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3. Suggested action

3.1 The Coordination Committee is invited to:

- a) take note of the information contained in this working paper;
- b) approve the report of the Twenty-Ninth Meeting of the Coordination Committee; and
- c) review the status of implementation of the conclusions presented in the **Appendix** to this working paper.

APPENDIX

VALID CONCLUSIONS ADOPTED BY 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, 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 Organisation, a multinational system with the capacity to manage REDDIG, continues undefined, the RCC/28 meeting (Lima, Peru, 02-04 May 2022) approved Rev X of the RLA/03/901 project document, extending the management of REDDIG until 2025.
22-3	Study to replace REDDIG II connectivity equipment and to update the IOS of network routers	That the REDDIG II Administrator: a) Coordinate the conduction of a study to replace connectivity equipment, mainly the NETGEAR switches, and also to update the IOS of network routers	Valid	All IOS of 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. The Netgear B switch will be replaced in each planned node with a Fortinet switch purchased together with the firewalls. Task to be performed during the year 2023.
22-4	Acquisition of firewall equipment for REDDIG II	That the Secretariat: a) At the request of REDDIG member States, and together with the ICAO TCB, purchase firewall equipment for REDDIG II; b) The initial budget assigned for this acquisition would be USD 375,000.00.	Valid	The bidding process was completed and training was provided. The SAM Office will be sending the purchased equipment to the respective nodes.

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24-3	Interconnection of regional IP networks	<p>That:</p> <p>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 APAC, EUR and SAM regional IP networks.</p> <p>b) The participation of the Secretary of the Communications Panel (CP) be ensured using resources of Regional Project RLA/03/901 (air tickets and DSA).</p>	Valid	<p>Two teleconferences were held with the participants of the APAC regional IP network (CRV) on 21 January and 24 February 2021. An interconnection proposal is expected from the MPLS service providers.</p> <p>Cirion representatives presented an interconnection proposal in RCC/29, which will be forwarded, by the Secretariat, to the APAC Office for review of CRV network participants.</p>
29-1	Ad hoc group to study and propose an advanced standard configuration for the acquired firewall equipment.	<p>That:</p> <p>RLA/03/901 Member States form an <i>Ad hoc</i> group, with cybersecurity experts, to study and propose an advanced standard configuration for the firewall equipment acquired by Project RLA/03/901.</p>	Valid	<p>Ad hoc Group constituted in RCC/29, with representatives of the following States: Argentina, Brazil, Chile, Colombia, Paraguay and Venezuela.</p> <p>The representative of Brazil will coordinate the activities of the group.</p>
29-2	Management and administration of the Regional Project RLA/03/901 with the implementation of REDDIG III.	<p>That:</p> <p>a) The REDDIG III Ad hoc Group evaluate the proposal to improve the management and administration structure of the project, which includes as a possible core in its Management and Administration:</p> <ul style="list-style-type: none"> ✓ Project Manager: responsible for the management and administration of the Regional Project; ✓ Administrative Assistant: responsible for the administrative support to the Project Manager; and ✓ Network Administrator: responsible for the technical-operational management of the regional network. 	Valid	<p>The REDDIG III Ad hoc Group, made up of representatives from Argentina, Brazil, Chile, France (French Guiana), Paraguay and Venezuela, will evaluate the proposal to improve the management and administration structure of the network.</p> <p>The group will be coordinated by the representative of Chile.</p>

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		b) The REDDIG III Ad-Hoc Group must include in its proposal the functions and responsibilities of the personnel, as well as the budget required for the same. The proposal must be submitted for approval by the RLA/03/901 Project Coordination Committee prior to the implementation of REDDIG III.		
29-3	Implementation of REDDIG III	That: The Meeting approved that the implementation of REDDIG III be in two phases: - Phase 1 WAN Infrastructure: Contracting of services, to start operations in January 2025, of a telecommunications service provider (MPLS) with redundancy of last mile links, according to the approved technical specifications. - Phase 2 LAN infrastructure: Modernization of connectivity equipment, with the necessary interfaces for connection of existing aeronautical services at each node and adaptation of the cybersecurity equipment acquired to the new architecture of the LAN part of the regional network. This phase should be planned to start operations in January 2027.	Valid	The REDDIG III Ad hoc Group will prepare the Technical Specifications of REDDIG III (Phase 1), until March 31, 2023. The Ad hoc Group will study and propose the activities of Phase 2 of REDDIG III implementation. The REDDIG III Ad Hoc Group, made up of representatives of Argentina, Brazil, Chile, France (French Guiana), Paraguay and Venezuela, will be coordinated by the representative of Chile.
29-4	Approval of the budget of Project RLA/03/901 rev. "X"	That the Secretariat: a) Consult with Headquarters on the possibility of the use of Project RLA03901 for the procurement of telecommunications service (MPLS) with		

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		<p>last mile link redundancy by 2025 and the approximate cost thereof.</p> <p>b) If the above conclusion is positive, before July 1, 2023, to include such procurement in the proposal for revision X of Project RLA/03/901. This proposal should be circulated to the Member States for their acceptance and subsequently initiate the approval process by ICAO headquarters, for subsequent submission to the REDDIG Member States.</p> <p>c) If point a) cannot be met, take the pertinent actions to allow approval of the revision of Draft RLA/03/901, by ICAO headquarters, for its subsequent submission to REDDIG Member States, which can be found in Appendix A to this part of the Report.</p>		