



ICAO

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North American, Central American and Caribbean Office

WORKING PAPER

ANI/WG/5 — WP/15  
08/05/19

**Fifth NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/5)**  
Mexico City, Mexico, 27 to 31 May, 2019

- Agenda Item 2:**      **Review and Follow-up to Valid Conclusions/Decisions of the ANI/WG/04, NACC/WG/05 and GREPECAS/18 Meetings**
- 2.1      **Follow-up and performance and monitoring assessment of the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)**
- 2.1.1      **Progress reports of the Task Forces of the ANI/WG. States' implementation status.**

**ANI/WG AERONAUTICAL MESSAGE HANDLING SYSTEM (AMHS)  
IMPLEMENTATION TASK FORCE PROGRESS REPORT**

(Presented by ANI/WG AMHS Task Force Rapporteur)

**EXECUTIVE SUMMARY**

This working paper presents the progress achieved by the AMHS Task Force since its creation in the ANI/WG/1 Meeting. Following the work programme of the Task Force and its deliverables, the note includes the results for these deliverables and recommendations for actions to be taken by the Task Force while improving the Task Force function and coordination

<b>Action:</b>	Described in Section 4.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)</li><li>• Fourth NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/4), Miami, United States, 21 to 24 August 2018</li></ul>

**1. Introduction**

1.1      The AMHS Task Force was formed in order to streamline activities related to air navigation implementation. Implementation of AMHS shall be completed in accordance with the Regional AMHS Implementation Plan.

## 2 Discussion

2.1 Since the last ANI/WG/4 Meeting, held in Miami, U.S.A., 21-24 August 2018, the NAM/CAR Region has continued to make progress in transition to AMHS although effort has been diverted to counter telecommunication carriers' sunseting of Time-Division Multiplexing (TDM) services on which voice and data services typically depend. Fortunately, the remaining X.25 countries are only dependent on the serial services provided by the MEVA and REDDIG networks that are continuing. The table below shows the current FAA AMHS transition status.

OPERATIONAL (AMHS)		TESTING (AMHS)		REMAINING (X.25)	
Aruba	(MEVA)	Bahamas	(MEVA)	Haiti <sup>2</sup>	(MEVA)
Canada	(Landline)	Brazil	(MEVA/REDDIG)	Peru	(MEVA/REDDIG)
Cayman Is.	(MEVA)			Venezuela	(MEVA/REDDIG)
Cuba	(MEVA)				
Curacao*	(MEVA)				
Dominican Republic	(MEVA)				
Jamaica	(MEVA)				
Mexico*	(Landline)				
Panama	(MEVA)				
Sint Maarten <sup>1</sup>	(MEVA)				
Trinidad	(Landline)				
COCESNA	(MEVA)				

\* Country transitioned to AMHS since ANI/WG/4, 2018.

<sup>1</sup> Sint Maarten AMHS service was recovered in December 2018 following Hurricane Irma.

<sup>2</sup> Makes and receives X.25 calls (the operation will change in future)

2.2 Please note there are three remaining States that have not transitioned to AMHS and must commence the transition process as soon as possible. The FAA has a well-developed transition process designed to ease the effort required from transitioning States.

2.3 The remaining X.25 connections are in the process of being moved from the FAA's obsolete X.25 network to temporary X.25 interfaces support by CISCO routers. The FAA X.25 network is beyond the end of Life and has no active vendor maintenance and is being decommissioned.

## 3 Conclusion

3.1 Continued support for X.25 AFTN support will be provided temporarily by CISCO routers. Remaining States that have not yet transitioned to AMHS must quickly begin the execution of their plans or risk the possible disruption of AFTN message service.

**4 Suggested Action**

4.1 The Meeting is invited to:

- a) review the information presented in the working paper;
- b) review and update the AMHS Implementation matrix shown in this Working Paper; and
- c) take note and coordinate with the AMHS Task Force on actions identified under paragraph 2.3.