



Radiocommunication Bureau

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Circular Letter
CR/279

11 February 2008

To Administrations of Member States of ITU

Subject: Implementation of decisions of the World Radiocommunication Conference, Geneva, 2007 (WRC-07) and associated transitional arrangements that entered into force on 17 November 2007

To the Director-General

Dear Sir/Madam

1 The World Radiocommunication Conference, Geneva, 2007 (WRC-07), adopted a partial revision of the Radio Regulations and decided that the revised provisions shall enter into force on 1 January 2009, with the exception of those provisions for which another date was specifically indicated. The purpose of this Circular Letter is to summarize the decisions of the Conference with a view to facilitating their implementation, having in mind primarily the transitional arrangements and other decisions that entered into force on 17 November 2007. This Circular Letter should be read in conjunction with Circular Letter CR/280 that relates to the implementation of the revised Appendix **30B (Rev.WRC-07)** and Resolution **149 [COM5/8] (WRC-07)**.

2 The Conference decided that, as of 17 November 2007, the following modified allocations shall enter into force, together with the associated conditions for operation of the concerned services in the respective frequency bands:

- modified allocation in the bands 960-1 164 MHz, which consists of the introduction of primary allocation to the Aeronautical mobile (R) service under the conditions specified in No. 5.327A/5.4B06 and in Resolution 417 [COM4/5] (e.g. operation on a non-interference non-protection basis of systems in the Aeronautical mobile (R) service with respect to systems in aeronautical radionavigation service);

- new sharing criteria for the use of the bands 1 350-1 400 MHz, 1 427-1 452 MHz, 22.55-23.55 GHz, 30-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz by the active service to which these bands are allocated (such as the fixed service, the mobile service, the radiolocation service, the fixed-satellite service (Earth-to-space), the space operation service (Earth-to-space, the inter-satellite service)) on one hand, and the Earth exploration-satellite service on the other hand, as stipulated in No. **5.338A**/5.BA03 and in Resolution 750 [COM5/4]. It is to be noted that these criteria are to be applied only between the administrations concerned and the Bureau shall not make any examination or finding with respect to compliance of the concerned submissions with Resolution 750 [COM5/4] under either Article **9** or **11**;
- modified allocation in the band 2 500-2 535 MHz, which consists, inter alia, in limiting the MSS (space-to-Earth) allocation in this band to Region 3 only, under the conditions set forth in Nos. **5.403**, **5.414** and **5.414A**/5.4A01 (i.e. removal of the allocation to the MSS (space-to-Earth) from Regions 1 and 2) and in clarifying the conditions for use of this band by the FSS and BSS;
- modified allocation in the band 2 655-2 690 MHz, which consists, inter alia, in limiting the MSS (Earth-to-space) allocation in this band to Region 3 only, under the conditions set forth in No. **5.420** (i.e. removal of the allocation to the MSS (Earth-to-space) from Regions 1 and 2) and in clarifying the conditions for use of this band by the FSS and BSS;
- new sharing criteria for the use of the band 10.6-10.68 GHz by the Earth-exploration satellite (passive) service and the other services to which this band is allocated, as stipulated in No. **5.482A**/5.BA01 and in Resolution 751 [COM5/5]. It is to be noted that these criteria are to be applied only between the administrations concerned and the Bureau shall not make any examination or finding with respect to compliance of the concerned submissions with Resolution 751 [COM5/5] under either Article **9** or **11**;
- new sharing criteria for the use of the band 36-37 GHz by the Earth-exploration satellite (passive) service and the other services to which this band is allocated, as stipulated in No. **5.550A**/5.BA02 and in Resolution 752 [COM5/6]. It is to be noted that these criteria are to be applied only between the administrations concerned and the Bureau shall not make any examination or finding with respect to compliance of the concerned submissions with Resolution 752 [COM5/6] under either Article **9** or **11**.

3 The Conference introduced several changes to the regulatory procedures regarding coordination and notification that entered into force on 17 November 2007. The added footnote A.11.6 to the title of Article **11**, footnote 17A to the title of Article **5** in Appendix **30**, footnote 21A to the title of Article **5** in Appendix **30A**, footnote 1 to the title of Article **6** in Appendix **30B** and footnote 3A to the title of Article **8** in Appendix **30B** deal with the treatment of submissions, which are subject to cost recovery, for which no payments are received in accordance with the provisions of Council Decision 482, as amended. The Conference also clarified the operation of subregional systems under Nos. **5.415** and **5.416**, still at the coordination stage, and requested the Bureau to review the status of such systems accordingly. Some other provisions that will also apply as from 17 November 2007 are:

- modified provisions Nos. **9.14** and **9.41** of Article **9** and Nos. **11.15**, **11.43A**, **11.46** and **11.47** of Article **11**. Modified provision No. **11.15** eliminated the possibility to submit a notification for a satellite network by referring to coordination information already communicated to the Bureau under No. **9.30**. In accordance with Resolution **55** (Rev.WRC-07), all notices for satellite networks submitted to the Bureau pursuant to Article **11** shall be

submitted in electronic format created by using the BR electronic form capture software (SpaceCap);

- modified Tables **21-2** (Power limits for terrestrial stations) and **21-4** (Limits of power flux-density from space stations) of Article **21**;
- modified provision **22.2** (clearer specification for the operation of NGSO with respect to GSO in the FSS and BSS);
- modified Annex 2 to Appendix **4** (specification of data elements for submissions pertaining to space services);
- modified Tables **5-1** and **5-2** of Appendix **5** (specification of the conditions for coordination as modified by WRC-07);
- modified Table **10** of Appendix **7** (specification of coordination distances for sharing situation not covered so far);
- modified Appendices **30**, **30A** and **30B**.

4 WRC-07 revised several Resolutions and Recommendations from previous conferences and adopted several new Resolutions and Recommendations. As a general rule, new and revised Resolutions and Recommendations enter into force at the time of signing the Final Acts of a conference. With respect to the Resolutions and Recommendations, which became effective on 17 November 2007, the following need special mention:

4.1 *Resolution 55 (Rev.WRC-07) dealing with electronic submission of notice forms for satellite networks, earth stations and radio astronomy stations:* pursuant to *resolves 2* of Resolution 55 (Rev.WRC-07), as from 17 November 2007, in addition to all notices for satellite networks, comments/objections submitted to the Bureau under No. **9.3** and **9.52** of Article **9**, or in accordance with § 4.1.7, 4.1.9, 4.1.10, 4.2.10, 4.2.13 or 4.2.14 of Appendices **30** and **30A** with respect to modification to the Region 2 Plan or additional uses in Regions 1 and 3 under Article **4** and use of the guardbands under Article **2A** of those Appendices, or under No. **23.13B** and **23.13C** of the Radio Regulations with respect to satellite networks under Appendix **30**, shall also be submitted in electronic format created by using the Bureau's software SpaceCom (see Circular Letters CR/185, CR/193 and CR/269). This will be gradually enforced.

4.2 *Resolution 80 (Rev.WRC-07), dealing with due diligence in applying the principles embodied in the Constitution:* with this Resolution, WRC-07 instructed the Radiocommunication Sector to carry out studies on procedures for measurement and analysis of the application of the basic principles contained in Article 44 of the Constitution. WRC-07 also invited administrations to contribute to these studies and to the work of the RRB in this respect. Given the complexity of these studies, the membership may wish to embark as early as possible and to submit relevant contributions to the RRB in this respect.

4.3 *Resolution 122 (Rev.WRC-07), dealing with the use of the bands 47.2-47.5 GHz and 47.9-48.2 GHz by HAPS in the fixed service and by other services:* WRC-07 established a new coordination and examination methodology for these bands as well as new data requirements (Table 2 of Appendix **4**) to enable examination of conformity with the specified conditions. WRC-07 instructed the BR to re-examine the provisionally recorded assignments to HAPS in these bands from the view point of their conformity with the conditions set forth in Resolution 122 (Rev.WRC-07), once they are notified in the new data format (confirmation of bringing into use). In addition, WRC-07 instructed the BR to maintain the provisional recordings related to notices received prior to 20 October 2006 until 1 January 2012. In this connection, and given the facts (1) that the revised Appendix **4** will enter into application on 1 January 2009, and (2) that the

implementation of this task requires substantive development work, the Bureau informs the administrations that it would be not in a position to process submissions under Resolution 122 (Rev.WRC-07) until further notice.

4.4 *Resolution 145 (Rev.WRC-07), dealing with the use of the bands 27.9-28.2 GHz and 31-31.3 GHz by HAPS in the fixed service:* WRC-07 instructed the BR to examine the relevant submissions from the view point of their compliance with *resolves* 3 of Resolution 145 (Rev.WRC-07). In this connection, and given the facts (1) that the revised Appendix 4 will enter into application on 1 January 2009, and (2) that the implementation of this task requires substantive development work, the Bureau informs the administrations that it would be not in a position to process submissions under Resolution 145 (Rev.WRC-07) until further notice.

4.5 *Resolution 221 (Rev.WRC-07), dealing with the use of HAPS providing IMT in the bands 1 885-1 980 MHz, 2 010-2 025 MHz and 2 110-2 170 MHz:* WRC-07 reconfirmed the instructions to the BR, from WRC-03, in its examination of the concerned frequency assignments, to check their compliance with the pfd limits specified in *resolves* 1.1, 1.3 and 1.4 of this Resolution, including the notices received prior to 5 July 2003 but not yet processed. Given the fact that no notice was received under this Resolution since WRC-03, and given the other priorities, there was no action from the BR in this respect. Pending further developments in this respect (including the development of the relevant software), the relevant notices, if received, will be held in abeyance, until the relevant software is completed.

4.6 *Resolution 355 [COM4/6] (WRC-07), dealing with the content, formats and periodicity of the maritime related service publications:* WRC-07 invited the ITU-R to conduct studies, with active participation of the BR, with a view to improve the contents and formats of the maritime related publications; such studies would need to be completed by 31 December 2010. The Bureau will participate actively in the relevant ITU-R meetings and in meetings of the relevant organizations with a view to evaluating the possibility or shortening the transitional period, to avoid the discrepancy between the indications in Article 20 and Appendix 16 of the Radio Regulations on one hand and Resolution 355 (WRC-07) on the other hand.

4.7 *Resolution 356 [COM4/10] (WRC-07) dealing with registration of maritime service information in the ITU:* WRC-07 instructed the BR to maintain the online information systems for rescue coordination purposes and invited the ITU-R to consult with the IMO, ICAO, IALA and IHO on the identification of elements for incorporation into ITU online information systems. The Bureau will conduct regular consultations and will adapt the structure of the databases accordingly.

4.8 *Resolution 549 [COM4/1] (WRC-07) dealing with the use of the frequency band 620-790 MHz for existing assignments to stations of the broadcasting satellite service (BSS):* WRC-07 instructed the BR to return to the notifying administrations any submissions of frequency assignments related to BSS in the 620-790 MHz band received by BR under Articles 9 and/or 11, other than those referred to in *resolves* 1 of this Resolution. Necessary preparatory actions have been initiated and the relevant notices or parts will be soon returned to administrations or suppressed in a forthcoming BR IFIC, as appropriate.

4.9 *Resolution 647 [COM6/2] (WRC-07) dealing with spectrum management guidelines for emergency and disaster relief radiocommunications:* WRC-07 instructed the BR to establish a database of currently available frequencies for use in emergency situations in various countries, to issue an appropriate listing and to facilitate online access. The Bureau wishes to inform the membership that the matter is under study with a view to proposing the appropriate format for submission of the relevant information by the administrations. The draft format will be submitted for consideration to the forthcoming meetings of the appropriate ITU-R Study Groups and thereafter included in a relevant Circular Letter, for distribution to administrations. Based on the

feedback, the relevant database would be established in cooperation with the Information Services Department, if necessary.

4.10 *Resolution 805 [COM6/7] (WRC-07), dealing with the agenda for the 2011 World Radiocommunication Conference:* in accordance with standard practices, the necessary preparatory actions have been initiated and the relevant results have been dispatched to the membership (e.g. Administrative Circular CA/171 dealing with the results of the first session of CPM-11, etc.).

4.11 *Resolution 904 [COM5/1] (WRC-07) dealing with transitional measures for coordination between the mobile-satellite service (Earth-to-space) and the space research (passive) service in the band 1 668-1 668.4 MHz for a specific case:* WRC-07 instructed the Bureau to review the coordination status of the mobile-satellite service systems in the band 1 668-1 668.4 MHz that exceed the relevant coordination threshold conditions in Appendix 5, irrespective of the date of receipt, vis-à-vis the SPECTR-R system for which the advance publication information was received by the Bureau on 7 December 2005. Complete coordination information for that later system was received on 22 November 2007 and BR is currently reviewing the coordination status of appropriate MSS systems. Once the examination is completed, results will be published in a forthcoming BR IFIC accordingly.

4.12 *Resolution 906 [COM6/1] (WRC-07) dealing with submission of notices for terrestrial services to the Radiocommunication Bureau:* WRC-07 revised Appendix 4 (part dealing with terrestrial services) by removing some inconsistencies and by introducing some new data elements. WRC-07 also decided on the exclusive use of electronic format for all terrestrial submissions as from 1 January 2009. The Bureau wishes to inform the membership that the relevant specifications regarding various terrestrial services are under review with a view to their adaptation to the contents of the new Appendix 4. More detailed information in this respect will be circulated in a separate Circular Letter.

5 Finally, I wish to draw your attention to the provisions of Article 54 of the Constitution, which invites the Member States to notify the Secretary-General of their consent to be bound by the revisions of the Radio Regulations.

6 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,

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