Radiocommunication Bureau (BR)

Administrative Circular
**CACE/738**

10 July 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 adoption by correspondence 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 in accordance with § 10.2.3 of Resolution ITU-R 1-6 (Adoption by a Study Group by correspondence). The title and summary of the draft Recommendation are given in the Annex.

The consideration period shall extend for two months ending on 10 September 2015. If within this period no objections are received from Member States, the approval by consultation procedure of § 10.4.5 of Resolution ITU-R 1-6 will be initiated.

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

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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:** Title and summary of the draft Recommendation

**Document:** Document 4/101(Rev.1)

This document is available in electronic format at: http://www.itu.int/md/R12-sg04-C/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
- Chairman and Vice-Chairmen of Radiocommunication Study Group 4
- 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

Draft new Recommendation ITU-R M.[MSS-RDSS-SHARE] Doc. 4/101(Rev.1)

## 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 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.

WP 4C 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 WP 4C follows a similar approach outlined in Recommendation ITU-R SF.674-3 for the frequency band 11.7-12.2 GHz.

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