



Radiocommunication Bureau

(Direct Fax N°. +41 22 730 57 85)

**Administrative Circular
CAR/316**

22 June 2011

To Administrations of Member States of the ITU

Subject: Radiocommunication Study Group 1 (Spectrum management)

- **Proposed adoption of 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 2 Recommendations**

At the meeting of Radiocommunication Study Group 1, held on 2 June 2011, the Study Group decided to seek adoption of 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 2 Recommendations listed in Annex 2.

The consideration period shall extend for 3 months ending on 22 September 2011. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 1. 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>.

François Rancy
Director, Radiocommunication Bureau

Annex 1: Titles and summaries of the draft Recommendations

Annex 2: Recommendations proposed for suppression

Documents attached: Documents 1/150(Rev.1), 1/152(Rev.1), 1/154(Rev.1), 1/157(Rev.1), 1/160(Rev.1), 1/161(Rev.1) and 1/167(Rev.1) on CD-ROM

Distribution:

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

Annex 1

Titles and summaries of the draft Recommendations

Draft revision of Recommendation ITU-R SM.1839

Doc. 1/150(Rev.1)

Test procedure for measuring the scanning speed of radio monitoring receivers

The proposed revision is simply to clarify that scanning speed depends on the purpose or intent of the measurement, and that the measurement procedure described in the Recommendation applies to measurements for the purpose of providing signal level values, such as would be used for spectrum occupancy measurements.

Draft revision of Recommendation ITU-R SM.854-2

Doc. 1/152(Rev.1)

Direction finding and location determination at monitoring stations

The development of the new version of the ITU Handbook on Spectrum Monitoring (2011) requires a revision of Recommendation ITU-R SM.854-2 to reflect specific features of emitter location determination that previously were not sufficiently detailed.

Draft revision of Annex 8 to Recommendation ITU-R SM.1541-3

Doc. 1/154(Rev.1)

Unwanted emissions in the out-of-band domain

Annex 8

OoB domain emission limits for primary radar systems

Annex 8 to Recommendation ITU-R SM.1541-3 is proposed to be revised as follows:

- New FM pulse radar waveform 40 dB bandwidth equation.
- New FMCW pulse radar waveform 40 dB bandwidth equation with an implementation factor value at 1.2.
- Single out-of-band roll-off mask at 30 dB per decade applicable to all radar waveforms.

- 20 dB per decade out-of-band roll-off mask applicable to radars that are unable to meet the new 30 dB per decade mask, this is listed under new category called “Excluded waveforms” with a review date of 2016.
- New text for design objective, with the design objective remaining at 40 dB per decade and a review date of 2016.

Draft revision of Recommendation ITU-R SM.1723-1

Doc. 1/157(Rev.1)

Mobile spectrum monitoring unit

This document proposes modification to replace the three types of vehicles in Section 2.1 – the Estate type, Van type, and Truck type vehicles – with the three types of vehicles in Section 2.4.2.2.5 of the 2011 Edition of the ITU Handbook on Spectrum Monitoring. Figures in the Handbook are not duplicated in this Recommendation.

Draft revision of Recommendation ITU-R SM.1682

Doc. 1/160(Rev.1)

Methods for measurements on digital broadcasting signals

The development of the new version of the ITU Handbook on Spectrum Monitoring (2011) requires a revision of Recommendation ITU-R SM.1682 to update the references to the relevant sections of the Handbook and to complete the equipment columns of the various tables in the Recommendation.

Draft revision of Recommendation ITU-R SM.1708

Doc. 1/161(Rev.1)

Field-strength measurements along a route with geographical coordinate registrations

The development of the new version of the ITU Handbook on Spectrum Monitoring (2011) requires a revision of Recommendation ITU-R SM.1708 to update the Table in Section 5.2 and to ensure consistency with the Handbook.

The impact of power line high data rate telecommunication systems on radiocommunication systems

This draft revision “extends” Recommendation ITU-R SM.1879 from below 30 MHz to cover also 80-470 MHz. It provides a summary of the protection criteria of radiocommunication services below 30 MHz and between 80 and 470 MHz with regard to interference by an aggregate of power line telecommunication (PLT) systems. Details on interference considerations below 80 MHz are contained in Report ITU-R SM.2158 on the impact of PLT systems on radiocommunication systems operating in the LF, MF, HF and VHF bands below 80 MHz and in Report ITU-R SM.[PLT + 80 MHz] (see Doc. 1/171) on the impact of PLT systems on radiocommunication systems operating in the VHF and UHF bands between 80 and 470 MHz. Some administrations have adopted or are in the process of adopting national regulations including technical and operational restrictions that may have been derived using a variety of parameters and/or methodologies, taking into account, in particular, specific national deployment scenarios and technical characteristics, as well as other considerations. Examples can be found in Annex 2 to the Recommendation.

Annex 2

(Source: Attachment 1 to Document 1/176)

Recommendations proposed for suppression

Recommendation ITU-R	Title
SM.667	National spectrum management data
SM.1048	Design guidelines for basic automated spectrum management system (BASMS)
