



Agenda Item 2: Review of the Reports of the Thirty-Second and Thirty-Third Meetings of the REDDIG Coordination Committee (RCC/32 and RCC/33)

(Presented by the Secretariat)

SUMMARY

The purpose of this working paper is to present to the Project RLA/03/901 Coordination Committee, within the framework of the Thirty-Fourth Session (RCC/34), a consolidated review of the reports prepared, and the conclusions adopted and managed during 2025, as well as their status of implementation. The analysis reflects the development of the Project in a period of critical transition towards REDDIG III, including strategic decisions taken by the Coordination Committee at the RCC/32 and RCC/33-Emergency meetings, and its impact on the operational, technical and financial continuity of the regional network.

REFERENCES

- Final Report of the Thirtieth Meeting of the REDDIG Coordination Committee (RCC/30) (Lima, March 2024);
- Final Report of the Thirty-First Emergency Meeting of the REDDIG Coordination Committee (RCC/31) (Virtual, October 2024);
- Final Report of the Thirty-Second Meeting of the REDDIG Coordination Committee (RCC/32) (Lima, March 2025);
- RCC/32-WP/02 – Review of the conclusions adopted by the Coordination Committee; and
- RCC/33-WP/01 – Definition of the extension of the Intelsat satellite service.

ICAO strategic objectives:

A – Safety

B - Air navigation capacity and efficiency

1. INTRODUCTION

1.1 During 2025, the Regional Project RLA/03/901 went through a stage of special strategic relevance, characterized by the preparation and execution of the necessary arrangements for the implementation of REDDIG III, as well as by the adoption of measures aimed at guaranteeing the continuity of the regional CNS/ATM services during this transition process.

1.2 In this context, the Coordination Committee held RCC/32, ordinary meeting, and RCC/33-Emergency, extraordinary meeting, whose conclusions and decisions constitute the main input for the present review, for consideration by RCC/34.

1.3 In accordance with the procedures of the Project, at each meeting of the Coordination Committee, a systematic review of the status of compliance with the previously adopted conclusions is carried out, in order to ensure the monitoring, traceability and adequate governance of the Project.

2. REVIEW OF THE 2025 REPORTS

2.1 The final report of RCC/32 documents the activities carried out since the last ordinary meeting, including the performance of REDDIG II, the management of nodes and services, actions in the field of cybersecurity, the financial situation of the Project and the 2025 work plan. <https://www2023.icao.int/SAM/Pages/MeetingsDocumentation.aspx?m=2025-RLA03901-RCC32&t=1>

2.2 In addition, WP/02 presented at RCC/32 enabled consolidating the status of the conclusions adopted at previous meetings, identifying those that remain valid and those that were considered completed, constituting a key monitoring tool.

2.3 For its part, RCC/33-Emergency meeting addressed a specific and critical aspect of 2025: the definition of options for the temporary extension of the satellite service, agreed as a transitory risk mitigation measure during the transition to REDDIG III, whose technical, operational and financial implications were duly analyzed. <https://www2023.icao.int/SAM/Pages/MeetingsDocumentation.aspx?m=2025-RLA03901-RCC33&t=1>

3. STATUS OF THE CONCLUSIONS AT THE END OF 2025

3.1 As a result of the analyses carried out during 2025, the Coordination Committee kept valid the conclusions related to:

- a) The management of the Project;
- b) REDDIG III implementation (Phase 1 and Phase 2);
- c) the approval of technical specifications;
- d) network cybersecurity; and
- e) interconnection with other regional networks.

3.2 Similarly, those conclusions whose objectives were met or that were superseded by new decisions adopted by the Committee were considered completed.

3.3 The **Appendix** to this working paper shows a consolidated table on the conclusions' status of implementation, which is presented as an updated baseline for RCC/34.

4. GENERAL CONSIDERATIONS

4.1 The analysis of the reports and conclusions corresponding to 2025 shows a sustained progress of RLA/03/901 Project, despite the complexities of a large-scale technological and contractual transition process.

4.2 The relevance of the decisions taken to ensure the operational continuity of REDDIG during the period prior to the entry into service of REDDIG III is particularly highlighted, minimising risks for the provision of international aeronautical services.

4.3 The actions developed during 2025 are aligned with ICAO's strategic objectives, contributing directly to the safety, capacity and efficiency of the air navigation system in the SAM Region.

5. **SUGGESTED ACTION**

5.1 The Coordination Committee, within the framework of RCC/34, is invited to:

- a) take note of the information presented in this working paper;
- b) take note of the status of reports and conclusions for 2025; and
- c) continue to follow up on existing conclusions, particularly those related to the transition to REDDIG III.

APPENDIX

CURRENT CONCLUSIONS ADOPTED BY REDDIG COORDINATION MEETINGS AND THEIR STATUS OF IMPLEMENTATION

(End-of-2025 status – for consideration by RCC/34)

No.	Title	Contents	Status	Observations
8-8	REDDIG Administration	While the institutional aspects related to the administration of multinational systems for the provision of air navigation services are further clarified, the States agree that the administration of REDDIG for the next two years, starting 15 October 2005, will continue to be carried out through the ICAO technical cooperation mechanism, as an extension of regional project RLA/03/901.	Valid	The administration of REDDIG continues to be carried out through the ICAO technical cooperation mechanism as part of Project RLA/03/901. The "Y" revision of the project extends this modality until 2030.
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; and b) The initial budget assigned for this acquisition would be USD 375,000.00.	Completed	The bidding process was concluded and training was carried out. The SAM Office sent the equipment to the States, pending the equipment from Colombia in the process of delivery.
29-1	Ad hoc group to study and propose an advanced standard configuration for the acquired firewall equipment.	That, RLA/03/901 Member States form an Ad hoc group, with cybersecurity experts, to study and propose an advanced standard configuration for the firewall equipment acquired by Project RLA/03/901.	Valid	Ad hoc Group constituted in RCC/29, with representatives of the following States: Argentina, Brazil, Chile, Colombia, Paraguay and Venezuela. The representative of Brazil will coordinate the activities of the group.

No.	Title	Contents	Status	Observations
29-2	Management and administration of the Regional Project RLA/03/901 with the implementation of REDDIG III.	<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. <p>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.</p>	Completed	<p>The Ad-hoc Group REDDIG III, made up of representatives from Argentina, Brazil, Chile, France (French Guiana) Paraguay and Venezuela, evaluated the proposal to improve the management and administration structure of the network.</p> <p>Conclusion superseded by CCR 30-3.</p>
29-3	Implementation of REDDIG III	<p>That, the Meeting approved that the implementation of REDDIG III will be in two phases:</p> <ul style="list-style-type: none"> - 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: Modernisation of the connectivity equipment, with the necessary interfaces for connection of existing aeronautical services at each node and adaptation of the cybersecurity equipment acquired for the new architecture of the LAN part of the regional network. This phase should be planned to start operations in January 2027. 	Valid	<p>The REDDIG III Ad-hoc Group developed the Technical Specifications for REDDIG III (Phase 1).</p> <p>The Ad-hoc Group will study and propose the activities of Phase 2.</p> <p>In relation to Phase 1 (WAN Infrastructure), there were delays with respect to the initially planned schedule, mainly associated with delays in the payment of the extraordinary contribution, as well as the deadlines of the different administrative and procurement stages applicable.</p> <p>However, the bidding process for the new MPLS WAN infrastructure is currently ongoing. Once the selection and award process has been completed, it is expected that the implementation of the new MPLS WAN network of REDDIG III can be carried out during the first half of 2026.</p>

No.	Title	Contents	Status	Observations
30-1	Approval of REDDIG III – Phase 1, technical specifications	<p>That, to proceed with the acquisition process of the MPLS service for REDDIG III – Phase 1, the participants of the RCC/30 Meeting shall request from the Secretariat:</p> <ul style="list-style-type: none"> a) Verify with each State the coordinates corresponding to the selected MPLS node; b) Coordinate with CDI for the review of the technical specifications and, accordingly, to initiate the administrative arrangements for its acquisition; and c) If the review of the technical specifications by CDI results in significant changes, to ensure that these modifications are circulated for approval by the States. 	Completed	The technical specifications were reviewed and coordinated with ICAO HQ CDI. The start of the acquisition process was conditional on the full availability of the extraordinary fees. The detailed situation on these quotas can be found in WP/05.
30-2	Cybersecurity equipment set up and licenses renewal	<p>That, the Secretariat shall:</p> <ul style="list-style-type: none"> a) ensure the installation of the already distributed cybersecurity equipment using a basic configuration while the Cybersecurity Ad-hoc Group develops an advanced configuration; and b) carry out the automatic periodic renewal of cybersecurity equipment licenses for the duration of the equipment’s lifecycle. 	Valid	Regarding item (a), the Secretariat, in coordination with the States, has completed the installation and basic configuration of the cybersecurity equipment, except for the devices designated for the Ezeiza and Bogotá nodes due to logistical issues. Regarding item (b), information on the license renewal is provided in WP/03.

No.	Title	Contents	Status	Observations
30-3	REDDIG management structure enhancement definition	<p>That:</p> <p>a) The Secretariat shall present the following information to the Ad-hoc Group:</p> <ol style="list-style-type: none"> 1. A report detailing each management function currently performed by the Regional Office in charge of the Project's management, as well as the functions currently carried out by the Administrative Assistant, Financial Assistant, and Technical Administrator of REDDIG in relation to Project RLA/03/901. The objective is to define the proposed roles of the Project Manager and the new Administrative-Financial Assistant to the Project Manager, 2. A report on the categorization used by ICAO for professional and administrative positions, as well as the timelines required for staff recruitment, and 3. An analysis and report on whether the project's MSA and its annexes would require any modifications in the event of a new organizational structure implementation; 	Valid	<p>The Ad-hoc Group is composed of representatives from the following States: Argentina, Bolivia, Brazil, Chile, Colombia, France (French Guiana), Guyana, Paraguay, and Venezuela. The representative from Chile shall coordinate the group's work.</p>

No.	Title	Contents	Status	Observations
		<p>b) The Ad-hoc Group, once the above information has been obtained:</p> <ol style="list-style-type: none"> 1. Shall analyse the functions and propose the positions required to fulfil them, considering the new network configuration and the services that REDDIG III will provide once fully implemented, 2. Shall coordinate with the Secretariat to determine the budget required for the new organizational structure proposal, 3. To carry out the aforementioned tasks, the Ad hoc Group shall meet online once all the required information is available, and 4. Shall present the results at the next RCC meeting or, if deemed necessary, shall request an extraordinary RCC meeting. 		
30-4	Preparing and approving the extension to 2030 of the Project RLA/03/901 Rev. 'Y'	<p>That, the Secretariat shall:</p> <ol style="list-style-type: none"> a) prepare a proposal to extend Project RLA/03/901 until 2030, considering, for budget calculation purposes, the new telecommunications service (MPLS) with last-mile link redundancy and the satellite communications service through 2030; and b) circulate the proposed revision of Project RLA/03/901 to Member States for their acceptance and subsequently initiate the approval process by ICAO Headquarters, for its eventual presentation to REDDIG Member States. 	In process	The Y review is in the process of being signed since the sending of the IOM was in parallel to the signing process.

No.	Title	Contents	Status	Observations
31-1	Arrangements for the Interconnection of the CANSNET - REDDIG networks.	<p>That, the Secretariat shall:</p> <p>a) verify, by 29 October, the compliance status for those States that requested additional time for analysis regarding the possibility of holding a meeting between the providers of both networks, under the supervision of the States. The purpose of this meeting is to allow providers to propose, for informational purposes only, the technical feasibility of interconnection. This meeting between providers shall not entail any commitment for REDDIG; and</p> <p>b) initiate the necessary coordination to ensure that, in 2025, the required meetings between CANSNET and REDDIG take place to establish responsibilities, service types, cybersecurity requirements, and any other necessary aspects, ensuring transparent information for the development of the MOU.</p>	Valid	<p>a) The providers of both networks met, with the presence of Administrators and designated personnel representing the States, to propose a technical feasibility assessment for interconnection. This meeting was purely informational between the two networks and did not entail any commitment for REDDIG; and</p> <p>b) The necessary coordination efforts are expected to begin in 2025, with a primary focus on drafting the Memorandum of Understanding (MoU). For further details, refer to WP/01 and Final Report of RCC/31 meeting.</p>

No.	Title	Contents	Status	Observations
32-1	Arrangements for the start of the tender of REDDIG III – Phase 1 (MPLS)	That the Secretariat: a) Make an inquiry to the provider of the REDDIG II satellite segment regarding the possibility of a 6-month service extension. After that, convene a virtual meeting with the focal points to define the future of the REDDIG II satellite network; b) Convene the relevant Ad-hoc Group to make a final review of the technical specifications, to confirm MPLS nodes, and to include safeguards for implementing MPLS access by VSAT in the identified States; c) Consult States on their interest in participating in the tender technical evaluation group. The costs of participation will be borne by the respective State; and d) Initiate the necessary consultations for the possible implementation of the nodes in New Zealand and Senegal in the States concerned.	Completed	During 2025, progress was made in consultations with suppliers, in the final review of specifications, in the definition of nodes and in the analysis of continuity scenarios of the satellite segment.