



Radiocommunication Bureau
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**Administrative Circular
CAR/300**

15 October 2010

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 1

- **Proposed approval of 1 draft new ITU-R Question and 1 draft revised ITU-R Question**
- **Proposed suppression of 1 ITU-R Question**

At the meeting of Radiocommunication Study Group 1 held on 27 September 2010, 1 draft new ITU-R Question and 1 draft revised ITU-R Question were 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. Furthermore, the Study Group proposed the suppression of 1 ITU-R Question.

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 14 January 2011, whether your Administration approves or does not approve the proposals above.

After the above-mentioned deadline, the results of this consultation will be notified in an Administrative Circular. If the Questions are approved, they will have the same status as Questions approved at a Radiocommunication Assembly and will become official texts attributed to Radiocommunication Study Group 1 (see: <http://www.itu.int/pub/R-QUE-SG01/en>).

Valery Timofeev
Director, Radiocommunication Bureau

Annexes: 3

- 1 draft new ITU-R Question, 1 draft revised ITU-R Question and proposed suppression of 1 ITU-R Question

Distribution:

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

Annex 1

(Source: Document 1/125)

DRAFT NEW QUESTION ITU-R [SPEC-MONIT-EVOL]/1

Spectrum Monitoring Evolution

The ITU Radiocommunication Assembly,

considering

- a) that spectrum monitoring is a key element of spectrum management;
- b) that radiocommunication technologies and systems are in a constant and rapid evolution;
- c) that, among other technologies, the impact of software defined radio and cognitive radio systems on spectrum monitoring needs to be studied;
- d) that any evolution of spectrum monitoring activities impacts administrations;
- e) that the ITU-R Recommendations and Reports in the SM Series, as well as the ITU Handbook on Spectrum Monitoring provide extensive information on spectrum monitoring of existing radio communication technologies and systems;
- f) that the existing spectrum monitoring systems (including fixed, mobile and transportable stations) may need to be assessed with respect to their capability for monitoring new radiocommunication technologies and systems;
- g) that the improvement in spectrum monitoring equipment enhances the efficiency and effectiveness of the spectrum management process;
- h) that the increasing amount of collected spectrum data may require adaptation of the organisation and spectrum monitoring techniques,

decides that the following Questions should be studied

- 1** What are the new considerations for monitoring of radiocommunication systems that are based on new technologies?
- 2** What are the new approaches that may be required in terms of organisation, procedures and equipment to monitor systems based on future radiocommunication technologies?
- 3** What are the needs for administrations in order to implement the new approaches to monitor systems based on future radiocommunication technologies?

further decides

- 1** that the results of the above studies shall be included in (a) Recommendation(s) and/or (a) Report(s);
- 2** that the above studies should be completed by 2013.

Category: S3

Annex 2

(Source: Document 1/93)

DRAFT REVISION OF QUESTION ITU-R 221-1/1*

Compatibility between radiocommunication systems and high data rate telecommunication systems using wired electrical power supply

(2000-2007)

The ITU Radiocommunication Assembly,

considering

- a) that electricity power supply continues to be used for low data rate telemetry or control purposes in LF bands;
- b) that electricity power supply is generally not designed or installed in such a way that RF radiation will be minimised;
- c) that new telecommunication systems are being designed which will operate with data rates ~~exceeding 1 Mup to 1 Gb/s~~, with carrier frequencies in the HF, VHF and UHF bands;
- d) that any radiation from such systems may affect the use of radiocommunication systems, particularly at LF, MF, HF, ~~and VHF and UHF~~,

decides that the following Question shall be studied

1 What are the acceptable levels of radiation from telecommunication systems utilising wired electrical power supply so as not to impair the performance of radiocommunication systems?

further decides

- 1** that the results of the above studies should be included in a Recommendation(s) and/or a Report(s);
- 2** that the studies should be completed by 2011~~2~~.

~~NOTE 1— See also Question ITU-R 218-1/1.~~

Category: S1~~2~~

* ~~In the year 2009, Radiocommunication Study Group 1 extended the completion date of studies for this Question.~~

Annex 3

(Source: Document 1/123)

Question proposed for suppression

| Question ITU-R | Title | Category | Date of last approval |
|-----------------------|--|-----------------|------------------------------|
| <u>219/1</u> | Remote access to radio monitoring equipment of other administrations | S2 | 2000 |
