Telecommunication Standardization Bureau (TSB)

Radiocommunication Bureau (BR)

Ref: **TSB Circular 119**
Tel: +41 22 730 5858
Fax: +41 22 730 5853
E-mail: tsbsg9@itu.int

- To Administrations of Member States of the Union;
- To ITU-T and ITU-R Sector Members;
- To ITU-T and ITU-R Associates;
- To ITU-T and ITU-R Academia

Ref: **BR Circular CACE/696**
Tel: +41 22 730 5803
Fax: +41 22 730 5806
E-mail: rsg6@itu.int

Copy:
- To the Chairmen and Vice-Chairmen of all ITU-T and ITU-R Study Groups;
- To the Director of the Telecommunication Development Bureau

Subject: **Creation of a new ITU Intersector Rapporteur Group on Integrated Broadcast-Broadband systems (IRG-IBB) and its first meeting, Monday 17 November 2014**

Dear Sir/Madam,

1   We are pleased to announce the establishment of the new **ITU Intersector Rapporteur Group on Integrated Broadcast-Broadband systems (IRG-IBB),** further to the agreement by ITU-T SG9 on 12 September 2014 and ITU-R SG6 on 4 April 2014.

2   IRG-IBB studies topics related to Integrated Broadcast-Broadband (IBB) systems. An IBB system is based on the combination of the technologies of both broadband and various broadcasting including over-the-air and cable. Various multiple devices are used for effective presentation of content and user interactivity. Wide range of services are enabled by the IBB system. Considering flexibility of choice of technologies to provide required system behaviour, similar but different technologies for the same purpose or a technology for different purpose may be used. It should be considered to have commonality or reasonable complexity of the systems as much as possible to avoid proliferation of the system standards, which will avoid or mitigate fragmentation of the market of receivers and services.

This IRG will study topics related to Integrated Broadcast-Broadband systems, aiming at development of Recommendations, and other non-normative materials, as appropriate.

The study areas comprise:

—   coordination of the progress of specific topics of mutual interest restricted to the area of Integrated Broadcast-Broadband systems including but not exclusively:

o identification of potential work items that may be jointly progressed as ITU-T and/or ITU-R Recommendations;

o analysis of the existing IBB systems from the viewpoint of Recommendations ITU-T J.205 and ITU-R BT.2053. Consideration should also be given to commonality of the system definition and behaviours.

The IRG-IBB will collaborate with other SDOs, as appropriate, and other relevant organizations which develop, or are involved with, related technologies (e.g., fora and consortia, research institutes and academia).

The IRG-IBB intends to emphasize remote participation and co-located meetings (e.g., with a study group meeting, interim rapporteur meeting).

The IRG-IBB webpage is available at http://itu.int/en/irg/ibb . An email list to support communication of this group has been set up (irgibb@lists.itu.int). It requires subscription, for more information see IRG-IBB webpage.

3   The agreed Terms of Reference of IRG-IBB are reproduced in **Annex 1**.

4   This IRG is regulated by the provisions applicable to rapporteur groups, given in Resolution ITU-R 1-6 and in Recommendation ITU-T A.1 (clause 2.3 in particular).

5   The first meeting of IRG-IBB is scheduled to take place in Geneva, **Monday 17 November 2014** co-located with ITU-R SG6. The meeting will start at 18:00, meeting room will be displayed on the screens available at the ITU premises.

Information on logistics for the meeting, as well as online registration to attend the meeting, are available at the IRG-IBB webpage.

Participants are encouraged to submit input documents by electronic mail (12 days before the start of the meeting) to the two co-chairs at their email address as follows:

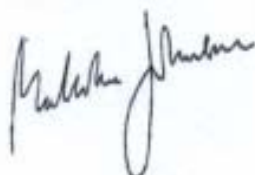- ITU-R SG6 co-chair: Ana Eliza Faria e Silva (ana.eliza@tvglobo.com.br)

- ITU-T SG9 co-chair: Masaru Takechi (takechi.m-fa@nhk.or.jp)

The meeting of the IRG-IBB will be paperless. The discussions will be held in English only.

6   Remote participation will be available for the meeting. Remote participation must be requested at least 2 weeks in advance (by **Monday 3 November 2014**) via the online registration, see above.

7   The items for discussion at the meeting will be made available on the IRG-IBB web page, together with information related to the meeting, a draft agenda, and the contributions received.

Yours faithfully,

Malcolm Johnson
Director of the Telecommunication
Standardization Bureau

François Rancy
Director of the
Radiocommunication Bureau

Annex: 1

ANNEX 1
(to TSB Circular 119/BR Circular CACE/696)

Terms of Reference of Intersector Rapporteur Group on
Integrated Broadcast-Broadband systems (IRG-IBB)

Preamble

WTSA Resolution 18 was revised in WTSA-12 to allow for ITU-R experts to jointly develop work with ITU-T experts in a group officially recognized by both ITU-R and ITU-T.

The **Intersector Rapporteur Group on Integrated Broadcast-Broadband systems (IRG-IBB)** is established in accordance with Annex C of WTSA-12 Resolution 18 and the corresponding provisions in Resolution ITU-R 6 (in line with the Conclusions of the Radiocommunication Advisory Group (RAG) taken at their meeting on 22-24 May 2013, ref. agenda item 5 in http://www.itu.int/en/ITU-R/conferences/rag/Documents/SUMOFCONCLFINAL.docx).

Objectives

An Integrated Broadcast-Broadband (IBB) system is based on the combination of the technologies of both broadband and various broadcasting including over-the-air and cable. And various multiple devices are used for effective presentation of content and user interactivity in some cases. Wide range of services enabled by the IBB system is achieved by its complicated system behaviour. Considering flexibility of choice of technologies to provide required system behaviour, similar but different technologies for the same purpose or a technology for different purpose may be used. It should be considered to have commonality or reasonable complexity of the systems as much as possible to avoid proliferation of the system standards, which will avoid or mitigate fragmentation of the market of receivers and services.

The IRG will thus consider system definition and system behaviour of existing and potential IBB systems currently in the purview of the ITU-R Study Group 6 and the ITU-T Study Group 9).

This IRG will study topics related to Integrated Broadcast-Broadband systems, aiming at development of Recommendations, and other non-normative materials, as appropriate.

This IRG will also address matters contributing to the coordination of the standardization work of the involved ITU-T and ITU-R groups.

The study areas comprise:

−   coordination of the progress of specific topics of mutual interest restricted to the area of Integrated Broadcast-Broadband systems including but not exclusively:

  o identification of potential work items that may be jointly progressed as ITU-T and/or ITU-R Recommendations;

  o analysis of the existing IBB systems from the viewpoint of Recommendations ITU-T J.205 and ITU-R BT.2053. Consideration should also be given to commonality of the system definition and behaviours.

The IRG-IBB will collaborate with other SDOs, as appropriate, and other relevant organizations who develop related to or involved technologies (e.g., forums and consortia, research institutes and academia).

Relations within and outside ITU-T and ITU-R

While the primary objective of this IRG is to foster coordination and collaboration between the parent groups on the IRG objectives, collaboration with any relevant study group or other relevant groups is encouraged.

Rapporteur groups of other ITU-T and ITU-R groups may join this IRG on request and upon agreement of the parent groups.

The IRG may prepare liaison statements to other groups. The parent groups are to be copied on any such communications.

Parent groups

The parent groups of the IRG-IBB are ITU-T Study Group 9 and ITU-R Study Group 6.

Leadership

IRG-IBB will be led by a Management Team composed of two or more experts, each one being nominated by each of the two parent groups. Chairpersons of the IRG should, exofficio, belong to the Management Team. This Management Team represents the core team of the IRG and is expected to expedite the work. Consequently, only such persons should be nominated member of the Management Team that have the time and skills to further the work of the IRG.

In driving the work, the members of the Management Team may decide on sharing the work and the responsibilities associated with tasks given to the IRG. In any case, however, they should work together with respect to output of the IRG and initiate and conduct the work of the IRG toward its completion within the given time period.

Participation

Participation is open to members of ITU-T and ITU-R that can participate in the work of the ITU-T and ITU-R parent groups. The IRG-IBB Management Team may invite individual experts as appropriate and in accordance with the rules for parent group meetings of ITU-T and ITU-R.

A list of participants will be maintained for reference purposes and reported to the parent groups as an attachment to the report of each meeting (see clause 9).

Deliverables

An IRG may draft new or revised Recommendations, as well as other non-normative materials.

These deliverables, upon consensus within the IRG, will be submitted to its parent study groups for further consideration following the rules and practices of the parent group to which the deliverable is assigned.

IRG-IBB will identify such deliverables and make pertinent proposals to its parent study groups (see clause 8).

Each parent group will be responsible for their own Recommendations. Any joint text Recommendations will be approved in a coordinated manner by the parent groups. Joint texts should as much as possible be technically aligned.

The results of an IRG's work are to represent the agreed consensus of the IRG, or reflect the diversity of views of the participants in the IRG.

Meetings

The frequency and location of meetings will be determined by the IRG and the overall meetings plan should be announced as soon as possible.

Meetings of the IRG must be agreed by the parent groups, or, in urgent cases, by the management of the parent groups. The meetings will be announced by electronic means (e.g., mailing lists and on the ITU website) at least two months in advance of the meeting.

The IRG will use remote collaboration tools to the maximum extent, and when physical meetings are deemed necessary, they should collocate with other planned physical meetings from which

synergies can be derived (in particular that of the parent groups, of their working parties, or of related interim rapporteur group meetings).

Meeting reports

This IRG shall prepare reports on its meetings and activities, to be submitted to the next meeting of its parent study groups. The information in such reports should contain the items listed in Recommendation ITU-T A.1 Appendix I.

Working language

The working language of this IRG will be English.

Working guidelines

This IRG will work by consensus.

This IRG is regulated by the provisions applicable to rapporteur groups, given in Resolution ITU-R 1-6 and in Recommendation ITU-T A.1 (see also the ITU-T manual for rapporteurs and editors at http://itu.int/go/ITU-T/REManual).

Additionally, the IRG will follow the guidelines found in WTSA-12 Resolution 18, Annex C, and in the corresponding provisions in Resolution ITU-R 6 (in line with the Conclusions of the Radiocommunication Advisory Group (RAG) taken at their meeting on 22-24 May 2013).

Members of the Management Team should discuss and agree detailed working method of the IRG prior to the first meeting of the IRG. Approval of the working method is required at the first meeting. Working method should be the way to accomplish the objectives within given time period.

Patent policy

The Common Patent Policy for ITU-T/ITU-R/ISO/IEC shall be used.

Termination of the IRG-IBB

The IRG-IBB will continue until the end of the current ITU-T Study Period (2013-2016). It may be extended by mutual approval of the parent groups.

_____