



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

INTERCONNECTION STATUS OF THE AMHS SYSTEM OF VENEZUELA

(Presented by Venezuela)

SUMMARY	
This information paper presents the progress made in efforts to coordinate the interconnection and exchange of aeronautical messages between the AMHS COM centres of the SAM Region and Venezuela, through REDDIG II.	
REFERENCES	
<ul style="list-style-type: none">• Twenty-sixth meeting of the Coordination Committee (RCC/26) (Virtual, 2-5 March 2021)• Letter LN 3/20.2 – SA5106, from the ICAO South American Regional Office (Lima)	
ICAO strategic objectives:	<i>A – Safety</i> <i>B - Air navigation capacity and efficiency</i>

1. Background

1.1 The Venezuelan AFTN aeronautical message handling system (AMHS) was acquired through COMSOFT in December 2016 and installed in September 2017 to replace the old AFTN/AMHS and to interconnect Venezuela with adjacent FIRs (Colombia, Brazil, Peru, Curaçao, Aruba, Ecuador, Trinidad, Guyana, Suriname, United States, Spain) for receiving and sending aeronautical messages (flight plans, NOTAMs, meteorology, etc.).

1.2 Interconnections between Venezuela and SAM States are achieved by virtue of the participation of AMHS staff in REDDIG II courses and meetings, teleconferences and the constant exchange of information with the technical and operational staff of each State, in addition to the support of the REDDIG Administration, ICAO Regional officers and the aeronautical authority of the country.

1.3 REDDIG II has made a significant contribution to communications between States and thus, to a notorious evolution in voice and data communications, enabling AMHS (P1) connections in almost all the States with which Venezuela has interconnection.

1.4 During the current year, Venezuela has endeavoured to continue with the important task of interconnecting States and increasing interconnection with other systems that need to be integrated with AMHS, at both national or international level.

2. Discussion

2.1 In light of the above and aware of the project to install a node of the REDDIG II ground network in Madrid, Venezuela expressed at the Twenty-sixth meeting of the Coordination Committee (RCC/26), held virtually on 2-5 March 2021, its interest in restoring this connection through the new node to be implemented.

2.2 An agreement was reached for the future AMHS (P1) connection, with the participation of Argentina, Brazil and Venezuela. In coordination with the REDDIG administrator, the counterparts from Spain and Venezuela, together with the ICAO CNS regional officer, defined the following steps for the the interconnection between the two States:

- On 17 November 2022, the first pre-operational test meeting was held, in which relevant information was exchanged between the two MTAs.
- On 23 January 2023, coordination was resumed for the conduction of pre-operational tests.
- On 2 February 2023, pre-operational testing begins on the test platform MTAs of both States.
- On 14 February, pre-operational testing on the operational MTAs is completed and the (two-way) exchange of operational messages between the two MTAs is successfully started.
- On 23 February, all messaging between the two States is formally established.

2.3 At present, the AFTN/AMHS system has thirteen (13) international interconnections and since its implementation, major achievements have been made with the AMHS (P1) interconnections with the following States of the SAM Region (in chronological order):

• Lima (Peru)	AMHS/P1 connection	November/2017
• Bogotá (Colombia)	AMHS/P1 connection	December/2017
• Brasilia (Brazil)	AMHS/P1 connection	February/2018
• Quito (Ecuador)	AMHS/P1 connection	September/2018
• Paramaribo (Suriname)	AMHS/P1 connection	March/2019
• Georgetown (Guyana)	AMHS/P1 connection	May/2019
• Cayenne (French Guiana)	AMHS/P1 connection	January/2020
• Piarco (Trinidad and Tobago)	AMHS/P1 connection	September/2020
• Atlanta (United States)	AMHS/P1 connection	November/ 2021
• Ezeiza (Argentina)	AMHS/P1 connection	June/2022 (extra plan)
• COCESNA	AMHS/P1 connection	November/2022 (extra plan)
• Madrid (Spain)	AMHS/P1 connection	February/2023

2.4 Venezuela, being one of the primary nodes for aeronautical messaging in the SAM Region, has a direct connection with MEVA, through which communication with Curaçao is maintained using the AFTN connection.

3. Suggested action

The Meeting is invited to:

- a) take note of the information presented herein; and
- b) continue making efforts to coordinate with the States involved for prompt activation of AMHS interconnections.

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