INTERNATIONAL TELECOMMUNICATION UNION

Radiocommunication Bureau
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Administrative Circular
CACE/374

16 March 2006

To Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of the Radiocommunication Study Groups and the Special Committee on Regulatory/Procedural Matters

Subject: Radiocommunication Study Group 1

– Approval of 1 new ITU-R Question and 1 revised ITU-R Question

– Suppression of 1 ITU-R Question

By Administrative Circular CAR/199 of 2 December 2005, 1 draft new ITU-R Question and 1 draft revised ITU-R Question were submitted for approval by correspondence in accordance with Resolution ITU-R 1-4 (§ 3.4). The Study Group also proposed the suppression of 1 ITU-R Question.

The conditions governing these procedures were met on 2 March 2006 and therefore the Questions are considered approved.

The texts of these Questions are attached for your reference and will be published in Addendum 3 to Document 1/1 which contains the ITU-R Questions approved by the 2003 Radiocommunication Assembly and assigned to Radiocommunication Study Group 1.

Valery Timofeev
Director, Radiocommunication Bureau

Annexes: 3

Distribution:

- Administrations of Member States and Radiocommunication Sector Members
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and Special Committee on Regulatory/Procedural Matters
- Chairman and Vice-Chairmen of the Conference Preparatory Meeting
- Members of the Radio Regulations Board
- ITU-R Associates in the work of Radiocommunication Study Group 1
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

ANNEX 1

QUESTION ITU-R 232/1*

Methods and techniques used in space radio monitoring

(2006)

The ITU Radiocommunication Assembly,

considering

a) that orbital slots for geostationary satellites are a valuable and scarce resource;

b) that a knowledge of the operational status of geostationary satellites recorded in the Master International Frequency Register is useful to spectrum management both in developed and developing countries;

c) that Recommendation ITU-R SM.1050 defines the tasks of a monitoring service;

d) the necessity to locate and eliminate the harmful interference to and from space stations;

e) that several monitoring earth stations already exist in various parts of the world and are capable of collecting data relating to radiated emissions from space stations and the necessity to cooperate between these stations;

f) that ITU-R Recommendations have been developed based on reported data and standard information exchanging format of monitoring, but lacking description on measurement methods and techniques used in monitoring of emissions from space stations;

g) that the monitoring of emissions from terrestrial stations and space stations are different in terms of technique and method,

decides that the following Question should be studied

1 What methods, techniques, procedures and measuring equipments are appropriate for the measurement of emission from both GSO and non-GSO space stations?

2 What methods, techniques, procedures and measuring equipments are appropriate for the measurement of emission from earth stations to both GSO and non-GSO space stations?

further decides

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

2 that the above studies should be completed by 2010.

Category: S2

* This Question should be brought to the attention of Radiocommunication Study Groups 3, 4, 6, 7 and 8.

ANNEX 2

QUESTION ITU-R 210-1/1*

Wireless power transmission

(1997-2006)

The ITU Radiocommunication Assembly,

considering

a) that there is an increasing global need for renewable energy resources;

b) that the longevity of airborne and satellite platforms is dependent on the available fuel resources;

c) that technology is in development to transfer power efficiently from one location to another via radio frequency beam;

d) that no frequency bands have been specifically designated for this purpose;

e) that critical radiocommunication services may operate or be planned to operate in bands useful for wireless power transmission;

f) that the use of wireless power transmission may have a significant impact on the operation of radiocommunications systems;

g) that issues of non-ionizing radiation exposures related to wireless power transmission systems will be dealt with by such organizations as the World Health Organization (WHO) and the International Radiation Protection Association (IRPA)/International Commission on Non-ionizing Radiation Protection (ICNIRP),

decides that the following information be gathered

1 What applications have been developed for use of wireless power transmission?

2 What are the technical characteristics of the signal employed in wireless power transmission?

decides that the following Question should be studied

1 Under what category of spectrum use should administrations consider wireless power transmission: ISM, or other?

2 What radio frequency bands are most suitable for this type of operation?

3 What steps are required to ensure that radio services are protected from power transmission operations?

4 What effects would wireless power transmission have on radio propagation?

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* This Question should be brought to the attention of the International Maritime Organization (IMO), the International Civil Aviation Organization (ICAO), the International Electrotechnical Commission (IEC), the International Special Committee on Radio Interference (CISPR), the Inter-Union Commission on Allocation of Frequencies for Radio Astronomy and Space Science (IUCAF) and Radiocommunication Study Group 3.

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 above studies should be completed by 2010 at the latest.

Category: S3

ANNEX 3

Question ITU-R 45-4/1 “Techniques and technical criteria for frequency sharing” is suppressed