



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

INFORMATION PAPER

E/CAR/NTG/13 & E/CAR/RD/11 — IP/03
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Thirteenth Eastern Caribbean Network Technical Group (E/CAR/NTG/13), Eleventh Eastern Caribbean Radar Data Sharing Ad hoc Group (E/CAR/RD/11) Meetings
(Miami, United States, 21 October 2024)

Agenda Item 3: Operation and Performance of the E/CAR Aeronautical Fixed Services (AFS) Network
3.3 Global Air Navigation Plan (ANP) Elements Implementation Group

Proposed voice interconnection between FAA and REDDIG

(Presented by United States)

EXECUTIVE SUMMARY

This paper presents information on the replacement of MEVA III voice connectivity between the Federal Aviation Administration (FAA) and the South America Red Digital (REDDIG) MPLS Network.

Strategic Objectives:

- Safety
- Air Navigation Capacity and Efficiency
- Security & Facilitation
- Economic Development of Air Transport
- Environmental Protection

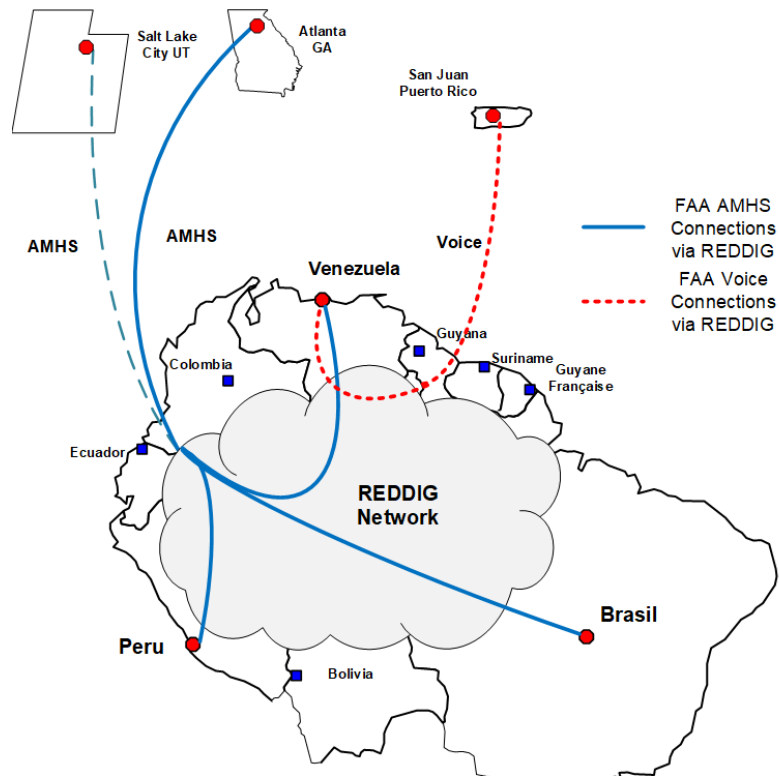
1. Introduction

1.1 This paper shares information on a replacement connection between the Federal Aviation Administration (FAA) and the South America REDDIG network for voice traffic.

2. Discussion

2.1 The FAA has two MEVA III satellite voice circuits from the San Juan Combined Center Approach Control (CERAP) to Maiquetía, Venezuela to support their Flight Information Region (FIR) boundary.

2.2 The current MEVA III contract, ending in March 2025, supports a MEVA terminal at Maiquetía. Activities are underway to extend the MEVA III contract to March 2026 when it will be replaced with CANSNET. The intention is that CANSNET will establish a Network-Network Interface (NNI) connection to REDDIG to support existing data connections from Atlanta and Salt Lake City, and voice connections from San Juan.



2.3 To mitigate any delay in establishing the CANSNET-REDDIG interface, the FAA is implementing a direct connection to REDDIG from San Juan with the intent to establish VoIP connections between San Juan and Maiquetía.