



Radiocommunication Bureau (BR)

Administrative Circular
CACE/910

17 July 2019

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

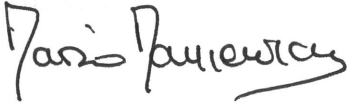
Subject: **Radiocommunication Study Group 4 (Satellite Services)**
– **Proposed approval of 5 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 4 held on 5 July 2019, the Study Group adopted the texts of 5 draft revised ITU-R Recommendations and agreed to apply the procedure of Resolution ITU-R 1-7 (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 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.

Having regard to the provisions of § A2.6.2.3 of Resolution ITU-R 1-7, Member States are requested to inform the Secretariat (brsgd@itu.int) by 17 September 2019, 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 4/52(Rev.1), 4/53(Rev.1), 4/54(Rev.1), 4/55(Rev.1) and 4/56(Rev.1)

These documents are available in electronic format at: <http://www.itu.int/md/R15-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
- ITU Academia
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups
- 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 4

Draft revision of Recommendation ITU-R M.1901-1

Doc. 4/52(Rev.1)

Guidance on ITU-R Recommendations related to systems and networks in the radionavigation-satellite service operating in the frequency bands 1 164-1 215 MHz, 1 215-1 300 MHz, 1 559-1 610 MHz, 5 000-5 010 MHz and 5 010-5 030 MHz

This revision includes: 1) a minor clarification in *recognizing f*); 2) updates to Table 3 and its notes, including deletion of one note; and 3) addition of two new notes on assessment of interference from pulsed sources.

Draft revision of Recommendation ITU-R M.1902-0

Doc. 4/53(Rev.1)

Characteristics and protection criteria for receiving earth stations in the radionavigation-satellite service (space-to-Earth) operating in the band 1 215-1 300 MHz

This revision includes updates to the GLONASS information to make available the most recent details of the system including new CDMA signals. It also proposes updates to the information about characteristics and protection criteria for receiving earth stations in the radionavigation-satellite service (RNSS) operating in the band 1 215-1 300 MHz, taking into account the updated information about the GLONASS system. Some updates have also been made to footnote 1 defining CDMA and FDMA as well as clarification of what is meant by the term "pulsed interference" throughout Annex 1. Also in Annex 1, a number of clarifications are made to Table 1-1 and the related notes.

**Characteristics and protection criteria for receiving earth stations
in the radionavigation-satellite service (space-to-Earth) and
receivers in the aeronautical radionavigation service
operating in the band 1 559-1 610 MHz**

This revision includes updates to the GLONASS information to make available the most recent details of the system including new CDMA signals. It also proposes updates to the information about characteristics and protection criteria for receiving earth stations in the radionavigation-satellite service (RNSS) operating in the band 1 559-1 610 MHz, taking into account the updated information about the GLONASS system.

This revision also includes replacing Footnote 1 to the title regarding terrestrial transmitters in the ARNS with reference to new Note 3 of the Recommendation. In addition, WRC-15 suppressed RR Nos. **5.362B** and **5.362C**, so references to those former provisions in *recognizing e)* and *f)* are no longer appropriate and they are deleted. Some updates have also been made to footnotes defining CDMA and FDMA as well as clarification of what is meant by the term "pulsed interference" throughout Annex 2. Also in Annex 2, a number of clarifications are made to the titles of Figure 1 and Table 1, and to Table 2 and the related notes. Figure 2 has also been replaced.

**Characteristics, performance requirements and protection criteria for receiving
stations of the radionavigation-satellite service (space-to-space) operating in the
frequency bands 1 164-1 215 MHz, 1 215-1 300 MHz and 1 559-1 610 MHz**

This revision includes updates to the GLONASS information to make available the most recent details of the system including new CDMA signals. It also proposes updates to the information about characteristics, performance requirements and protection criteria for spaceborne receiving stations of the radionavigation-satellite service (RNSS), taking into account the updated information about the GLONASS system. The only other proposed updates are confined to the tables and associated notes in Annexes 1, 2 and 3.

**Characteristics and protection criteria for receiving earth stations
in the radionavigation-satellite service (space-to-Earth)
operating in the band 1 164-1 215 MHz**

This revision includes updates to the GLONASS information to make available the most recent details of the system including new CDMA signals. It also proposes updates to the information about characteristics and protection criteria for receiving earth stations in the radionavigation-satellite service operating in the band 1 164-1 215 MHz, taking into account the updated information about the GLONASS system. Some updates have also been made for clarification throughout Annex 2, including in Table 2-1 and the related notes.
