



*Radiocommunication Bureau*

*(Direct Fax N°. +41 22 730 57 85)*

Circular Letter  
**CR/282**

17 April 2008

## **To Administrations of Member States of ITU**

**Subject:** Implementation of decisions of the World Radiocommunication Conference, Geneva, 2003 (WRC-03) that will enter into force on 30 March 2009

### **To the Director-General**

Dear Sir/Madam

1 The World Radiocommunication Conference, Geneva, 2003 (WRC-03), adopted a partial revision of the Radio Regulations and decided that the revised provisions shall enter into force on 1 January 2005, with the exception of those provisions for which another date was specifically indicated. The purpose of this Circular Letter is to provide guidance to administrations regarding the implementation of the WRC-03 decisions that will enter into force on 30 March 2009, notably the decisions that concern the changes in the allocations between 6 765 kHz and 8 100 kHz.

2 The allocation situations in the bands between 6 765 kHz and 8 100 kHz, which are applicable until 29 March 2009 and after 29 March 2009 (i.e. as from 30 March 2009), are summarized in Annexes 1 and 2 to this Circular Letter, respectively. For both situations, the formulations of the applicable provisions were adjusted to reflect the applicable conditions for the given period and the provisions, whose formulations were adjusted to this end, are indicated by placing the relevant provision numbers in parentheses.

3 With this background and following inquiries from some administrations and regional organizations, including the ones from the recent Global HFBC Coordination Conference (Kuala Lumpur, 4–8 February 2008), the Bureau provides hereunder information regarding the procedures that would be applicable as from 30 March 2009 with respect to the services within the band 6 765–8 100 kHz.

3.1 The primary allocation to the mobile, except aeronautical mobile (R), service in the band 6 765-7 000 kHz on a shared basis with the fixed service will become effective on 30 March 2009.

3.2 The allocation to the amateur service in the band 7 100-7 200 kHz, in Regions 1 and 3, will become effective on 30 March 2009. As from that date (i.e. as from season A09), the band 7 100-7 200 kHz will no longer be available for HF broadcasting in any ITU Region and will be excluded from the procedure governed by Article 12 of the Radio Regulations.

3.3 The allocation to the broadcasting service in the band 7 350-7 450 kHz will become effective on 30 March 2009. Although there is no indication in any of the relevant provisions that this part of the band is subject to the application of Article 12 procedure, the Bureau, on the basis of the title of Article 12 and given the formulation of No. 12.1, considers that, as of 30 March 2009, the broadcasting service in the band 7 350-7 450 kHz will be governed by the procedure of Article 12.

3.4 Given the fact that the allocation to the fixed service, in the band 7 350-7 450 kHz, to the countries listed in No. 5.143C, is an additional allocation and not an alternative allocation, these countries have the option to use this frequency band for broadcasting purposes (e.g. to cover their national territories or territories of other countries) and for fixed service (for national HF links within their countries as well as for international HF links that include terminals in any country which have allocation in the fixed service (e.g. with any country in Region 2 in the band 7 400-7 450 kHz)). This allocation situation, in conjunction with the principle of equality of rights for primary services, provides equal rights to the following categories of users:

- to broadcasting service users, who have the right to use frequencies in the band 7 350-7 400 kHz throughout the areas where such allocation is made (i.e. all three Regions in the band 7 350-7 400 kHz, all territories in Regions 1 and 3 for the band 7 400-7 450 kHz);
- to fixed service users, who have the right to use frequencies in the bands 7 350-7 450 kHz throughout the countries and areas where the allocation to the fixed service is made. With respect to the broadcasting service, they have equal rights (No. 5.36 applies), as from 30 March 2009.

3.5 The Bureau noted that no provision of the Radio Regulations implies the obligation for coordination of stations in the broadcasting service with respect to stations in the fixed service in the band 7 350-7 450 kHz. Provision No. 5.143C only lists the countries where fixed service is allocated, and does not impose any conditions to the broadcasting service. On the other hand, provision No. 12.30 encourages administrations to coordinate their schedule with other administrations, and such coordination may be carried out, on a voluntary basis, between administrations operating a broadcasting service and administrations having allocations to the fixed service as per No. 5.143C.

3.6 In view of the above, the Bureau will not conduct any compatibility assessment in the band 7 350-7 450 kHz between the broadcasting requirements submitted under Article 12 of the Radio Regulations and the assignments in the fixed service from the countries referred to in 5.143C (even if they are recorded in the MIFR).

4 The Bureau will review its software for the receivability of the notices in the bands between 6 765 kHz and 8 100 kHz, including the relevant parts of the HFBC software, and will make the required adjustments with a view to reflecting the changes referred to in paragraphs 3.1 to 3.6 above, in a timely manner and within the time frame which specifies the time limits for submission of the HFBC schedules for the A09 Schedule. After 30 March 2009, the Bureau will also review the frequency records in the Master Register, in the bands between 6 765 kHz and 8 100 kHz, and will amend the relevant findings, where appropriate, so as to adjust them to the applicable frequency allocations that will enter into force on 30 March 2009.

5 The Bureau remains at the disposal of your administration for any clarification you may require with respect to the subjects covered in this Circular Letter.

Yours faithfully,

Valery Timofeev  
Director, Radiocommunication Bureau

**Annexes: 2**

**Distribution:**

- Administrations of Member States of ITU
- Members of the Radio Regulations Board

## Annex 1

### Allocation situation in force until 29 March 2009

#### 6 765-8 100 kHz

Allocation to services		
Region 1	Region 2	Region 3
<b>6 765-7 000</b>	FIXED Land mobile 5.139 5.138	
<b>7 000-7 100</b>	AMATEUR AMATEUR-SATELLITE 5.140 5.141 5.141A	
<b>7 100-7 300</b> BROADCASTING 5.141A	<b>7 100-7 300</b> AMATEUR 5.142	<b>7 100-7 300</b> BROADCASTING
<b>7 300-7 350</b>	BROADCASTING 5.134 5.143	
<b>7 350-8 100</b>	FIXED Land mobile 5.144	

**5.134** The use of the bands 5 900-5 950 kHz, 7 300-7 350 kHz, 9 400-9 500 kHz, 11 600-11 650 kHz, 12 050-12 100 kHz, 13 570-13 600 kHz, 13 800-13 870 kHz, 15 600-15 800 kHz, 17 480-17 550 kHz and 18 900-19 020 kHz by the broadcasting service is subject to the application of the procedure of Article 12. Administrations are encouraged to use these bands to facilitate the introduction of digitally modulated emissions in accordance with the provisions of Resolution 517 (Rev.WRC 07). (WRC-07)

**5.138** The following bands:

6 765-6 795 kHz	(centre frequency 6 780 kHz),
433.05-434.79 MHz	(centre frequency 433.92 MHz) in Region 1 except in the countries mentioned in No. 5.280,
61-61.5 GHz	(centre frequency 61.25 GHz),
122-123 GHz	(centre frequency 122.5 GHz), and
244-246 GHz	(centre frequency 245 GHz)

are designated for industrial, scientific and medical (ISM) applications. The use of these frequency bands for ISM applications shall be subject to special authorization by the administration concerned, in agreement with other administrations whose radiocommunication services might be affected. In applying this provision, administrations shall have due regard to the latest relevant ITU-R Recommendations.

**(5.139)** *Different category of service:* in Armenia, Azerbaijan, Belarus, the Russian Federation, Georgia, Kazakhstan, Latvia, Lithuania, Mongolia, Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan and Ukraine, the allocation of the band 6 765-7 000 kHz to the land mobile service is on a primary basis (see No. **5.33**). (WRC-07)

**5.140** *Additional allocation:* in Angola, Iraq, Kenya, Rwanda, Somalia and Togo, the band 7 000-7 050 kHz is also allocated to the fixed service on a primary basis. (WRC-03)

**5.141** *Alternative allocation:* in Egypt, Eritrea, Ethiopia, Guinea, the Libyan Arab Jamahiriya and Madagascar, the band 7 000-7 050 kHz is allocated to the fixed service on a primary basis. (WRC-97)

**5.141A** *Additional allocation:* in Uzbekistan and Kyrgyzstan, the bands 7 000-7 100 kHz and 7 100-7 200 kHz are also allocated to the fixed and land mobile services on a secondary basis. (WRC-03)

**(5.142)** The use of the band 7 100-7 300 kHz in Region 2 by the amateur service shall not impose constraints on the broadcasting service intended for use within Region 1 and Region 3.

**5.143** *Additional allocation:* frequencies in the band 7 300-7 350 kHz may be used by stations in the fixed service and in the land mobile service, communicating only within the boundary of the country in which they are located, on condition that harmful interference is not caused to the broadcasting service. When using frequencies for these services, administrations are urged to use the minimum power required and to take account of the seasonal use of frequencies by the broadcasting service published in accordance with the Radio Regulations. (WRC-07)

**5.144** In Region 3, the stations of those services to which the band 7 995-8 005 kHz is allocated may transmit standard frequency and time signals.

## Annex 2

### Allocation situation in force after 29 March 2009

#### 6 765-8 100 kHz

Allocation to services		
Region 1	Region 2	Region 3
<b>6 765-7 000</b>	FIXED MOBILE except aeronautical mobile (R) 5.138	
<b>7 000-7 100</b>	AMATEUR AMATEUR-SATELLITE 5.140 5.141 5.141A	
<b>7 100-7 200</b>	AMATEUR 5.141A 5.141B	
<b>7 200-7 300</b> BROADCASTING	<b>7 200-7 300</b> AMATEUR 5.142	<b>7 200-7 300</b> BROADCASTING
<b>7 300-7 400</b>	BROADCASTING 5.134 5.143 5.143A 5.143B 5.143C 5.143D	
<b>7 400-7 450</b> BROADCASTING  5.143B 5.143C	<b>7 400-7 450</b> FIXED MOBILE except aeronautical mobile (R)	<b>7 400-7 450</b> BROADCASTING  5.143A 5.143C
<b>7 450-8 100</b>	FIXED MOBILE except aeronautical mobile (R) 5.144	

**5.134** The use of the bands 5 900-5 950 kHz, 7 300-7 350 kHz, 9 400-9 500 kHz, 11 600-11 650 kHz, 12 050-12 100 kHz, 13 570-13 600 kHz, 13 800-13 870 kHz, 15 600-15 800 kHz, 17 480-17 550 kHz and 18 900-19 020 kHz by the broadcasting service is subject to the application of the procedure of Article 12. Administrations are encouraged to use these bands to facilitate the introduction of digitally modulated emissions in accordance with the provisions of Resolution **517 (Rev.WRC 07)**. (WRC-07)

**5.138** The following bands:

6 765-6 795 kHz	(centre frequency 6 780 kHz),
433.05-434.79 MHz	(centre frequency 433.92 MHz) in Region 1 except in the countries mentioned in No. <b>5.280</b> ,
61-61.5 GHz	(centre frequency 61.25 GHz),
122-123 GHz	(centre frequency 122.5 GHz), and
244-246 GHz	(centre frequency 245 GHz)

are designated for industrial, scientific and medical (ISM) applications. The use of these frequency bands for ISM applications shall be subject to special authorization by the administration concerned, in agreement with other administrations whose radiocommunication services might be affected. In applying this provision, administrations shall have due regard to the latest relevant ITU-R Recommendations.

**5.140** *Additional allocation:* in Angola, Iraq, Kenya, Rwanda, Somalia and Togo, the band 7 000-7 050 kHz is also allocated to the fixed service on a primary basis. (WRC-03)

**5.141** *Alternative allocation:* in Egypt, Eritrea, Ethiopia, Guinea, the Libyan Arab Jamahiriya and Madagascar, the band 7 000-7 050 kHz is allocated to the fixed service on a primary basis. (WRC-97)

**5.141A** *Additional allocation:* in Uzbekistan and Kyrgyzstan, the bands 7 000-7 100 kHz and 7 100-7 200 kHz are also allocated to the fixed and land mobile services on a secondary basis. (WRC-03)

**(5.141B)** *Additional allocation:* in Algeria, Saudi Arabia, Australia, Bahrain, Botswana, Brunei Darussalam, China, Comoros, Korea (Rep. of), Diego Garcia, Djibouti, Egypt, United Arab Emirates, Eritrea, Indonesia, Iran (Islamic Republic of), Japan, Jordan, Kuwait, the Libyan Arab Jamahiriya, Morocco, Mauritania, New Zealand, Oman, Papua New Guinea, Qatar, the Syrian Arab Republic, Singapore, Sudan, Tunisia, Viet Nam and Yemen, the band 7 100-7 200 kHz is also allocated to the fixed and the mobile, except aeronautical mobile (R), services on a primary basis. (WRC-03)

**(5.142)** The use of the band 7 200-7 300 kHz in Region 2 by the amateur service shall not impose constraints on the broadcasting service intended for use within Region 1 and Region 3. (WRC-03)

**5.143** *Additional allocation:* frequencies in the band 7 300-7 350 kHz may be used by stations in the fixed service and in the land mobile service, communicating only within the boundary of the country in which they are located, on condition that harmful interference is not caused to the broadcasting service. When using frequencies for these services, administrations are urged to use the minimum power required and to take account of the seasonal use of frequencies by the broadcasting service published in accordance with the Radio Regulations. (WRC-07)

**(5.143A)** In Region 3, the band 7 350-7 450 kHz may be used by stations in the fixed and land mobile services, communicating only within the boundary of the country in which they are located, on condition that harmful interference is not caused to the broadcasting service. When using frequencies for these services, administrations are urged to use the minimum power required and to take account of the seasonal use of frequencies by the broadcasting service published in accordance with the Radio Regulations. (WRC-03)

**(5.143B)** In Region 1, on condition that harmful interference is not caused to the broadcasting service, frequencies in the band 7 350-7 450 kHz may be used by stations in the fixed and land mobile services communicating only within the boundary of the country in which they are located, each station using a total radiated power that shall not exceed 24 dBW. (WRC-03)

**(5.143C)** *Additional allocation:* in Algeria, Saudi Arabia, Bahrain, Comoros, Djibouti, Egypt, United Arab Emirates, Iran (Islamic Republic of), the Libyan Arab Jamahiriya, Jordan, Kuwait, Morocco, Mauritania, Oman, Qatar, the Syrian Arab Republic, Sudan, Tunisia and Yemen, the bands 7 350-7 400 kHz and 7 400-7 450 kHz are also allocated to the fixed service on a primary basis. (WRC-03)

**(5.143D)** In Region 2, the band 7 350-7 400 kHz may be used by stations in the fixed and land mobile services, communicating only within the boundary of the country in which they are located, on condition that harmful interference is not caused to the broadcasting service. When using frequencies for these services, administrations are urged to use the minimum power required and to take account of the seasonal use of frequencies by the broadcasting service published in accordance with the Radio Regulations. (WRC-03)

**5.144** In Region 3, the stations of those services to which the band 7 995-8 005 kHz is allocated may transmit standard frequency and time signals.

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