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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23)Dubai, 20 November - 15 December 2023** |  |
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| PLENARY MEETING | **Document 176-E** |
|  | **29 October 2023** |
|  | **Original: English** |
|  |
| Australia |
| PROPOSALS FOR THE WORK OF THE CONFERENCE |
|  |
| Agenda item 9.2 |

9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the ITU Convention;

9.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations;[[1]](#footnote-1)1 and

Introduction

To remove the requirement for the Bureau to generate advance publication information for satellite networks subject to coordination under Section II of Article **9** of the Radio Regulations (RR) as a result of the changes at WRC-15 which no longer require administrations to submit this information.

Proposals

ARTICLE 9

Procedure for effecting coordination with or obtaining agreement of other administrations1, 2, 3, 4, 5, 6, 7, 8    (WRC‑19)

Section I − Advance publication of information on satellite
networks or satellite systems

General

SUP AUS/176/1

9.1A Upon receipt of the complete information sent under No. **9.30**, the Bureau shall make available, using the basic characteristics of the coordination request, a general description of the network or system for advance publication in a Special Section. The characteristics to be made available for this purpose are listed in Appendix **4**.     (WRC‑19)

SUP AUS/176/2

9.2C Modifications to coordination information that include the use of an additional frequency band or modification of the orbital location for a space station using the geostationary-satellite orbit will require application of the procedure in No. **9.1A**.     (WRC‑15)

Section II − Procedure for effecting coordination13, 14

Sub-Section IIA − Requirement and request for coordination

MOD AUS/176/3

9.30 Requests for coordination made under Nos. 9.7 to 9.14 and 9.21 shall be sent by the requesting administration to the Bureau, together with the appropriate information listed in Appendix 4 to these Regulations. Any additional frequency bands subsequently added to the request for coordination or a modification to the request for coordination involving a change of the orbital location for a space station using the geostationary-satellite orbit will be given a new date of receipt with respect to the application of Nos. **11.44**, **11.44.1** and **11.48**.     (WRC‑23)

ARTICLE 11

Notification and recording of frequency
assignments1, 2, 3, 4, 5, 6, 7    (WRC‑19)

Section II − Examination of notices and recording of frequency assignments
in the Master Register

MOD AUS/176/4

11.44 The notified dateMOD 23, 24, 25of bringing into use of any frequency assignment to a space station of a satellite network or system 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 the case of satellite networks or systems not subject to Section II of Article **9** or under No. 9.30 in the case of satellite networks or systems subject to Section II of Article **9**. 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‑23)

MOD AUS/176/5

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23 11.44.1In 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‑19)** orResolution **552 (Rev.WRC‑19)** 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. **9.30**. If the first notice for recording of the assignments in question under No. **11.15** related to No. **9.1** or No. **9.30** 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‑23)

MOD AUS/176/6

11.44A A notice not conforming to No. 11.44 shall be returned to the notifying administration with a recommendation to restart the advance publication procedure under No. **9.1** or No. **9.2**, orto restart the coordination procedure under No. 9.30.      (WRC‑23)

MOD AUS/176/7

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 the case of satellite networks or systems not subject to Section II of Article **9** or in No. **9.30**in the case of satellite networks or systems subject to Section II of Article **9**, 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‑19)**, 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‑19)**MOD 31.     (WRC‑23)

MOD AUS/176/8

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31 11.48.1 If the information pursuant to Resolution **552 (Rev.WRC‑19)** has not been provided, the corresponding information published under No. **9.38** shall be cancelled 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. **9.30**.      (WRC‑23)

APPENDIX 4 (REV.WRC‑19)

Consolidated list and tables of characteristics for use in the
application of the procedures of Chapter III

ANNEX 2

Characteristics of satellite networks, earth stations
or radio astronomy stations[[2]](#footnote-2)2    (Rev.WRC‑23)

Footnotes to Tables A, B, C and D

MOD AUS/176/9

**TABLE A**

GENERAL CHARACTERISTICS OF THE SATELLITE NETWORK OR SYSTEM,
EARTH STATION OR RADIO ASTRONOMY STATION     (Rev.WRC‑23)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| … |  |  |  |  |  |  |  |  |  |  |  |  |
| **Items in Appendix** | ***A \_ GENERAL CHARACTERISTICS OF THE SATELLITE NETWORK OR SYSTEM, EARTH STATION OR RADIO ASTRONOMY STATION*** | **Advance publication of a geostationary-satellite network** | **Advance publication of a non-geostationary-satellite network or system subject to coordination under Section II of Article 9** | **Advance publication of a non-geostationary-satellite network or system not subject to coordination under Section II of Article 9** | **Notification or coordination of a geostationary-satellite network (including space operation functions under Article 2A of Appendices 30 or 30A)**  | **Notification or coordination of a non-geostationary-satellite network or system** | **Notification or coordination of an earth station (including notification under Appendices 30A or 30B)**  | **Notice for a satellite network in the broadcasting-satellite service under Appendix 30 (Articles 4 and 5)** | **Notice for a satellite network (feeder-link) under Appendix 30A (Articles 4 and 5)** | **Notice for a satellite network in the fixed-satellite service under Appendix 30B (Articles 6 and 8)** | **Items in Appendix** | **Radio astronomy** |
| **A.13** | **REFERENCES TO THE PUBLISHED SPECIAL SECTIONS OF THE BUREAU'S INTERNATIONAL FREQUENCY INFORMATION CIRCULAR (see the Preface)** |  | **A.13** |  |
| A.13.a | the reference and number of the advance publication information in accordance with No. **9.1** |  |  |  | **X** | **X** | **X** |  |  |  | A.13.a |  |
| … |  |  |  |  |  |  |  |  |  |  |  |  |

**Reasons:** Deletion of the reference to RR No. **9.1A** and removal of the column in Annex 2 of RR Appendix **4**: *“Advance publication of a non-geostationary-satellite network or system subject to coordination under Section II of Article* ***9****”* (removal of the column is not marked as a change).

APPENDIX 5 (REV.WRC‑19)

Identification of administrations with which coordination is to be effected or
agreement sought under the provisions of Article 9

MOD AUS/176/10

1 For the purpose of effecting coordination under Article **9**, except in the case under No. **9.21**, and for identifying the administrations with which coordination is to be effected, the frequency assignments to be taken into account are those in the same frequency band as the planned assignment, pertaining to the same service or to another service to which the frequency band is allocated with equal rights or a higher category[[3]](#footnote-3)1 of allocation, which might affect or be affected, as appropriate, and which are:      (WRC‑15)

*a)* in conformity with No. **11.31**[[4]](#footnote-4)2; and

*b)* either recorded in the Master International Frequency Register (Master Register) with a favourable finding with respect to No. **11.32**; or

*c)* recorded in the Master Register with an unfavourable finding with respect to No. **11.32** and a favourable finding with respect to No. **11.32A** or No. **11.33**, as appropriate; or

*cbis)*recorded in the Master Register under No. **11.41**; or     (WRC‑03)

*d)* coordinated under the provisions of Article **9**; or

*e)* included in the coordination procedure with effect from the date of receipt[[5]](#footnote-5)3 by the Radiocommunication Bureau, in accordance with No. **9.34**, of those characteristics specified in Appendix **4** as mandatory or required, or from the date of dispatch, in accordance with No. **9.29**, of the appropriate information listed in Appendix **4**; or      (WRC‑15)

*f)* where appropriate, in conformity with a world or regional allotment or assignment plan and the associated provisions;

*g)* for terrestrial radiocommunication stations or earth stations operating in the opposite direction of transmission[[6]](#footnote-6)4 and, in addition, operating in accordance with these Regulations, or to be so operated prior to the date of bringing the earth station assignment into service, or within the next three years from the date of dispatch of coordination data under No. **9.29**, whichever is the longer, or from the date of the publication referred to in No. **9.38**, as appropriate.     (WRC‑2000)

MOD AUS/176/11

RESOLUTION 49[[7]](#footnote-7)1 (Rev.WRC‑23)

Administrative due diligence applicable to some
satellite radiocommunication services

The World Radiocommunication Conference (Dubai, 2023),

...

resolves

that the administrative due diligence procedure contained in Annex 1 to this Resolution shall be applied for a satellite network or satellite system of the fixed-satellite service, mobile-satellite service or broadcasting-satellite service for which the request for coordination under No. **9.30**, or for which the request for modifications of the Region 2 Plan under Article 4, § 4.2.1 *b)* of Appendices **30** and **30A** that involve the addition of new frequencies or orbit positions, or for which the request for modifications of the Region 2 Plan under Article 4, § 4.2.1 *a)* of Appendices **30** and **30A** that extend the service area to another country or countries in addition to the existing service area, or for which the request for additional uses in Regions 1 and 3 under § 4.1 of Article 4 of Appendices **30** and **30A**, or for which the submission under Appendix **30B** is received, with the exception of submissions of new Member States seeking the acquisition of their respective national allotments[[8]](#footnote-8)2 for inclusion in the Appendix **30B** Plan,

...

ANNEX 1 TO RESOLUTION 49 (Rev.WRC‑23)

...

ANNEX 2 TO RESOLUTION 49 (Rev.WRC‑23)

**A Identity of the satellite network**

*a)* Identity of the satellite network

*b)* Name of the administration

*c)* Country symbol

*d)* Reference to the request for modification of the Region 2 Plan or for additional uses in Regions 1 and 3 under Appendices **30** and **30A**; or reference to the information processed under Article 6 of Appendix **30B (Rev.WRC‑19)**

*e)* Reference to the request for coordination (not applicable for Appendices **30**, **30A** and **30B**)

*f)* Frequency band(s)

*g)* Name of the operator

*h)* Name of the satellite

*i)* Orbital characteristics.

…

MOD AUS/176/12

RESOLUTION 552 (REV.WRC‑23)

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

The World Radiocommunication Conference (Dubai, 2023),

…

Annex 1 to Resolution 552 (rev.WRC‑23)

…

8 Within 30 days after the end of the seven-year period following the date of receipt by BR of the relevant complete information under No. **9.30**, 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 BR, the corresponding frequency assignments shall be cancelled by BR, which subsequently informs the administration accordingly.

Annex 2 to Resolution 552 (rev.WRC‑23)

Information to be submitted

1 Identity of the satellite network

*a)* Identity of the satellite network

*b)* Name of the notifying administration

*c)* Orbital characteristics

*d)* Reference to the request for coordination

*e)* Reference to the notification, when available

*f)* Frequency band(s) included in the relevant special sections of the satellite network

*g)* First date of bringing into use[[9]](#footnote-9)1

*h)* Regulatory status

– Satellite network under operation (only data listed in § 2 shall be provided), or

– Satellite network suspended (only data listed in § 3 shall be provided)

2 Identity of the spacecraft[[10]](#footnote-10)2 (if satellite network filing is under operation)

*a)* ITU ID number, or

*b)* Spacecraft manufacturer

– Name of the spacecraft manufacturer

– Date of execution of the contract

– Delivery date

*c)* Launch services provider

– Name of the launch vehicle provider

– Date of execution of the contract

– Name of the launch vehicle

– Name and location of the launch facility

– Launch date

*d)* Frequency band(s) present on board the spacecraft (i.e. frequency bands for each transponder that are able to be transmitted by a transponder located on board the spacecraft within the frequency band 21.4-22 GHz)

3 Suspension information (if satellite network filing is suspended)

*a)* Date of suspension[[11]](#footnote-11)3

*b)* Reason of suspension:

– Spacecraft moved to another orbital position, or

– In-orbit failure of the spacecraft, or

– Spacecraft de-orbited,

– Other reasons (to be specified).

MOD AUS/176/13

RESOLUTION 553 (rev.WRC‑23)

Additional regulatory measures for broadcasting-satellite networks
in the frequency band and 21.4-22 GHz in Regions 1 and 3 for the
enhancement of equitable access to this frequency band

The World Radiocommunication Conference (Dubai, 2023),

…

ATTACHMENT TO RESOLUTION 553 (REV.WRC‑23)

Special procedure to be applied for an assignment for a BSS system
in the frequency band 21.4-22 GHz in Regions 1 and 3

…

8 Upon receipt of the information under § 6 above, administrations seeking assistance in applying this special procedure shall submit a request for coordination together with the appropriate information listed in Appendix **4** to these Regulations.

9 Administrations not seeking the assistance of the Bureau may submit a request for coordination together with the appropriate information listed in Appendix **4** to these Regulations at the same time as submitting the information under § 4.

…

ANNEX 1

TO

ATTACHMENT TO RESOLUTION 553 (REV.WRC‑23)

…

ANNEX 2

TO

ATTACHMENT TO RESOLUTION 553 (REV.WRC‑23)

…

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1. 1 This agenda sub-item is strictly limited to the Report of the Director on any difficulties or inconsistencies encountered in the application of the Radio Regulations and the comments from administrations. Administrations are invited to inform the Director of the Radiocommunication Bureau of any difficulties or inconsistencies encountered in the Radio Regulations. [↑](#footnote-ref-1)
2. 2 The Radiocommunication Bureau shall develop and keep up-to-date forms of notice to meet fully the statutory provisions of this Appendix and related decisions of future conferences. Additional information on the items listed in this Annex together with an explanation of the symbols is to be found in the Preface to the BR IFIC (Space Services).    (WRC‑12) [↑](#footnote-ref-2)
3. 1 The coordination under Nos. **9.11A** to **9.19** applies only to assignments in frequency bands allocated with equal rights.      (WRC‑15) [↑](#footnote-ref-3)
4. 2 For the purpose of effecting coordination, an assignment for which the process of obtaining agreement under No. **9.21** has been initiated is considered to be in conformity with No. **11.31** with respect to No. **9.21**. [↑](#footnote-ref-4)
5. 3 See No. 9.1 concerning the date to be considered as the date of receipt by the Bureau of the information relating to the notification of a frequency assignment.      (WRC‑23) [↑](#footnote-ref-5)
6. 4 The associated space network characteristics must have been communicated to the Bureau under No. **9.30** or under § 4.1.3/4.2.6 of Article 4 of Appendix **30** or § 4.1.3/4.2.6 of Article 4 of Appendix **30A**.     (WRC‑2000) [↑](#footnote-ref-6)
7. 1 This Resolution does not apply to satellite networks or satellite systems of the broadcasting-satellite service in the frequency band 21.4-22 GHz in Regions 1 and 3. [↑](#footnote-ref-7)
8. 2 See § 2.3 of Appendix **30B (Rev.WRC‑19)**. [↑](#footnote-ref-8)
9. 1 This information has already been provided by the administration under the provisions of Article **11** and will be inserted by the Radiocommunication Bureau (BR). [↑](#footnote-ref-9)
10. 2 If data about the spacecraft are submitted for the first time under this Resolution, items “Spacecraft manufacturer”, “Launch services provider” and “Frequency band(s) present on board the spacecraft” shall be provided. Otherwise, if data about the spacecraft were already submitted under this Resolution, the ID number (based on the ITU filing number) given by BR to this spacecraft at that time shall be indicated. [↑](#footnote-ref-10)
11. 3 This information has already been provided by the administration under the provisions of Article **11** and will be inserted by BR. [↑](#footnote-ref-11)