Radiocommunication Bureau (BR)

Administrative Circular
CACE/632

10 October 2013

To Administrations of Member States of the ITU, Radiocommunication Sector Members and ITU-R Associates participating in the work of Radiocommunication Study Group 7

Subject: **Radiocommunication Study Group 7 (Science Services)**

– **Proposed approval of 2 draft new ITU-R Recommendations and 4 draft revised ITU-R Recommendations**

At the meeting of ITU-R Study Group 7 held on 10 and 18 September 2013, the Study Group adopted the texts of 2 draft new ITU-R Recommendations and 4 draft revised ITU-R Recommendations and agreed to apply the procedure of Resolution ITU-R 1-6 (see § 10.4.5) for approval of Recommendations by consultation. The titles and summaries of the draft Recommendations are given in the Annex.

Having regard to the provisions of § 10.4.5.1 of Resolution ITU-R 1-6, Member States are requested to inform the Secretariat (brsgd@itu.int) by 10 December 2013, whether they approve or do not approve the proposals above.

Any Member State who objects to the approval of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

After the above-mentioned deadline, the results of this consultation will be announced in an Administrative Circular and the approved Recommendations will be published as soon as practicable (see http://www.itu.int/pub/R-REC).

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Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendation(s) mentioned in this letter is requested to disclose such information to the Secretariat as soon as possible. The Common Patent Policy for ITU-T/ITU-R/ISO/IEC is available at http://www.itu.int/en/ITU-T/ipr/Pages/policy.aspx.

François Rancy
Director

Annex: Titles and summaries of the draft Recommendations

Documents attached: Documents 7/BL/4 to 7/BL/9

These documents are available in electronic format at: http://www.itu.int/rec/R-REC-SA/en and http://www.itu.int/rec/R-REC-RA/en

Distribution:

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 7
- ITU-R Associates participating in the work of Radiocommunication Study Group 7
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups and the Special Committee on Regulatory/Procedural Matters
- 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

Titles and summaries of the draft Recommendations adopted by Radiocommunication Study Group 7

Draft new Recommendation ITU-R SA.[EES/MET DCS INTERF] Doc. 7/BL/4

Protection criteria for non-GSO data collection platforms in the band 401-403 MHz

This Recommendation provides information on the current and future usage of the non-GSO data collection systems (DCS) in the 401-403 MHz, and the portioning of the band to allow all DCS systems equal access to the spectrum.

Draft new Recommendation ITU-R SA.[EES/METSAT usage 401-403 MHz] Doc. 7/BL/5

Basic general partitioning and sharing conditions for the band 401-403 MHz for future long-term coordinated use of data collection systems on geostationary and non-geostationary METSAT and EESS systems

This Recommendation provides information on the current and future usage of the non-GSO data collection systems (DCS) in the 401-403 MHz, and the portioning of the band to allow all DCS systems equal access to the spectrum.

Draft revision of Recommendation ITU-R SA.509-2 Doc. 7/BL/6

Space research earth station and radio astronomy reference antenna radiation pattern for use in interference calculations, including coordination procedures

This Recommendation has been updated to include reference antenna radiation patterns to be used for single and multiple entry interference cases. In addition, the patterns are extended to cover the main beam for off-axis angles less than one degree, and to include the higher gains observed for off-axis angles between 80 and 120 degrees due to spillover.

Draft revision of Recommendation ITU-R RA.1417-0 Doc. 7/BL/7

A radio-quiet zone in the vicinity of the L_2 Sun-Earth Lagrange point

The L_2 Lagrange point or L_2 point, some 1 500 000 km from the Earth, provides a radio-quiet environment and stable orbits that are used for space-based radio astronomy and space research service (passive) missions. This revision provides timely information on such use and reiterates the importance of preserving the radio-quiet environment of the L_2 point as a basis for future space-based radio astronomy missions.

Draft revision of Recommendation ITU-R SA.1414-0 Doc. 7/BL/8

Characteristics of data relay satellite systems

The purpose of the revision to this Recommendation is to update parameter values for China, the Russian Federation and the United States of America data relay satellite systems and their users. Corresponding text has been revised accordingly.

Draft revision of Recommendation ITU-R SA.1155-0 Doc. 7/BL/9

Protection criteria related to the operation of data relay satellite systems

The current Recommendation ITU-R SA.1155-0 was last updated in 1995. This contribution presents proposed updates in the form of a draft revision of Recommendation ITU-R SA.1155-0. References to out of date Reports and Recommendations are updated, protection criteria are updated and presented in the form of I/N values, and the supporting analysis and text are revised to make them more consistent with and relevant to the protection criteria.

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