INTERNATIONAL TELECOMMUNICATION UNION



Radiocommunication Bureau (Direct Fax N°. +41 22 730 57 85)

> Administrative Circular CAR/291

19 January 2010

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 5

- Proposed adoption of 1 draft new Recommendation and 7 draft revised Recommendations and their simultaneous approval by correspondence in accordance with § 10.3 of Resolution ITU-R 1-5 (Procedure for the simultaneous adoption and approval by correspondence)
- Proposed suppression of 7 Recommendations

At the meeting of Radiocommunication Study Group 5, held on 7 and 8 December 2009, the Study Group decided to seek adoption of 1 draft new Recommendation and 7 draft revised Recommendations by correspondence (§ 10.2.3 of Resolution ITU-R 1-5) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA), (§ 10.3 of Resolution ITU-R 1-5). The titles and summaries of the draft Recommendations are given in Annex 1. Furthermore, the Study Group proposed the suppression of 7 Recommendations which are listed in Annex 2.

The consideration period shall extend for 3 months ending on <u>19 April 2010</u>. 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. However, if any objection is received from a Member State during the consideration period, the procedures given in § 10.2.1.2 of Resolution ITU-R 1-5 shall apply.

After the above-mentioned deadline, the results of the PSAA procedure shall be announced in an Administrative Circular (CACE) and the approved Recommendations published as soon as practicable.

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendation(s) 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/ITU-T/dbase/patent/patent-policy.html.

Valery Timofeev Director, Radiocommunication Bureau

Annex 1: Titles and summaries of the draft Recommendations

Annex 2: List of Recommendations proposed for suppression

Documents attached: Documents 5/171(Rev.1), 5/173(Rev.1), 5/176(Rev.1), 5/179(Rev.1), 5/181(Rev.1), 5/182(Rev.1), 5/191(Rev.1) and 5/192(Rev.1) on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Radiommunication Sector Members participating in the work of Radiocommunication Study Group 5
- ITU-R Associates participating in the work of Radiocommunication Study Group 5

Annex 1

Titles and summaries of the draft Recommendations

Draft new Recommendation ITU-R M.[OCEANOGRAPHIC-RADAR]

Technical and operational characteristics of oceanographic radars operating in sub-bands within the frequency range 3-50 MHz

This Recommendation provides technical and operational characteristics of oceanographic radar systems operating in the frequency range 3 to 50 MHz. In comparison to most radar systems, oceanographic radars operate at low transmit power. The information contained in this Recommendation documents the existence of these systems, and provides information needed for the work under WRC-12 Agenda item 1.15. Since this Recommendation will exist beyond the work of Agenda item 1.15, the Recommendation contains characteristics of all systems, some of which may be outside the scope of the agenda item.

Draft revision of Recommendation ITU-R M.1450-3

Doc. 5/173(Rev.1)

Doc. 5/171(Rev.1)

Characteristics of broadband radio local area networks

This revision is proposed to include the characteristics of the recently approved IEEE standard, IEEE Std 802.11n-2009. Some minor amendments to the existing text are also proposed.

Draft revision of Recommendation ITU-R M.1802

Doc. 5/176(Rev.1)

Characteristics and protection criteria for radars operating in the radiolocation service in the frequency band 30-300 MHz

This ITU-R Recommendation was revised as a consequence of work related to WRC-12 Agenda item 1.14. This revision also includes an additional type of system in the radiolocation service. In addition, Appendix 1 is no longer needed and has been deleted.

Draft revision of Recommendation ITU-R M.1801

Radio interface standards for broadband wireless access systems, including mobile and nomadic applications, in the mobile service operating below 6 GHz

- Main body Minor editorial changes have been done.
- Annex 1 The material on IEEE 802.11 has been updated.

Annex 2 The material on the following radio interface standards has been updated:

- IMT-2000 CDMA Direct Spread
- IMT-2000 CDMA Multi-Carrier, with changes including the addition of the Ultra Mobile Broadband System
- IMT-2000 CDMA TDD
- IMT-2000 TDMA Single-Carrier.

IMT-2000 OFDMA TDD WMAN has been added.

- Annex 3 The material on IEEE Std 802.16 has been updated.
- Annex 4 Minor editorial changes have been done.
- Annex 5 The name Next-generation PHS has been changed to eXtended Global Platform (XGP), and the corresponding material has been updated.
- New Annex 6 This Annex now contains new material on IEEE 802.20.
- **New Annex 7** This is a new Annex which covers the air interface of SCDMA BWA system standard.

Annex 8 (previously Annex 6): The table summarizing the key characteristics of each standard has been modified so that it is aligned with the other annexes.

Draft revision of Recommendation ITU-R F.1570-1

Doc. 5/181(Rev.1)

Impact of uplink transmission in the fixed service using high altitude platform stations on the Earth exploration-satellite service (passive) in the 31.3-31.8 GHz band

This draft revision is intended to update the old text or to avoid duplication or inconsistency with the Radio Regulations for *considering* and *recommends* part taking into account the result of the past world radiocommunication conferences.

Radio-frequency channel arrangements for fixed wireless systems operating in the 11 GHz band

The radio-frequency channel arrangements with a channel spacing of 28 MHz, 14 MHz and 7 MHz are used in most of the frequency bands. With a view to harmonization of radio-frequency channel arrangements, a channels spacing of 28 MHz, 14 MHz and 7 MHz for fixed wireless systems operating in the 11 GHz band is proposed in this revision to unify the modem equipment. This revision also proposes to add arrangements for channel spacing of 28 MHz, 14 MHz and 7 MHz in a new Annex to the original text.

Draft revision of Recommendation ITU-R M.1371-3

Doc. 5/191(Rev.1)

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

This proposed draft revision:

- Adds AIS Search and Rescue Transmitter (AIS-SART) in 2.1.6 in Annex 1.
- Corrects the definition of timing in Table 6 and Fig. 2 in Annex 2.
- Incorporates long-range applications in Annex 4 based on the new Report ITU-R
 M.[SAT-AIS] with the modification to allow Message 27 transmission within a base station coverage by the decision of competent authority using Message 4.
- Modifies DAC numbering in Annex 5 to identify subsequent versions of international specific messages.
- Adds new Message 27 in Table 39 in Annex 7 and Table 43 in Annex 8.
- Revises Navigational status definitions for Messages 1, 2, 3 in Annex 8 to assign the numbering for AIS-SART.
- Revises the pollutant category codes in Message 5 in Annex 8 to harmonize with the revised IMO MEPC Resolution.
- Adds requirements for stations using burst transmissions (AIS-SART) in Annex 9.
 Accordingly, renumbers current Annex 9 to Annex 10 and adds the AIS-SART abbreviation in new Annex 10.
- Incorporates the IALA technical clarifications to this Recommendation.
- Corrects a number of editorial errors.

Draft revision of Recommendation ITU-R M.1798

Characteristics of HF radio equipment for the exchange of digital data and electronic mail in the maritime mobile service

This revision of Recommendation ITU-R M.1798 introduces a new system providing a wideband data exchange for the maritime mobile service in the HF bands. The presentation of the various systems is made through new annexes.

Annex 2

List of Recommendations proposed for suppression

Recommendation ITU-R	Title
F.349-5	Frequency stability required for systems operating in the HF fixed service to make the use of automatic frequency control superfluous
F.436-5	Arrangement of voice-frequency, frequency-shift telegraph channels over HF radio circuit
M.1040	Public mobile telecommunication service with aircraft using the bands 1 670-1 675 MHz and 1 800-1 805 MHz
SF.1482	Maximum allowable values of power flux-density (pfd) produced at the Earth's surface by non-GSO satellites in the fixed-satellite service (FSS) operating in the 10.7-12.75 GHz band
SF.1483	Maximum allowable values of power flux-density (pfd) produced at the Earth's surface by non-GSO satellites in the fixed-satellite service (FSS) operating in the 17.7-19.3 GHz band
SF.1484-1	Maximum allowable values of power flux-density at the surface of the Earth produced by non-geostationary satellites in the fixed-satellite service operating in the 37.5-42.5 GHz band to protect the fixed service
SF.1573	Maximum allowable values of power flux-density at the surface of the Earth by geostationary satellites in the fixed-satellite service operating in the 37.5-42.5 GHz band to protect the fixed service