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| **Radiocommunication Study Groups** |  |
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| **3 June 2013** |
| **English only** |
| Annex 14 to Working Party 5A Chairman’s Report |
| WORKING DOCUMENT TOWARD A PRELIMINARY DRAFTNEW Question ITU-R [DOC. xxx/5] |
| Radiocommunication for short-range hearing aidsoperating in public access systems |

(20xx)

Q. ITU-R 49/8

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 a significant number of 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;

*j)* that persons with hearing impairments l would benefit from using radiocommunication hearing aids when travelling;

*k)* that international agreement to the use of these devices is desirable,

decides that the following Questions should be studied

1 What are the suitable technical characteristics of a short-range radiocommunication public access system supporting hearing aid systems?

2 What interference is likely to be caused to other services by the widespread use of low power radiocommunication public access system supporting hearing aids?

3 What are the acceptable characteristics from other services to permit satisfactory operation of radiocommunication hearing aids using an internationally common tuning range?

4 What are the preferred tuning ranges and mode of operation for a short-range public access system supporting hearing aids?

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 2017.

Category: S3