



Radiocommunication Bureau (BR)

Administrative Circular
CACE/623

30 July 2013

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

Subject: **Radiocommunication Study Group 6 (Broadcasting service)**
– **Proposed approval of 1 draft revised ITU-R Question**

At the meeting of Radiocommunication Study Group 6 held on 26 April 2013, the Study Group decided to seek adoption of 1 draft revised ITU-R Question by correspondence, according to § 3.1.2 of Resolution ITU-R 1-6.

As stated in Administrative Circular CACE/612, dated 17 May 2013, the consultation period for the adoption of the Question ended on 17 July 2013.

The Question has now been adopted by Study Group 6 and the approval procedure of Resolution ITU-R 1-6 § 3.1.2 is to be applied. The text of the draft ITU-R Question is attached for your reference in the Annex to this letter.

Having regard to the provisions of § 3.1.2 of Resolution ITU-R 1-6, Member States are requested to inform the Secretariat (brsgd@itu.int) by 30 September 2013, whether they approve or do not approve the proposal above.

Any Member State who objects to the approval of a draft Question is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

After the above-mentioned deadline, the results of this consultation will be announced in an Administrative Circular and the approved Question will be published as soon as practicable (see: <http://www.itu.int/ITU-R/go/que-rsg6/en>).

François Rancy
Director

Annex: 1

- 1 draft revised ITU-R Question

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
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and the 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

(Document 6/129)

DRAFT REVISION OF QUESTION ITU-R 136-1/6¹

Worldwide broadcasting roaming^{2, 3}

(2012-2013)

The ITU Radiocommunication Assembly,

considering

- a)* that there is an increasing demand to use portable broadcast receivers worldwide (worldwide roaming);
- b)* that the service requirements for digital sound broadcasting systems in different bands have been developed and adopted in ITU-R (Recommendation ITU-R BS.1348 for the bands below 30 MHz; Recommendation ITU-R BS.774 for VHF/UHF bands);
- c)* that the requirements for enhanced multimedia services for digital terrestrial broadcasting in VHF bands I and II have been developed and adopted in ITU-R (Recommendation ITU-R BS.1892);
- d)* that various digital sound broadcasting systems for fixed and mobile reception and their parameters are described in ITU-R Recommendations and Reports (Recommendations ITU-R BS.1514, ITU-R BS.1615, Reports ITU-R BS.2004, ITU-R BS.2144 for the bands below 30 MHz; Recommendations ITU-R BS.1114, ITU-R BS.1660, Reports ITU-R BS.1203, ITU-R BS.2208, ITU-R BS.2214 for VHF/UHF bands);
- e)* that various digital multimedia broadcasting systems for fixed and mobile reception and their parameters are described in ITU-R Recommendations and Reports (Recommendations ITU-R BT.1833, ITU-R BT.2016, Report ITU-R BT.2049);
- f)* that various digital terrestrial television broadcasting systems are described in ITU-R Recommendations and Reports (Recommendations ITU-R BT.709, ITU-R BT.1306, ITU-R BT.1877, Reports ITU-R BT.2140, ITU-R BT.2142, ITU-R BT.1543, etc.);

¹ This Question should be brought to the attention of ITU-R Study Groups 4, 5 and ITU-T Study Groups 9, 17 as well as to IEC.

² The definition of the term “roaming” for IMT-2000 is set in Recommendation ITU-R M.1224: the ability of a user to access wireless telecommunication services in areas other than the one(s) where the user is subscribed.

³ In this context, the term “worldwide broadcasting roaming” is defined as the possibility for a consumer to receive radio, multimedia or television programmes of interest in any location of the world where those programmes are available, using a single receiver irrespective of the broadcasting platform on which those programmes are delivered at that location is proposed for the reception, by a single receiver, of TV, sound and multimedia broadcasting being provided in different areas of the world.

- g) that various digital satellite sound and television broadcasting systems are described in ITU-R Recommendations (Recommendations ITU-R BO.1130, ITU-R BO.1516, ITU-R BO.1724, ITU-R BO.1784);
- h) that a set of ITU-R Recommendations invite the ITU membership and radio receiver manufacturers to study the possibility of the development of multiband, multistandard radio receivers (Recommendations ITU-R BS.774, ITU-R BS.1114, ITU-R BS.1348);
- j) that the implementation of various versions of interactivity in TV and radio broadcasting systems including use of Internet are described in ITU-R Recommendations (Recommendations ITU-R BT.1508, ITU-R BT.1564, ITU-R BT.1667, ITU-R BT.1832, etc.);
- k) that software-defined radio (SDR) is under study in ITU;
- l) that modern digital broadcasting receivers are increasingly based on loaded software or firmware that may be subject to updating;
- m) that modern broadcast receivers are often equipped with an interface that allows the additional connection to the Internet (for, e.g., interactivity and downloads);
- n) that methods of broadcast content delivery via future interactive and existing systems, as found in, for example, Recommendation ITU-R BT.1833 are in progress in addition to terrestrial broadcasting;
- o) that worldwide broadcasting roaming may facilitate the regional, national and international harmonization of broadcasting;
- p) that worldwide broadcasting roaming offers the possibility of intersystem interoperability for information services in disaster and emergency situations, navigation, safety, etc.,

decides that the following Questions should be studied

- 1 What are the service requirements and features for worldwide broadcasting roaming?
- 2 What are the system requirements (basic characteristics and performances) that need to be fulfilled in order to realize worldwide broadcasting roaming?
- 3 What are the technical characteristics of broadcast receivers including elements of SDR and its enhancements that may be used for implementation of worldwide broadcasting roaming?

further decides

- 1 that the results of the above studies should be included in (a) Report(s) and/or Recommendation(s);
- 2 that the above studies should be completed by 2015.

Category: S2
