



## Radiocommunication Bureau (BR)

Circular Letter  
**CR/504**

17 April 2024

**To the Administrations of ITU Member States**

Subject: **WRC-23 decisions included in the Minutes of Plenary meetings**

The World Radiocommunication Conference, Dubai, 2023, (WRC-23), in adopting a partial revision of the Radio Regulations, took a number of decisions which do not appear in the Conference Final Acts, but are reflected in the minutes of WRC-23 Plenary meetings. The purpose of this Circular Letter is to gather and bring these decisions to the attention of administrations.

The Annex to this Circular Letter contains the compilation of the texts of these decisions, along with the references to the corresponding paragraphs in the documents containing the minutes of WRC-23 Plenary Meetings and to the documents for which agreement or endorsement of the Plenary was sought.

The Radiocommunication Bureau remains at the disposal of your Administration for any clarification it may require with respect to the subjects covered in this Circular Letter.

Mario Maniewicz  
Director

Annex: 1

**Distribution:**

- Administrations of ITU Member States
- Members of the Radio Regulations Board

ANNEX

Source document (Minutes of the Plenary)	Background of the Plenary decision	Plenary decision and associated text
<p>Document <a href="#">CMR23/523</a> – Minutes of the Eighth Plenary meeting</p>	<p>Document <a href="#">50</a> §§ 11.1 and 11.2 Approval of Document <a href="#">442</a>;</p>	<p><b>Issues related to the implementation of Resolution 559 (WRC-19)</b></p> <p>WRC-23 considered section 4.2 “Issues related to the implementation of Resolution <b>559 (WRC-19)</b>” of the Report of the Radio Regulations Board to WRC-23 on Resolution <b>80 (Rev.WRC-07)</b>. This section detailed the extensive efforts undertaken by the Radio Regulations Board, the 45 administrations that made submissions under Resolution 559, the administrations whose networks were potentially affected by these Resolution 559 submissions, ITU-R Working Party 4A and the Radiocommunication Bureau, in order to reach a point where the Resolution 559 Part B submissions from 41 administrations had successfully been published.</p> <p>In concluding this section of the report, the Board invited WRC-23 to endorse a list of measures adopted by the Board and implemented by the Bureau for the application of Resolution <b>559 (WRC-19)</b>. WRC-23 overwhelmingly accepted this invitation and endorsed these measures. Consequently, the entry into the List of RR Appendices <b>30</b> and <b>30A</b> of the assignments contained in those Resolution 559 Part B submissions, as published in the relevant Special Sections, has been confirmed.</p> <p>In addition, WRC-23 endorsed the Board’s invitation to urge administrations with Part A submissions received before 22 May 2020 to make all efforts to accommodate Resolution 559 submissions and to take into account the results of the Bureau’s review when preparing their Part B submissions.</p> <p>Finally, the Board invited WRC-23 to encourage administrations to cooperate and consider approaches such as those outlined in § 4.2.15 of the report in order to complete all of the remaining coordination cases. WRC-23 also endorsed that invitation and so encourages administrations.”</p> <p><i>Note from the Radiocommunication Bureau:</i> Below are the relevant parts of the Report of the Radio Regulations Board to WRC-23 on Resolution <b>80 (Rev.WRC-07)</b> (Document <a href="#">50</a>).</p>

Source document (Minutes of the Plenary)	Background of the Plenary decision	Plenary decision and associated text
		<p>“... 4.2.15 The Board also considered the following proposals from a group of administrations for three measures to facilitate the conclusion of pending coordination of Part B submissions forming part of the implementation of Resolution <b>559 (WRC-19)</b>:</p> <p>a) Under 4.1.1 b) of Appendix <b>30</b>, the coordination between a Res. <b>559</b> submission and an additional use network in Regions 1 and 3 would be deemed completed if their nominal orbital separation was equal to or greater than six degrees. In order to preserve the same level of protection for such cases of those Regions 1 and 3 additional use frequency assignments from incoming Article 4 submissions, the reference situation of those Regions 1 and 3 additional use frequency assignments would not be updated when the Res. <b>559</b> frequency assignments in the List are included in the Plans.</p> <p>b) Under 4.1.1 e) of Appendix <b>30</b>, the coordination between a Res. <b>559</b> submission and a non-planned FSS satellite network in Regions 2 or 3 would be deemed completed if their nominal orbital separation was equal to or greater than six degrees;</p> <p>c) Under 4.1.1 e) of Appendix <b>30</b>, for the coordination of a Res. <b>559</b> submission in respect of a non-planned FSS satellite network in Regions 2 or 3, the service area of the non-planned satellite network to be considered would be the one submitted that was situated on land and was within the – 3 dB antenna gain contour of that non-planned satellite network.</p> <p>... 4.2.23 The Board adopted several additional decisions that should be considered and endorsed by WRC-23.</p> <p><b>WRC-23 is invited to endorse the following measures adopted by the Board and the Bureau to implement Resolution 559 (WRC-19):</b></p> <ul style="list-style-type: none"> <li>the Bureau shall accept test points outside national territories in Part A submissions under Resolution <b>559 (WRC-19)</b> received before 22 May 2020 if they are the same as those found in the Appendices <b>30</b> and <b>30A</b> Plan frequency assignments and if a minimal ellipse cannot be generated over the entire territory of the submitting administration solely from test points on its national territory, noting that WRC-2000 approved the use of these points;</li> </ul>

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		<ul style="list-style-type: none"> <li>• the Bureau shall not update the EPM of these Res. 559 submissions at the time any of the Part B submissions received after 21 January 2020 that are associated with Part A submissions received before 22 May 2020 enter the List, if the EPM of these Res. 559 submissions are degraded by more than 0.45 dB below 0 dB, or if already negative, by more than 0.45 dB below that value;</li> <li>• With respect to coordination with frequency assignments in the Regions 1 and 3 Plan:             <ol style="list-style-type: none"> <li>1) When the EPM of an affected Plan frequency assignment becomes positive as a result of cancellation of a frequency assignment in the List, the Bureau shall determine if that affected Plan frequency assignment is still affected by the concerned Res. <b>559</b> submission. In case the Bureau reaches a favourable finding, coordination between the concerned Res. <b>559</b> submission and the affected Plan frequency assignment is no longer required on the condition that the Part B of the concerned Res. <b>559</b> submission is within the envelope of its Part A. The Bureau shall inform both administrations of its conclusions.</li> <li>2) In case a coordination agreement has not been obtained or an affected administration does not want the EPM of its Plan frequency assignment be updated, the Bureau could accept the Part B submission of the relevant Res. <b>559</b> submission. As such, when the concerned Res. <b>559</b> submission enters the List, the Bureau would insert a note indicating that an agreement shall be reached before the concerned frequency assignment is brought into use under Article 5 of Appendices <b>30/30A</b>. In such case, the interference from the relevant Res. <b>559</b> submission would not be taken into account in updating the EPM of concerned Plan frequency assignments.</li> <li>3) For cases where the space-to-Earth single-entry carrier-to-interference ratio is greater than 21 dB and the Earth-to-space single-entry carrier-to- interference ratio is greater than 30 dB, Res. 559 submissions and the corresponding Regions 1 and 3 Plan frequency assignments are considered compatible. In order to preserve the same level of protection for such compatible cases of those Regions 1 and 3 Plan frequency assignments from incoming Article 4 submissions, the reference situation of those Regions 1 and 3 Plan frequency assignments shall not be updated when the Res. 559 frequency assignments in the List are included in the Plans.</li> </ol> </li> <li>• With respect to coordination with frequency assignments in the original Region 2 Plan or pending Article 4 satellite networks in Region 2:             <ol style="list-style-type: none"> <li>1) In case a coordination agreement has not been obtained, the Bureau could accept the Part B submission of the relevant Res. <b>559</b> submission. As such, when the concerned Res. <b>559</b> submission enters the List, the Bureau</li> </ol> </li> </ul>

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		<p>would insert a note indicating that an agreement shall be reached before the concerned frequency assignment is brought into use under Article 5 of Appendices <b>30/30A</b>.</p> <p>2) Moreover, an affected administration could consider reducing the receiving sensitivity of its Article 4 satellite network when communicating the Part B in order to accommodate the Res. <b>559</b> submissions.</p> <p>3) In case of continuing disagreement, whenever an affected Article 4 satellite network enters the Region 2 Plan, the Bureau should review the coordination requirement. Should the examination result show that the Article 4 network is no longer affected, coordination between the concerned Res. <b>559</b> submission and the affected Article 4 network is no longer required and the Bureau will inform both administrations of its conclusions.</p> <ul style="list-style-type: none"> <li>• With respect to coordination with frequency assignments in the List or of pending Article 4 satellite networks in Regions 1 and 3: <ul style="list-style-type: none"> <li>1) Upon receipt of the coordination proposals, the affected administrations are urged to reply timely to the requesting Res. <b>559</b> administrations and endeavour to accommodate the Res. <b>559</b> submissions.</li> <li>2) In case of continuing disagreement, the Bureau should apply the course of action prescribed in footnote <i>7bis</i> of Article 4 of Appendix <b>30</b> and footnote <i>9bis</i> of Article 4 of Appendix <b>30A</b>, as appropriate, whenever an affected Article 4 network for additional use enters the List. Should the Bureau reach a favourable finding, coordination between the concerned Res. <b>559</b> submission and the affected Article 4 frequency assignment is no longer required and the Bureau will inform both administrations of its conclusions.</li> </ul> </li> <li>• With respect to coordination with frequency assignments in non-planned services and of Article 2A satellite networks: <ul style="list-style-type: none"> <li>1) Upon receipt of the coordination proposals, the affected administrations are urged to reply timely to the requesting Res. <b>559</b> administrations and endeavour to accommodate the Res. <b>559</b> submissions.</li> <li>2) In case of continuing disagreement, whenever an affected non-planned satellite network or Article 2A satellite network is recorded in the Master Register, the Bureau shall review the coordination requirement using the recorded characteristics. Should the Bureau reach a favourable finding, coordination between the concerned Res. <b>559</b> submission and the affected non-plan network or Article 2A network is no longer required and the</li> </ul> </li> </ul>

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		<p>Bureau will inform both administrations of its conclusions.</p> <ul style="list-style-type: none"> <li>• When examining Part B of submissions made in accordance with Resolution <b>559 (WRC-19)</b> in respect of BSS frequency assignments for additional uses in Regions 1 and 3, the affected test point of the additional use that is located inside the territory of the notifying administration of a submission under Resolution <b>559 (WRC-19)</b> should not be considered in formulating a finding:               <ol style="list-style-type: none"> <li>1) When the notifying administration of the Res. <b>559</b> submission explicitly indicates in the cover letter of its Part B submission that the reference situation of certain networks should not be updated because an agreement was obtained with the notifying administration(s) of those networks, the Bureau will not update the reference situation of the networks concerned, when entering frequency assignments of a Res. <b>559</b> submission in the List;</li> </ol> </li> <li>• When the Bureau is explicitly informed by the notifying administration of a Res. <b>559</b> submission that an agreement was reached with any other administration in order to ignore test points that are located on the territory of the latter administration and that will be degraded by the incoming Res. <b>559</b> submission, the Bureau will ignore those degraded test points in the examination of Part B of the Res. <b>559</b> submission. Such an agreement can also be provided by the other administration, but it has to be communicated to the Bureau at the latest before the start of the formal examination of the Part B submission.</li> </ul> <p><b>WRC-23 is further invited to urge administrations with Part A submissions received before 22 May 2020 to make all efforts to accommodate Res. 559 submissions and to take into account the results of the Bureau’s review when preparing their Part B submissions.</b></p> <p><b>WRC-23 is also invited to encourage administrations to cooperate and consider approaches such as those outlined in § 4.2.15 in order to complete all of the remaining coordination cases.</b></p> <p>...”</p>
<p>Document <a href="#">CMR23/523</a> – Minutes of the eighth Plenary meeting</p>	<p>§§18.1 and 18.2 Approval of Document <a href="#">409</a></p>	<p>In the application of footnotes RR Nos. <b>5.434</b> and <b>5.435B [5.36A12]</b>, the term “neighbouring countries” includes those countries of Region 1 which are neighbouring Region 2.</p>

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Document <a href="#">CMR23/524</a> – Minutes of the ninth Plenary meeting	§§ 3.1 and 3.2  Approval of Document <a href="#">436</a>	<p>At the ninth plenary meeting, in response to WRC-23 Agenda Item 1.8, it was decided to suspend any further action on Resolution <b>155 (Rev.WRC-19)</b> until decided by a future competent WRC. To this effect, a new item has been agreed by this conference to study, as a matter of urgency, necessary measures to facilitate the operation of earth stations on board unmanned aircraft used for control and non-payload communication operated in non-segregated airspace using satellite links by the aeronautical mobile satellite (route) service (AMS(R)S) in suitable frequency bands in order to decide on the appropriate course of action to be taken for WRC-31.</p> <p>WRC-23 instructs ITU-R to take necessary actions to implement this decision. Administrations are invited to contribute on the matter.</p>
Document <a href="#">CMR23/525</a> – Minutes of the Tenth Plenary meeting	§§ 3.1 and 3.2  Approval of Document <a href="#">485</a>	<p><b>Request from China to retain frequency assignments for CHINASAT-D-163E in the MIFR</b></p> <p>WRC-23 received a request from China to retain certain specific frequency assignments for the CHINASAT-D-163E satellite network in the Master International Frequency Register (MIFR). This details of case were considered by the Radio Regulations Board (Board) at its 88<sup>th</sup> meeting and from the information provided, the Board considered that the Bureau had acted correctly in the application of RR Nos. <b>11.44</b>, <b>11.44B</b> and <b>11.44B.2</b>, that the Administration of China had not acted in conformity with RR No. <b>11.44B.2</b> and that the reinstatement of frequency assignments that did not comply with RR No. <b>11.44B.2</b> would be contrary to the WRC-15 decision and the provisions of the Radio Regulations. Consequently, the Board concluded that it could not accede to the request from the Administration of China and instructed the Bureau to suppress the frequency assignments to the CHINASAT-D-163E satellite network from the MIFR, except for the frequency assignments to the CHINASAT-D-163E satellite network in the frequency bands 3 400-4 200 MHz, 5 850-6 725 MHz, 12.250-12.750 GHz and 14.000-14.500 GHz, for which the suppression was to be deferred until the end of WRC-23.</p> <p>Document 485 was <b>approved</b>.</p> <p>“ ...</p> <p>From the input proposal to this WRC it was recognized that during the 7-year period of the CHINASAT-D-163E (163° E) satellite network, China submitted information required for advance publication, coordination and notification and the Resolution <b>49 (Rev.WRC-19)</b> information. Within 30 days after the relevant satellites had been in orbit for a continuous period of 90 days, the information regarding the bringing into use of the frequency assignments and the Resolution <b>40 (Rev.WRC-19)</b> information was notified, in a timely manner.</p>

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		<p>However, considering that an in-orbit malfunction had occurred requiring the APSTAR-6 satellite to be deorbited a few months before the notification information was submitted, the Board concluded that the suppression of relevant frequency assignments to the CHINASAT-D-163E satellite network was to be deferred until the end of WRC-23.</p> <p>In considering this request, WRC-23 considered that the Board had acted correctly at its 88<sup>th</sup> meeting. In addition, it was recognized that China has made great efforts to complete the required coordination for the satellite networks at 163° E and successfully reached coordination agreements with a number of administrations, especially with key satellite networks adjacent to the 163° E orbital slot, such as satellite networks of the Administrations of Japan, at 162° E, and Australia, at 164° E, with only one degree of orbital separation. In addition, it was noted that the CHINASAT 19 satellite was successfully launched on 5 November 2022 and located around 163° E on 12 November. The characteristics of the frequency assignments to the CHINASAT-D-163E satellite network have been updated, compared with those already recorded in the Master Register at 163° E, in order to adapt to and support the next-generation broadband communications satellite CHINASAT 19, and the satellite has been in operation after completing in-orbit testing and no difficulties have been indicated by any other administration in respect of coordination or interference with the operation of this satellite.</p> <p>Australia raised the issue that some of Australia’s networks may be affected, however, in discussions with China these matters were resolved to the satisfaction of both parties.</p> <p>Other administrations reviewed the matter and expressed support for retention in the MIFR of the CHINASAT-D-163E satellite network.</p> <p>Considering all of this information, WRC-23 agreed to the request from China to retain in the MIFR the frequency assignments to the CHINASAT-D-163E satellite network in the frequency bands 3 400-4 200 MHz, 5 850-6 725 MHz, 12.25-12.75 GHz and 14-14.5 GHz.”</p>
<p>Document <a href="#">CMR23/526</a> – Minutes of the</p>	<p>§§ 2.1 and 2.2 Approval of Document <a href="#">497</a></p>	<p><b>Best practices for ITU-R studies relevant to WRC agenda items</b></p>



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Eleventh Plenary meeting		<p>WRC-23 considered:</p> <ul style="list-style-type: none"><li>a) that it is necessary to have agreed sharing and compatibility assumptions, protection criteria, sharing scenarios and methodology process at an early stage of ITU Radiocommunication Sector (ITU-R) studies relevant to world radiocommunication conference (WRC) agenda items in order to initiate such ITU-R studies;</li><li>b) that ITU-R studies on sharing and compatibility relevant to WRC agenda items using different assumptions and input parameters may lead to divergent results;</li><li>c) that it is difficult or impractical for ITU-R working parties or task groups responsible for preparing the ITU-R studies relevant to WRC agenda items to properly reflect results of such studies in regard to methods to satisfy the agenda items of WRCs;</li><li>d) that it is beneficial to take into account any sharing and compatibility studies carried out in previous cycles, to avoid repeating studies previously performed,</li></ul> <p style="text-align: center;"><i>and decided to instruct the Director of the Radiocommunication Bureau</i></p> <p>to bring the following best practices to the attention of the first session of the Conference Preparatory Meeting (CPM), ITU-R working parties that are either responsible for or contributing to studies relevant to WRC agenda items, and the next Radiocommunication Assembly for its work on Resolution ITU-R 2:</p> <ul style="list-style-type: none"><li>1 to define (by the CPM or responsible group, as appropriate) the date by which ITU-R contributing groups should provide technical and operational characteristics and any associated protection criteria needed relevant to</li></ul>

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		<p>their incumbent services to be used for sharing and compatibility studies requested by resolves parts of supporting resolutions of a WRC agenda item at their initial meetings of the WRC study cycle;</p> <p>2 to define the date by which the responsible ITU-R group should agree on a methodology for conducting sharing studies defining the input parameters and modelling scenarios to be utilized;</p> <p>3 to set to the fullest extent possible within the responsible ITU-R group the criteria, assumptions, sharing methodologies and simulation processes to be used for sharing and compatibility studies;</p> <p>4 to ensure that the ITU-R studies relevant to WRC agenda items are based on ITU-R Recommendations in force, input contributions and real-world measurements where feasible, evaluate realistic sharing scenarios and use real-system values and refer to best practices;</p> <p>5 to respect the established deadlines, to the extent possible, in order to facilitate the development of sharing and compatibility studies relevant to WRC agenda items, given the need to have sufficient time to perform studies using agreed parameters and methodology.</p>
<p>Document <a href="#">CMR23/526</a> – Minutes of the Eleventh Plenary meeting</p>	<p>§§ 2.1 and 2.2 Approval of Document <a href="#">497</a></p>	<p><b>Implementation of RA-23 Resolution ITU-R 74</b></p> <p>WRC-23 invites Member States to actively participate in the implementation of Resolution ITU-R 74 (RA-23) by submitting contributions to concerned ITU-R study groups and supporting associated technical activities to ensure the rational, equitable, efficient and economical use of the radio-frequency spectrum and associated orbit resources, with a focus on non-GSO satellite systems including the compatibility among systems.</p>
<p>Document <a href="#">CMR23/526</a> – Minutes of the Eleventh Plenary meeting</p>	<p>§§ 2.1 and 2.2 Approval of Document <a href="#">497</a></p>	<p><b>Technical studies on epfd limits for the continued protection of GSO FSS and BSS networks</b></p> <p>WRC-23 invites ITU-R to conduct technical studies on the epfd limits in Article 22, including the epfd limits referred to in No. 22.5K, in order to ensure the continued protection of GSO FSS and BSS networks, and to inform WRC-27 of the results of the studies, without any regulatory consequences. This work should not be submitted under Agenda Item 9.1.</p>

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Document <a href="#">CMR23/527</a> – Minutes of the twelfth Plenary meeting	§§ 2.1 and 2.2  Approval of Document <a href="#">476</a>	In the application of footnotes RR Nos. <b>5.429G [5.A12]</b> , <b>5.429D</b> , RR No. <b>4.8</b> applies. The radiolocation service operating in the countries of Region 1, which are neighbouring to Region 2, has the same regulatory status in relation to the mobile service of Region 2 as the radiolocation service in Region 2. The term “neighbouring countries” mentioned in footnote RR No. <b>5.429D</b> includes those countries of Region 1 which are neighbouring Region 2.
Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 5.1 and 5.2  Approval of Document <a href="#">486</a>	<p><b>Processing of the Part B submissions for the allotments from seven new Member States*</b></p> <ol style="list-style-type: none"> <li>1) The frequency assignments in a Part B submission for the new allotment can be included into the RR Appendix <b>30B</b> List even if a national allotment of another administration is identified as affected.</li> <li>2) In updating the reference situation of the affected assignments or allotments for which a coordination agreement has been obtained, the proposed new allotments shall not be taken into account.</li> </ol> <p>WRC-23 approved the entry into the FSS Plan of the seven allotments of the new Member States based on the fact that:</p> <ol style="list-style-type: none"> <li>1) The administrations requesting these new allotments have obtained agreements from all possibly affected administrations except the agreement for two allotments from the Administration of the Russian Federation.</li> <li>2) The Administration of North Macedonia and the Administration of Bosnia and Herzegovina requested the application of § <b>6.25</b> of Appendix <b>30B</b> with respect to the affected networks of the Administration of the Russian Federation whose agreement has not been obtained.</li> </ol> <p><i>*Note: The seven new ITU Member states are: Bosnia and Herzegovina, Croatia (Republic of), Georgia, North Macedonia (Republic of), Moldova (Republic of), Serbia (Republic of) and South Sudan (Republic of).</i></p>
Document <a href="#">CMR23/528</a> – Minutes of the	§§ 13.4 and 13.5  Approval of Document <a href="#">494</a>	<p><b>Issues related to the extension of time-limits for bringing into use or bringing back into use a frequency assignment</b></p> <p>WRC-23 confirms that, while each case is considered on its merits, providing the following information facilitates the consideration of a request for extension of the regulatory time-limit due to <i>force majeure</i> by the Board:</p>

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<p><b>Thirteenth Plenary meeting</b></p>		<ul style="list-style-type: none"> <li>– a summary description of the satellite to be launched, including the frequency bands;</li> <li>– the name of the manufacturer selected to build the satellite and the contract signature date;</li> <li>– the status of the satellite construction before the <i>force majeure</i> event, including the date it began and whether it was expected to be completed prior to the initial launch window;</li> <li>– the name of the launch service provider and the contract signature date;</li> <li>– the efforts and measures taken or envisaged to avoid missing the deadline, to overcome the difficulties faced and to reduce the project timelines, if possible, with supporting evidence by the satellite manufacturer and/or launch service provider as appropriate;</li> <li>– detailed rationale and assessment against all four conditions of <i>force majeure</i>:               <ol style="list-style-type: none"> <li>1 the event must be beyond the control of the obligor;</li> <li>2 the event constituting <i>force majeure</i> must be unforeseen or, if it was foreseeable, must be inevitable or irresistible;</li> <li>3 the event must make it impossible for the obligor to perform its obligation;</li> <li>4 a causal effective connection must exist between the event constituting <i>force majeure</i> and the failure by the obligator to fulfil the obligation.</li> </ol> </li> <li>– the initial and revised project milestones for the construction, launch window, launch and orbit raising of the satellite, as well as relocation and in-orbit testing timelines when the satellite is not directly launched in its nominal orbital position or its non-geostationary satellite orbit;</li> <li>– a detailed rationale for the length of the extension requested, including a breakdown of the nature and extent of the delay experienced so far, the additional delay projected by the manufacturer and launch service provider, and any planned contingency;</li> <li>– any other relevant information and documentation.</li> </ul> <p>WRC-23 also confirms the Board’s approach with respect to contingency periods in the determination of the length of an extension in cases of <i>force majeure</i>.</p>

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		<p>WRC-23 also noted that the Board is now examining how all four conditions of <i>force majeure</i> are met on a case-by-case basis when the COVID-19 pandemic is invoked as the <i>force majeure</i> event.</p> <p>WRC-23 instructs the Board to reflect the above-confirmations in the RoP concerning the extension of the regulatory time-limit for bringing into use satellite assignments.</p>
<p><b>Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting</b></p>	<p><b>§§ 13.6 and 13.7 Approval of Document <a href="#">494</a></b></p>	<p>WRC-23 confirms that the WRC-19 decision for the provision of information as required when dealing with a request for extension of regulatory time-limits due to co-passenger delay should be revised as shown below:</p> <ul style="list-style-type: none"> <li>– a summary description of the satellite to be launched, including the frequency bands;</li> <li>– the name of the manufacturer selected to build the satellite and the contract signature date;</li> <li>– the status of the satellite construction, including the date it began and whether it was expected to be completed prior to the initial launch window;</li> <li>– the name of the launch service provider and the contract signature date;</li> <li>– the initial and revised project milestones for the launch window, launch and orbit raising of the satellite, as well as relocation and in-orbit testing timelines when the satellite is not directly launched in its nominal orbital position or its non-geostationary satellite orbit;</li> <li>– sufficient detail to justify that the request for extension is due to co-passenger delay (e.g. a letter from the launch service provider indicating that the launch is delayed because of a delay affecting the co-passenger satellite);</li> <li>– a detailed rationale for the length of the extension requested, including a breakdown of the nature and extent of the delay experienced so far, the additional delay projected by the launch service provider, and any planned contingency, and</li> <li>– any other relevant information and documentation.</li> </ul> <p>WRC-23 instructs the Board to reflect the above-confirmation in the RoP concerning the extension of the regulatory time-limit for bringing into use satellite assignments.</p>

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Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 13.8 and 13.9 Approval of Document <a href="#">494</a>	WRC-23 reiterates its invitation to ITU-R to study the matter of requests for extensions of regulatory time limits from developing countries that do not qualify as cases of <i>force majeure</i> or co-passenger delay and to develop the specific criteria and conditions upon which the Board could consider granting an extension of the regulatory time-limit to a developing country for consideration at a future competent WRC.
Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 13.10 and 13.11 Approval of Document <a href="#">494</a>	<p><b>Issues related to the Article 7 procedure of Appendix 30B</b></p> <p>“WRC-23 urges administrations with Appendix <b>30B</b> Part A submissions received before 12 March 2020 to make all efforts to accommodate Article 7 submissions of other administrations and to take into account the results of the analyses of the Bureau and the measures to avoid further degradation of the <i>C/I</i> levels when preparing their Part B submissions.</p> <p>WRC-23 instructed the Bureau to contact the additional seven countries (Eritrea, Estonia, Latvia, Saint Lucia, Tajikistan, Timor-Leste and Turkmenistan) and the State of Palestine which still have no allotment in the Appendix <b>30B</b> Plan and to identify orbital resources should they wish to initiate the process under Article 7.”</p>
Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 13.12 and 13.13 Approval of Document <a href="#">494</a>	<p><b>Long-term protection of the Plans</b></p> <p>“While some of the issues raised in section 4.6.3 of the Report of the RRB, Document 50, were considered in WRC-23, WRC-23 instructs ITU-R to further study these issues under the standing WRC Agenda Item 7, and report to WRC-27 on any required measures to enhance the protection of AP<b>30/30A</b> in Regions 1 and 3 as well as long-term protection of AP<b>30B</b>, while taking into account the usability and access by developing countries in the associated frequency bands.”</p>
Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 13.14 and 13.15 Approval of Document <a href="#">494</a>	<p><b>Issues related to Resolution 40</b></p> <p>WRC-23 instructs ITU-R to study, for consideration at a future competent WRC, possible measures to restrain the use of the same satellite or different satellites to repeatedly bring into use and bring back into use the same frequency assignments of a satellite network or system for a short period of time. It was recognized that such study and related</p>

Source document (Minutes of the Plenary)	Background of the Plenary decision	Plenary decision and associated text
		issues including the capability in RR No. <b>11.44B</b> raised during WRC-23 could be conducted under the standing WRC Agenda Item 7.
Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 13.16 and 13.17  Approval of Document <a href="#">494</a>	<b>Issues related to the bringing into use of non-GSO networks</b>  WRC-23 instructs ITU-R to study possible measures to limit the practice of introducing a completely different orbital plane that is not foreseen to be required for operation of the constellation in order to satisfy requirements to bring or bring back into use frequency assignments, while at the same time recognizing that this issue is connected to Agenda Item 7, Topic A, that is being addressed at this WRC.
Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 13.18 and 13.19  Approval of Document <a href="#">494</a>	<b>Long-term sustainability and equitable access and rational use of the non-GSO orbit/spectrum resources</b>  In response to the content of section 4.13 of this Board Report on “Long-term sustainability and equitable access and rational use of the non-GSO orbit/spectrum resources”, WRC-23 recognized the relevance of the matters raised by the RRB, and also a recent decision from the Radiocommunication Assembly 2023 (RA-23) which approved a new Resolution ITU-R 74 on “Activities related to the sustainable use of radio-frequency spectrum and associated satellite-orbit resources used by space services”;  In this regard WRC-23 recognized the decision made by RA-23 on the approval of Resolution ITU-R 74, and the need for the outputs from ITU-R expected by this Resolution as a matter of urgency.
Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting	§§ 13.20 and 13.21  Approval of Document <a href="#">494</a>	<b>Recording of frequency assignments to satellite networks and systems under No. 4.4</b>  WRC-23 discussed the use of RR No. <b>4.4</b> raised in section 4.14 of the Report “Recording of frequency assignments to satellite networks and systems under No. <b>4.4</b> ” and confirmed “that frequency assignments recorded under RR No. <b>4.4</b> are not entitled to protection from harmful interference from other frequency assignments recorded under RR No. <b>4.4</b> ”.  The international rights and obligations of administrations in respect of their own frequency assignments and other administrations frequency assignments are defined in Article <b>8</b> as well as other provisions of the RR. See also Article <b>8</b> of the RR.

Source document (Minutes of the Plenary)	Background of the Plenary decision	Plenary decision and associated text
		<p>In order to increase the transparency, WRC-23 instructs the Bureau to insert the indication of the frequency assignment submission under RR No. <b>4.4</b> at the Summary Table of the Special Section or Part. In addition, to facilitate information sharing, WRC-23 instructs the Radiocommunication Bureau (BR) to make any information it may have regarding notification and bringing into use of frequency assignments under RR No. <b>4.4</b> available in an easily accessible format, such as publishing it in BR's website and implementing a new filter option in the ITU Space Explorer Data Analytics tool. The shared information could include a list of filings that are using RR No. <b>4.4</b> as well as historical data, including the date of receipt of these assignments. In addition, BR is also instructed to periodically inform administrations on the updated information regarding notification and bringing into use of frequency assignments under RR No. <b>4.4</b> made available by BR in its website and to invite the notifying administrations to take steps to cancel the RR No. <b>4.4</b> assignments if no longer in use.</p> <p>WRC-23 urges administrations when using frequency assignments under RR No. <b>4.4</b> to fully comply with the objectives and purpose of this provision, including the RoP related to RR No. <b>4.4</b>.</p>
<p><b>Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting</b></p>	<p><b>§§ 14.2 and 14.3 Approval of Document <a href="#">495</a></b></p>	<p>WRC-23 revised RR No. <b>21.16.6</b> and instructs the Bureau to issue qualified favourable findings under RR Nos. <b>9.35/11.31</b> when examining compliance of frequency assignments to non-GSO FSS satellite systems with RR Article <b>21</b> pfd limits applicable in the frequency band 17.7-19.3 GHz if the notifying administration requested it to do so. WRC-23 determined that this practice would also apply to non-GSO FSS satellite systems for which coordination requests have been received from 16 December 2023 until the entry into force of the Final Acts of WRC-23. WRC-23 also instructs the Bureau to review these findings, as well as those issued from 23 November 2019 until the last day of WRC-23, once the pfd examination software incorporates the decision of WRC-23 on No. <b>21.16.6</b>. See also Document <a href="#">420</a>.</p>



Source document (Minutes of the Plenary)	Background of the Plenary decision	Plenary decision and associated text
<p>Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting</p>	<p>§§ 14.4 and 14.5 Approval of Document <a href="#">495</a></p>	<p>WRC-23 considered section 3.3.3 of the Report “Resolution <b>35 (WRC-19)</b>”, and its associated sub-sections, of the Report and agreed to the following course of action for the issues raised:</p> <p>As regards sub-section 3.3.3.2 and <i>resolves</i> 11 of Resolution <b>35 (WRC-19)</b>, WRC-23 instructs the Bureau to reflect the aspect of implementation of <i>resolves</i> 11 of Resolution <b>35 (WRC-19)</b> described in this section of the Report in a Rule of Procedure with a view to include this issue in the Director’s Report to WRC-27.</p> <p>As regards sub-section 3.3.3.3, concerning changes to orbital parameters in accordance with <i>resolves</i> 14, WRC-23 decided that further study of the issues raised are needed before the clarification requested in the Report can be provided.</p> <p>As regards sub-section 3.3.3.4 and <i>resolves</i> 17 b) of Resolution <b>35 (WRC-19)</b>, WRC-23 noted the Bureau’s course of action in implementing <i>resolves</i> 17 of Resolution <b>35 (WRC-19)</b> and calls for study of the issue raised in this section.</p> <p>In addition to the above point, WRC-23 agreed specific revisions to Resolution <b>35 (WRC-19)</b>. See also Document <a href="#">422</a>.</p>
<p>Document <a href="#">CMR23/528</a> – Minutes of the Thirteenth Plenary meeting</p>	<p>§§ 15.1 and 15.2 Approval of Document <a href="#">496</a></p>	<p><b><i>Delays in fulfilling the application of assistance procedures under Appendices 30/30A or Appendix 30B due to communication difficulties with some administrations</i></b></p> <p>“WRC-23 instructs the Bureau to apply the same course of action as adopted for Topic H of Agenda Item 7 by WRC-23 with regard to the “officially unreachable” administrations referred to in section 3.2.4.2 of Addendum 2 to Document 4 (Part II of Report of the Director to WRC-23).”</p> <p>“With regard to administrations with affected assignments in the Appendices <b>30</b> and <b>30A</b> Plan and/or affected allotments in the Appendix <b>30B</b> Plan that have not replied to the second reminder of the Bureau referred to in § 4.1.10c of Appendices <b>30</b> and <b>30A</b> and/or § 6.14<i>bis</i> of Appendix <b>30B</b>, as appropriate, WRC-23 urges the notifying administrations of Part B submissions, with the assistance of the Bureau, to exercise their utmost effort to avoid degrading the reference situation of the assignments/allotments concerned in the Appendices <b>30</b> and <b>30A</b> Plans and Appendix <b>30B</b> Plan by modifying technical characteristics at the Part B stage.”</p>

Source document (Minutes of the Plenary)	Background of the Plenary decision	Plenary decision and associated text
		<p><b>Resolution 170 (WRC-19) relating to the generation of minimum coverage</b></p> <p>“WRC-23 also instructs the Bureau to align the Rule of Procedure on Resolution <b>170 (WRC-19)</b> with the relevant decisions of the conference related to the modifications to Appendices <b>30A</b> and <b>30B</b> adopted to address Agenda Item 7, Topic F.”</p> <p><b>Implementation of modifications to Appendix 30A and Appendix 30B</b></p> <p>“WRC-23 instructs the Bureau, when receiving a request for assistance from the notifying administrations of national or regional systems in relation to frequency coordination with affected administrations:</p> <ul style="list-style-type: none"> <li>– to assist in preparation of necessary material including but not limited to <i>C/I</i> calculations, interference analysis and link budget calculations.</li> <li>– to participate in such coordination meetings in order to provide support and facilitate technical discussions/negotiations.”</li> </ul>
<p><b>Document <a href="#">CMR23/528</a> – Minutes of the thirteenth Plenary meeting</b></p>	<p><b>§§ 25.1 and 25.2 Approval of Document <a href="#">465</a></b></p>	<p>WRC-15, WRC-19 and WRC-23 could not reach agreement on the issue of the need for protection and the associated conditions of AMS/MMS stations operation in international airspace and waters in the 4 800-4 990 MHz band from IMT stations operating on national territories. Due to diverging views with regard to the relevance of a pfd criterion to protect AMS/MMS, its value, conditions and the frequency band for its application, no solution could be reached to resolve this issue and therefore the conference decided to keep the regulatory and technical conditions in No. <b>5.441B</b> unchanged. The conference also decided not to continue further studies in this regard.</p>