

**PLENARY MEETING**

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**Working Group 5**

**PROPOSED MODIFICATIONS TO THE DRAFT CPM REPORT**

**CHAPTER 5, AGENDA ITEM 7**

**AGENDA ITEM 7**

7 *to consider possible changes, and other options, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, an advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution 86 (Rev.WRC-07) to facilitate rational, efficient, and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit;*

*Resolution 86 (Rev.WRC-07): Implementation of Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference*

**5/7/3 Issue C – Review or possible cancellation of the advance publication mechanism for satellite networks subject to coordination under section II of Article 9 of the Radio Regulations**

**5/7/3.1 Executive summary**

The required six-month period between the receipt by the Radiocommunication Bureau (BR) of an advance publication of information (API) and a related coordination request was originally intended for administrations to consider and potentially comment upon the API data as well as for the notifying administration to take into consideration the comments of other administrations before submitting the associated coordination request. However, as a consequence of the changes to the Radio Regulations (RR) made at WRC-95, APIs for satellite networks subject to coordination under Section II of RR Article 9 now contain very few information (i.e. orbital position and frequency bands as well as an indication of the intended service area). There is consequently almost no data for administrations to review and comment upon nowadays.

Notwithstanding the above, the six-month minimum period has an additional purpose: once an orbital position viable for coordination is identified by an administration, the administration sends the Bureau the information corresponding to the API and has a period of at least six-months and up to two years to define, prepare and send to the Bureau the complete information corresponding to

the coordination request, while taking into account comments made by other administrations under RR No. **9.5B**.

ITU-R studies have shown that the suppression of the six-month period would increase the time dedicated to coordination discussions during the 7-year period and that the suppression of comments under RR No. **9.5B** would decrease the administrative workload of administrations and the BR. However, some administrations only support the suppression of the six-month period between the API and the CR/C and would retain RR No. **9.5B**. Methods proposing to implement these various changes are consequently proposed.

This issue was discussed at previous WRCs and studied by ITU-R Study Groups in previous study cycles. WRC-15 is therefore invited to decide on the retention or otherwise of the API mechanism in a definitive manner.

### **5/7/3.2 Background**

The required six-month period between the receipt by the BR of an API and a related coordination request was originally intended for administrations to consider and potentially comment upon the information contained in the API as well as for the administration responsible for the proposed satellite network to take into consideration the comments of other administrations before submitting the associated coordination request. It also has the purpose of allowing administrations to have a six-month minimum period as from the identification of an orbital position requested to BR through the API, to prepare and submit the complete information corresponding to CR/C. Initially the API contained information on the planned types of carriers, associated power levels and earth stations characteristics.

As a consequence of the changes to the RR made at WRC-95, APIs for satellite networks subject to coordination under Section II of RR Article **9** now contain a much more limited number of information (e.g. orbital position and frequency bands as well as an indication of the intended service area). There is consequently much less data for administrations to review and comment upon.

Moreover, WRC-12 modified RR No. **9.36.2** to establish a definitive list of satellite networks to be coordinated with. As a consequence, there is now approximately 15-16 months between the receipt of API and the publication of the definitive list: 6 months between the API and coordination request (see RR No. **9.1**), 3-4 months to publish the coordination request (according to the Report to the 64th meeting of the Radio Regulations Board (RRB), see Document RRB13-3/3 and also RR No. **9.38**), 4 months to comment (see RR No. **9.52**) and approximately 2 months to publish the definitive list following the comments (time period estimated on the basis of publication of CR/D or CR/E since 1 January 2013). This period of 15-16 months is almost entirely dedicated to administrative work leading to the establishment of the coordination requirements and represents 18-19% of the seven-year period after the date of receipt of API to bring into use the frequency assignments to the satellite network.

This issue was discussed during WRC-07 where it was felt that it was premature to suppress the API mechanism and again very briefly during WRC-12, where it was agreed not to implement the suppression of the API mechanism because of insufficient time to address all issues raised in connection with this proposal.

### **5/7/3.3 Summary of technical and operational studies, including a list of relevant ITU-R Recommendations**

#### **5/7/3.3.1 Usefulness of API for better selecting optimal orbital location and frequencies**

Considering the difficulties in selecting an optimal orbital position and frequencies for a new satellite system, the six-month minimum period was considered beneficial for the notifying administration to evaluate and determine the most appropriate orbital position and corresponding frequencies. This period also gave an opportunity for the notifying administration to take into account the comments received from administrations reviewing the API in order to make the necessary adjustments to its satellite network before submitting the coordination request.

However, since the changes decided at WRC-95, APIs for satellite networks subject to coordination under Section II of RR Article 9 currently include very limited data, i.e. orbital position and frequency bands as well as an indication of the intended service area, and therefore provide little information for administrations to review and comment upon. In practice, it is extremely rare that an orbital position is chosen because of comments received following the API publication.

On the contrary, the six-month minimum period could result in the unavailability of an orbital position that was available at the time of submitting the API because another coordination request, associated to a previously submitted API, has been received by the Bureau during this six-month period.

#### **5/7/3.3.2 Relation with cost recovery measures of coordination requests**

Coordination requests are now subject to cost recovery. In this context, the six-month minimum period was indicated as assisting in the evaluation and determination of the final orbital position and frequencies so to avoid unnecessary expenses potentially resulting from the submission of coordination request information at an orbital position or in frequency bands already selected for another, previously submitted, coordination request.

Flexibility for the notifying administration to adjust the final orbital position and frequencies would, in such a case, be reduced because it would have to submit a modification to its coordination request that would entail additional cost recovery fees.

However it should be noted that Council Decision 482 (Modified 2013) “Implementation of cost recovery for satellite network filings” *decides* 10 reads:

“10 that any subsequent cancellation received by the Radiocommunication Bureau within 15 days of the date of receipt of the filing shall remove the obligation to pay the fee;”

In addition, Resolution **55 (Rev.WRC-12)** *instructs the Radiocommunication Bureau:*

“1 to make available coordination requests and notifications referred to in *resolves* 1, “as received”, on its BR International Frequency Information Circular CD-ROM, within 30 days of receipt, and also on its website;”

A solution to this cost-recovery related issue could therefore consist in slightly modifying Resolution **55 (Rev.WRC-12)** to instruct the BR to make available coordination requests “as received” on its website within a number of days from the date of receipt that would be chosen to allow administrations to act according to *decides* 10 of Council Decision 482 (Modified 2013).

Although this solution may save an administration the obligation to pay the cost recovery fee for a coordination request which is found to be at the same orbital location as a previously submitted coordination request from another administration, the need to resubmit the coordination request will result in a later regulatory date of receipt.

### **5/7/3.3.3 Possibility of initiating coordination before the publication of the coordination request**

It was also argued in the past that the six-month minimum period does not introduce any practical delay in the coordination process since the coordination can still be initiated informally between the concerned administrations, especially when the coordination information has been submitted to the BR. However, administrations generally prefer to know the results of the BR's examination, as contained in the coordination request officially published by the Bureau, before entering into the coordination process.

If the six-month minimum period is eliminated, the coordination process of the satellite network with identified administrations may commence sooner than under the current situation.

### **5/7/3.3.4 Need for transitional measures**

It should be noted that the suppression of the six-month minimum period between the date of receipt of an API and the date of receivability of the associated coordination request would not require any transitional measures since any coordination request could be sent from the date of entry into force of the revised provision.

However, should the API mechanism be completely suppressed, a provision will have to be inserted to maintain the computation of the 7-year period of RR No. **11.44** from the date of receipt of the API with regard to satellite networks and systems having been received before the date of entry into force of the new RR provisions.

Reducing the period before which an API expires may require transitional measures, for example, from 1 January 2016 all API notices with a date of receipt prior to 1 July 2017 are cancelled on 1 January 2018.

### **5/7/3.3.5 Impact of the suppression of RR No. 9.5B**

It was recognized that in any method that includes the suppression of RR No. **9.5B**, this would remove the only formal mechanism established in the RR to allow comments from any administration on any filing of a satellite network subject to coordination with respect to potentially affected satellite networks not subject to coordination. By suppression of RR No. **9.5B** there is a need to address the case of an administration intending to comment on satellite networks subject to Section II of RR Article **9** with respect to their existing satellite networks which are not subject to Section II of RR Article **9**.

### **5/7/3.4 Analysis of the results of studies**

Various changes made since WRC-95 to the API mechanism have significantly altered the usefulness of information contained in APIs for satellite networks subject to coordination under Section II of RR Article **9**. Such APIs currently include very limited data and therefore provide little information for administrations to review and comment upon. The suppression of the six-month period would reduce the initial period of 15-16 months almost entirely dedicated to administrative work leading to the establishment of the coordination requirements. Suppression of the six-month period may require additional measures to address the cost recovery aspects (see also section 5/7/3.3.2 above).

Furthermore, the six-month minimum period has an additional purpose: once an orbital position viable for coordination is identified by an administration, the administration sends the Bureau the information corresponding to the API and has a period of at least six months and up to two years to define, prepare and send to the Bureau the complete information corresponding to the coordination request, while taking into account comments made by other administrations under RR No. **9.5B**.

**5/7/3.5 Methods to satisfy issue C**

**5/7/3.5.1 Method C1: No change to the API mechanism**

No change.

**5/7/3.5.2 Method C2: Cancellation of the current API mechanism for satellite networks subject to coordination under Section II of RR Article 9**

This method includes two options. Under Option A the need for an API for satellite networks subject to coordination under Section II of RR Article 9 would be suppressed. Under Option B, the current API mechanism would be suppressed and an API would be automatically generated by the BR as soon as a new coordination request is received. This API would have the same receipt date as the first coordination request for a frequency band and would be used as a basis for the computation of the seven-year period of the satellite network. The six-month delay would disappear as well as the need and the opportunity for commenting on this API. When the notifying administration wants to modify an existing coordination request, it will be able to refer to the API special section to indicate that it wants a modification to an existing satellite network and not the creation of a new one.

**5/7/3.5.3 Method C3: Review of the API mechanism for satellite network subject to coordination under Section II of Article 9**

This method includes two options. Under Option A the period before expiry of API for satellite networks subject to coordination under Section II of RR Article 9 and not covered by a coordination request would be reduced. Also, due to the reduced period for which an API would remain valid, the requirement for the BR to remind administrations of the impending expiry is considered to be no longer necessary.

Under Option B the six-month minimum period between the date of receipt of an API and the date of receivability of the associated coordination request would be suppressed. This could include advantages of Methods C1 and C2 since:

- Administrations who wish to retain API (Method C1) can submit their request for coordination (CR/C) data any time after submission of API but before 2 years as stipulated by the current RR.
- Administrations who wish to submit request for coordination (CR/C) data from the beginning (Method C2) would have the opportunity to do so.
- RR No. **9.5B** is retained.

**5/7/3.6 Regulatory and procedural considerations for issue C**

**5/7/3.6.1 Method C1: No change to the API mechanism**

**NOC**

**ARTICLE 9**

**Procedure for effecting coordination with or obtaining agreement of other administrations<sup>1, 2, 3, 4, 5, 6, 7, 8, 8bis</sup> (WRC-12)**

**5/7/3.6.2 Method C2: Cancellation of the current API mechanism for satellite networks subject to coordination under Section II of RR Article 9**

**5/7/3.6.2.1 Option A**

ARTICLE 9

**Procedure for effecting coordination with or obtaining agreement of other administrations<sup>1, 2, 3, 4, 5, 6, 7, 8, 8bis</sup>** (WRC-12)

**Section I – Advance publication of information on satellite networks or satellite systems**

*General*

**MOD**

**9.1** Before initiating any action under this Article or under Article **11** in respect of frequency assignments for a satellite network or a satellite system not subject to the coordination procedure described in Section II of Article 9 below, an administration, or one<sup>9</sup> acting on behalf of a group of named administrations, shall, prior to the coordination procedure described in Section II of Article 9 below, where applicable, send to the Bureau a general description of the network or system for advance publication in the International Frequency Information Circular (BR IFIC) not earlier than seven years and preferably not later than two years before the planned date of bringing into use of the network or system (see also No. **11.44**). The characteristics to be provided for this purpose are listed in Appendix 4. The coordination or notification information may also be communicated to the Bureau at the same time; it shall be considered as having been received by the Bureau not earlier than six months after the date of receipt of the information for advance publication where coordination is required by Section II of Article 9. Where coordination is not required by Section II, notification but shall be considered as having been received by the Bureau not earlier than six months after the date of publication of the advance publication information. (WRC-0315)

**Reasons:** To suppress the need for an API for satellite networks subject to coordination under Section II of RR Article 9.

**ADD**

**9.1bis** Before initiating any action under Article **11** in respect of frequency assignments for a satellite network or a satellite system subject to the coordination procedure described in Section II of Article 9 below, an administration, or one<sup>9</sup> acting on behalf of a group of named administrations, shall send to the Bureau requests for coordination in accordance with No. **9.30** not earlier than seven years before the planned date of bringing into use of the network or system (see also No. **11.44**).

**Reasons:** This addition is intended to clarify the computation of the 7-year period for satellite networks/systems subject to coordination.

**ADD**

**Section IA – Advance publication of information on satellite networks or satellite systems that are not subject to coordination procedure under Section II**

**MOD**

**9.2** Amendments to the information sent in accordance with the provisions of No. **9.1** shall also be sent to the Bureau as soon as they become available. The use of an additional frequency band, ~~or~~ modification of the orbital location by more than  $\pm 6^\circ$  for a space station using the geostationary-satellite orbit, the modification of the reference body or the modification of the direction of transmission for a space station using a non-geostationary-satellite orbit ~~will require~~s the application of the advance publication procedure ~~for this band or orbital location, as appropriate. Furthermore, where coordination is not required by Section II of Article 9, the modification of the reference body or the modification of the direction of transmission for a space station using a non-geostationary-satellite orbit will require the application of the advance publication procedure.~~ (WRC-1215)

**Reasons:** Consequential to the modification of RR No. **9.1**.

**NOC**

**9.2A**

**NOC**

**9.2B**

**SUP**

**Sub-Section IA – Advance publication of information on satellite networks or satellite systems that are not subject to coordination procedure under Section II**

**NOC**

**9.3**

**NOC**

**9.4**

**NOC**

**9.5**

**NOC**

**9.5A**

**SUP**

**Sub-Section IB – Advance publication of information on satellite networks or satellite systems that are subject to coordination procedure under Section II**

SUP

9.5B

SUP

9.5C

SUP

9.5D

**Reasons:** Consequential to the modification of RR No. **9.1**.

## ARTICLE 11

### **Notification and recording of frequency assignments<sup>1, 2, 3, 4, 5, 6, 7, 7bis</sup> (WRC-12)**

#### **Section II – Examination of notices and recording of frequency assignments in the Master Register**

MOD

**11.44** The notified date<sup>20, 21</sup> of bringing into use of any frequency assignment to a space station of a satellite network shall be not later than seven years following the date of receipt by the Bureau of the relevant complete information under No. **9.1**, **9.1bis** or **9.2**, as appropriate. Any frequency assignment not brought into use within the required period shall be cancelled by the Bureau after having informed the administration at least three months before the expiry of this period. (WRC-12<sup>5</sup>)

**Reasons:** Consequential to the modification of RR No. **9.1**. These modifications are intended to clarify the computation of the 7-year period for the various types of satellite networks.

MOD

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<sup>20</sup> **11.44.1** In the case of space station frequency assignments that are brought into use prior to the completion of the coordination process, and for which the Resolution **49 (Rev.WRC-12<sup>15</sup>)** or Resolution **552 (WRC-12<sup>15</sup>)** data, as appropriate, have been submitted to the Bureau, the assignment shall continue to be taken into consideration for a maximum period of seven years from the date of receipt of the relevant information under No. **9.1bis**. If the first notice for recording of the assignments in question under No. **11.15** has not been received by the Bureau by the end of this seven-year period, the assignments shall be cancelled by the Bureau after having informed the notifying administration of its pending actions six months in advance. (WRC-12<sup>15</sup>)

**Reasons:** Consequential to the addition of RR No. **9.1bis**. This modification is intended to clarify the computation of the 7-year period for the satellite networks subject to coordination.

MOD

**11.48** If, after the expiry of the period of seven years from the date of receipt of the relevant complete information referred to in No. **9.1**, **9.1bis** or **9.2**, as appropriate, the administration responsible for the satellite network has not brought the frequency assignments to



stations of the network into use, or has not submitted the first notice for recording of the frequency assignments under No. **11.15**, or, where required, has not provided the due diligence information pursuant to Resolution **49 (Rev.WRC-1215)** or Resolution **552 (WRC-1215)**, as appropriate, the corresponding information published under Nos. **9.2B** and **9.38**, as appropriate, shall be cancelled, but only after the administration concerned has been informed at least six months before the expiry date referred to in Nos. **11.44** and **11.44.1** and, where required, § 10 of Annex 1 of Resolution **49 (Rev.WRC-1215)**. (WRC-125)

**Reasons:** Consequential to the modification of RR No. **9.1**. These modifications are intended to clarify the computation of the 7-year period for the various types of satellite networks.

Note 1: Consequential modifications may also be required in RR Appendix **4** (deletion of “X” in the column “Notification or coordination of a geostationary-satellite network (including space operation functions under Article **2A** of Appendices **30** or **30A**)” for item A.13.a) and in RR Appendix **5** (modification of footnote “<sup>3</sup>” to remove references to the coordination of a satellite network in connection with RR No. **9.1**), as well as in Resolutions **49 (Rev.WRC-12)** (§ 4 of Annex 1) and **552 (WRC-12)** (§8 of Annex 1).

Note 2: Modifications to Resolution **55 (Rev.WRC-12)** may also be needed depending on the conclusions related to the issue discussed in section 5/7/3.3.2 above.

## MOD

### RESOLUTION 49 (REV.WRC-1215)

#### **Administrative due diligence applicable to some satellite radiocommunication services**

The World Radiocommunication Conference (Geneva, 201215),

*considering*

...

*considering further*

...

*resolves*

...

### ANNEX 1 TO RESOLUTION 49 (REV.WRC-1215)

...

4 An administration requesting coordination for a satellite network under §1 above shall send to the Bureau as early as possible before the end of the period established as a limit to bringing into use in No. **9.1bis**, the due diligence information relating to the identity of the satellite network and the spacecraft manufacturer specified in Annex 2 to this Resolution.

...

MOD

RESOLUTION 552 (WRC-~~12~~15)

**Long-term access to and development in the band 21.4-22 GHz in  
Regions 1 and 3**

The World Radiocommunication Conference (Geneva, 20~~12~~15),

*considering*

...

*resolves*

...

ANNEX 1 TO RESOLUTION 552 (WRC-~~12~~15)

...

8 Within 30 days after the end of the seven-year period following the date of receipt by the Bureau of the relevant complete information under No. **9.1bis** or **9.2**, as appropriate, and after the end of the three-year period following the date of suspension under No. **11.49**, if the complete information under this Resolution is not yet received by the bureau, the corresponding frequency assignments shall be cancelled by the Bureau, which subsequently informs the administration accordingly.

...

**5/7/3.6.2.2 Option B**

ARTICLE 9

**Procedure for effecting coordination with or obtaining agreement of other  
administrations<sup>1, 2, 3, 4, 5, 6, 7, 8, 8bis</sup> (WRC-12)**

**Section I – Advance publication of information on satellite  
networks or satellite systems**

*General*

MOD

**9.1** Before initiating any action ~~under this Article or~~ under Article **11** in respect of frequency assignments for a satellite network or a satellite system not subject to the coordination procedure described in Section II of Article 9 below, an administration, or one<sup>9</sup> acting on behalf of a group of named administrations, shall, ~~prior to the coordination procedure described in Section II of Article 9 below, where applicable,~~ send to the Bureau a general description of the network or

system for advance publication in the International Frequency Information Circular (BR IFIC) not earlier than seven years and preferably not later than two years before the planned date of bringing into use of the network or system (see also No. 11.44). The characteristics to be provided for this purpose are listed in Appendix 4. The ~~coordination or~~ notification information may also be communicated to the Bureau at the same time; ~~it shall be considered as having been received by the Bureau not earlier than six months after the date of receipt of the information for advance publication where coordination is required by Section II of Article 9. Where coordination is not required by Section II, notification but~~ shall be considered as having been received by the Bureau not earlier than six months after the date of publication of the advance publication information. (WRC-0315)

**Reasons:** To suppress the need for sending an API for satellite networks subject to coordination under Section II of RR Article 9.

## ADD

**9.1bis** Upon receipt of a coordination request under No. 9.30, the Bureau shall publish a general description of the network or system for advance publication in the International Frequency Information Circular (BR IFIC). The characteristics to be published for this purpose are listed in Appendix 4. Modifications to previous coordination requests other than those described under No. 9.2 shall not generate a new publication under this provision.

**Reasons:** To automatically generate an API at receipt of a coordination request.

## MOD

**9.2** Amendments to the information sent in accordance with the provisions of No. 9.1 shall also be sent to the Bureau as soon as they become available. The use of an additional frequency band, ~~or~~ modification of the orbital location by more than  $\pm 6^\circ$  for a space station using the geostationary-satellite orbit, the modification of the reference body or the modification of the direction of transmission for a space station using a non-geostationary-satellite orbit ~~will require~~s the application of the advance publication procedure ~~for this band or orbital location, as appropriate. Furthermore, where coordination is not required by Section II of Article 9, the modification of the reference body or the modification of the direction of transmission for a space station using a non-geostationary-satellite orbit will require the application of the advance publication~~ procedure. (WRC-1215)

**Reasons:** Consequential to the modification of RR No. 9.1.

## SUP

### Sub-Section IB – Advance publication of information on satellite networks or satellite systems that are subject to coordination procedure under Section II

## SUP

### 9.5B

## SUP

### 9.5C

## SUP

### 9.5D

**Reasons:** Consequential to the modification of RR No. **9.1** and addition of RR No. **9.1bis**.

## ARTICLE 11

### **Notification and recording of frequency assignments<sup>1, 2, 3, 4, 5, 6, 7, 7bis</sup> (WRC-12)**

#### **Section II – Examination of notices and recording of frequency assignments in the Master Register**

##### **MOD**

**11.44** The notified date<sup>20, 21</sup> of bringing into use of any frequency assignment to a space station of a satellite network shall be not later than seven years following the date of receipt by the Bureau of the relevant complete information under No. **9.1** or **9.2** in case of satellite networks not subject to Section II of Article 9 or under No. 9.1bis in case of satellite networks subject to Section II of Article 9, as appropriate. Any frequency assignment not brought into use within the required period shall be cancelled by the Bureau after having informed the administration at least three months before the expiry of this period. (WRC-~~42~~15)

**Reasons:** Consequential to the modification of RR No. **9.1** and addition of RR No. **9.1bis**. These modifications are intended to clarify the computation of the 7-year period for the various types of satellite networks.

##### **MOD**

<sup>20</sup> **11.44.1** In the case of space station frequency assignments that are brought into use prior to the completion of the coordination process, and for which the Resolution **49 (Rev.WRC-12)** or Resolution **552 (WRC-12)** data, as appropriate, have been submitted to the Bureau, the assignment shall continue to be taken into consideration for a maximum period of seven years from the date of receipt of the relevant information under No. **9.1** or No. **9.1bis**, as appropriate. If the first notice for recording of the assignments in question under No. **11.15** has not been received by the Bureau by the end of this seven-year period, the assignments shall be cancelled by the Bureau after having informed the notifying administration of its pending actions six months in advance. (WRC-~~42~~15)

**Reasons:** Consequential to the modification of RR No. **9.1** and addition of RR No. **9.1bis**. This modification is intended to clarify the computation of the 7-year period for the various types of satellite networks.

##### **MOD**

**11.48** If, after the expiry of the period of seven years from the date of receipt of the relevant complete information referred to in No. **9.1** or **9.2** in case of satellite networks not subject to Section II of Article 9 or in No. 9.1bis in case of satellite networks subject to Section II of Article 9, as appropriate, the administration responsible for the satellite network has not brought the frequency assignments to stations of the network into use, or has not submitted the first notice for recording of the frequency assignments under No. **11.15**, or, where required, has not provided the due diligence information pursuant to Resolution **49 (Rev.WRC-12)** or Resolution **552 (WRC-12)**, as appropriate, the corresponding information published under Nos. **9.2B** and **9.38**, as appropriate, shall be cancelled, but only after the administration concerned has been informed at least six months before the expiry date referred to in Nos. **11.44** and **11.44.1** and, where required, § 10 of Annex 1 of Resolution **49 (Rev.WRC-12)**. (WRC-~~42~~15)

**Reasons:** Consequential to the modification of RR No. **9.1** and addition of RR No. **9.1bis**. These modifications are intended to clarify the computation of the 7-year period for the various types of satellite networks.

Note 1: Consequential modifications may also be required in RR Appendix **4** (deletion of “X” in the column “Notification or coordination of a geostationary-satellite network (including space operation functions under Article 2A of RR Appendices **30** or **30A**)” for item A.13.a) and in RR Appendix **5** (modification of footnote “<sup>3</sup>” to remove references to the coordination of a satellite network in connection with RR No. **9.1**), as well as in Resolutions **49 (Rev.WRC-12)** (§ 4 of Annex 1) and **552 (WRC-12)** (§ 8 of Annex 1).

Note 2: Modifications to Resolution **55 (Rev.WRC-12)** may also be needed depending on the conclusions related to the issue discussed in section 5/7/3.3.2 above.

### **5/7/3.6.3 Method C3: Review of the API mechanism for satellite network subject to coordination under Section II of Article 9**

#### **5/7/3.6.3.1 Option A**

## ARTICLE 9

### **Procedure for effecting coordination with or obtaining agreement of other administrations<sup>1, 2, 3, 4, 5, 6, 7, 8, 8bis</sup> (WRC-12)**

#### **Section I – Advance publication of information on satellite networks or satellite systems**

##### *General*

#### **MOD**

**9.1** Before initiating any action under this Article or under Article **11** in respect of frequency assignments for a satellite network or a satellite system, an administration, or one<sup>9</sup> acting on behalf of a group of named administrations, shall, prior to the coordination procedure described in Section II of Article **9** below, where applicable, send to the Bureau a general description of the network or system for advance publication in the International Frequency Information Circular (BR IFIC) not earlier than seven years and preferably not later than two years before the planned date of bringing into use of the network or system (see also No. **11.44**). The characteristics to be provided for this purpose are listed in Appendix **4**. The coordination or notification information may also be communicated to the Bureau at the same time; it shall be considered as having been received by the Bureau ~~not earlier than~~ six months after the date of receipt of the information for advance publication where coordination is required by Section II of Article **9**. Where coordination is not required by Section II, notification shall be considered as having been received by the Bureau not earlier than six months after the date of publication of the advance publication information. (WRC-~~0315~~)

**Sub-Section IB – Advance publication of information on satellite networks or satellite systems that are subject to coordination procedure under Section II**

**MOD**

**9.5D** If the information under No. **9.30** has not been received by the Bureau within a period of ~~24~~ six months after the date of receipt by the Bureau of the relevant complete information under No. **9.1** or **9.2**, as appropriate, the information published under No. **9.2B** and not covered by a coordination request under No. **9.30** shall be cancelled, ~~after the administration concerned has been informed at least three months before the end of the 24-month period.~~ The Bureau shall also publish the cancellation in its BR IFIC. (WRC-~~03~~15)

**5/7/3.6.3.2 Option B**

**ARTICLE 9**

**Procedure for effecting coordination with or obtaining agreement of other administrations<sup>1, 2, 3, 4, 5, 6, 7, 8, 8bis</sup> (WRC-12)**

**Section I – Advance publication of information on satellite networks or satellite systems**

*General*

**MOD**

**9.1** Before initiating any action under this Article or under Article **11** in respect of frequency assignments for a satellite network or a satellite system, an administration, or one<sup>9</sup> acting on behalf of a group of named administrations, shall, prior to the coordination procedure described in Section II of Article **9** below, where applicable, send to the Bureau a general description of the network or system for advance publication in the International Frequency Information Circular (BR IFIC) not earlier than seven years and preferably not later than two years before the planned date of bringing into use of the network or system (see also No. **11.44**). The characteristics to be provided for this purpose are listed in Appendix **4**. The coordination or notification information may also be communicated to the Bureau at the same time; ~~it shall be considered as having been received by the Bureau not earlier than six months after the date of receipt of the information for advance publication where coordination is required by Section II of Article 9.~~ Where coordination is not required by Section II, notification shall be considered as having been received by the Bureau not earlier than six months after the date of publication of the advance publication information. (WRC-~~03~~15)

**Reasons:** To suppress the six-month period between the date of receipt of API and the date of receivability of the associated coordination request under Section II of RR Article **9**, in order to reduce the part dedicated to publication of special sections within the coordination process.

**Sub-Section IB – Advance publication of information on satellite networks or satellite systems that are subject to coordination procedure under Section II**

**MOD**

**9.5B** If, upon receipt of the BR IFIC containing information published under No. **9.2B**, any administration considers its existing or planned satellite systems or networks or terrestrial stations<sup>11</sup> to be affected, it may send its comments to the publishing administration, so that the latter may take those comments into consideration ~~when initiating the coordination procedure~~. A copy of these comments may also be sent to the Bureau. Thereafter, both administrations shall endeavour to cooperate in joint efforts to resolve any difficulties, with the assistance of the Bureau, if so requested by either of the parties, and shall exchange any additional relevant information that may be available. (WRC-~~2000~~15)

**Reasons:** Consequential to the suppression of the six-month period because the coordination procedure can be initiated before the publication of the advance publication.

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