90th Anniversary
CCIR/ITU-R Study Groups
(1927-2017)

Radiocommunication Bureau (BR)

Administrative Circular
CACE/808

5 May 2017

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 adoption of 1 draft new ITU-R Recommendation and 5 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-7 (Procedure for the simultaneous adoption and approval by correspondence)**
- **Proposed suppression of 2 ITU-R Recommendations**

At the meetings of Radiocommunication Study Group 7, held on the 12 April 2017, the Study Group decided to seek adoption of 1 draft new ITU-R Recommendation and 5 draft revised ITU-R Recommendations by correspondence (§ A2.6.2 of Resolution ITU-R 1-7) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA, § A2.6.2.4 of Resolution ITU-R 1-7). The titles and summaries of the draft Recommendations are given in Annex 1. Any Member State who objects to the adoption of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

The consideration period shall extend for 2 months ending on 5 July 2017. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 7. Furthermore, since the PSAA procedure has been followed, the draft Recommendations shall also be considered as approved.

In addition, the Study Group proposed the suppression of 2 Recommendations listed in Annex 2. Any Member State who objects to the suppression of a Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

The consideration period shall extend for 2 months ending on 5 July 2017. If within this period no objections to the proposed suppressions are received from Member States, the Recommendations shall be considered to be suppressed.

After the above-mentioned deadline, the results of the above procedures 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.

François Rancy
Director

Annex 1: Titles and summaries of the draft Recommendations

Annex 2: Recommendations proposed for suppression

Documents: Documents 7/53, 7/54, 7/55, 7/57, 7/58, 7/60(Rev.1)

These documents are available in electronic format at: https://www.itu.int/md/R15-SG07-C/en

Distribution:

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 7
- ITU-R Associates participating in the work of Radiocommunication Study Group 7
- 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 1

Titles and summaries of the draft Recommendations

Draft new Recommendation ITU-R RS.[ACTIVE_CHAR] Doc. 7/60(Rev.1)

Typical technical and operational characteristics of Earth exploration-satellite service (active) systems using allocations between 432 MHz and 238 GHz

This Recommendation provides technical and operational characteristics of Earth exploration-satellite service (active) systems using allocations between 432 MHz and 238 GHz for utilisation in sharing and compatibility studies.

Draft revision of Recommendation ITU-R SA.1155-1 Doc. 7/54

Protection criteria related to the operation of data relay satellite systems

This revision amended *considering h)* by adding the inter-satellite service in the list of services used by data relay satellite systems. The band 25.5-27 GHz has also been added in the list of bands for data relay satellite return feeder link.

Draft revision of Recommendation ITU-R SA.1159-3 Doc. 7/57

Performance criteria for data dissemination, data collection and direct data readout systems in the Earth exploration-satellite service and meteorological-satellite service

The present revision of Recommendation ITU-R SA.1159-3 provides few clarifications on the "Function and type of earth station" for some frequency bands and, consistent with the RR, takes into account the extension of the 7 750-7 900 MHz band (space-to-Earth).

Draft revision of Recommendation ITU-R SA.1160-2 Doc. 7/58

Interference criteria for data dissemination and direct data readout systems in the earth exploration-satellite and meteorological-satellite services using satellites in the geostationary orbit

The present revision of Recommendation ITU-R SA.1160 incorporates a new reference systems in the band 25.5-27 GHz, deletes the WEFAX data dissemination system and simplifies the current provisions by proposing a single aggregate interference criteria per frequency band.

Draft revision of Recommendation ITU-R SA.1414-1 Doc. 7/53

Characteristics of data relay satellite systems

Recommendation ITU-R SA.1414-1 has been revised to update the characteristics of the European data relay satellite system and the Russian Federation data relay satellite system.

Draft revision of Recommendation ITU-R SA.1810-0 Doc. 7/55

System design guidelines for Earth exploration-satellites operating in the band 8 025-8 400 MHz

This revision is to include different power flux density limits depending on antenna type (directional, isoflux and omni); tightening of pfd limits for directional antennas in Polar Regions; reference bandwidth changed to 4 kHz from 1 MHz for alignment with RR Table **21-4**; removal of limitations imposed on higher order advanced modulation techniques.

Annex 2

(Source: Document 7/56)

Recommendations proposed for suppression

Recommendation ITU-R	Title
SA.1025	Performance criteria for space-to-Earth data transmission systems operating in the Earth exploration-satellite and meteorological-satellite services using satellites in low-Earth orbit
SA.1162	Performance criteria for service links in data collection and platform location systems in the Earth exploration- and meteorological-satellite services

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