



Radiocommunication Bureau
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Administrative Circular
CAR/196

13 September 2005

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 1
– **Proposed approval of 1 draft new Question**

At the meeting of Radiocommunication Study Group 1 held on 18 and 19 October 2004, 1 draft new ITU-R Question was adopted and it was agreed to apply the procedure of Resolution ITU-R 1-4 (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 1-4, you are requested to inform the Secretariat (brsgd@itu.int) by 13 December 2005, whether your Administration approves or does not approve this Question.

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 1 (see : <http://www.itu.int/ITU-R/publications/download.asp?product=que01&lang=e>).

Valery Timofeev
Director, Radiocommunication Bureau

Annex: 1

– 1 draft new ITU-R Question

Distribution:

- Administrations of Member States of the ITU
- ITU-R Associates participating in the work of Radiocommunication Study Group 1
- Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 1

ANNEX 1

Source: Document 1/45

DRAFT NEW QUESTION ITU.R SM.[Doc. 1/45]*

Measuring technique for measuring the noise floor in radio applications

The ITU Radiocommunication Assembly,

considering

- a) that radio noise sets a limit to the performance of radio systems and radio astronomy service;
- b) that knowledge of radio emission from natural sources is required in:
 - evaluation of the effects of the atmosphere on radiowaves;
 - allocation of frequencies to remote sensing of the Earth's environment;
- c) that the results of measurements of the noise floor, mentioned in Recommendation ITU-R P.372-7 are still based on the results made in the 70s;
- d) that the question is to which extent these levels represent those existing in today's reality and for that reason should be verified;
- e) that for that reason there is a need to develop a measuring method,

decides that the following Question should be studied

1 What frequency independent measurement methods can be used for the measurement of noise floor in radio applications?

further decides

1 that the results of the above studies should be included in (a) Recommendation(s) and/or Report;

2 that the above studies should be completed by 2007.

Category: S2

* This Question should be brought to the attention of Working Party 3J.