



**Radiocommunication Bureau (BR)**

Administrative Circular  
**CACE/753**

15 September 2015

**To Administrations of Member States of the ITU, Radiocommunication Sector Members and ITU-R Associates participating in the work of Radiocommunication Study Group 4**

Subject: **Radiocommunication Study Group 4 (Satellite services)**  
– **Proposed approval of 1 draft new ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 4 held on 26 June 2015, the Study Group decided to seek adoption of 1 draft new ITU-R Recommendation by correspondence, in accordance with § 10.2.3 of Resolution ITU-R 1-6.

As stated in Administrative Circular CACE/738, dated 10 July 2015, the consultation period for the adoption of the Recommendation ended on 10 September 2015.

The Recommendation has now been adopted by Study Group 4 and the approval procedure of Resolution ITU-R 1-6 § 10.4 is to be applied. The title and the summary of the draft Recommendation are given in the Annex.

Having regard to the provisions of § 10.4 of Resolution ITU-R 1-6, Member States are requested to inform the Secretariat ([brsgd@itu.int](mailto:brsgd@itu.int)) by 15 November 2015, whether they approve or do not approve the proposal above.

Any Member State who objects to the approval of a draft 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 Recommendation will be published as soon as practicable (see <http://www.itu.int/pub/R-REC>).

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:** - Title and summary of the draft Recommendation

**Document:** Document 4/BL/8

This document is available in electronic format at: <http://www.itu.int/rec/R-REC-M/en>

**Distribution:**

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 4
- ITU-R Associates participating in the work of Radiocommunication Study Group 4
- 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

### **Title and summary of the draft Recommendation adopted by Radiocommunication Study Group 4**

Draft new Recommendation ITU-R M.[MSS-RDSS-SHARE]

Doc. 4/BL/8

#### **Coordination of the mobile-satellite service and the radiodetermination-satellite service with the fixed service based on the power flux-density coordination trigger levels in the 2 483.5-2 500 MHz band**

Under its agenda item 1.18, WRC-12 decided to allocate the band 2 483.5-2 500 MHz to the radiodetermination-satellite service on a primary basis, subject to threshold pfd levels defined in RR Appendix 5 that trigger coordination with in-band terrestrial services. As the MSS also operates in that band, some administrations operating co-frequency fixed services had expressed a desire for a Recommendation to be developed to assist potential coordinations that would occur between the RDSS/MSS and the FS if an MSS or RDSS system is proposed that would exceed the coordination trigger levels.

Study Group 4 thus developed this Recommendation, based on new material and studies contributed as part of WRC-12 agenda item 1.18; the intention is that this will provide the required material to help administrations determine the impacts of the RDSS/MSS systems on their fixed services. Specifically, this Recommendation may assist when performing coordination under RR No. 9.14 with administrations requesting to operate their RDSS or MSS systems at pfd levels in excess of the thresholds defined in RR Appendix 5.

An example is provided in Annex 2 to help administrations fully understand the Recommendation, but in an actual coordination, the relevant parameters for the systems being coordinated would be used instead. From this, administrations would determine the impacts on their FS systems and thus determine for themselves if the proposed pfd levels of the MSS/RDSS systems beyond the RR Appendix 5 levels are acceptable.

The material developed by Study Group 4 follows a similar approach to that outlined in Recommendation ITU-R SF.674-3 for the frequency band 11.7-12.2 GHz.

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