



Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/674**

2 May 2014

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

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

By Administrative Circular CACE/668 of 28 February 2014, 1 draft new ITU-R Question was submitted for approval by correspondence in accordance with Resolution ITU-R 1-6 (§ 3.1.2).

The conditions governing this procedure were met on 28 April 2014.

The text of the approved Question is attached for your reference in the Annex to this letter and will be published in Revision 2 to [Document 5/1](#) which contains the ITU-R Questions approved by the 2012 Radiocommunication Assembly and assigned to Radiocommunication Study Group 5.

A handwritten signature in black ink, appearing to read 'FRANÇOIS RANCY', with a long, sweeping underline.

François Rancy  
Director

**Annex: 1**

**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 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**

**QUESTION ITU-R 254/5<sup>1</sup>**

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

(2014)

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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