Radiocommunication Bureau (BR)

Administrative Circular
CACE/1168

19 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 5

Subject: **Radiocommunication Study Group 5 (Terrestrial Services)**

– **Proposed adoption of 1 draft new and 7 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)**

At the meeting of Radiocommunication Study Group 5, held from 1 to 2 December 2025, the Study Group decided to seek adoption of 1 draft new and 7 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 the Annex to this letter. 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 19 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 5. Furthermore, since the PSAA procedure has been followed, the draft Recommendations shall also be considered as approved.

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 : Titles and summaries of the draft Recommendations

Documents: Documents 5/83(Rev.1), 5/84(Rev.1), 5/101(Rev.1), 5/103(Rev.1), 5/104, 5/105(Rev.1), 5/107(Rev.1) and 5/108.

These documents are available in electronic format at: https://www.itu.int/md/R23-SG05-C/en

Annex

Titles and summaries of the draft ITU-R Recommendations

Draft new Recommendation ITU-R M.[AMRS-VDL] Doc. 5/103(Rev.1)

Characteristics and protection criteria for the International Civil Aviation Organization standardized VHF datalink Mode 2 systems operating in the aeronautical mobile (route) service in the frequency band 136-137 MHz

This Recommendation provides the technical characteristics and protection criteria for the International Civil Aviation Organization (ICAO) standardized VHF datalink (VDL) Mode 2 (VDL Mode 2) communications systems operating in the aeronautical mobile (route) service (AM(R)S) in the frequency band 136-137 MHz. These technical characteristics and protection criteria should be used for sharing and compatibility studies with VDL Mode 2 systems.

Draft revision of Recommendation ITU-R M.2012-6 Doc. 5/83(Rev.1)

Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced)

This modification of Recommendation ITU-R M.2012 is intended to keep the specified technologies of the terrestrial component of IMT-Advanced up to date. The main changes include the addition of enhanced capabilities for LTE-Advanced SRIT (Set of Radio Interface Technologies), and consequential changes to the Global Core Specifications. Also, the transposition references have been updated in Annex 1. WirelessMAN-Advanced RIT (Radio Interface Technology) has no update and Annex 2 remains the same as previous Revision.

Draft revision of Recommendation ITU-R M.2150-2 Doc. 5/84(Rev.1)

Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020)

This modification of Recommendation ITU-R M.2150 is intended to keep the specified technologies of the terrestrial component of IMT-2020 up to date. The main changes include the addition of enhanced capabilities for 3GPP 5G-SRIT (Set of Radio Interface Technologies), 3GPP 5G-RIT (Radio Interface Technology), DECT 5G-SRIT, and some consequential changes to the overview sections of the text, as well as to the Global Core Specifications. Also, the transposition references have been updated in Annexes 1, 2 and 4. 5Gi RIT has no update and Annex 3 remains the same as previous Revision.

Draft revision of Recommendation ITU-R M.2092-1 Doc. 5/101(Rev.1)

Technical characteristics for ~~a~~ VHF data exchange system in the ~~VHF~~ maritime mobile ~~band~~service

Since the publication of Recommendation ITU-R M.2092-1, manufacturers have implemented it experimentally and conducted field and interoperability tests. Some ambiguities, inconsistencies, and errors were identified. These proposed revisions address the issues identified and also improve and clarify the authentication of VDES messages, including authenticating AIS messages and a simplified VDES

Draft revision of Recommendation ITU-R M.2010-2 Doc. 5/104

Characteristics of a digital system, referred to as navigational data for broadcasting maritime safety and security related information from shore-to-ship in the 500 kHz band

The proposed modifications of Recommendation ITU-R M.2010-2 update the technical characteristic of the NAVDAT system in the 500 kHz: NAVDAT ship receiver description (section 4.1) modified Programmable control memories (section 4.1.11.2), Alert (section 4.1.12) and Scan function (section 4.1.15) of Annex 3.

Draft revision of Recommendation ITU-R M.2058-1 Doc. 5/105(Rev.1)

Characteristics of ~~a~~ HF digital system, referred to as navigational data for broadcasting maritime safety and security related information from shore-to-ship in the maritime mobile service ~~HF frequency band~~

The proposed modifications of Recommendation ITU-R M.2058-1 update the technical characteristic of the NAVDAT system in the HF frequency band: NAVDAT ship receiver description (section A3-4.1), modified Programmable control memories (section A3-4.1.11.2), Alert (section A3-4.1.12) and Scan function (section A3-4.1.15) of Annex 3.

The NAVDAT HF is complementary to the NAVDAT 500 kHz, described in Recommendation ITU-R M.2010 in terms of radio coverage.

Draft revision of Recommendation ITU-R M.1371-5 Doc. 5/107(Rev.1)

Technical characteristics for ~~an~~ VHF automatic identification system using time division multiple access in the ~~VHF~~ maritime mobile service~~frequency band~~

This modification of Recommendation ITU-R M.1371 is intended to keep the specified technologies of the Automatic Identification System (AIS) up to date and in line with the development at the International Maritime Organization (IMO). These proposed revisions address modifications to the AIS locating devices for search and rescue purposes, modifications to the content of the reported messages and modification to the transmission behaviour of the AIS equipment, removal of channel switching for AIS operation and editorial revisions, to align with the mandatory format for ITU-R Recommendations.

Disaster communications in the amateur and amateur-satellite services

This revision adds a keywords section, adds new references, and updates existing references. It adds new *recognizing* and *noting* sections and makes minor revisions to the *recommends* section. The new sections consist of existing text moved to other sections to align with the mandatory format for ITU-R Recommendations and some new text from documents created after 2007.

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