



Radiocommunication Bureau

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Administrative Circular
CA/137

25 June 2004

To Administrations of Member States of the ITU and Radiocommunication Sector Members

Subject: Studies to be undertaken by the radiocommunication study groups requested by the first session of the Regional Radiocommunication Conference (Geneva, 2004)

The first session of the Regional Radiocommunication Conference (RRC-04)*, held in Geneva from 10 to 28 May 2004, invited the ITU-R to undertake certain studies prior to the second session of the conference (RRC-06). The studies are described in six Resolutions, the titles of which together with the associated “*resolves to invite ITU-R*” and “*urges administrations*” are listed in Annex 1 to this circular. It is evident that these studies will involve several of the ITU-R study groups and their subordinate groups.

In addition, the RRC-04 established through Resolution COM5/1 an intersessional planning group (IPG) whose activities relate to the accomplishment of the required planning exercises requested by the first session. The terms of reference of the IPG include taking into account the results, if available, of the ITU-R studies requested by the first session with a view to their implementation for the improvement of the planning exercise process.

With respect to the timing of the ITU-R studies, attention is drawn to the following dates:

- the IPG will hold two meetings, in July 2005 and in February 2006;
- the second session of the conference (RRC-06) will be held from 15 May to 16 June 2006. This will require the studies to be completed, at the very latest, by 31 January 2006.

According to the Resolutions mentioned in Annex, the ITU-R study groups concerned with the intersessional studies are therefore invited to establish work programmes taking into account these dates, recognizing that not all of the studies will necessarily be completed in time for either of the meetings of the IPG. To expedite planning of the work, the Bureau will be making direct contact with the chairmen of the concerned study groups to discuss the details and the organization of the required studies.

* Regional Radiocommunication Conference for planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz.

For your information, the full texts of the Resolutions from RRC-04 are available from:
http://www.itu.int/ITU-R/conferences/rrc/rrc-04/rapport_final/index.html.

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Annex: 1

Distribution:

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

Annex

Resolutions from RRC-04 calling for studies by ITU-R study groups

RESOLUTION COM4/2

Development of protection criteria for terrestrial digital television systems interfered with by terrestrial non-broadcasting services

“resolves to invite ITU-R

to carry out additional studies, as a matter of urgency, in order to develop protection criteria for terrestrial digital television systems interfered with by those primary-service systems operating in the bands 174-230 MHz and 470-862 MHz for which no information is contained in Recommendation ITU-R BT.1368-4,

urges administrations

to actively participate in these studies and to provide, whenever available, measured protection ratios for sharing scenarios mentioned in *resolves to invite ITU-R,*”

RESOLUTION COM4/3

Development of protection criteria for aeronautical radionavigation service systems operating in the bands 223-230 MHz, 585-610 MHz and 645-862 MHz interfered with by terrestrial digital television systems

“resolves to invite ITU-R

to carry out additional studies, as a matter of urgency, in order to develop protection criteria for other types of aeronautical radionavigation systems, including radars, operating in the bands 223-230 MHz, 585-610 MHz and 645-862 MHz, which are interfered with by DVB-T systems and for which no information is contained in Annex 4.2 to Chapter 4 of the report from the first session of the RRC to the second session*,

urges administrations

to actively participate in these studies and to provide, whenever available, measured values for possible sharing scenarios mentioned in *resolves to invite ITU-R,*”

* This Report is annexed to Resolution 1 from RRC-04.

RESOLUTION COM4/4

Studies of radiowave propagation in the planning area

“resolves to invite ITU-R

taking into account the measurement results provided by administrations, to undertake studies on refractivity and ducting in the planning area with a view to reviewing and, if necessary, revising the corresponding map of propagation zones adopted by the first session of the conference,

urges administrations

to provide ITU-R with results of measurements of vertical refractivity gradient for their territories,”

RESOLUTION COM4/5

Development of additional protection criteria for broadcasting services for frequency planning exercises during the intersessional period and for the development of a digital frequency plan during the second session

“resolves to invite ITU-R

to carry out studies, as a matter of urgency, in order to develop additional protection criteria for broadcasting services, not given in Recommendations ITU-R BS.1660 and ITU-R BT.1368-4 (listed in the Annex), for frequency planning exercises during the intersessional period and for the development of a digital frequency plan during the second session,

urges administrations

to actively participate in these studies and to provide, whenever available, measured protection ratios for sharing scenarios particularly mentioned in *resolves* and if possible for other options that may be required,”

RESOLUTION COM4/6

Development of protection criteria for land mobile services using narrow-band frequency modulation interfered with by terrestrial audio broadcasting systems

“resolves to invite ITU-R

to carry out additional studies, as a matter of urgency, in order to develop protection criteria for land mobile radio services using narrow-band frequency modulated equipment, with different antenna systems and heights for the base station, which are interfered with by T-DAB systems; and to update, if necessary, the existing information in Annex 4.1 to Chapter 4 of the report from the first session of the conference to the second session* ,

urges administrations

to actively participate in these studies and to provide, whenever available, measured protection criteria for the sharing scenarios mentioned in *resolves to invite ITU-R*,”

* This Report is annexed to Resolution 1 from RRC-04.

RESOLUTION COM4/7

Development of methods for the identification of administrations whose existing and planned digital and analogue assignments/allotments in the broadcasting service and assignments to other primary services may be affected by the application of the interim coordination procedures adopted by the first session of the Regional Radiocommunication Conference (Geneva, 2004)

“resolves to invite ITU-R

to study, as a matter of urgency, the development of methods for the identification of administrations whose existing and planned digital and analogue assignments/allotments in the broadcasting service, and assignments to other primary services may be affected by the application of the interim coordination procedures adopted by this session of the conference, taking into consideration the need to verify the contents of the Annex to this resolution,

urges administrations

to actively participate in the studies referred to in *resolves to invite ITU-R* and to provide, whenever available, appropriate information to facilitate those studies.”
