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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** | | **Addendum 1 to Document 4(Add.1)-E** | |
| **15 November 2023** | |
| **Original: English** | |
| Director, Radiocommunication Bureau | | | |
| REPORT OF THE DIRECTOR ON THE ACTIVITIES OF THE RADIOCOMMUNICATION SECTOR | | | |
| PART 1: ACTIVITIES OF THE RADIOCOMMUNICATION SECTOR IN THE PERIOD BETWEEN WRC-19 AND WRC-23 | | | |
| Report on progress of processing the requests for new allotments in the fixed-satellite service Plan contained in Appendix 30B and their examination results | | | |

After WRC‑19, the Bureau has received requests for national allotments from seven Member States in accordance with Article 7 of Appendix **30B**. Upon receipt of the requests, the Bureau, in accordance with Article 7, expeditiously assisted these seven Administrations in selecting their orbital positions with associated technical parameters. Having received the choices of those Administrations, the Bureau processed the requests under § 7.5 of Article 7. Due to unfavourable findings under § 7.5 b), c) and/or d), the proposed allotments were published under Article 6 in AP30B/A6A Special Sections in accordance with § 7.7, as summarized in Table 1 below.

Table 1

|  |  |  |  |
| --- | --- | --- | --- |
| Notifying Administration | Network Name | Date of receipt | Special Sections Published |
| SRB | SRB00000 (26.7°W) | 12.03.2020 | AP30B/A6A/605  (IFIC 2936 of 22.12.2020) |
| MKD | MKD00000 (16.7°W) | 01.04.2020 | AP30B/A6A/606  (IFIC 2938 of 26.01.2021) |
| BIH | BIH00000 (46.0°E) | 03.04.2020 | AP30B/A6A/607  (IFIC 2941 of 09.03.2021) |
| MDA | MDA00000 (75.1°E) | 15.04.2020 | AP30B/A6A/608  (IFIC 2943 of 06.04.2021) |
| SSD | SSD00000 (23.9°W) | 28.04.2020 | AP30B/A6A/609  (IFIC 2944 of 20.04.2021) |
| GEO | GEO00000 (78.0°E) | 19.05.2020 | AP30B/A6A/610  (IFIC 2946 of 18.05.2021) |
| HRV | HRV00000 (63.0°E) | 24.06.2020 | AP30B/A6A/611  (IFIC 2947 of 01.06.2021) |

As numerous satellite networks, including new submissions for additional systems, were identified as potentially affected, the Radio Regulations Board, in the decision of its 89th meeting, instructed the Bureau to implement, as an interim measure until WRC-23, some additional regulatory measures to Part B submissions under Appendix **30B** received after 28 October 2021 associated with Part A submissions received before 12 March 2020 in order to avoid further degradation of the aggregate *C/I* levels of those Article 7 requests.

In accordance with the instruction of the Board, the Bureau has carefully investigated the impact of the received Part B submissions that might degrade the aggregate *C/I* levels of the seven proposed allotments. In those cases where the calculated aggregate *C/I* values of any proposed allotment are degraded, the Bureau reached out to the notifying Administrations of the Part B submissions and proposed measures to reduce the interference from their satellite networks to those proposed allotments to less than 0.25 dB. All these notifying Administrations (listed in Table 2 below) kindly accepted the proposals.

Table 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Notifying Administration | Satellite name (Part B) | Orbital position | Date of receipt (Part B) | Protected assignments |
| BLR | BLR-FSS2-51.5E | 51.5° E | 28.10.2021 | BIH00000 (46.0E) |
| PNG | NEW DAWN FSS-3 | 62.0° E | 18.03.2022 | HRV00000 (63.0E) |
| IND | INSAT-PKU63E | 63.0° E | 27.06.2022 | HRV00000 (63.0E) |
| G | UKFSS-18W-A | 18.0° W | 01.08.2022 | MKD00000 (16.7W) |
| CYP | CYP-30B-59.7E-3 | 59.7°E | 09.12.2022 | HRV00000 (63.0E) |

During the August-September period of 2023, the Bureau has received submissions under § 6.17 of Article 6 of Appendix **30B** (i.e. Part B) for all the seven above-mentioned Article 7 requests (See Table 3 below).

Table 3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Administration | Satellite name | Position | Date of receipt | Regulatory  Time Limit |
| HRV | HRV00000 | 63.0°E | 18.08.2023 | 24.06.2028 |
| SRB | SRB00000 | 26.7°W | 22.08.2023 | 12.03.2028 |
| SSD | SSD00000 | 23.9°W | 22.08.2023 | 28.04.2028 |
| MKD | MKD00000 | 16.7°W | 22.08.2023 | 01.04.2028 |
| BIH | BIH00000 | 46.0°E | 25.08.2023 | 03.04.2028 |
| GEO | GEO00000 | 78.0°E | 02.09.2023 | 19.05.2028 |
| MDA | MDA00000 | 75.1°E | 05.09.2023 | 15.04.2028 |

In the accompanying letters, the Bureau was requested to consider and process those Part B submissions as soon as possible and to publish the relevant AP30B/A6B Special Sections preferably before WRC-23, as the notifying administrations wish to conclude the inclusion in the Plan of their proposed new allotments during WRC-23. In addition, the seven Administrations have requested the Bureau:

1) to take into account any coordination agreement, which had been communicated to the Bureau by affected Administrations,

2) not to update the reference situation of the affected satellite networks for which a coordination agreement was given,

3) to apply § 6.25 of Article 6 of Appendix **30B** in respect of the remaining affected assignments,

4) to include the frequency assignments of the subject submission into the List even if a national allotment of another Administration was to be identified as affected without updating the reference situation of such allotment.

As there was no clear provision in Appendix **30B** which allowed the Bureau to implement the requests 2) and 4) above, the Bureau sought guidance from the Board on how to treat these requests ([Addendum 2 to Document RRB23-3/11](https://www.itu.int/md/R23-RRB23.3-C-0011/en)). Having considered the Bureau’s request, together with a joint contribution to the 94th RRB meeting (see [Document RRB23-3/12](https://www.itu.int/md/R23-RRB23.3-C-0012/en)), the Board instructed the Bureau, *inter alia*, to *submit a report to WRC-23 to facilitate the decision process with the objective of including the proposed new allotments in the Appendix* ***30B*** *Plan. The report would include the coordination status summaries for each Part B of the Article 7 requests and examination results based on the coordination status on 30 October 2023 and the following approaches:*

• examination in accordance with the provisions of the Radio Regulations;

• examination in accordance with the provisions of the Radio Regulations without updating the reference situation;

• examination in accordance with the criteria provided in Resolution **170 (WRC-19)** (with and without updating the reference situation).

In response, the Bureau has analysed the seven Part B submissions in the approaches instructed by the Board and the summary of the results of these technical examinations are contained in the Annexes 1 to 7 with relevant coordination status.

**The Conference is invited to decide whether, in the treatment of the seven Part B submissions:**

**1) the frequency assignments of the seven Part B submissions can be included into the List even if a national allotment of another Administration is identified as affected; and**

**2) the reference situation of the affected assignments or allotments for which a coordination agreement has been given can remain not updated.**

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Annex 1

Result of examinations Part B submission of 120559032 / SRB00000 (26.7 W)

# 1 Listing of still affected satellite networks (based on the criteria provided in Annex 4 to Appendix 30B and based on the criteria provided in Resolution 170 (WRC-19))



# 2 Reference situation (current and updated) of still affected satellite networks



Notes:

1. The current reference situation values are included in the Appendix **30B** master database in the BR IFIC 3008 of 31.10.2023.

2. The updated reference situation values are those calculated *C/I* values at test points taking into account the interference contribution from the proposed allotment(s).

3. The single-entry reference situation is used only for identification of affected networks when the incoming network is submitted under Resolution **170 (WRC-19)**.

# 3 Potential reference situation of a new national allotment



Annex 2

Result of examinations Part B submission of 120559035 / MKD00000 (16.7 W)

# 1 Listing of still affected satellite networks (based on the criteria provided in Annex 4 to Appendix 30B and based on the criteria provided in Resolution 170 (WRC-19))



# 2 Reference situation (current and updated) of still affected satellite networks



Notes:

1. The current reference situation values are included in the Appendix **30B** master database in the BR IFIC 3008 of 31.10.2023.

2. The updated reference situation values are those calculated *C/I* values at test points taking into account the interference contribution from the proposed allotment(s).

3. The single-entry reference situation is used only for identification of affected networks when the incoming network is submitted under Resolution **170 (WRC-19)**.

# 3 Potential reference situation of a new national allotment



Annex 3

Result of examinations Part B submission of 120559036 / BIH00000 (46.0 E)

# 1 Listing of still affected satellite networks (based on the criteria provided in Annex 4 to Appendix 30B and based on the criteria provided in Resolution 170 (WRC-19))



# 2 Reference situation (current and updated) of still affected satellite networks



Notes:

1. The current reference situation values are included in the Appendix **30B** master database in the BR IFIC 3008 of 31.10.2023.

2. The updated reference situation values are those calculated *C/I* values at test points taking into account the interference contribution from the proposed allotment(s).

3. The single-entry reference situation is used only for identification of affected networks when the incoming network is submitted under Resolution **170 (WRC-19)**.

# 3 Potential reference situation of a new national allotment



Annex 4

Result of examinations Part B submission of 120559037 / MDA00000 (75.1 W)

# 1 Listing of still affected satellite networks (based on the criteria provided in Annex 4 to Appendix 30B and based on the criteria provided in Resolution 170 (WRC-19))



# 2 Reference situation (current and updated) of still affected satellite networks



Notes:

1. The current reference situation values are included in the Appendix **30B** master database in the BR IFIC 3008 of 31.10.2023.

2. The updated reference situation values are those calculated *C/I* values at test points taking into account the interference contribution from the proposed allotment(s).

3 The single-entry reference situation is used only for identification of affected networks when the incoming network is submitted under Resolution **170 (WRC-19)**.

# 3 Potential reference situation of a new national allotment



Annex 5

Result of examinations Part B submission of 120559038 / SSD00000 (23.9 W)

# 1 Listing of still affected satellite networks (based on the criteria provided in Annex 4 to Appendix 30B and based on the criteria provided in Resolution 170 (WRC-19))



# 2 Reference situation (current and updated) of still affected satellite networks



Notes:

1. The current reference situation values are included in the Appendix **30B** master database in the BR IFIC 3008 of 31.10.2023.

2. The updated reference situation values are those calculated *C/I* values at test points taking into account the interference contribution from the proposed allotment(s).

3. The single-entry reference situation is used only for identification of affected networks when the incoming network is submitted under Resolution **170 (WRC-19)**.

# 3 Potential reference situation of a new national allotment



Annex 6

Result of examinations Part B submission of 120559039 / GEO00000 (78.0 E)

# 1 Listing of still affected satellite networks (based on the criteria provided in Annex 4 to Appendix 30B and based on the criteria provided in Resolution 170 (WRC-19))



# 2 Reference situation (current and updated) of still affected satellite networks



Notes:

1. The current reference situation values are included in the Appendix **30B** master database in the BR IFIC 3008 of 31.10.2023.

2. The updated reference situation values are those calculated *C/I* values at test points taking into account the interference contribution from the proposed allotment(s).

3. The single-entry reference situation is used only for identification of affected networks when the incoming network is submitted under Resolution **170 (WRC-19)**.

# 3 Potential reference situation of a new national allotment



Annex 7

Result of examinations Part B submission of 120559040 / HRV00000 (63.0 E)

# 1 Listing of still affected satellite networks (based on the criteria provided in Annex 4 to Appendix 30B and based on the criteria provided in Resolution 170 (WRC-19))



# 2 Reference situation (current and updated) of still affected satellite networks



Notes:

1. The current reference situation values are included in the Appendix **30B** master database in the BR IFIC 3008 of 31.10.2023.

2. The updated reference situation values are those calculated *C/I* values at test points taking into account the interference contribution from the proposed allotment(s).

3. The single-entry reference situation is used only for identification of affected networks when the incoming network is submitted under Resolution **170 (WRC-19)**.

# 3 Potential reference situation of a new national allotment



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