Radiocommunication Bureau (BR)

Administrative Circular
CACE/612

17 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 6

Subject: **Radiocommunication Study Group 6 (Broadcasting service)**

– Proposed adoption by correspondence 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 Question according to § 3.1.2 of Resolution ITU-R 1-6 (Adoption by a Study Group by correspondence). The text of the draft ITU-R Question is attached for your reference in the Annex to this letter.

The consideration period shall extend for two months ending on 17 July 2013. If within this period no objections are received from Member States, the approval by consultation procedure of § 3.1.2 of Resolution ITU-R 1-6 will be initiated.

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

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

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Annex

(Document 6/129)

DRAFT REVISION OF QUESTION ITU-R 136-1/6[1]

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.);

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[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, t~~T~~he 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 receives 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 realise 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