



REDDIG RCC/31

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

**RLA/03/901**

**EMERGENCY MEETING  
OF THE COORDINATION COMMITTEE  
(RCC/31)**

**FINAL REPORT**

**(Virtual, 24 October 2024)**

*The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area of its authorities, or concerning the delimitation of its frontiers or boundaries.*

**INDEX**

i - Index .....i-1

ii - History of the Meeting .....ii-1

    Details of the Meeting .....ii-1

    Opening .....ii-1

    Working Languages .....ii-1

    Participants and Organization .....ii-1

    List of Conclusions .....ii-1

iii - List of Participants .....iii-1

**Report on Agenda Item 1:**

Interconnection of the CANSNET and REDDIG Communication Networks..... 1-1

## **HISTORY OF THE MEETING**

### **ii-1. PLACE AND DURATION OF THE MEETING**

The Emergency Meeting of the Coordination Committee (RCC/31) of Project RLA/03/901 - *REDDIG Management System and Satellite Segment Administration*, was carried out virtually on 24 October 2024.

### **ii-2. OPENING**

Ms. Verónica Chávez, Technical Assistance Officer of the South American Regional Office of ICAO, along with Mr. Julio Siu, Regional Deputy Director of the North American, Central American, and Caribbean Regional Office, welcomed the participants and highlighted the topic to be discussed in the meeting.

### **ii-3. WORKING LANGUAGES**

The meeting working languages for the discussions and documentation were Spanish, English and French. Documentation was presented in Spanish and English languages.

### **ii-4. PARTICIPANTS AND ORGANIZATION**

The meeting was attended by representatives from 13 member States of REDDIG II, (Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Panama, Paraguay, Peru, Trinidad and Tobago, Uruguay, and Venezuela), as well as participants from COCESNA, the rapporteur of the CANSNET communications group, and specialists from the ICAO NACC and SAM Regional Offices. The list of participants is being presented in page iii-1.

Mrs. Veronica Chavez, Technical Assistance Officer acted as Secretary assisted by Mr. Javier Vittor, REDDIG Administrator.

### **ii-5. LIST OF CONCLUSIONS**

| <b>No.</b> | <b>Title</b>  | <b>Page</b> |
|------------|---|-------------|
| RCC/31-1   | INITIATION OF ARRANGEMENTS FOR THE INTERCONNECTION OF THE CANSNET – REDDIG NETWORKS | 1-2         |

**LISTA DE PARTICIPANTES / LIST OF PARTICIPANTS****ARGENTINA**

1. Hernán Aguirre
2. Malena Reinoso

**BOLIVIA**

3. Hernán Tito
4. Franz Poma
5. Grover Zabala
6. Javier Astorga

**BRASIL / BRAZIL**

7. Renata Frias
8. Jefferson Mario
9. Ailton Vasconcelos

**CHILE**

10. Christian Vergara

**COLOMBIA**

11. Andrés Colmenares
12. Robinson Quintero

**ECUADOR**

13. Nancy Tapia

**GUYANA**

14. Troy Gittens
15. Sewchan Hemchan

**PANAMÁ**

16. Daniel De Ávila

**PARAGUAY**

17. Alexander Aguayo
18. Jhonny L. Colman

**PERÚ / PERU**

19. Romel Tito
20. Andrés Arango

**TRINIDAD Y TOBAGO / TRINIDAD & TOBAGO**

21. Mikhael Ragbir
22. Satnarine Maharaj

**URUGUAY**

23. Ricardo Clavijo
24. Miguel Vera

**VENEZUELA**

25. Luis Escobar
26. Joselin Morales
27. Richard Canales
28. Josmer Franco
29. Marco Maldonado

**COCESNA**

30. Roger Pérez
31. Manuel Flores

**Otros Estados / Other States****CUBA**

32. Layla Rodríguez – Relatora del grupo de comunicaciones de CANSNET

**OACI / ICAO**

33. Verónica Chávez - ICAO SAM
34. Julio Siu - ICAO NACC
35. Mayda Ávila - ICAO NACC
36. Javier Vittor – REDDIG

## Agenda

### Item 1: Interconnection of the CANSNET and REDDIG Communication Networks

1.1 During the meeting, the representatives of the CANSNET network presented WP/01, which details the evolution of the CANSNET network and their technical proposal for interconnection with REDDIG.

1.2 It was stated that in order to effectively and efficiently meet the aeronautical telecommunications needs in the CAR and SAM Regions, it is proposed that the members of the CANSNET and REDDIG networks establish a Memorandum of Understanding (MoU) under the coordination of the ICAO North America, Central America and Caribbean (NACC) Office in Mexico City, Mexico, and the ICAO South America (SAM) Office in Lima, Peru; for this purpose, a joint analysis of the needs and requirements for the new interconnection is necessary.

1.3 On the other hand, it was noted in this paper that the CAR States propose to carry out the interconnection between CANSNET and REDDIG in a redundant manner.

1.4 Furthermore, the interconnection between both networks will be established at the data centers agreed upon by the providers of both networks, taking into account the benefits and facilities that these sites represent. The CAR and SAM States will pay, as applicable, their respective network providers the cost of interconnection for their networks, considering:

- a) The member States of CANSNET will share the cost of this connection among all, and this will be reflected in the contract.
- b) The interconnection arrangements for the REDDIG States will be managed with their own network provider.
- c) **No costs associated with the services and interconnection costs of the CANSNET Member States will be charged to REDDIG.**

1.5 Regarding the Memorandum of Understanding (MoU), which will clearly define the responsibilities, expectations, and commitments of each party involved, creating a structured framework to facilitate the management of interactions and services; it was proposed to start meetings in both networks to achieve its drafting and establishment.

1.6 Regarding the current needs of CANSNET, it was reported that given the urgency to act quickly on legal and technical aspects to avoid delays in the implementation, it is necessary to hold a meeting among the providers as soon as possible, with supervision from the designated personnel of both Projects, to evaluate and generate a proposal for the interconnection link.

1.7 It was reported that REDDIG was about to initiate a bidding process for the improvement of its MPLS network. This process would take place during 2025, with plans to become operational in 2026. Given this circumstance, it was not possible to guarantee that the arrangements reached among the providers would be the ones required later, as it was unknown who the new MPLS provider would be.

1.8 On the other hand, there were also inquiries about the cybersecurity needs that would arise from this interconnection, which would need to be addressed when designing the interconnection, as the transition between networks may present risks. At this point, it was proposed that during the meetings for the drafting of the MoU, these aspects be addressed to ensure that cybersecurity requirements are integrated from the start of the process.

1.9 In this regard, after evaluating the aforementioned points, it was proposed that, considering the current needs of CANSNET, the following be done:

- a) Gather the providers of both networks, with the presence of the Administrators and designated personnel representing the States, so they can propose a technical feasibility for interconnection. This meeting would be for informational purposes between both networks, without any commitment for REDDIG; and
- b) Initiate the necessary coordination so that in 2025 all required meetings take place between CANSNET and REDDIG to establish responsibilities, types of services, cybersecurity requirements, and any other necessary aspects, ensuring transparent information for the drafting of the MoU.

1.10 The States present agreed to continue with the meeting among the providers under these terms, except for two States, which needed to analyze the provided information. In this regard, the meeting reached the following conclusion:

| <b>CONCLUSION RCC/31-01</b>   |   | <b>INITIATION OF ARRANGEMENTS FOR THE INTERCONNECTION OF THE CANSNET – REDDIG NETWORKS</b> |  |
|---|---|--|--|
| <p><b>That,</b><br/>The Secretariat:</p> <ul style="list-style-type: none"> <li>a) For those States that requested more time for analysis, verify by October 29 the agreement to hold a meeting between the providers of both networks, with supervision from the States, so they can propose, for informational purposes, the technical feasibility of interconnection. This meeting among providers does not impose any commitment on REDDIG.</li> <li>b) Initiate the necessary coordination so that in 2025 all required meetings take place between CANSNET and REDDIG to establish responsibilities, types of services, cybersecurity requirements, and any other necessary aspects, ensuring transparent information for the drafting of the MoU.</li> </ul> | <p>Expected Impact:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Political / Global</li> <li><input type="checkbox"/> Inter-regional</li> <li><input checked="" type="checkbox"/> Economical</li> <li><input type="checkbox"/> Environmental</li> <li><input checked="" type="checkbox"/> Technical/Operational</li> </ul> |  |  |
| <b>Why:</b> To initiate the arrangements for the CANSNET-REDDIG interconnection   |   |  |  |
| <b>When:</b> Oct. 2024  |   | <b>Status:</b> In process  |  |
| <b>Who:</b> <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> Secretariat ICAO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others: Users / Industry  |   |  |  |