held on Wednesday 15 July 2015 from 1600 to 2000 hours. A draft program is contained in Annex 3.

## **4 Contributions**

Contributions in response to the work of Study Group 6 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 7 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:

[rsg6@itu.int](mailto:rsg6@itu.int)

A copy should also be sent to the Chairman and Vice-Chairmen of Study Group 6. The pertinent addresses can be found on:

<http://www.itu.int/go/rsg6/ch>

## **5 Documents**

Contributions will be posted “as received” within one working day on the webpage established for this purpose:

<http://www.itu.int/md/R12-SG06.AR-C/en>

The official versions will be posted on <http://www.itu.int/md/R12-SG06-C/en> within 3 working days.

In accordance with Resolution 167 (Rev. Busan, 2014), **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.

## **6 Remote participation**

In order to follow the proceedings of ITU-R meetings remotely an audio webcast of the Study Group Plenary meetings in all languages will be provided through the ITU Internet Broadcasting Service (IBS). Participants do not need to register for the meeting to use the webcast facility, however, an ITU [TIES account](#) is required to access the webcast.

## **7 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 6
- ITU-R Associates participating in the work of Radiocommunication Study Group 6
- ITU Academia
- 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 8<sup>th</sup> meeting of Radiocommunication Study Group 6**

(Geneva, 24 July 2015)

- 1** Opening of the meeting
- 2** Approval of the agenda
- 3** Appointment of the Rapporteur
- 4** Summary Record of the previous meeting (Document [6/370](#))
- 5** Executive Reports from Working Party Chairmen
  - 5.1** Working Party 6A
  - 5.2** Working Party 6B
  - 5.3** Working Party 6C
- 6** Consideration of new and revised Recommendations
  - 6.1** Recommendations where notice of intention to seek adoption was not given (see Resolution ITU-R 1-6, §§ 10.2.3, 10.3 and 10.4)
    - Decision to adopt the text by Study Group
    - Decision on eventual approval procedure to be followed
- 7** Consideration of new and revised Reports
- 8** Consideration of new and revised Questions
- 9** Suppression of Recommendations, Reports and Questions
- 10** Consideration of other contributions
- 11** Results of the meetings of ITU-R SG 6 Steering Committee
- 12** Status of Handbooks, Questions, Recommendations, Reports, Opinions, Resolutions and Decisions
- 13** Liaison with other Study Groups and international organizations
- 14** Schedule of meetings
- 15** Any other business

C. DOSCH

Chairman, Radiocommunication Study Group 6

## **Annex 2**

### **Topics to be addressed at meetings of Working Parties 6A, 6B and 6C held prior to the meeting of Study Group 6 and for which draft Recommendations may be developed**

#### **Working Party 6A**

Planning criteria for terrestrial multimedia broadcasting for mobile reception using handheld receivers in VHF/UHF bands (PDRR ITU-R BT.2052-0 – see Annex 1 to Document [6A/562](#))

#### **Working Party 6B**

Multi-dimensional audio (MDA) (PDNR ITU-R BS.[MDA] – see Annex 1 to Document [6B/303](#))

Long form file format for the international exchange of audio programme materials with metadata on information technology media (PDNR ITU-R BS.[BW64] – see Annex 2 to Document [6B/303](#))

Serial digital fibre transmission system for signals conforming to Recommendations ITU-R BT.656, ITU-R BT.799, ITU-R BT.1120 and ITU-R BT.[UHDTV-IF-Part3] (PDRR ITU-R BT.1367-1 – see Annex 4 to Document [6B/303](#))

24-bit digital audio format as ancillary data signals in HDTV and UHDTV serial interfaces (PDRR ITU-R BT.1365-1 – see Annex 5 to Document [6B/303](#))

Format of ancillary data signals carried in digital component studio interfaces (PDRR ITU-R BT.1364-3 – see Annex 6 to Document [6B/303](#))

Audio coding for digital broadcasting (PDRR ITU-R BS.1196-4 – see Annex 7 to Document [6B/303](#))

#### **Working Party 6C**

Colorimetry conversion from Recommendation ITU-R BT.709 to Recommendation ITU-R BT.2020 (PDNR ITU-R BT.[709to2020] – see Annex 1 to Document [6C/431](#))

Identification and ordering of multiple audio channels carried on international contribution circuits (PDRR ITU-R BS.1738 – see Annex 2 to Document [6C/431](#))

## Annex 3

### ITU-R Study Group 6 Workshop

## The Future of Sound in Broadcasting

(Speakers and topics to be confirmed)

**Wednesday, 15 July 2015, 1600 to 2000 hours**

(Mid-week of Working Party 6C meeting)

1600 to 1715 hours	<b>Session 1: Immersive Audio and Programme Production</b> Chair: Craig Todd, Vice Chair 6C	
	1	The use of object based audio in programme making
	2	The future of illustrated sound in programme making
	3	Mixing entertainment in immersive audio formats
	4	Interactive discussion of immersive audio and programme production
1715 to 1745 hours	Break (with potential demos)	
1745 to 1930 hours	<b>Session 2: Delivery and Reproduction</b> Chair: David Wood, Chair 6C	
	1	Delivery over MPEG-H
	2	Delivery over DTS-X
	3	Delivery over E-AC-3 and AC-4
	4	Using phased arrays to improve audibility
	5	Reproduction with virtual rendering and WFS
	6	Reproduction with directional loudspeakers
1930 to 2000 hours	<b>Session 3: What sound issues should ITU-R focus on?</b> Chairs: Craig Todd and David Wood	
		Interactive discussion

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