



SUMMARY OF DECISIONS
OF THE
92ND MEETING OF THE RADIO REGULATIONS BOARD

20–24 March 2023

Present:

Members, RRB

Mr E. AZZOUC, Chairman

Mr Y. HENRI, Vice-Chairman

Mr A. ALKAHTANI, Ms C. BEAUMIER, Mr J. CHENG, Mr M. DI CRESCENZO, Mr E.Y. FIANKO, Ms S. HASANOVA, Mr A. LINHARES DE SOUZA FILHO, Ms R. MANNEPALLI, Mr R. NURSHABEKOV, Mr H. TALIB,

Executive Secretary, RRB

Mr M. MANIEWICZ, Director, BR

Précis-writers

Ms C. RAMAGE and Ms S. MUTTI

Also present:

Ms J. WILSON, Deputy Director, BR and Chief IAP

Mr A. VALLET, Chief, SSD

Mr X. LAURENSEN, acting Head, SSD/SPR

Mr M. SAKAMOTO, Head, SSD/SSC

Mr J. WANG, Head, SSD/SNP

Mr N. VASSILIEV, Chief, TSD

Mr B. BA, Head, TSD/TPR

Mr K. BOGENS, Head, TSD/FMD

Ms I. GHAZI, Head, TSD/BCD

Mr D. BOTHA, SGD

Ms K. GOZAL, Administrative Secretary

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1	Opening of the meeting	<p>The interim Chairman, Mr E. AZZOUZ, welcomed the members of the Board to the 92nd meeting and congratulated them on their election or re-election to the Board and the Director of the Radiocommunication Bureau on his re-election.</p> <p>The Director of the Radiocommunication Bureau, Mr M. MANIEWICZ, on behalf of the Secretary-General, Ms D. BOGDAN-MARTIN, also welcomed the members of the Board and congratulated them on their election or re-election. He wished the Board a successful meeting.</p>	-
2	Election of the Chairman and Vice-chairman for 2023	<p>In conformity with CV 144, the Board decided to elect Mr E. AZZOUZ as Chairman and Mr Y. HENRI as Vice-Chairman of the Board for 2023.</p> <p>The Board further elected Mr Y. HENRI as Chairman and Ms S. HASANOVA as Vice-Chairman of the Working Group on Rules of Procedure, and Ms C. BEAUMIER as Chairman of the Working Group on the Report on Resolution 80 (Rev. WRC-07).</p>	-
3	Adoption of the agenda RRB23-1/OJ/1(Rev.1) ; RRB23-1/DELAYED/2 ; RRB23-1/DELAYED/3 ; RRB23-1/DELAYED/4 ; RRB23-1/DELAYED/5 ; RRB23-1/DELAYED/6 ; RRB23-1/DELAYED/7 ; RRB23-1/DELAYED/8	<p>The draft agenda was adopted as amended in Document RRB23-1/OJ/1(Rev.1). The Board decided to consider Document RRB23-1/DELAYED/1 under agenda item 7.2. It further decided to defer consideration of Documents RRB23-1/DELAYED/2, RRB23-1/DELAYED/3, RRB23-1/DELAYED/4, RRB23-1/DELAYED/5 and RRB23-1/DELAYED/7 to its 93rd meeting, as those submissions had not been received in conformity with No. 1.6 of Part C of the Rules of Procedure on the internal arrangements and working methods of the Radio Regulations Board. The Board also decided to defer consideration of Documents RRB23-1/DELAYED/6 and RRB23-1/DELAYED/8 to its 93rd meetings as those documents had been received in response to Documents RRB23-1/DELAYED/4 and RRB23-1/DELAYED/3, respectively. The Board instructed the Bureau to add those deferred documents to the agenda of its 93rd meeting.</p>	<p>Executive Secretary to communicate this decision to the administrations concerned.</p> <p>Bureau to add the deferred documents to the agenda of 93rd Board meeting.</p>

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4	<p>Report by the Director, BR RRB23-1/6(Rev.1); RRB23-1/6(Add.1); RRB23-1/6(Add.2); RRB23-1/6(Add.3); RRB23-1/6(Add.4); RRB23-1/6(Add.5); RRB23-1/6(Add.6); RRB23-1/6(Add.7); RRB23-1/6(Add.8); RRB23-1/6(Add.9); RRB23-1/6(Add.10)</p>	<p>The Board considered in detail the Report of the Director of the Radiocommunication Bureau, as contained in Document RRB23-1/6(Rev.1) and its addenda. It thanked the Bureau for the extensive and detailed information provided.</p> <p>a) The Board noted § 1 and Annex 1 to Document RRB23-1/6(Rev.1), on actions arising from the decisions of the 91st Board meeting.</p> <p>b) The Board noted § 2 of Document RRB23-1/6(Rev.1), on the processing of filings for terrestrial and space systems.</p> <p>c) The Board noted §§ 3.1 and 3.2 of Document RRB23-1/6(Rev.1), on late payments and Council activities, respectively, with regard to the implementation of cost recovery for satellite network filings.</p> <p>d) The Board noted § 4.1 of Document RRB23-1/6(Rev.1), containing statistics on harmful interference and infringements of the Radio Regulations.</p> <p>e) The Board considered in detail § 4.2 of Document RRB23-1/6(Rev.1) and Addenda 2, 3 and 5 thereto, on harmful interference to broadcasting stations in the VHF/UHF bands between Italy and its neighbouring countries. The Board noted with satisfaction the considerable progress in resolving cases of harmful interference relating to television broadcasting stations, resulting in very few cases remaining to be resolved, and expressed its gratitude to the Administration of Italy and the neighbouring administrations for their efforts in that regard.</p> <p>However, based on the reports from neighbouring countries of Italy, the Board again regretted the severe lack of progress towards resolving cases of harmful interference to digital audio broadcasting stations and the very long-standing cases involving FM sound</p>	<p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>Executive Secretary to communicate this decision to the administrations concerned.</p> <p>Bureau to:</p> <ul style="list-style-type: none"> continue providing assistance to the administrations concerned;

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		<p>broadcasting stations. The Board strongly urged the Administration of Italy to take all necessary measures to eliminate harmful interference to the digital audio broadcasting and FM sound broadcasting stations of its neighbouring countries, focusing on the priority list of FM sound broadcasting stations. Furthermore, the Board reiterated its request to the Administration of Italy that it provide a detailed action plan for implementation of the activities of the recently established Working Group on the FM frequency band, with clearly defined milestones and timelines, that it give a firm commitment for its implementation and that it report to the Board on progress on its implementation. The Board invited the administrations concerned to participate actively in the annual coordination meeting scheduled for June 2023.</p> <p>The Board expressed its appreciation to the Bureau for the support provided to the administrations concerned and instructed the Bureau to:</p> <ul style="list-style-type: none"> • continue providing assistance to the administrations concerned; • report on progress on the matter to the next Board meeting. 	<ul style="list-style-type: none"> • report on progress on the matter to the next Board meeting.
		<p>f) The Board noted § 5 of Document RRB23-1/6(Rev.1), on the implementation of Nos. 9.38.1, 11.44.1, 11.47, 11.48, 11.49, 13.6 and Resolution 49 (Rev.WRC-19) of the Radio Regulations.</p>	-
		<p>g) The Board noted § 6 of Document RRB23-1/6(Rev.1), on the review of findings to frequency assignments to non-GSO FSS satellite systems under Resolution 85 (WRC-03) and instructed the Bureau to highlight modifications received to satellite system filings in Table 8 (“Status of Article 22 EPFD review”) of future reports.</p>	<p>Bureau to highlight modifications received to satellite system filings in Table 8 (“Status of Article 22 EPFD review”) of future reports.</p>

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		<p>h) The Board noted § 7 of Document RRB23-1/6(Rev.1), on progress towards implementation of Resolution 35 (WRC-19), and instructed the Bureau to:</p> <ul style="list-style-type: none"> • continue reporting to future Board meetings on progress towards implementation of Resolution 35 (WRC-19); • add the frequency bands used by each satellite system to Table 9 (“Status of Resolution 35 submissions”). 	<p>Bureau to:</p> <ul style="list-style-type: none"> • continue reporting to future Board meetings on progress towards implementation of Resolution 35 (WRC-19); • add the frequency bands used by each satellite system to Table 9 (“Status of Resolution 35 submissions”).
		<p>i) The Board also noted with appreciation § 8 of Document RRB23-1/6(Rev.1), reporting on the statistics submitted on Resolution 40 (Rev.WRC-19) and the additional information requested during its 91st meeting. The Board instructed the Bureau to include in the relevant table the initial date of bringing into use of satellite networks that had been brought into use or brought back into use repeatedly.</p>	<p>Bureau to include in the relevant table the initial date of bringing into use of satellite networks that had been brought into use or brought back into use repeatedly.</p>
		<p>j) The Board noted with satisfaction Addendum 1 to Document RRB23-1/6(Rev.1), reporting on the successful conclusion of the discussions between the Administrations of Saudi Arabia and Türkiye, which resulted in a signed frequency coordination agreement for the ARABSAT and TURKSAT satellite networks at the orbital positions 30.5°E and 31°E. The Board expressed its gratitude to the two administrations for their cooperation and goodwill in achieving a</p>	<p>Executive Secretary to communicate this decision to the administrations concerned.</p>

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		<p>favourable outcome and to the Bureau for its support to the two administrations during their negotiations.</p>	
		<p>k) The Board considered Addendum 4 to Document RRB23-1/6(Rev.1), reporting on progress in the implementation of Resolution 559 (WRC-19). The Board expressed its gratitude to the Southern African Development Community and the African Telecommunications Union for organizing two special events to assist administrations in preparing their corresponding Part B submissions and requests to WRC-23, and thanked the Bureau for also supporting administrations in those efforts. Furthermore, the Board instructed the Bureau to continue to support administrations' efforts and to report on progress at the 93rd Board meeting.</p>	<p>Bureau to continue to support administrations' efforts and to report on progress at the 93rd Board meeting.</p>
		<p>l) Having considered Addendum 7 to Document RRB23-1/6(Rev.1), reporting on the status of requests for new allotments under RR Appendix 30B, the Board expressed its appreciation for the Bureau's continued support to administrations making Article 7 requests. The Board thanked the Administration of India for having agreed to implement the measures proposed by the Bureau that resulted in reducing the aggregate <i>C/I</i> levels of the proposed allotment of the Administration of Croatia to below 0.25 dB. The Board decided to include in its report to WRC-23 on Resolution 80 (Rev.WRC-07) the fact that an additional seven administrations and the State of Palestine had no allotment in the RR Appendix 30B Plan. The Board instructed the Bureau to continue to provide support to administrations in their coordination efforts related to the implementation of decisions taken by the Board at its 89th meeting and to report on progress on the matter at its 93rd meeting.</p>	<p>Bureau to continue to provide support to administrations in their coordination efforts related to the implementation of decisions taken by the Board at its 89th meeting and to report on progress on the matter at its 93rd meeting.</p>
		<p>m) The Board considered Addendum 8 to Document RRB23-1/6(Rev.1), reporting on coordination activities between the Administrations of France and Greece concerning the satellite networks ATHENA-FIDUS-</p>	<p>Executive Secretary to communicate this decision to the</p>

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		<p>38E at 38°E and HELLAS-SAT-2G at 39°E and expressed its appreciation for the cooperation and goodwill of the administrations in their coordination efforts, and the planned objective to finalize a partial coordination agreement at their next meeting.</p> <p>The Board thanked the Bureau for its support to the two administrations in their coordination activities and instructed the Bureau to continue providing such support and to report on any progress to the next Board meeting.</p>	<p>administrations concerned.</p> <p>Bureau to continue providing support to the two administrations in their coordination activities and to report on any progress to the next Board meeting.</p>
		<p>n) The Board considered Addendum 9 to Document RRB23-1/6(Rev.1), reporting on the request for the extension of the period of operation of the ARABSAT-VB26E satellite network. The Board noted that:</p> <ul style="list-style-type: none"> • the request to extend the period of operation had been received 24 days after the regulatory deadline of 1 January 2023; • an operational satellite had brought into use the satellite network; • in previous similar cases, the Board had instructed the Bureau to continue with the practice of accepting requests and informing the Board accordingly. <p>Consequently, the Board endorsed the decision of the Bureau.</p>	<p>Executive Secretary to communicate this decision to the administration concerned.</p>
		<p>o) The Board considered in detail Addendum 10 to Document RRB23-1/6(Rev.1), proposing actions to be taken in relation to frequency assignments to stations located in certain areas for which the Administration of Georgia had objected to the application of RR Nos. 9.47 to 9.49. Given the specific situation and circumstances, the Board considered that the approach proposed by the Bureau was reasonable. Consequently, the Board endorsed the approach and instructed the Bureau to:</p> <ul style="list-style-type: none"> • accept the objection from the Administration of Georgia based on its current inability to exercise the provisions of Nos. 9.47 and 	<p>Bureau to follow the endorsed course of action.</p>

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		<p>9.49, or the provisions of Nos. 9.47, 9.48 and 9.49, provided that the objection was sent within the regulatory time-limit prescribed by No. 9.62;</p> <ul style="list-style-type: none"> • record the frequency assignments of the Administration of the Russian Federation under No. 11.41, if so requested; • apply the provisions of Nos. 9.47 and 9.49, or the provisions of Nos. 9.47, 9.48 and 9.49, should there be no reply within the regulatory period, since the inability to perform electromagnetic compatibility appraisals in the areas currently not under the control of Georgia did not prevent the Administration of Georgia from providing comments within the regulatory period. <p>Furthermore, the Board indicated that a similar approach could be taken for terrestrial services should the Bureau encounter the same situation in the application of RR No. 9.21, for which frequency assignments could be recorded under RR No. 11.31.1, if the Administration of the Russian Federation so requested.</p>	
5	Rules of Procedure		
5.1	List of Rules of Procedure RRB23-1/1; RRB20-2/1(Rev.8)	<p>Following a meeting of the Working Group on the Rules of Procedure, under the chairmanship of Mr Y. HENRI, the Board decided to review the list of proposed rules of procedure set out in Document RRB23-1/1, taking into account the progress made on the draft rules of procedure on Resolution 1 (Rev.WRC-97), RR No. 11.48 and the simultaneous bringing into use of several non-geostationary satellite systems with a single satellite.</p> <p>After having considered Addendum 6 to Document RRB23-1/6(Rev.1), proposing a modification to the rule of procedure on RR No. 11.48, consequently the Board instructed the Bureau to prepare similar draft</p>	<p>Executive Secretary to publish the list of proposed rules of procedure on the website.</p> <p>Bureau to prepare draft rules of procedure on relevant parts of RR Appendices 30, 30A and 30B and to circulate</p>

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		rules of procedure for RR Appendices 30, 30A and 30B , and to circulate those draft rules of procedure to administrations for comments and for consideration by the Board at its 93 rd meeting. The Board decided that no rules of procedure required inclusion in the Radio Regulations.	those draft rules of procedure to administrations for comments and for consideration by the Board at its 93 rd meeting.
6	Request for the cancellation of the frequency assignments to satellite networks under No. 13.6 of the Radio Regulations		
6.1	Request for a decision by the Radio Regulations Board for the cancellation of the frequency assignments to the SNUGLITE satellite network under No. 13.6 of the Radio Regulations RRB23-1/4	The Board considered the request by the Bureau for a decision on the cancellation of the frequency assignments to the SNUGLITE satellite network under RR No. 13.6 . The Board further considered that the Bureau had acted in accordance with RR No. 13.6 and had requested the Administration of the Republic of Korea to provide evidence as to whether the frequency assignments to the SNUGLITE satellite network had been brought into use or continued to be in use and to identify the actual satellite which was currently in operation, followed by two reminders, to which no response had been received. Consequently, the Board instructed the Bureau to cancel the frequency assignments to the SNUGLITE satellite network in the MIFR.	Executive Secretary to communicate this decision to the administration concerned. Bureau to cancel the frequency assignments to the SNUGLITE satellite network in the MIFR.
7	Issues and requests relating to the extension of regulatory time-limits to bring or to bring back into use frequency assignments to satellite networks		
7.1	Submission by the Administration of Cyprus requesting an extension of the regulatory time-limits to bring into use the frequency assignments to the CYP-30B-59.7E-3 satellite network and to bring back into use the frequency assignments to the CYP-30B-59.7E and CYP-30B-59.7E-2	The Board considered in detail the request from the Administration of Cyprus as contained in Document RRB23-1/8 and thanked the administration for providing the additional information requested at the 91 st Board meeting. The Board noted that: <ul style="list-style-type: none"> satellite construction had appeared to be on schedule at the start of the global COVID-19 pandemic; 	Executive Secretary to communicate this decision to the administration concerned.

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	satellite networks RRB23-1/8	<ul style="list-style-type: none"> • reasonable contingency had been built into the schedule to deal with manufacturing and launch delays; • the manufacturer had accumulated a seven-month delay due to the global COVID-19 pandemic and wildfires by March 2021; • a sub-contractor had issued a recall of the reaction wheels in April 2021 and replacement parts had only been delivered in July 2022; • the ongoing global COVID-19 pandemic had compounded the delays in replacing the defective components; • the satellite operator and the manufacturer could not have foreseen those delays and planned the necessary contingencies to compensate for the scope of the recall and its adverse impact on the availability of the OZVON 3 satellite; • the administration had made extensive efforts to find replacement parts or other in-orbit satellites. <p>Therefore, the Board concluded that the situation qualified as a case of <i>force majeure</i>. From the information provided, the Board considered that the satellite shipment date of 15 April 2023, the launch window of 1 July–30 September 2023 and the 158 days required for orbit raising justified a 12-month extension. Consequently, the Board decided to accede to the request from the Administration of Cyprus to extend the regulatory time-limits to bring into use the frequency assignments to the CYP-30B-59.7E-3 satellite network and to bring back into use the frequency assignments to the CYP-30B-59.7E and CYP-30B-59.7E-2 satellite networks, to 31 December 2023.</p>	
7.2	Submission by the Administration of the Islamic Republic of Iran requesting an extension of the regulatory time-limit to bring back into use the frequency	The Board considered Document RRB23-1/10, and Document RRB23-1/DELAYED/1 for information, containing a request from the Administration of the Islamic Republic of Iran to extend the regulatory	Executive Secretary to communicate this decisions to the

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	<p>assignments to the IRANSAT-43.5E satellite network RRB23-1/10; RRB23-1/DELAYED/1</p>	<p>time-limit to bring back into use the frequency assignments to the IRANSAT-43.5E satellite network. The Board noted:</p> <ul style="list-style-type: none"> the lack of detailed rationale and assessment to clearly demonstrate that all the conditions had been met for the situation to qualify as a case of <i>force majeure</i>; the difficulty, from the information provided, to link the embargo on the use of a Russian launch provider and its impact on the bringing back into use of the frequency assignments to the IRANSAT-43.5E satellite network; the lack of information on the long-term use of frequency assignments by the Administration of the Islamic Republic of Iran at 43.5°E; the fact that, based on the launch readiness certificate signed by the satellite manufacturer on 15 February 2023, the administration would have been unable to meet the launch schedule of 15 May to 15 July 2022 owing to the unavailability of the satellite. <p>Consequently, the Board concluded that the situation did not qualify as a case of <i>force majeure</i> and therefore decided that it could not accede to the request from the Administration of the Islamic Republic of Iran.</p>	<p>administration concerned.</p>
<p>7.3</p>	<p>Submission by the Administration of Indonesia requesting an extension of the regulatory time-limit to bring into use the frequency assignments to the NUSANTARA-H1-A satellite network RRB23-1/11</p>	<p>The Board considered in detail the request from the Administration of Indonesia as contained in Document RRB23-1/11 and noted that:</p> <ul style="list-style-type: none"> at its 91st meeting, the Board had granted an extension of the regulatory time-limit to bring into use the frequency assignments to the NUSANTARA-H1-A satellite network to 31 March 2023, as a case of co-passenger delay; the launch of the GS-1 satellite had once again been delayed by the lack of readiness of the primary mission, with the new launch not expected before 8 April 2023; 	<p>Executive Secretary to communicate this decision to the administration concerned.</p>

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		<ul style="list-style-type: none"> the request for an extension of the regulatory time-limit was limited and qualified. <p>The Board concluded from the evidence provided that the request continued to qualify as a situation of co-passenger delay. Consequently, in accordance with the rules of procedure on the extension of the regulatory time-limit for bringing into use satellite frequency assignments, the Board decided to accede to the request from the Administration of Indonesia to extend the regulatory time-limit to bring into use the frequency assignments to the NUSANTARA-H1-A satellite network to 31 July 2023.</p>	
7.4	<p>Submission by the Administration of Indonesia requesting an extension of the regulatory time-limit to bring into use the frequency assignments to the PSN-146E satellite network RRB23-1/12</p>	<p>Having considered Document RRB23-1/12, containing the submission from the Administration of Indonesia, the Board thanked the administration for providing the additional information requested at the 91st Board meeting. The Board noted that:</p> <ul style="list-style-type: none"> the request had satisfied all the conditions for the situation to qualify as a case of <i>force majeure</i> at its 91st meeting and continued to do so at its 92nd meeting; the launch window had been confirmed as 1–30 June 2023; the initial regulatory deadline set by WRC-19 would have been met with the additional two months required for orbit raising to the orbital position at 146°E; the extension requested had been reduced from five months at the 91st Board meeting to three months at the 92nd Board meeting; the requested extension was time-limited and qualified. <p>Consequently, the Board decided to accede to the request from the Administration of Indonesia to extend the regulatory time-limit to bring into use the frequency assignments to the PSN-146E satellite network in the frequency bands 17.7–21.2 GHz and 27–30 GHz to 31 January 2024.</p>	<p>Executive Secretary to communicate this decision to the administration concerned.</p>

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		<p>The Board reminded administrations that detailed explanations and complete information should be provided in support of each request, including justification for the length of the extension requested.</p>	
7.5	<p>Submission from the Administration of Papua New Guinea requesting an extension of the regulatory time-limit to bring into use the frequency assignments to the MICRONSAT satellite system RRB23-1/13</p>	<p>The Board considered in detail the submission from the Administration of Papua New Guinea as contained in Document RRB23-1/13 and thanked the administration for providing the additional information requested at the 91st Board meeting. The Board noted from the submission that:</p> <ul style="list-style-type: none"> • the original launch of the satellite to an orbit at 700 km had been planned for the last quarter of 2021; • the initial delay in the launch of the satellite had been caused by the lack of readiness of the primary mission, resulting in a case of co-passenger delay; • the launch date had been rescheduled for the first or second quarter of 2022; • due to the Russian Federation/Ukraine crisis, the launch authorization licence had been suspended; • despite its efforts, the Administration of Papua New-Guinea had been unable to find a suitable in-orbit replacement satellite; • a different launch provider had been found, resulting in the launch of the BW3 satellite on 10 September 2022 into an orbit at 500 km; • the lower orbit altitude had required an 18-month orbit-raising period; • there was a lack of information on the satellite manufacturer and of evidence on the satellite delivery schedule. <p>The Board further noted discrepancies between the information provided and public press releases of the satellite operator, in particular that:</p>	<p>Executive Secretary to communicate this decision to the administration concerned.</p> <p>Bureau to invite the Administration of Papua New Guinea to provide information to the 93rd Board meeting that would clarify the discrepancies noted and how the situation could still qualify as a case of <i>force majeure</i> under those circumstances.</p> <p>The Board further instructed the Bureau to continue to take into account the frequency assignments to the MICRONSAT satellite network in the frequency bands 37.5–42.5 GHz (space-to-Earth), and 47.2–50.2 GHz and 50.4–51.4 GHz (Earth-to-</p>

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		<ul style="list-style-type: none"> • a launch agreement had already been reached with an alternate launch provider in July 2021, with an initial launch date in March 2022; • in December 2021, the satellite operator had decided on a revised launch window targeting summer 2022 and providing additional time for assembly and testing of the BW3 satellite; that window was incompatible with the regulatory time-limit of 23 November 2022 to bring into use the frequency assignments to the MICRONSAT satellite system. <p>Based on that information, the Board concluded that it could not grant an extension of the regulatory time-limit to bring into use the frequency assignments to the MICRONSAT satellite system at its 92nd meeting. The Board instructed the Bureau to invite the Administration of Papua New Guinea to provide information to the 93rd Board meeting that would clarify the discrepancies noted and how the situation could still qualify as a case of <i>force majeure</i> under those circumstances.</p> <p>The Board further instructed the Bureau to continue to take into account the frequency assignments to the MICRONSAT satellite network in the frequency bands 37.5–42.5 GHz (space-to-Earth), and 47.2–50.2 GHz and 50.4–51.4 GHz (Earth-to-space), until the end of the 93rd Board meeting.</p>	<p>space), until the end of the 93rd Board meeting.</p>
8	Cases of harmful interference		
8.1	<p>Submission from the Administration of the United Kingdom of Great Britain and Northern Ireland regarding harmful interference to emissions of United Kingdom high frequency broadcasting stations published in accordance with RR Article 12</p> <p>RRB23-1/9</p>	<p>With reference to Document RRB23-1/9 and § 4.3 of Document RRB23-1/6 (Rev.1), the Board considered the submission from the Administration of the United Kingdom. The Board noted that:</p> <ul style="list-style-type: none"> • the Bureau had tried yet again to convene a bilateral meeting between the Administrations of China and the United Kingdom, without success; • after having suspended the submission of new reports of harmful interference, the Administration of the United Kingdom had indicated 	<p>Executive Secretary to communicate this decision to the administrations concerned.</p> <p>Bureau to:</p> <ul style="list-style-type: none"> • invite the Administration of the

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		<p>that it would resume submission of such reports should interference reoccur.</p> <p>The Board again strongly urged the Administration of China to promptly implement adequate measures to eliminate all harmful interference to the HF emissions previously reported by the Administration of the United Kingdom. Furthermore, the Board urged both administrations to exercise the utmost goodwill and spirit of cooperation, with a view to resolving the cases of harmful interference.</p> <p>The Board instructed the Bureau to:</p> <ul style="list-style-type: none"> • invite the Administration of the United Kingdom to submit the latest information on the interference situation; • pursue its efforts to convene a bilateral meeting between the Administrations of China and the United Kingdom, so as to facilitate discussions and address the cases of harmful interference; • continue to provide support to the two administrations; • report on any progress to the 93rd Board meeting. 	<p>United Kingdom to submit the latest information on the interference situation;</p> <ul style="list-style-type: none"> • pursue its efforts to convene a bilateral meeting between the Administrations of China and the United Kingdom, so as to facilitate discussions and address the cases of harmful interference; • continue to provide support to the two administrations; • report on any progress to the 93rd Board meeting.
9	<p>Submission by the Administration of Lithuania regarding a request to reassess the findings of its frequency assignments recorded in the MIFR in cases where Article 48 of the ITU Constitution had been invoked RRB23-1/2</p>	<p>The Board considered in detail the submission from the Administration of Lithuania as contained in Document RRB23-1/2. The Board noted that:</p> <ul style="list-style-type: none"> • the Administration of Lithuania had started the coordination of its 11 frequency assignments to the land mobile service under RR No. 9.21 in July 2019; • the Administration of the Russian Federation had objected to the coordination under RR No. 9.21 of the 11 frequency assignments to land mobile stations of the Administration of Lithuania by invoking 	<p>Executive Secretary to communicate this decision to the administration concerned.</p> <p>Bureau to revise the findings of the 11 frequency assignments of the Administration of Lithuania with Bureau</p>

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		<p>Article 48 of the ITU Constitution with respect to frequency assignments to earth stations in the fixed-satellite service (FSS);</p> <ul style="list-style-type: none"> • the FSS satellite networks upon which the disagreement under Article 48 of the ITU Constitution had been based had been recorded in the MIFR containing only the characteristics of typical earth stations associated with those networks; • the Administration of Lithuania had voluntarily requested the Bureau to record its 11 frequency assignments in the MIFR under RR No. 11.31.1 on condition that those frequency assignments did not cause harmful interference to, nor claimed protection from, the frequency assignments to earth stations of the Administration of the Russian Federation; • the frequency assignments of the Administration of Lithuania were in conformity with all other relevant provisions of the Radio Regulations and had been recorded in the MIFR with the finding reference “X/RR9.21”, finding observation “H” and a reference to “CS Article 48” in the coordination information field; • the international rights and obligations of administrations in respect of their own and other administrations’ frequency assignments were derived from the recording of those assignments in the MIFR (RR No. 8.1). <p>In application of RR No. 14.1, the Board had reviewed the finding of the 11 terrestrial frequency assignments of the Administration of Lithuania. In that regard, the Board noted that:</p> <ul style="list-style-type: none"> • based on the calculation and verification by the Bureau, and in accordance with RR No. 5.430A, the power flux-density (pfd) produced at 3 m above ground had not exceeded $-154.5 \text{ dB(W/(m}^2 \text{ 4 kHz))}$ for more than 20 per cent of the time at the border of the territory of the Administration of the Russian Federation; 	<p>identifiers 120274030-120274040 by removing the finding reference “X/RR9.21”, finding observation “H” and the reference to Article 48 of the ITU Constitution in the coordination information.</p> <p>Bureau to submit to the 93rd Board meeting a document describing the general practice of the Bureau on the application of the agreement-seeking procedure of RR No. 9.21, focusing on, but not limited to, the description of frequency assignments with respect to which the agreement might be required and upon which a disagreement could be based.</p>

Item No.	Subject	Action/decision and reasons	Follow-up
		<ul style="list-style-type: none"> • WRC-07 had established the limit based on the protection of typical earth stations in the FSS, which had been the basis for objections to the frequency assignments of the Administration of Lithuania; • such conformity of the 11 assignments with the pfd limit would not cause harmful interference to FSS satellite networks of the Administration of the Russian Federation, including those FSS networks for which Article 48 of the ITU Constitution had been invoked. <p>Bearing in mind that:</p> <ul style="list-style-type: none"> • the main objective of the RR No. 9.21 agreement-seeking procedure was to ensure the operation of stations of a service of other administrations free from harmful interference; • the 11 terrestrial frequency assignments of the Administration of Lithuania were in conformity with the pfd limits as stipulated in RR No. 5.430A; • a similar approach existed for space services in the rule of procedure on RR No. 9.36 (see Case 3 of the Annex to the rule of procedure on RR No. 9.36). <p>Consequently, the Board decided to instruct the Bureau to revise the findings of the 11 frequency assignments of the Administration of Lithuania with Bureau identifiers 120274030–120274040 by removing the finding reference “X/RR9.21”, finding observation “H” and the reference to Article 48 of the ITU Constitution in the coordination information.</p> <p>The Board also instructed the Bureau to submit to the 93rd Board meeting a document describing the general practice of the Bureau on the application of the agreement-seeking procedure of RR No. 9.21, focusing on, but not limited to, the description of frequency assignments with respect to which the agreement might be required and upon which a disagreement could be based.</p>	

Item No.	Subject	Action/decision and reasons	Follow-up
10	<p>Submission by the Islamic Republic of Iran regarding the provision of Starlink satellite services in its territory RRB23-1/7</p>	<p>With reference to Document RRB23-1/7, the Board considered the submission from the Administration of the Islamic Republic of Iran and noted that:</p> <ul style="list-style-type: none"> • as per RR No. 18.1, “[n]o transmitting station may be established or operated by a private person or by any enterprise without a licence issued in an appropriate form and in conformity with the provisions of these Regulations by or on behalf of the government of the country to which the station in question is subject”; • as per <i>resolves</i> 1 of Resolution 22 (WRC-19), “the operation of transmitting earth stations within the territory of an administration shall be carried out only if authorized by that administration”; • furthermore, as per <i>resolves</i> 2 of Resolution 22 (WRC-19), “the notifying administration for a satellite network or system shall, to the extent practicable, limit the operation of transmitting earth stations on the territory of an administration on which they are located and operated to only those licensed or authorized by that administration”; • the Administration of the Islamic Republic of Iran had taken actions as foreseen in Resolution 22 (WRC-19); • the Administration had stated that some satellite Internet services had been provided in its territory without authorization but did not provide details of its investigations. <p>The Board reminded administrations of the need to comply with the provisions of RR Article 18 and Resolution 22 (WRC-19) and instructed the Bureau to:</p> <ul style="list-style-type: none"> • invite the Administration of the Islamic Republic of Iran to provide to the 93rd Board meeting details of its investigation of the presence of unauthorized transmitting earth station transmissions in its territories; 	<p>Executive Secretary to communicate this decision to the administration concerned.</p> <p>Bureau to:</p> <ul style="list-style-type: none"> • invite the Administration of the Islamic Republic of Iran to provide the 93rd Board meeting with details of its investigation of the presence of unauthorized transmitting earth station in its territory; • assist the Administration of the Islamic Republic of Iran in its efforts and to report any progress to the 93rd Board meeting; • again remind the Administration of Norway, as the notifying administration of

Item No.	Subject	Action/decision and reasons	Follow-up
		<ul style="list-style-type: none"> assist the Administration of the Islamic Republic of Iran in its efforts and to report any progress to the 93rd Board meeting; again remind the Administration of Norway, as the notifying administration of the relevant satellite networks, of its obligations under RR Article 18 and Resolution 22 (WRC-19). 	<p>the relevant satellite networks, of its obligations under RR Article 18 and Resolution 22 (WRC-19).</p>
11	<p>Submission by the Administration of Liechtenstein requesting the application of <i>resolves</i> 12 of Resolution 35 (WRC-19) to the frequency assignments to the 3ECOM-1 and 3ECOM-3 satellite systems RRB23-1/14</p>	<p>The Board considered in detail the submission from the Administration of Liechtenstein as contained in Document RRB23-1/14 and thanked the administration for the information provided. While the Board had the authority to decide at its 92nd meeting, it noted that the date of receipt of the submission provided little opportunity for other administrations to submit their comments in time to be considered at its meeting. Since the intent of WRC-19 had been to provide a reasonable opportunity for administrations to comment on those requests, the Board decided to defer its consideration and decision on the request from the Administration of Liechtenstein to its next meeting. The Board instructed the Bureau to add Document RRB23-1/14 to the agenda of its 93rd meeting.</p>	<p>Executive Secretary to communicate this decision to the administration concerned.</p> <p>Bureau to add Document RRB23-1/14 to the agenda of its 93rd meeting.</p>
12	<p>Report by the Radio Regulations Board to WRC-23 on Resolution 80 (Rev. WRC-07) RRB23-1/5(Rev.1)</p>	<p>Convening as the Working Group on the Report on Resolution 80 (Rev.WRC-07) to WRC-23, under the chairmanship of Ms C. BEAUMIER, the Board continued to review Document RRB23-1/5(Rev.1) and finalize a draft of the Report on Resolution 80 (Rev.WRC-07) to WRC-23. The Board instructed the Bureau to circulate the draft report to administrations for comments and to take the necessary actions to make it available as a contribution to the 93rd meeting, at which time the Board would review it in the light of the comments from administrations.</p>	<p>Bureau to circulate the draft report to administrations for comments and to take the necessary actions to make it available as a contribution to the 93rd meeting.</p>
13	<p>Confirmation of the next meeting for 2023 and indicative dates for future meetings</p>	<p>The Board confirmed the dates for the 93rd meeting as 26 June–4 July 2023 (CCV Room Genève).</p>	<p>-</p>

Item No.	Subject	Action/decision and reasons	Follow-up
		<p>The Board further tentatively confirmed the dates for its subsequent meetings in 2023, as follows:</p> <ul style="list-style-type: none"> • 94th meeting: 23–27 October 2023 (Room L); <p>In 2024, as follows:</p> <ul style="list-style-type: none"> • 95th meeting: 4–8 March 2024 (CICG Room 5); • 96th meeting: 24–28 June 2024 (CCV Room Genève); • 97th meeting: 4–13 November 2024 (CICG Room 5); <p>In 2025, as follows:</p> <ul style="list-style-type: none"> • 98th meeting: 17–21 March 2025 (CCV Room Genève); • 99th meeting: 30 June – 4 July 2025 (CCV Room Genève); • 100th meeting: 3–7 November 2025 (CCV Room Genève); <p>And in 2026, as follows:</p> <ul style="list-style-type: none"> • 101st meeting: 9–13 March 2026 (CCV Room Genève); • 102nd meeting: 29 June – 3 July 2026 (CCV Room Genève); • 103rd meeting: 2–6 November 2026 (CCV Room Genève). 	
14	Other business	-	-
15	Approval of the summary of decisions	The Board approved the summary of decisions contained in Document RRB23-1/15.	-
16	Closure of the meeting	The meeting closed at 1530 hours on 24 March 2023.	-