ICAO SOUTH AMERICAN REGIONAL OFFICE

MNEMONIC PAPER

12th Technical/Operational Meeting for the operation of the REDDIG II digital network (RTO/12) and training on technological tools for the analysis of voice and data applications transported in REDDIG (Rio de Janeiro, Brazil, October 26-30, 2026)	
Regional Project RLA/03/901 – REDDIG Management and Satellite Segment Administration System	The objective of Project RLA/03/901 is to establish a multinational mechanism for the administration of the South American Digital Network (REDDIG), taking into account regional developments on this matter. Likewise, until such multinational mechanism is established, the project will manage the REDDIG, will implement CNS/ATM applications in line with the requirements of the CAR/SAM FASID and the SAM Performance-based air navigation implementation plan, will take care of the rental of the satellite segment, and will take any necessary action to upgrade the network infrastructure, based on operational requirements and available technological developments The Technical-Operational meetings offer the opportunity for the REDDIG Administrator (Mr. José Manuel Flores) to present the activities carried out, provide guidance, and train State representatives on network equipment/systems. Where possible, RTO meetings are to be held in cities with REDDIG nodes, so that the Administrator may have the opportunity to make an inventory of the node, review its setup, cabling and condition of the equipment.
ICAO strategic objectives	A- Safety; and B- Air navigation capacity and efficiency ASBU: B0-FICE
Status of the SAM Region	REDDIG II currently comprises 32 nodes, with additional MPLS nodes located outside the SAM Region in the United States (2), COCESNA, AIREON, Madrid and Johannesburg. States use the network for the transmission of voice and data services, coordination between adjacent air traffic control centres, the exchange of Aeronautical Message Handling System (AMHS) messages, surveillance data, and other operational, administrative and technical maintenance information.
Nature of the event	This meeting is held annually and is aimed at enhancing and maintaining the competencies of the technical personnel responsible for operating REDDIG. The following activities are carried out during the Technical/Operational Meeting: • Presentation and detailed analysis of REDDIG performance;

	• Update and review of procedures for the maintenance and operation of REDDIG; • Exchange of experiences and knowledge about the operation of the nodes and the services that are taken; • Presentation of reports on activities, actions and cases related to REDDIG; • Preparation of work plans, proposals on training, purchase of spare parts and training, which are then submitted to the RCC for approval. • Aspects related to the coordination for the implementation of new services that will be transported by REDDIG; • Analysis of the requirements to improve network performance; and • Opportunity to provide knowledge transfer on the operation of the different services that are carried out in the network, also providing traffic analysis tools, interpretation of the information and importance of the services for the Region.
Profile of participants	Engineers or technicians with solid knowledge of telecommunications and the services supported by REDDIG.
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