



ICAO

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

DISCUSSION PAPER

ANI/WG/2 — DP/07
01/06/15

Second NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/2)
Puntarenas, Costa Rica, 1 to 4 June 2015

Agenda Item 4 Follow-up on the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (NAM/CAR RPBANIP)

4.1 Progress reports of the Task Forces and the ANI/WG

AERONAUTICAL MESSAGE HANDLING SYSTEM (AMHS) TASK FORCE REPORT

(Presented by AMHS Task Force Rapporteur)

EXECUTIVE SUMMARY	
This Working Paper presents the results for the AMHS Task Force Coordination Meeting during the ANI/WG/2.	
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency• Environmental Protection
<i>References:</i>	<ul style="list-style-type: none">• First NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/1) Report, Mexico City, Mexico, 29 July to 1 August 2013• AMHS Task Force Teleconferences

1. Introduction

1.1 The AMHS Implementation Task Force met during the ANI/WG/2 Meeting held in Puntarenas, Costa Rica, from 1 to 4 June 2015. The purpose of this Task Force Meeting was to update accordingly the Matrix for Implementation of AMHS in the CAR Region.

1.2 Members from Cuba, Dominican Republic, Trinidad and Tobago, and FAA participated in the Meeting.

2. Discussion

2.1 The Task Force agreed that implementation of AMHS in the CAR Region should proceed with the new MEVA III Network using the approved IPv4 addressing scheme. At this time, Cuba, Cayman Islands and Trinidad and Tobago continue their required testing prior to implementation.

2.2 The Task Force updated the existing CAR Region Implementation Matrix (**attached**) with information provided by Members attending the Meeting, and urges the Member States to continue updating Matrix as accurate and soon as possible in order to better schedule testing and implementation.

2.3 The upcoming ATN Application Workshop scheduled for 27-30 October 2015 in St Maarten was also noted. Members should take this opportunity to exchange information in order to advance in the implementation of AMHS.

3. Suggested Action

3.1 The Meeting is invited to adopt the following draft conclusion:

DRAFT CONCLUSION

ANI/WG/2/xx

AMHS IMPLEMENTATION PROCESS IN THE CAR REGION

That CAR Region Members are invited to:

- a) update accordingly the CAR Region Implementation Matrix;
- b) take advantage of ATN Application Workshop to exchange information and advance the implementation; and
- c) the updated version of IPv4 1.1 continues been adopted for the implementation of AMHS in the Region.

APPENDIX

Update: May 2015													CAR Region AMHS Implementation Matrix												
Administration	STATUS	System Description					System implementation milestones				(COM CHART) Connection with	POC	Remarks												
		Location of Facility	AMHS Facility Type	AMHS Vendor	Current Facility Type	Current Vendor	AMHS System Procurement Date	AMHS System Implementation Date	AMHS Interoperability Test	AMHS Service Cutover															
Aruba	Under Study	Aruba										United States	Joseito Andrade	5-2015 In the process of changing AFTN PAD. No projected date for AMHS											
Bahamas		Nassau					1Q2011 mtg FAA Feb 11	Jun 2011	Jun2011 begin testing			United States	Hillard Walker	Q2 2011: will engage an Isode Integrator to provide an AMHS 5-2015 No recent updates											
Cayman Islands	Establishment of Testing Circuit	Grand Cayman	MTA + UA	Frequentis	AFTN switch	Frequentis	end 1Q2011	4Q 2014	2Q2015	TBD		United States	Wayne DaCosta	5-2015 System implemented but not operational. Interoperability testing in process											
Dominican Republic	Implemented	Santo Domingo	AMHS - MTA/UAs	Ubitech	AFTN Switch		already	Jan2011	May 2012	Sep 2012		United States	Fernando Casso	Originally implemented on MEVA II. Successfully transitioned to MEVA III											
Cuba	Interoperability Testing in process	La Habana	AMHS - MTA/UAs	ISODE/ In-house	AFTN Switch	Own system	N/A	TBD	2014Q4 - 2015Q2	Sept 2015		United States	Carlos Jimenez y Layla Rodriguez, Carmen de Armas	5-2015 Parts of the Interoperability Testing was performed over a test circuit on MEVA II; Testing resumed once the test circuit was migrated to MEVA III											
Haiti	Under Study	Port-au-Prince	TBD	TBD	AFTN User	DSA	10/15	03/16	05/16	09/16		United States	Emmanuel Jacques	06/15 - Current vendor needs to be verify. Updated system implementation milestone.											
COCESNA	System Implemented- ready for testing	Tegucigalpa	AMHS Gateway	ISODE/ In-house	AFTN Switch	COCESNA	N/A	TBD	TBD	TBD		Belize - MTA Guatemala - MTA Managua - MTA Mexico - MTA San Jose - MTA San Pedro Sula - MTA San Salvador - MTA United States	Mayda Avila Oscar Villela	5-15 Testing with FAA on hold pending notification from COCESNA											
								TBD	TBD	TBD															
								1Q 2013	1Q 2013	1Q 2013															
								TBD	TBD	TBD															
								1Q 2013	1Q 2013	TBD															
								TBD	TBD	TBD															
								1Q2011	Jun 2012	Sep 2012															
Jamaica	System Implemented - ready for testing	Kingston	AMHS G/W	TBD	AFTN Switch	TBD	Q2-2012		Aug 2012	Oct 2012		United States	Gordon/Derrick Grant	5-15 No updates											
Mexico	Coordination initiated	Mexico										Centro-America United States		5-2015 Initiated coordination with SENEAM											
Curacao	Scheduled for testing	Curacao	AMHS MTA	Ubitech	AMHS System	Ubitech	May 2012	Jul 2012	Sept 2015	Feb 2016		Caracas- MTA	Jean Baptiste Getrouw	5-15 no updates											
Trinidad and Tobago	Implemented- for testing	Port-of-Spain	AMHS MTA/UAs/Gateway	Comsoft	AFTN Switch	Thales	Apr 2012	Sep 2012	Sep 12	Sep 12	Anguilla	Veronica Ramdath Randy Gomez	5-15 Interoperability testing in process. 6-1-15 Testing to continue after MEVA III implementation. FAA to start coordination with T&T the week of 8 June 2015. End-to-end Testing will be coordinated in segment.												
									Sep 12	Sep 12	Antigua														
									Sep 12	Sep 12	Barbados-UA														
									Sep 12	Sep 12	Caracas- MTA														
									Sep 12	Sep 12	Dominica - UA														
									Sep 12	Sep 12	Fort-de-France- UA														
									Sep 12	Sep 12	Georgetown-UA														
									Sep 12	Sep 12	Grenada-UA														
									Sep 12	Sep 12	Montserrat-UA														
									Sep 12	Sep 12	Pointe-a-Pitre- MTA														
									Sep 12	Sep 12	Saint K&ats and Nevis-UA														
									Sep 12	Sep 12	Saint Lucia-UA														
									Sep 12	Sep 12	Saint Vincent-UA														
									2015Q2	TBD	United States														
									Turks and Caicos	Scheduled for testing	Providenciales			MTA	Stonefield Sys	AFTN Term	Stonefield Sys	1Q 2012	2Q 2012	Feb 2013	Mar 2013		United States	Emmanuel Rigby John T. Smith	5-2015 No updates
Sint Maarten	Coordination Initiated		AMHS MTA	IDS	AFTN Switch		2014Q1		2015Q3	TBD		United States	Lloyd Hinds	Project to resume after implementation of MEVA III											
United States		Atlanta	AMHS G/W	U.S.A.	AFTN Switch	U.S.A.	now	now				Aruba Brazil Caracas Cayman Centro America Curacao Grand Turk La Habana Kingston Lima Mexico Nassau-S Panama Port-au-Prince Port-of-Spain Saint Maarten Santa Domingo Tortola	Dulce Roses	5-15 see notes											