



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/998**

6 October 2021

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

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

- **Proposed approval of 1 draft new and 1 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 7 held on 7 and 24 September 2021, the Study Group adopted the texts of 1 draft new and 1 draft revised ITU-R Recommendations and agreed to apply the procedure of Resolution ITU-R 1-8 (see § A2.6.2.3) for approval of Recommendations by consultation. The titles and summaries of the draft Recommendations are given in the Annex to this letter. Any Member State which 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.

Having regard to the provisions of § A2.6.2.3 of Resolution ITU-R 1-8, Member States are requested to inform the Secretariat ([brsgd@itu.int](mailto:brsgd@itu.int)) by 6 December 2021, whether they approve or do not approve the proposals above.

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 Recommendations 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>.

Mario Maniewicz  
Director

**Annex:** Titles and summaries of the draft Recommendations

**Documents:** Documents [7/13\(Rev.1\)](#), [7/17\(Rev.2\)](#)

These documents are available in electronic format at: <https://www.itu.int/md/R19-SG07-C/en>

## Annex

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

Draft new Recommendation ITU-R SA.[IMT-EESS/SRS COORDINATION]

Doc. 7/17(Rev.2)

#### **Methodologies for calculating coordination areas around Earth exploration-satellite and space research earth stations to avoid harmful interference from IMT-2020 systems in the frequency bands 25.5-27 GHz and 37-38 GHz**

In line with the instructions from Radiocommunication Assembly 2019 (RA-19), as outlined in Document [7/5](#), and with the outcome from the April 2020 meeting of Study Group (SG) 7 (Doc. [7/10](#)), Working Party (WP) 7B further continued the development of the draft new Recommendation ITU-R SA.[IMT-EESS/SRS COORDINATION].

This resulted in the new version of the draft new Recommendation, as attached, where tracked changes are shown against the version agreed by SG 7 at its June 2019 meeting (Doc. [7/114\(Rev.1\)](#)).

The outcome of the WP 7B work has been achieved thanks to the close cooperation with SG 5 (WP 5D) with inputs from SG 3 (WPs 3K and 3M).

Draft revised Recommendation ITU-R RA.1031-2    Doc. 7/13(Rev.1)

#### **Protection of the radio astronomy service in frequency bands shared with active services**

The title of Recommendation ITU-R RA.1031 should be revised as in Annex 1 to show that this Recommendation is concerned with frequency bands that are shared between radio astronomy and one or more active services, and not with those frequency bands that radio astronomy shares only with other passive services. Recommendation ITU-R RA.1031 states:

*"recommends*

- 1        that, in making assignments to services which share frequency bands with the radio astronomy service, administrations should take all practicable steps to avoid interference detrimental to the radio astronomy service;
  - 2        that consideration be given to protecting radio astronomy sites from interference from transmitters used for terrestrial radiocommunications or from transmitting earth stations used for space radiocommunications in bands shared with the radio astronomy service with equal rights through the establishment of coordination zones around radio astronomy sites;
  - 3        that the coordination zone may be calculated, taking account of the methodology contained in Annex 1".
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