



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

Circular Letter
CR/334

18 May 2012

To Administrations of Member States of ITU

Subject: Implementation of Resolution 755 [COM5/4] (WRC-12) of the World Radiocommunication Conference, Geneva, 2012 (WRC-12)

To the Director-General

Dear Sir/Madam

1 The World Radiocommunication Conference, Geneva, 2012 (WRC-12), adopted a partial revision of the Radio Regulations and decided that the revised provisions shall enter into force on 1 January 2013, with the exception of those provisions for which another date was specifically indicated. The purpose of this Circular Letter is to bring to the notice of administrations the decisions of the Conference contained in Resolution 755 [COM5/4] (WRC-12) on Power flux-density limits for transmitting stations in the 21.4-22 GHz band. This Circular Letter will be followed by a separate Circular Letter that will summarize the decisions of the Conference with a view to facilitating their implementation, having in mind the transitional arrangements and other decisions that entered into force on 18 February 2012.

2. In Resolution 755 [COM5/4] (WRC-12), WRC-12 decided under *resolves* 1 that frequency assignments of stations in the fixed and mobile services (in the band 21.4 – 22 GHz) recorded in the MIFR or notified under the provisions of Article **11** before 18 February 2012 shall comply with the limit specified in No. **5.530A (5.D113)** by 31 December 2015, or the first day of the next world radiocommunication conference, whichever is earlier. The same Resolution, in its *resolves* 2 states “that frequency assignments to space stations in the broadcasting-satellite service in Regions 1 and 3,
– recorded in the MIFR under the provisions of Article **11** before 18 February 2012; or
– coordinated under the provisions of Article **9** before 18 February 2012; or
– for which a complete notice under No. **9.30** was received by the Bureau before 18 February 2012, shall comply with the limits specified in Table 21-4 of Article **21** as of 18 February 2012.

2.1 Resolution 755 [COM5/4] (WRC-12) also instructs the Director of the Radiocommunication Bureau to bring to the attention of all administrations the pfd limits specified in §2 above, through a Circular Letter in respect of transmitting stations submitted before 18 February 2012. Accordingly the Bureau would like to draw the attention of administrations to the following in relation to frequency assignments in the band 21.4 – 22 GHz for Terrestrial and Space services.

3 Terrestrial Services in the band 21.4-22 GHz

3.1 Frequency assignments recorded in the MIFR or received before 18 February 2012.

In order to implement Resolution 755 [COM5/4] (WRC-12), administrations have to submit a declaration to the Bureau that their fixed and mobile services assignments indeed meet the pfd limit specified in §2 above or meet another pfd value agreed between the administrations concerned.

The Bureau will review the findings already recorded in the MIFR based on these declarations and will establish favourable findings only if an administration submitted a declaration for the frequency assignments already recorded in the MIFR.

In the absence of a declaration the Bureau will conclude that those assignments that are not covered by the declarations do not meet the pfd limit of No. 5.530A (5.D113). The Bureau will change the regulatory findings (with respect to No.11.31) of such assignments to unfavourable and retain these assignments in the MIFR for information purposes, under the provisions of No.8.5 unless the administration requests to delete the respective assignments from the MIFR.

The administrations may also consider the possibility to modify the parameters of the related frequency assignments in order to meet the pfd limit of No. 5.530A or another pfd value agreed between the administrations concerned.

The Bureau would like to inform the administrations that it will be in a position to perform this review of the findings in a timely manner only if the declarations mentioned above are received at least three months before the end of the date limit specified in §2.

3.2 Frequency assignments received on or after 18 February 2012.

Although the scope of Resolution 755 (WRC-12) is limited to the assignments recorded before 18 February 2012, the Bureau would like to take this opportunity to provide information on processing of the corresponding notices received on or after 18 February 2012.

WRC-12 decided, due to significant financial implications estimated for implementation of No. 5.530A, that the pfd limit of No. 5.530A would not be verified by the Bureau, but checked by administrations. Therefore, the administrations notifying assignments to the stations in the fixed and mobile services in the band 21.4 – 22 GHz are requested to provide in the Remarks field of each relevant notice a commitment that the assignment meets the pfd limit of No. 5.530A or another pfd value agreed between the administrations concerned.

The relevant assignments would receive favourable findings only if such a commitment is received by the Bureau.

4. Space Services in the band 21.4-22 GHz

4.1 Coordination Requests

4.1.1 Request for coordination of frequency assignments to space stations in the BSS received before 18 February 2012:

Transmitting BSS space stations in the band 21.4-22 GHz received by the Bureau as requests for coordination under No. 9.30 of the RR were not subject to pfd limits prior to 18 February 2012. Such space stations have been (or are being) published in CR/C special sections without examination against the limits specified in Table 21-4 of Article 21 in force since 18 February 2012.

The compliance check with these limits shall occur at the time of examination of the corresponding notices for recording of the frequency assignments in the MIFR under No. 11.2 of the RR. Administrations are therefore invited to take into account, in their bilateral and multilateral negotiations with the concerned administrations, the requirements of *resolves* 2 of Resolution 755 [COM5/4] (WRC-12) and to ensure that the characteristics of the frequency assignments subsequently submitted for the corresponding notices for recording of the frequency assignments in the MIFR, would meet the pfd limits specified in Table 21-4 of Article 21, in order to receive favourable findings when examined under No.11.31 of the RR.

4.1.2 Request for coordination of frequency assignments to space stations in the BSS received on or after 18 February 2012:

The pfd limits specified in Table 21-4 of Article 21 have entered into force on 18 February 2012 and hence are being applied for coordination requests of frequency assignments to BSS in the band 21.4-22 GHz received on or after 18 February 2012.

4.2 Recording of frequency assignments in the MIFR

4.2.1 Frequency assignments already recorded in the MIFR or received by the Bureau under No. 11.2 of the RR before 18 February 2012:

In accordance with *resolves* 2 of Resolution 755 [COM5/4] (WRC-12), frequency assignments to BSS in the band 21.4-22 GHz recorded in the MIFR under the provisions of Article 11 or received by the Bureau under No. 11.2 of the RR before 18 February 2012 shall also comply with the limits specified in Table 21-4 of Article 21 as of 18 February 2012.

Administrations are therefore invited to verify the compliance of their frequency assignments submitted for recording in the MIFR before 18 February 2012 with the required pfd hard limits of Table 21-4 of Article 21 and to submit notices, if required, to modify the characteristics of recorded assignments in the MIFR accordingly on or before 17 August 2012 (date by which administrations shall have also to submit to the Bureau the complete information in accordance with Annex 2 to Resolution 552 [COM5/6] (WRC-12))

The Bureau shall undertake a review of the findings of frequency assignments already recorded in the MIFR after 17 August 2012 and cancel those frequency assignments not in conformity with the required pfd limits of Table 21-4 of Article 21 .

4.2.2 Notices received by the Bureau under No. 11.2 of the RR for recording in the MIFR on or after 18 February 2012:

The pfd limits specified in Table 21-4 of Article 21 have entered into force on 18 February 2012 and hence are being applied for frequency assignments of notices for recording in the MIFR, received on or after 18 February 2012,

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,

F. Rancy
Director, Radiocommunication Bureau

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