



Agenda Item 2: Review of the report of the Twenty-Sixth Meeting of the coordination Committee (RCC/26) and the report of the Twenty-Seventh Extraordinary Meeting of the Coordination Committee (RCC/27)

REVIEW OF THE REPORTS OF THE LAST MEETINGS OF THE REDDIG COORDINATION COMMITTEE

(Presented by the Secretariat)

SUMMARY	
<p>Under this agenda item, the report of the Twenty-Sixth Meeting of the Coordination Committee (RCC/26) and the report of the Twenty-Seventh Extraordinary Meeting of the Coordination Committee (RCC/27) will be reviewed, analysing the status of the conclusions formulated therein, as well as the status of the outstanding conclusions of previous meetings of the coordination committee.</p>	
REFERENCES	
<ul style="list-style-type: none"> • Twenty-sixth Meeting of the REDDIG Coordination Committee (RCC/26) (Lima, Peru, 2-5 March 2021); and • Twenty-seventh Extraordinary Meeting of the REDDIG Coordination Committee (RCC/27) (Teleconference, 31 August 2021). 	
ICAO strategic objectives:	<p><i>A – Safety</i> <i>B - Air navigation capacity and efficiency</i></p>

1. Introduction

1.1 The Twenty-sixth Meeting of the REDDIG Coordination Committee (RCC/26) was held via teleconference on 2-5 March 2021. The meeting was attended by 44 participants from 14 member States (Argentina, Bolivia, Brazil, Colombia, Chile, Ecuador, Francia, Guyana, Paraguay, Peru, Suriname, Trinidad & Tobago, Uruguay, and Venezuela), 1 observer State of the North America, Central America and the Caribbean Region (United States), 1 company from the industry (AIREON), and ICAO specialists.

1.2 The Twenty-seventh (Extraordinary) Meeting of the REDDIG Coordination Committee (RCC/27) was held via teleconference on 31 August 2021. The meeting was attended by representatives of 12 member States of the REDDIG Coordination Committee (Argentina, Brazil, Chile, Ecuador, France (French Guiana), Guyana, Paraguay, Peru, Suriname, Trinidad & Tobago, Uruguay, and Venezuela), one international organisation (COCESNA), and ICAO officers, totalling 31 people.

1.3 The **Appendix** to this working paper presents the list of valid conclusions adopted by the RCCs and their status of implementation to date.

2. Conclusions formulated by the RCC/26 meeting

2.1 The Twenty-sixth meeting of the REDDIG Coordination Committee formulated the following conclusions:

No.	Title	Page
RCC/26-1	IMPLEMENTATION OF REDDIG II GROUND NETWORK (MPLS) NODES IN STATES OF OTHER REGIONS	4-2
RCC/26-2	APPROVAL OF THE BUDGET OF PROJECT RLA/03/901 REV "V"	5-2
RCC/26-3	IMPROVEMENT OF LOGISTICS FOR THE INTERNMENT AND IMPORT OF REDDIG EQUIPMENT AND SPARE PARTS	6-1

3. Conclusions formulated by the RCC/27 (extraordinary) meeting

3.1 The Twenty-Sixth meeting of the REDDIG Coordination Committee formulated the following conclusions:

No.	Title	Page
RCC/27-1	IMPLEMENTATION OF REDDIG II GROUND NETWORK (MPLS) NODES IN STATES OF THE CAR REGION	2-2
RCC/27-2	APPROVAL OF THE BUDGET OF PROJECT RLA/03/901 REV "V"	3-2

4. Suggested action

4.1 The Coordination Committee is invited to:

- a) take note of the information provided in this working paper;
- b) approve the report of the Twenty-Sixth meeting of the Coordination Committee and the report of the Twenty-Seventh (Extraordinary) meeting of the Coordination Committee; and
- c) review the status of implementation of the conclusions, as shown in the **Appendix** to this working paper.

APPENDIX

VALID CONCLUSIONS ADOPTED BY THE REDDIG COORDINATION MEETINGS AND THEIR STATUS OF IMPLEMENTATION

No.	Title	Content	Status	Remarks
8-8	REDDIG Administration	That, until such time that the institutional aspects related to the management of multinational systems for the provision of air navigation services are more clearly defined, the States agree that, for the next two years, starting 15 October 2005, the REDDIG will continue to be managed through the ICAO technical cooperation mechanism, as an extension of Regional Project RLA/03/901.	Valid	Taking into account that the establishment of the South American Air Navigation and Safety Organization, a multinational system with the capacity to manage REDDIG, continues undefined, the RCC/20 meeting (Lima, Peru, 21-23 March 2017) approved Rev S of the RLA/03/901 project document, extending the management of REDDIG until 2023.
22-1	Technical visits by the REDDIG Administrator to the network nodes	That the Secretariat: a) Make the necessary arrangements for the REDDIG Administrator to visit at least two network nodes per year.	Completed	Currently, two annual visits have been included in the plan of activities.
22-2	Training in technological tools for analyzing voice and data applications carried over REDDIG	That the Secretariat: a) At the request of REDDIG member States, organize training courses on the use of tools for analyzing information (voice and data) carried over REDDIG.	Completed	A first training course was delivered during the RTO/8 meeting (Santiago, Chile), and will be repeated at the RTO/9 meeting. Currently in each RT the reinforcement of this knowledge is evaluated.
22-3	Study for replacing REDDIG II connectivity equipment and updating the IOS of network routers	That the REDDIG II Administrator: a) Coordinate the conduction of a study to replace connectivity equipment, mainly the NETGEAR, and to update the IOS of network routers.	Valid	All IOS of the network routers were updated in 2019. Trials on the use of CISCO switches to replace Netgear switches are scheduled for 2020 in the Curitiba and Asuncion nodes.
22-4	Acquisition of firewall equipment for	That the Secretariat:	Valid	The bidding process was completed and is in the implementation stage. Regarding the implementation, it is delayed due to an emerging situation related to the

No.	Title	Content	Status	Remarks
	REDDIG II	a) At the request of REDDIG member States, and together with the ICAO TCB, purchase firewall equipment for REDDIG II; The initial budget assigned for this acquisition would be USD 375,000.00.		consequences of the Pandemic and the conflict in Europe.
24-1	Procedure for sending for repair broken equipment within a reasonable time	That: With regard to the replacement of spare parts stored in the SAM Regional Office, the Project Management shall: a) After the shipment of the spare part is taken care of and its receipt has been confirmed, the receiving State has a period of 60 days to send the equipment for repair at the factory; b) If the deadline set out in the previous item is not met, the Project Management will not respond to another request for spare part from that State; c) States which are currently with broken equipment held shall apply as set out in this conclusion.	Valid	The REDDIG administration is anticipating the revision of the REDDIG Operation and Maintenance Manual for this year.
24-2	Creation of the REDDIG III <i>ad hoc</i> group	That: The participating States of Regional Project RLA/03/901 form an <i>ad hoc</i> group to study technological proposals, for employment in the future REDDIG III, to be implemented from 2022.	Completed	The group is formed and active.
24-3	Interconnection of regional IP networks	That: a) The Secretariat proceed with the necessary administrative procedures for carrying out a meeting in Lima, with the participation of ICAO Officers and telecommunication providers of the Regional IP networks of APAC, EUR and SAM. b) The participation of the Secretary of the Communications Panel (CP) is	Valid	Two teleconferences were held with the participants of the APAC Regional IP Network (CRV) on 21 January and 24 February 2021. Coordination with participants of Europe's regional IP network (PENS) was initiated in January 2021.

No.	Title	Content	Status	Remarks
		coordinated with the use of resources of the RLA/03/901 Regional Project (air tickets and DSA).		
24-6	Approval of the budget for Regional Project RLA/03/901 Rev “U”	That the Secretariat: Take relevant action to allow for the approval by ICAO Headquarters of the revision to Project RLA/03/901 for its subsequent submission to REDDIG member States, as shown in Appendix A to this part of the report.	Completed	Rev “U” was duly signed by the ICAO Secretary General and circulated to the States for the corresponding processing.
26-1	Implementation of REDDIG II ground network (MPLS) nodes in States of other Regions	That the Secretariat: Take the necessary measures for the procurement and installation of REDDIG II ground network (MPLS) nodes in States of other Regions, as described below: a) A node in Madrid (Spain), based on interest expressed by Argentina, Brazil and Venezuela, for the establishment, initially, of AMHS communications with the Madrid COM centre. The cost will be shared by the three States concerned; and b) A node in Johannesburg (South Africa), based on interest expressed by Argentina, for the establishment of voice and data communications with the ANSP of the Johannesburg FIR. The cost will be charged to Argentina’s annual fee.	Valid	Both nodes are in the installation stage.
26-2	Approval of the budget of Project RLA/03/901 Rev “V”	That the Secretariat: Take the necessary actions for the approval by ICAO Headquarters of the revision of Project RLA/03/901 shown in Appendix A to this part of the report, for its subsequent submission to REDDIG member States.	Completed	A new review was made updating costs and adding new nodes which was presented in the RCC/27 (27-2)

No.	Title	Content	Status	Remarks
26-3	Improvement of logistics for the internment and import of REDDIG equipment and spare parts	<p>That the Secretariat: Circulate a letter to member States indicating that the Coordination Committee urges to make the necessary efforts to improve logistics (internment, import) regarding REDDIG equipment and spare parts in their respective States, so as not to affect other States and the proper operation of the network.</p>	Completed	Letter SA5192 dated April 29, 2021 was sent to the States.
27-1	Implementation of REDDIG II ground network (MPLS) nodes in States of the CAR Region	<p>That the Secretariat: Take the steps described below, with a view to the implementation of REDDIG II (MPLS) nodes in CAR States:</p> <p>a) Confirm with Panama its intention to be part of Regional Project RLA/03/901 or the hiring of the service directly from the telecommunications provider (Lumen);</p> <p>b) Following confirmation of item a), make arrangements for the implementation of REDDIG II (MPLS) nodes in the following CAR States: Aruba, Curaçao, Jamaica, and Puerto Rico; considering that the cost must not exceed USD 5,100.00 per month for the hiring of all nodes without AOSC. c) Prioritize the hiring of the nodes of Curaçao, Jamaica and Puerto Rico, in case the value of item b) is higher than established and provide a technical solution for communications with Aruba.</p> <p>d) Costs will be quoted by the States participating in Regional Project RLA/03/901.</p> <p>e) Coordinate, with the support of the NACC Office, the granting of authorization by CAR States concerned for the implementation of the nodes.</p>	Valid	The MIII-RII/INTERCON/2 meeting (Lima. 5-6 May 2022) will address the implementation of the nodes with the CAR States concerned.

No.	Title	Content	Status	Remarks
		f) Contract 22501528 concerning the MEVA III nodes in Bogota and Caracas shall be cancelled, as soon as the REDDIG II nodes are established in the CAR States.		
27-2	Approval of the budget of Project RLA/03/901 rev "V"	That the Secretariat: a) Circulate a letter to member States for a period of 10 working days for approval of the new revision of Project RLA/03/901 to replace conclusion RCC/26-2; b) Then arrange for its approval by ICAO Headquarters, and its subsequent submission to REDDIG member States, as shown in Appendix A to this part of the report.	Completed	It was approved on January 25, 2022 and sent to the States with letter SA5049 and letter SA5050 on January 26, 2022 for the respective signature.