



Radiocommunication Bureau (BR)

Administrative Circular
CACE/653

20 December 2013

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 adoption by correspondence 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 in accordance with § 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 20 February 2014. 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 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

(Document [5/70](#))

DRAFT NEW QUESTION ITU-R [DOC. XXX]/5¹

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,

¹ Bring to the attention of ITU-T (JCA) and the relevant ITU-D Study Group.

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
