Radiocommunication Bureau (BR)

Administrative Circular
CACE/1166

18 December 2025

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

Subject: **Radiocommunication Study Group 4 (Satellite Services)**

- **Proposed adoption of 4 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-9 (Procedure for the simultaneous adoption and approval by correspondence)**
- **Proposed suppression of 1 ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 4, held on 7 November 2025, the Study Group decided to seek adoption of 4 draft revised ITU-R Recommendations by correspondence (§ A2.6.2 of Resolution ITU-R 1-9) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA, § A2.6.2.4 of Resolution ITU-R 1-9). The titles and summaries of the draft Recommendations are given in Annex 1. Any Member State raising an objection to the adoption of a draft Recommendation is requested to inform the Director and the Chair of the Study Group of the reasons for the objection.

The consideration period shall extend for 2 months ending on 18 February 2026. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 4. 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 1 Recommendation listed in Annex 2. Any Member State who objects to the suppression of a Recommendation is requested to inform the Director and the Chair of the Study Group of the reasons for the objection.

The consideration period shall extend for 2 months ending on 18 February 2026. If within this period no objections to the proposed suppression are received from Member States, the Recommendation 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).

International Telecommunication Union • Place des Nations, CH-1211 Geneva 20, Switzerland •
Tel.: +41 22 730 5111 • E-mail: itumail@itu.int • Fax: +41 22 733 7256 • www.itu.int

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 1: Titles and summaries of the draft Recommendations

Annex 2: Recommendation proposed for suppression

Documents: Documents 4/50, 4/51, 4/52, 4/55, 4/48.

These documents are available in electronic format at: https://www.itu.int/md/R23-SG04-C/en

Annex 1

Titles and summaries of the draft ITU-R Recommendations

Draft revision of Recommendation ITU-R M.1787-5 Doc. 4/50

Description of systems and networks in the radionavigation-satellite service (space-to-Earth and space-to-space) and technical characteristics of transmitting space stations operating in the bands 1 164-1 215 MHz, 1 215-1 300 MHz and 1 559-1 610 MHz

This Recommendation is revised in its Annex 4 (Technical description and characteristics of the Quasi-Zenith Satellite System (QZSS)), and Annex 11 (Technical description and characteristics of the Korea Augmentation Satellite System (KASS)).

New Annex 15 (with the description and technical characteristics of the Xona PULSAR system of transmitting space stations planned for operation in the bands 1 164-1 215 MHz and 1 559-1 610 MHz), new Annex 16 (with the description and technical characteristics of the KPS in the radionavigation-satellite service to provide positioning, navigation, and timing information in the bands 1 164-1 215 MHz, 1 215-1 300 MHz and 1 559-1 610 MHz), and new Annex 17 (Technical description and characteristics of the SATNET LEO RNSS system), are also added.

Editorial revisions to figure and table references within each annex have also been made.

Draft revision of Recommendation ITU-R BO.789-2 Doc. 4/51

Service for digital sound broadcasting to vehicular portable and fixed receivers for broadcasting-satellite service (sound) in the frequency range 1 400-2 700 MHz

Following the update of Digital System A (Eureka-147 DAB), published in (ETSI EN 300 401 V2.1.1 (2017-01)) and the removal of transmission modes II, III and IV, only mode I designed for terrestrial broadcasting in the band 30 to 300 MHz, has been retained.

This revision deletes the reference to System A as it is not relevant anymore in this Recommendation.

Draft revision of Recommendation ITU-R BO.1130-4 Doc. 4/52

Systems for digital satellite broadcasting to vehicular, portable and fixed receivers in the bands allocated to BSS (sound) in the frequency range 1 400-2 700 MHz

Following the update of Digital System A (Eureka-147 DAB), published in (ETSI EN 300 401 V2.1.1 (2017-01)) and the removal of transmission modes II, III and IV, only mode I designed for terrestrial broadcasting in the band 30 to 300 MHz, has been retained.

This revision deletes the reference to System A as it is not relevant anymore in this Recommendation.

Effective utilization of spectrum assigned to the broadcasting satellite service (sound)

Following the update of Digital System A (Eureka-147 DAB), published in (ETSI EN 300 401 V2.1.1 (2017-01)) and the removal of transmission modes II, III and IV, only mode I designed for terrestrial broadcasting in the band 30 to 300 MHz, has been retained. This revision deletes the reference to System A as it is not anymore relevant in this Recommendation. The *invites BR* 1 and 2 have been removed and the terminology used in the text has been adapted to the Radio Regulations.

Annex 2

ITU-R Recommendation proposed for suppression

Recommendation ITU-R	Title	Document
M.632-3	Transmission characteristics of a satellite emergency position-indicating radio beacon (satellite EPIRB) system operating through geostationary satellites in the 1.6 GHz band	4/48

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