



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

Administrative Circular  
CAR/172

29 October 2004

## To Administrations of Member States of the ITU

**Subject: Proposed approval of 4 draft revised Recommendations and 1 draft modified Recommendation adopted by Radiocommunication Study Group 9**

At the meeting of ITU-R Study Group 9 (Fixed service) held from 30 September to 1 October 2004, the Study Group adopted the texts of 4 draft revised Recommendations and 1 draft modified Recommendation, and agreed to apply the procedure of Resolution ITU-R 1-4 (see § 10.4.5) for approval of Recommendations by consultation. The titles and summaries of these Recommendations are given in Annex 1. The Study Group also proposed the suppression of 2 Recommendations (ITU-R F.1397-2 and ITU-R F.1491-2).

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-4, I should be grateful if you would inform the Secretariat ([brsgd@itu.int](mailto:brsgd@itu.int)) by 29 January 2005, whether your Administration approves or does not approve these draft Recommendations and those proposed for suppression.

A Member State who indicates that a draft Recommendation should not be approved is requested to advise the reason and indicate possible changes in order to facilitate further consideration by the Study Group during the study period (§ 10.4.5.5 of Resolution ITU-R 1-4).

After the above-mentioned deadline, I will notify the results of this consultation by administrative circular and make arrangements for the approved Recommendations to be published in accordance with § 10.4.7 of Resolution ITU-R 1-4.

Valery Timofeev  
Director, Radiocommunication Bureau

Annex:  
Titles and summaries

Documents attached:  
Documents 9/BL/8 – 9/BL/12 on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 9
- ITU-R Associates participating in the work of Radiocommunication Study Group 9

## ANNEX 1

### **Titles and summaries of the draft Recommendations adopted by Radiocommunication Study Group 9**

(Geneva, 30 September – 1 October 2004)

Draft modification of Recommendation ITU-R F.763-4

Doc. 9/BL/8

#### **Data transmission over HF circuits using phase shift keying or quadrature amplitude modulation**

This draft revision proposes to add new information for data rates from 3 200 to 12 800 bit/s waveforms to the Recommendation. The key features of this waveform are: ability to track an HF channel with 3-5 ms of multipath fading; ability to correct for errors caused by fading, multipath and noise; the equipment passband bandwidth requirement is 300 to 3 050 Hz; automatic data Rate and Interleaver detection; and able to tolerate a shift of  $\pm 75$  Hz between the transmission and reception HF carriers.

Draft revision of Recommendation ITU-R F.1102-1

Doc. 9/BL/9

#### **Characteristics of fixed wireless systems operating in frequency bands above about 17 GHz**

This Recommendation provides characteristics of fixed wireless systems operating in frequency bands above about 17 GHz. In this revision, applications of systems in these bands are reviewed, and vertically-connected wireless link used in the user building environment is added to Table 1 which summarizes a categorization of applications.

Draft revision of Recommendation ITU-R F.385-7

Doc. 9/BL/10

#### **Radio-frequency channel arrangements for fixed wireless systems operating in the 7 GHz band**

This Recommendation provides radio frequency channel arrangements for fixed wireless systems (FWS) operating in the 7 GHz band. The revision is intended to add new arrangements with 28, 14 and 7 MHz channel separation to the Annex 5 dealing with the band 7 250-7 550 MHz. The term “radio-relay” is replaced with “fixed wireless” all through the text. The old descriptions related to the analogue systems are removed.

Draft revision of Recommendation ITU-R F.1568

Doc. 9/BL/11

**Radio-frequency block arrangements for fixed wireless access systems  
in the range 10.15-10.3/10.5-10.65 GHz**

This Recommendation provides radio frequency block arrangements for fixed wireless access (FWA) systems in the range 10.15-10.3/10.5-10.65 GHz. The modification is made to add to the Annex 1 a new Note, which additionally specifies use of 7 MHz blocks within the already defined 28 MHz block.

Draft revision of Recommendation ITU-R F.1108-3

Doc. 9/BL/12

**Determination of the criteria to protect fixed service receivers from the  
emissions of space stations operating in non-geostationary orbits  
in shared frequency bands**

The modification aims to make the Recommendation applicable to highly elliptical orbit (HEO) satellites.

---