



Radiocommunication Bureau

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Circular letter
CR/299

27 March 2009

To Administrations of Member States of ITU

Subject: Implementation of Appendix **30B** in accordance with Resolution **149 (WRC-07)**

References: Circular letter **CR/278** of 15 February 2008
Circular letter **CR/280** of 4 March 2008

To the Director-General

Dear Sir/Madam

1. In the Circular letters referenced above, the Radiocommunication Bureau brought to the attention of administrations the major aspects of the subject Resolution, the actions subsequently taken by the Bureau, and the necessary actions to be taken by administrations for implementation of that Resolution.
2. Since then, in accordance with *resolves* 3 of Resolution **149 (WRC-07)**, the Bureau has processed five pending submissions under Article 7 of Appendix **30B** received before 17 November 2007. The last treated submission was published in Special Section AP30B/A7/5 in BR IFIC 2634 of 9 December 2008.
3. In complying with “*instructs 2 and 3 to the Director of the Radiocommunication Bureau*” of Resolution **149 (WRC-07)**, the Bureau devoted its substantial resources to developing software packages for the technical examinations under Annexes 3 and 4 of Appendix **30B** as a high priority task. The Bureau regrets that in spite of its efforts, it was not able to make the above-mentioned software package available before 17 November 2008, as mentioned by the Conference.
4. In this regard, the Bureau would like to inform administrations of the current status of the implementation of “*instructs 2 and 3 to the Director of the Radiocommunication Bureau*” of Resolution **149 (WRC-07)**. For this purpose, the corresponding actions taken so far by the Bureau and those yet to be taken are described in the remaining paragraphs of this Circular letter for the attention of your Administration.

5. The Bureau has completed development of the software required to check the conformity of an assignment with the pfd limits specified in Annex 3 to Appendix **30B**, which is integrated into the Bureau's GIBC software package (version 6.2 or later). The software will be made available to administrations and other affiliated users on the SRS-DVD 2009-1 ed. and BR IFIC 2641 of 7 April 2009. This software is compatible with both database structures: the current Version 6¹ structure as well as the upgraded one addressed in the next paragraph. Your Administration may wish to use GIBC to check conformity with Annex 3 pfd limits for pending submissions in accordance with *resolves* 7 of Resolution **149 (WRC-07)**, as well as for new submissions.
6. The Bureau has also carried out the following actions for the development of a software package required for implementation of the Annex 4 technical examinations.
 - 6.1 The algorithm for grid point generation within a service area has been developed and the corresponding interpolation method adopted for implementation of the examination under § 2.2 of Annex 4 and its associated footnote 19.
 - 6.2 The Appendix **30B** (AP30B) database structure has been optimized for more flexible software implementation. It has been further upgraded in order to incorporate the new software requirements for implementation of the Annex 4 technical examinations.
7. The new software package accommodating the above-mentioned requirements to implement the new Annex 4 examinations is under development and test. It will be integrated into the GIBC software package and replace the current SPS package software (namely MSPACE and FSSUPD software) for the Appendix **30B** technical examinations. The attention of your Administration is drawn to the fact that the SPS software package will continue to be used for the Appendix **30/30A** technical examinations.
8. The corresponding BR data capture software, SpaceCap, is also under further development and test in order to be able to capture the data in the above-mentioned revised database structure of the AP30B database. In addition, a new program tool is under development and will be integrated into that upgraded version of SpaceCap for conversion from the AP30B database version 6.0 of the existing databases to the new upgraded version of the database.
9. The Bureau is currently making efforts to provide administrations by mid-May 2009 with the first production version of the Annex 4 software with the minimum functionalities required for calculating *C/I* degradation compared with the Annex 4 protection criteria, as well as establishing and updating the Plan and List reference situations in the AP30B database. This will enable administrations to start using the new software package and to advise the Bureau of any difficulties or problems that they may encounter in its application.
10. The final production version of the new software package, which will include functions for Article 6 processing and for publication of examination results in Special Sections, is expected to be made available by the end of July 2009.
11. The Bureau will start processing two submissions under Article 7 of Appendix **30B** so far received after 17 November 2007, after completion of the task addressed in paragraph 9 above. This will enable the Bureau to resume the examination of submissions received under Article 6 of Appendix **30B** but not yet processed, soon after completion of the tasks referred to in paragraph 10 above.

¹ For the latest AP30B database published in this version please refer to 30B_2634.mdb as contained in the corresponding BR IFIC DVD-ROM. It can be also downloaded from the following BR webpage: <http://web.itu.int/ITU-R/plans/ap30b/index.html>.

12. The Radiocommunication Bureau trusts that the information provided in this Circular letter is useful to your Administration and remains at your disposal for any further information it may require.

Yours faithfully,

Valery Timofeev
Director, Radiocommunication Bureau

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