



**Radiocommunication Bureau (BR)**

Administrative Circular  
**CACE/668**

28 February 2014

**To Administrations of Member States of the ITU, Radiocommunication Sector Members and ITU-R Associates participating in the work of Radiocommunication Study Group 5**

**Subject: Radiocommunication Study Group 5 (Terrestrial services)**  
**– Proposed approval of 1 draft new ITU-R Question**

At the meeting of Radiocommunication Study Group 5 held from 2 to 3 December 2013, the Study Group decided to seek adoption of 1 draft new ITU-R Question by correspondence, in accordance with § 3.1.2 of Resolution ITU-R 1-6.

As stated in Administrative Circular CACE/653, dated 20 December 2013, the consultation period for the adoption of the Question ended on 20 February 2014.

The Question has now been adopted by Study Group 5 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](mailto:brsgd@itu.int)) by 28 April 2014, 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/pub/R-QUE-SG05/en>).



François Rancyl  
Director

**Annex: 1**

- 1 draft new ITU-R Question

**Distribution:**

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 5
- ITU-R Associates participating in the work of Radiocommunication Study Group 5
- 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

### DRAFT NEW QUESTION ITU-R [DOC. XXX]/5<sup>1</sup>

#### **Operation of short-range radiocommunication public access system supporting hearing aid systems**

The ITU Radiocommunication Assembly,

*considering*

- a)* that in certain conditions, e.g. in noisy environments or for persons with impaired hearing it is desirable to operate appropriate radiocommunication hearing aids;
- b)* that many persons have impaired hearing;
- c)* that in such conditions acoustically linked hearing aids do not allow speech to be presented at an optimum level and without environmental noise and distortion;
- d)* that radio emission is a practical means of transferring a signal with a favourable signal-to-noise ratio from a transmission of a public system to a hearing aid;
- e)* that such a public access system could be designed to assist persons with a hearing loss to listen over distances as are encountered in ordinarily unaided speech;
- f)* that a range of transmission of about 20 metres for a public system would be adequate;
- g)* that certain countries are carrying out research and development into such systems;
- h)* that such a communication system may have wider application;
- i)* that persons with hearing impairments would benefit from using radiocommunication hearing aids when travelling;
- j)* that international harmonization of these devices is desirable,

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<sup>1</sup> Bring to the attention of ITU-T (JCA) and ITU-D Study Groups.

*decides* that the following Questions should be studied

- 1 What are the suitable technical and operational characteristics of a short-range radiocommunication public access system supporting hearing aid systems?
- 2 What are the:
  - frequency ranges in the land mobile service suitable for short-range radiocommunication public access system supporting hearing aid systems?
  - conditions that might allow compatible operation of short-range radiocommunication public access systems, supporting hearing aid systems and systems of other radio services within the VHF or UHF band?
- 3 What are the spectrum sharing criteria for short-range radiocommunication public access system supporting hearing aid systems and systems supporting other radio services?
- 4 What are the technologies suitable to short-range radiocommunication public access system supporting hearing aid systems?

*further decides*

- 1 that the results of the above studies should be included in one or more Recommendations, Reports or Handbooks;
- 2 that the above studies should be completed by 2015.

Category: S2

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