



Agenda Item 3: Report on the activities carried out to date since the last meeting of the Coordination Committee

**PROPOSED COCESNA SERVICES THROUGH THE REDDIG MPLS
NODE OF ILOPANGO, EL SALVADOR**

(Presented by COCESNA)

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| SUMMARY | |
| The purpose of this working paper is to introduce participants to the services that COCESNA intends to provide through the ground node implemented in Ilopango, El Salvador. | |
| REFERENCES | |
| • Reports of the last meetings of the REDDIG Coordination Committee (RCC/24; RCC/25; RCC/26; RCC/27). | |
| ICAO strategic objectives: | <i>A – Safety</i> <i>B – Air navigation capacity and efficiency</i> |

1. Introduction

1.1 A REDDIG interconnection node was implemented in COCESNA to meet communications requirements between the CENAMER and the Bogotá FIRs and between the CENAMER and Guayaquil FIRs. This interconnection was implemented via satellite link (VSAT). The MEVA-REDDIG VSAT node of COCESNA is located in Tegucigalpa, Honduras, at COCESNA headquarters.

1.2 As of 28 March 2022, a REDDIG II MPLS node has been connected at the facilities of COCESNA in Ilopango, El Salvador.

1.3 As a contingency strategy, COCESNA implemented in Ilopango, El Salvador, at its training institute, an ATS simulator that can also be configured as an operational control centre in order to provide services in the event that the Tegucigalpa ACC loses its operational capabilities. All the services necessary for this function are connected to this back-up centre.

1.4 Likewise, the AMHS back-up of COCESNA operates at the El Salvador facility as redundancy for aeronautical messaging in Central America.

1.5 This working paper addresses the need of COCESNA to implement voice and data services using the new ground node implemented in Ilopango, El Salvador, within the framework of the MEVAIII - REDDIG II interconnection.

1.6 Considering the expanded capabilities that this new node provides, the objective is to address various communication needs that were currently limited because of the VSAT connection.

2. Services to be implemented

2.1 The services considered for implementation through the COCESNA REDDIG MPLS node are as follows:

- a) CENAMER - Bogotá ATS channels
- b) CENAMER - Guayaquil ATS channels
- c) CENAMER - Bogotá AMHS interconnection
- d) CENAMER - Guayaquil AMHS interconnection
- e) CENAMER - Lima AMHS interconnection, as an alternative for delivering international messaging.
- f) CENAMER - FAA AMHS interconnection
- g) COCESNA - AIREON connection for the provision of satellite ADS-B data
- h) Data interconnection for possible radar data exchanges (CENAMER - Colombia, CENAMER - Ecuador)

3 Suggested action

3.1 The Coordination Committee is invited to:

- a) take note of the information presented herein;
- b) review the communications proposed in item 2.1; and
- c) address other issues it may deem appropriate.

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