



**Radiocommunication Bureau (BR)**

**Administrative Circular  
CACE/659**

**12 May 2014**

**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 and 1 draft revised ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 4 held on 11 October 2013, the Study Group decided to seek adoption of 1 draft new ITU-R Recommendation and 1 draft revised ITU-R Recommendation by correspondence, in accordance with § 10.2.3 of Resolution ITU-R 1-6.

As stated in Administrative Circular CACE/638, dated 28 October 2013, the consultation period for the adoption of the Recommendations ended on 28 December 2013.

The draft revision of Recommendation ITU-R BO.1443-2 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.

The draft new Recommendation ITU-R M.[AMS(R)S.METHODOLOGY]-0 was not adopted and will be returned to Working Party 4C for further discussion.

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 12 July 2014, 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>).

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/4

This document is available in electronic format at: <http://www.itu.int/rec/R-REC-BO/en>  
and <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 revision of Recommendation ITU-R BO.1443-2

Doc. 4/BL/4

#### **Reference BSS earth station antenna patterns for use in interference assessment involving non-GSO satellites in frequency bands covered by RR Appendix 30**

Recommendation ITU-R BO.1443 defines a gain pattern for BSS earth stations to use in interference assessments involving non-GSO satellites. One of its uses is in the analysis of non-GSO FSS satellite networks to verify for compliance with the efd limits in Article 22 of the Radio Regulations. The core algorithm to calculate efd to use for Article 22 analysis is defined in Recommendation ITU-R S.1503 which references gain patterns in other Recommendations, such as Recommendation ITU-R BO.1443.

During the implementation of software to implement Recommendation ITU-R S.1503, editorial errors were found in Recommendation ITU-R BO.1443-2 and it was considered to be highly useful if these errors were corrected, as attached. In particular it was noted that Figure 1 of Annex 2 had the spherical angles a and b the wrong way round.

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