

INTERNATIONAL TELECOMMUNICATION UNION



Radiocommunication Bureau
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Administrative Circular
CAR/277

30 June 2009

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 5

– Proposed approval of 1 draft new ITU-R Question

At the meeting of Radiocommunication Study Group 5 held on 29 May 2009, 1 draft new ITU-R Question was adopted and it was agreed to apply the procedure of Resolution ITU-R 1-5 (see § 3.4) for approval of Questions in the interval between Radiocommunication Assemblies.

Having regard to the provisions of § 3.4 of Resolution ITU-R 1-5, you are requested to inform the Secretariat (brsgd@itu.int) by 30 September 2009, whether your Administration approves or does not approve the proposal above.

After the above-mentioned deadline, the results of this consultation will be notified in an Administrative Circular. If the Question is approved, it will have the same status as Questions approved at a Radiocommunication Assembly and will become an official text attributed to Radiocommunication Study Group 5 (see: <http://www.itu.int/publ/R-QUE-SG05/en>).

Valery Timofeev
Director, Radiocommunication Bureau

Annex: 1

– 1 draft new ITU-R Question

Distribution:

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

Annex

(Source: Document 5/134)

DRAFT NEW QUESTION ITU-R [LMS.SAC]/5

Mobile wireless access systems providing telecommunications for a large number of ubiquitous sensors and/or actuators scattered over wide areas in the land mobile service

The ITU Radiocommunication Assembly,

considering

- a) that rapid advances are being made in wireless telecommunications to link sensors and/or actuators associated with humans, animals and objects in various environments;
- b) that sensors and/or actuators for wireless telecommunications should be simple, small and inexpensive to realize the ubiquitous network society;
- c) that there are emerging applications that handle small amounts of data such as measurement data, location information and object control signals;
- d) that the application of wireless sensor and/or actuator telecommunications may provide the service to a large cell coverage and large variety of objects on a cell-by-cell basis due to the traffic characteristics of such applications stated in *considering* c) above;
- e) that mobility should be offered for wireless sensor and/or actuator telecommunications;
- f) that wireless sensor and/or actuator telecommunications can take place in non line-of-sight conditions;
- g) that it is desirable to identify the typical characteristics for the mobile wireless access systems used for sensor and/or actuator telecommunications in the land mobile service;
- h) that wireless access systems used for sensor and/or actuator telecommunications may also be used in nomadic and/or fixed applications,

decides that the following Question should be studied

- 1** What are the technical and operational requirements and characteristics of land mobile wireless access systems that will be used to provide telecommunications to large numbers of sensors and/or actuators scattered over wide areas?

further decides

- 1** that the results of the above studies should be included in Recommendations or Reports;
- 2** that the above studies should be completed by 2011.

Category: S2