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

#### **WORKING PAPER**

ANI/WG/2 — WP/11 22/05/15

### 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)

This Working Paper Task Force	EXECUTIVE SUMMARY er presents the latest updated on the work carried out by the AMHS								
Action: Suggested action is indicated in section 3									
Strategic Objectives:	<ul> <li>Safety</li> <li>Air Navigation Capacity and Efficiency</li> <li>Environmental Protection</li> </ul>								
References:	<ul> <li>First NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/1), Mexico City, Mexico, 29 July to 1 August 2013, Report</li> <li>AMHS Task Force Teleconferences</li> </ul>								

#### 1. Introduction

- 1.1 During the first ANI/WG meeting, an AMHS Implementation Task Force was formed in order to streamline related air navigation implementation activities. This Task Force shall complete AMHS implementation in accordance with the Regional AMHS Implementation Plan as well as update and report progress to the ANI/WG based on the action plan for these tasks.
- 1.2 Since then, there has been little but positive results in the implementation area as well as IPv4 Addressing Scheme. With the successful transition from MEVA II to MEVA III it is expected the transition will progress.

#### 2. Discussion

- During the last ANI/WG/1 Meeting held at the ICAO NACC Regional Office, Mexico City, Mexico, 29 July to 1 August 2013, Representative from Dominican Republic presented a Working Paper indicating errors detected in the proposed IPv4 addressing scheme and a proposal to amend them. This proposal was reviewed and a new version was approved as Version 1.1 (**Appendix A**). Based on this version the AMHS interconnections of Dominican Republic-Atlanta and the Cuba-Atlanta have been deploy using these addresses, similarly is being done for the rest of interconnections.
- 2.2 The Task Force held a Teleconference on April 2015 to review the AMHS Regional Implementation Plan. The Task Force acknowledges that, even though several States are in preparation for testing AMHS, most were waiting for the transition from MEVA II to MEVA III to continue the process. Up to date, Dominican Republic has successfully transition to AMHS. Curacao received the assistance of a *Go-Team* mission from the CAR RLA/09/801 Project, advancing in their preparation and to test now that the MEVA III network is operative. Mexico is scheduled for a similar AMHS *Go-Team* mission for 2015.
- 2.3 Other States such as Cuba, Cayman Island and Trinidad and Tobago continue requiring testing prior to implementation. An updated of the AMHS implementation matrix was achieved and it is presented with the implementation schedules under **Appendix B** of this working paper.
- 2.3 The Task Force also reviewed the AMHS Terms of Reference Work Programs without comments or modification to the existing ToRs.

#### 3. Suggested Action

- 3.1 The Meeting is invited to
  - a) review the information presented in the working paper;
  - b) review and update the AMHS Implementation matrix shown in Appendix B; and
  - c) following the work programme of the AMHS TF, inform if any other task be may considered.

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# APPENDIX A

## PROPOSAL FOR THE UPDATE OF THE IPV4 ADDRESS PLAN FOR G-G ROUTERS BETWEEN STATES IN THE CAR REGION

Network: 10.31.224.0/19

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				Network Address	10.31.224.0/30
1	10.31.224.0/30	A a:1a	E/CAD	Trinidad & Tobago (Piarco)	10.31.224.1/30
1	10.31.224.0/30	Anguila	E/CAR	Anguila	10.31.224.2/30
			E/CAR  Anguila  Broadcast Address  Network Address  Trinidad & Tobago (Piarco)  Antigua  Broadcast Address  Network Address  Jamaica (Kingston)  Aruba  Broadcast Address  Network Address  Haiti (Port-au-Prince)  Bahamas / Nassau	10.31.224.3/30	
				Network Address	10.31.224.4/30
2	10.31.224.4/30	Antique	E/CAD	Trinidad & Tobago (Piarco)	10.31.224.5/30
2	10.51.224.4/30	Antigua	E/CAK	Antigua	10.31.224.6/30
				Broadcast Address	10.31.224.7/30
				Network Address	10.31.224.8/30
3	10.31.224.8/30	31.224.8/30 Aruba	MEVA	Jamaica (Kingston)	10.31.224.9/30
3			MEVA	Aruba	10.31.224.10/30
				Broadcast Address	10.31.224.11/30
			MEVA -	Network Address	10.31.224.12/30
4	10.31.224.12/30	Bahamas / Nassau		Haiti (Port-au-Prince)	10.31.224.13/30
4	10.31.224.12/30			Bahamas / Nassau	10.31.224.14/30
				Broadcast Address	10.31.224.15/30
				Network Address	10.31.224.16/30
5	10 31 224 16/30	31.224.16/30 Barbados	E/CAR	Barbados	10.31.224.17/30
3	10.31.224.10/30		E/CAK	Trinidad & Tobago (Piarco)	10.31.224.18/30
				Broadcast Address	10.31.224.19/30
				Network Address	10.31.224.20/30
6	10.31.224.20/30	Police / Police	CAMSAT	Belice / Belice	10.31.224.21/30
0	10.51.224.20/30	24.20/30 Belice / Belice	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.22/30
				Broadcast Address	10.31.224.23/30
7	10.31.224.24/30	British Virgin Islands / Tortola	MEVA	Network Address	10.31.224.24/30
	10.51.224.24/30	Ditusii viigiii Islands / Tottola	WIE VA	British Virgin Islands / Tortola	10.31.224.25/30

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				United States of America (Miami)	10.31.224.26/30
				Broadcast Address	10.31.224.27/30
				Network Address	10.31.224.28/30
0	10 21 224 20/20		MENA	Cayman I.	10.31.224.29/30
8	10.31.224.28/30	Cayman I.	MEVA	Jamaica (Kingston)	10.31.224.30/30
				Broadcast Address	10.31.224.31/30
				Network Address	10.31.224.32/30
9	10 21 224 22/20	Conta Dina (San Ingé)	CAMSAT	Costa Rica (San José)	10.31.224.33/30
9	10.31.224.32/30	Costa Rica (San José)	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.34/30
				Broadcast Address	10.31.224.35/30
				Network Address	10.31.224.36/30
10	10.31.224.36/30	Cuba / La Habana	MEVA	Cuba (La Habana)	10.31.224.37/30
10	10.31.224.30/30	Cuba / La Habana	MEVA	Haiti (Port-au-Prince)	10.31.224.38/30
				Broadcast Address	10.31.224.39/30
	10.31.224.40/30	0/30 Cuba / La Habana		Network Address	10.31.224.40/30
11			MEVA -	Cuba (La Habana)	10.31.224.41/30
11	10.31.224.40/30	Cuba / La Habana		Jamaica (Kingston)	10.31.224.42/30
				Broadcast Address	10.31.224.43/30
				Network Address	10.31.224.44/30
				Cuba (La Habana)	10.31.224.45/30
12	10.31.224.44/30	Cuba / La Habana	MEVA	Honduras (COCESNA) Tegucigalpa	10.31.224.46/30
				Broadcast Address	10.31.224.47/30
				Network Address	10.31.224.48/30
13	10.31.224.48/30	Cuba / La Habana	TBD	Cuba (La Habana)	10.31.224.49/30
13	10.51.224.46/30	Cuba / La Habana	עמו	México (Mérida)	10.31.224.50/30
				Broadcast Address	10.31.224.51/30
				Network Address	10.31.224.52/30
14	10.31.224.52/30	Curaçao	MEVA	Curação	10.31.224.53/30
				SAT  Costa Rica (San José)  Honduras (COCESNA) Tegucigalpa  Broadcast Address  Cuba (La Habana)  Haiti (Port-au-Prince)  Broadcast Address  Cuba (La Habana)  Jamaica (Kingston)  Broadcast Address  Cuba (La Habana)  Honduras (COCESNA)  Tegucigalpa  Broadcast Address  Network Address  Cuba (La Habana)  Honduras (COCESNA)  Tegucigalpa  Broadcast Address  Cuba (La Habana)  México (Mérida)  Broadcast Address  Network Address  Cuba (La Habana)	10.31.224.54/30

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				Broadcast Address	10.31.224.55/30
				Network Address	10.31.224.56/30
1.5	10 21 224 56/20		MENA	Curação	10.31.224.57/30
15	10.31.224.56/30	Curaçao	MEVA	Haiti (Port-au-Prince)	10.31.224.58/30
				Broadcast Address	10.31.224.59/30
				Network Address	10.31.224.60/30
1.0	10 21 224 (0/20		MENA	Curação	10.31.224.61/30
16	10.31.224.60/30	Curaçao	MEVA	Puerto Rico (San Juan)	10.31.224.62/30
				Broadcast Address	10.31.224.63/30
				Network Address	10.31.224.64/30
17	10 21 224 (4/20	Dominican Republic / Santo Domingo	MEVA	Dominican Republic (Santo Domingo)	10.31.224.65/30
17	10.31.224.64/30			Haiti (Port-au-Prince)	10.31.224.66/30
				Broadcast Address	10.31.224.67/30
			MEVA	Network Address	10.31.224.68/30
18	10 21 224 69/20			United States of America (Miami)	10.31.224.69/30
18	10.31.224.68/30	Dominican Republic / Santo Domingo		Dominican Republic (Santo Domingo)	10.31.224.70/30
				Broadcast Address	10.31.224.71/30
				Network Address	10.31.224.72/30
19	10.31.224.72/30	Deminies	E/CAD	Dominica	10.31.224.73/30
19	10.31.224.72/30	1.224.72/30 Dominica E/CAR Trinidad & Tobago (Piarco)		Trinidad & Tobago (Piarco)	10.31.224.74/30
				Broadcast Address	10.31.224.75/30
				Network Address	10.31.224.76/30
20	10.31.224.76/30	El Salvador / San Salvador	CAMSAT	El Salvador	10.31.224.77/30
20	10.31.224.76/30	El Salvador / San Salvador	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.78/30
				Broadcast Address	10.31.224.79/30
				Network Address	10.31.224.80/30
21	10 21 224 90/20	Engel Antilles (Condeleure) / Deinte Pite	E/CAR	French Antilles (Martinique) / Fort-de-France	10.31.224.81/30
21	10.31.224.80/30	French Antilles (Guadeloupe) / Point-a-Pitre		Trinidad & Tobago (Piarco)	10.31.224.82/30
				Puerto Rico (San Juan)  Broadcast Address  Network Address  Dominican Republic (Santo Domingo)  Haiti (Port-au-Prince)  Broadcast Address  Network Address  United States of America (Miami)  Dominican Republic (Santo Domingo)  Broadcast Address  Network Address  Network Address  Dominica  Trinidad & Tobago (Piarco)  Broadcast Address  Network Address  El Salvador  Honduras (COCESNA) Tegucigalpa  Broadcast Address  Network Address  French Antilles (Martinique) / Fort-de-France	10.31.224.83/30

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				Network Address	10.31.224.84/30
22	10.31.224.84/30	French Antilles (Guadeloupe) / Point-a-Pitre	E/CAR	French Antilles (Guadeloupe) / Point-a-Pitre	10.31.224.85/30
22	10.51.224.64/30	Prench Antines (Guadeloupe) / Point-a-Pitre	E/CAR	Trinidad & Tobago (Piarco)	10.31.224.86/30
				Broadcast Address	10.31.224.87/30
				Network Address	10.31.224.88/30
23	10.31.224.88/30	Grenada	E/CAR	Grenada	10.31.224.89/30
23	10.51.224.66/30	Grenada	E/CAK	Trinidad & Tobago (Piarco)	10.31.224.90/30
				Broadcast Address	10.31.224.91/30
				Network Address	10.31.224.92/30
24	10.31.224.92/30	Customala (La Augura)	CAMSAT	Guatemala (La Aurora)	10.31.224.93/30
24	10.31.224.92/30	Guatemala (La Aurora)	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.94/30
				Broadcast Address	10.31.224.95/30
		.96/30 Haiti / Port-au-Prince	MEVA	Network Address	10.31.224.96/30
25	10.31.224.96/30			Haiti (Port-au-Prince)	10.31.224.97/30
23	10.51.224.90/30			Jamaica (Kingston)	10.31.224.98/30
				Broadcast Address	10.31.224.99/30
				Network Address	10.31.224.100/30
26	10.31.224.100/30	Honduras / Tegucigalpa (COCESNA)	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.101/30
20	10.31.224.100/30	Holiduras / Tegucigaipa (COCESNA)		Honduras (San Pedro Sula)	10.31.224.102/30
				Broadcast Address	10.31.224.103/30
				Network Address	10.31.224.104/30
27	10.31.224.104/30	Handagas / Tagasicales (COCESNA)	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.105/30
21	10.31.224.104/30	Honduras / Tegucigalpa (COCESNA)	CAMSAT	Panamá	10.31.224.106/30
				Broadcast Address	10.31.224.107/30
				Network Address	10.31.224.108/30
28	10.31.224.108/30	Honduros / Toqueicoles (COCESNA)	CAMSAT -	Honduras (COCESNA) Tegucigalpa	10.31.224.109/30
28	10.51.224.108/30	Honduras / Tegucigalpa (COCESNA)		United States of America (Miami)	10.31.224.110/30
				Broadcast Address	10.31.224.111/30
29	10.31.224.112/30	Honduras / Tegucigalpa (COCESNA)	MEVA	Network Address	10.31.224.112/30

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				Honduras (COCESNA) Tegucigalpa	10.31.224.113/30
				México (Mérida)	10.31.224.114/30
				<b>Broadcast Address</b>	10.31.224.115/30
				Network Address	10.31.224.116/30
30	10.31.224.116/30	Honduras / Tegucigalpa (COCESNA)	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.117/30
				NAM (Atlanta)	10.31.224.118/30
				<b>Broadcast Address</b>	10.31.224.119/30
				Network Address	10.31.224.120/30
31	31 10.31.224.120/30	México / Mérida	TBD	México (Mérida)	10.31.224.121/30
31	10.31.224.120/30	NAM (Atlanta)		NAM (Atlanta)	10.31.224.122/30
				<b>Broadcast Address</b>	10.31.224.123/30
		24.124/30 Montserrat	E/CAR -	Network Address	10.31.224.124/30
32	10.31.224.124/30			Montserrat	10.31.224.125/30
32	10.31.224.124/30			Trinidad & Tobago (Piarco)	10.31.224.126/30
				<b>Broadcast Address</b>	10.31.224.127/30
		4.128/30 Puerto Rico / San Juan		Network Address	10.31.224.128/30
33	10.31.224.128/30		E/CAR	Puerto Rico (San Juan)	10.31.224.129/30
33	10.31.224.126/30		E/CAR	United States of America (Miami)	10.31.224.130/30
				<b>Broadcast Address</b>	10.31.224.131/30
				Network Address	10.31.224.132/30
34	10.31.224.132/30	Puerto Rico / San Juan	MEVA / REDDIG	Puerto Rico (San Juan)	10.31.224.133/30
34	10.31.224.132/30	ruerto Rico / San Juan	WEVA/ REDDIG	SAM (Caracas)	10.31.224.134/30
				<b>Broadcast Address</b>	10.31.224.135/30
				Network Address	10.31.224.136/30
35	10 21 224 126/20	Coint Vitta & Navia / Coint Vitta	E/CAD	Saint Kitts & Nevis / Saint Kitts	10.31.224.137/30
33	10.31.224.136/30	36/30 Saint Kitts & Nevis / Saint Kitts	E/CAR	Trinidad & Tobago (Piarco)	10.31.224.138/30
				<b>Broadcast Address</b>	10.31.224.139/30
26	10 21 224 140/20	Saint Kitts & Nevis / Nevis	E/CAR	Network Address	10.31.224.140/30
36	10.31.224.140/30	Saint Kitts & Inevis / Inevis	E/CAK	Saint Kitts & Nevis / Nevis	10.31.224.141/30

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				Trinidad & Tobago (Piarco)	10.31.224.142/30
				Broadcast Address	10.31.224.143/30
				Network Address	10.31.224.144/30
27	10 21 224 144/20		E/CAD	Saint Lucia	10.31.224.145/30
37	10.31.224.144/30	Saint Lucia	E/CAR	Trinidad & Tobago (Piarco)	10.31.224.146/30
				Broadcast Address	10.31.224.147/30
				Network Address	10.31.224.148/30
	29 10 21 224 149/20			Sint Marteen	10.31.224.149/30
38	10.31.224.148/30	Sint Marteen	MEVA	United States of America (Miami)	10.31.224.150/30
				<b>Broadcast Address</b>	10.31.224.151/30
				Network Address	10.31.224.152/30
39	10.31.224.152/30	Sint Marteen	E/CAR	Sint Marteen	10.31.224.153/30
39	10.31.224.132/30			Trinidad & Tobago (Piarco)	10.31.224.154/30
				Broadcast Address	10.31.224.155/30
			E/CAR	Network Address	10.31.224.156/30
40	10.31.224.156/30			Saint Vicent & the Grenadines	10.31.224.157/30
40	10.31.224.130/30	Saint Vicent & the Grenadines		Trinidad & Tobago (Piarco)	10.31.224.158/30
				Broadcast Address	10.31.224.159/30
				Network Address	10.31.224.160/30
				Turks & Caicos / Grand Turk	10.31.224.161/30
41	10.31.224.160/30	Turks & Caicos / Grand Turk	MEVA	United States of America (Miami)	10.31.224.162/30
				<b>Broadcast Address</b>	10.31.224.163/30
				Network Address	10.31.224.164/30
40	10 21 224 164/20	Third O Talana (SAM (Managala)	E/CAD	Trinidad & Tobago (Piarco)	10.31.224.165/30
42	10.31.224.164/30	Trinidad & Tobago / SAM (Venezuela)	E/CAR	SAM (Caracas)	10.31.224.166/30
			Ţ	<b>Broadcast Address</b>	10.31.224.167/30
				Network Address	10.31.224.168/30
43	10.31.224.168/30	CAR/SAM (TBD)	E/CAR	CAR	10.31.224.169/30
				SAM (Caracas)	10.31.224.170/30

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				Broadcast Address	10.31.224.171/30
				Network Address	10.31.224.172/30
1,1	10 21 224 172/20	A 1	MENTA	Aruba	10.31.224.173/30
44	10.31.224.172/30	Aruba	MEVA	Curação	10.31.224.174/30
				Broadcast Address	10.31.224.175/30
				Network Address	10.31.224.176/30
4.5	10 21 224 176/20	Dalamar / Name	MENTA	Bahamas / Nassau	10.31.224.177/30
45	10.31.224.176/30	Bahamas / Nassau	MEVA  MEVA  MEVA  MEVA	United States of America (Miami)	10.31.224.178/30
				Broadcast Address	10.31.224.179/30
				Network Address	10.31.224.180/30
16	10.31.224.180/30	Cayman I.	MESTA	Cayman I.	10.31.224.181/30
46	10.31.224.180/30		MEVA	Cuba (La Habana)	10.31.224.182/30
				Broadcast Address	10.31.224.183/30
	10.31.224.184/30	Cuba / La Habana	MEVA	Network Address	10.31.224.184/30
47				Cuba (La Habana)	10.31.224.185/30
47	10.31.224.184/30			United States of America (Miami)	10.31.224.186/30
				Broadcast Address	10.31.224.187/30
				Network Address	10.31.224.188/30
48	10.31.224.188/30	Correcce	MESTA	Curação	10.31.224.189/30
48	10.31.224.188/30	Curaçao	MEVA	Jamaica (Kingston)	10.31.224.190/30
				Broadcast Address	10.31.224.191/30
				Network Address	10.31.224.192/30
49	10.31.224.192/30	Dominican Banublia / Santa Dominga	MESTA	Dominican Republic (Santo Domingo)	10.31.224.193/30
49	10.51.224.192/30	Dominican Republic / Santo Domingo	MEVA	Puerto Rico (San Juan)	10.31.224.194/30
				Broadcast Address	10.31.224.195/30
				Network Address	10.31.224.196/30
50	10.31.224.196/30	Honduras / Tegucigalpa (COCESNA)	CAMSAT	Honduras (COCESNA) Tegucigalpa	10.31.224.197/30
				Nicaragua (Managua)	10.31.224.198/30
				Broadcast Address	10.31.224.199/30

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
				Network Address	10.31.224.200/30
51	10.31.224.200/30	24.200/30 Puerto Rico / San Juan E/0 24.204/30 Vacant 24.208/30 Vacant	E/CAR	Puerto Rico (San Juan)	10.31.224.201/30
31	10.31.224.200/30	Fuerto Rico / San Juan	E/CAR	Trinidad & Tobago (Piarco)	10.31.224.202/30
				Broadcast Address	10.31.224.203/30
	52 10.21.224.204/20			Network Address	10.31.224.204/30
52		Vacant		Vacant	10.31.224.205/30
32	10.51.224.204/30	vacant		Vacant	10.31.224.206/30
				Broadcast Address	10.31.224.207/30
				Network Address	10.31.224.208/30
53	10.31.224.208/30	Vocant		Vacant	10.31.224.209/30
33	10.51.224.208/30	vacant		Vacant	10.31.224.210/30
				Broadcast Address	10.31.224.211/30
				•••	
•••					
				•••	
				Network Address	10.31.255.252/30
2048	10.31.255.252/30	Vacant		Vacant	10.31.255.253/30
2046	10.31.233.232/30	vacani		Vacant	10.31.255.254/30
				Broadcast Address	10.31.255.255/30

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#### APPENDIX B

						CAR Region AM	HS Implementa	tion Matrix				
		;	System Descripti	on			•		S	(COM CHART) Connection with	POC	Remarks
STATUS	Location of Facility	AMHS Facility Type	AMHS Vendor	Current Facility Type	Current Vendor	AMHS System Procurement			AMHS Service Cutover	Commodati man		
see Trinidad and Tobago	Antigua	5 31.		7 31.		Date	Date	Test		Port-of-Spain		5-2015 Interoperability testing in process. Connected to Piarco
Under Study	Aruba									United States	Joselito Andrade	5-2015 In the process of changing AFTN PAD. No projected date for AMHS
	Nassau					1Q2011 mtg FAA Feb11	Jun 2011	Jun2011 begin testing		United States	Hillard Walker	Q2 2011: will engage an Isode Integrator to provide an AMHS
Establishment of Testing Circuit	Grand Cayman	MTA + UA	Frequentis	AFTN switch	<del>Copperchase</del> Frequentis	end 1Q2011	<del>1Q2012-</del> 4Q 2014	2Q2015	TBD	United States	Wayne DaCosta	5-2015 No recent updates 5-2015 System implemented but no operational. Interoperability testin in process
Implemented	Santo Domingo	AMHS -	Ubitech	AFTN Switch		already	Jan2011	May 2012	Sep 2012	United States	Fernando Casso	Originally implemented on MEVA II. Succesfully transitioned to MEVA III
Interoperability Testing in process	La Habana	AMHS - MTA/UAs	ISODE/ In-house	AFTN Switch	Own system	N/A	TBD	2014Q4 - 2015Q2	TBD	United States	Carlos Jimenez y Layla Rodriguez, Carmen de Armas	Testing was performed over a test circuit on MEVA II; Testing resume once the test cicuit was migrated t MEVA III
Linder Study	Port-au-Prince	TRD	TRD	AFTN Hear	DSA	TRD	TRD			United States	Emmanuel Jacques	5 2015 No recent updates
System Implemented-	Tegucigalpa			AFTN Switch	COCESNA	N/A	TBD	TBD	TBD	Belize - MTA	Mayda Avila	5-15 Testing with FAA on hold
ready for testing	3 3	,					TBD	TBD	TBD	Guatemala - MTA	Oscar Villela	pending notification from COCESNA
							TBD			Mexico - MTA San Jose - MTA		
							1Q 2013	1Q 2013	1Q 2013	San Pedro Sula - MTA		
							TBD	TBD	TBD	San Salvador - MTA		
0			TDD	4 F.T. 1 0 1: 1	T00	00.0040	1Q2011	Jun 2012	Sep 2012	United States	0 1 /0 110 1	5.45.11
ready for testing		AMHS G/W	TBD	AFTN Switch	TBD	Q2-2012		Aug 2012	Oct 2012		Gordon/Derrick Grant	5-15 No updates
Coordination initiated	Mexico											5 2015 Initiated coordination with SENEAM
Scheduled for testing	Curacao	AMHS MTA	Ubitech	AMHS System	Ubitech	May 2012	Jul 2012	Oct 2012		Caracas- MTA	Cedric Ballentien Phylogene Mattheeuw Jean Baptiste Getrouw	5-15 no updates
Implemented- for	Port-of-Spain	AMHS	Comsoft	AFTN Switch	Thales	Apr 2012	Sep 2012	Sep 12	Sep 12	Anguilla	Veronica Ramdath	5-15 Interoperability testing in proces
testing		MTA/UAs/Gatew						Sep 12	Sep 12	Antigua	Randy Gomez	
		ay							Sep 12	Barbados-UA	1	
									Sen 12	Dominica - IIA	1	
										Fort-de-France- UA	+	
								Sep 12	Sep 12	Georgetown-UA		
								Sep 12			+	
										Saint Kitts and Nevis-		
										UA		
							1		Sep 12	Saint Lucia-UA	4	
In Interoperability							1				†	
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
Coordination Initiated		AMHS MTA	IDS	AFTN Switch		2014Q1		2015Q3	TBD	United States	Lloyd Hinds	Project to resume after implementation of MEVA III
	Atlanta	AMHS G/W	U.S.A.	AFTN Switch	U.S.A.	now	now			Aruba Brazil Caracas Cayman Centro America Curazao Grand Turk La Habana Kingston Lima Mexico Nassau-S Panama Port-au-Prince Port-of-Spain	Dulce Roses	5-15 see notes
	see Trinidad and Tobago Under Study  Establishment of Testing Circuit Implemented Interoperability Testing in process  Under Study System Implemented-ready for testing  System Implemented-ready for testing  Coordination initiated  Scheduled for testing  Implemented-for testing  Implemented-for testing	Location of Facility see Trinidad and Tobago  Under Study  Aruba  Nassau  Establishment of Testing Circuit  Implemented Interoperability Testing in process  Under Study  System Implemented-ready for testing  System Implemented - Kingston ready for testing  Coordination initiated  Implemented-for testing  Implemented-for testing  Implemented-for testing  Cordination initiated  Implemented-for testing  Port-of-Spain	STATUS  Location of Facility  see Trinidad and Tobago  Under Study  Aruba  Aruba  Aruba  Aruba  Aruba  Aruba  Aruba  Establishment of Testing Circuit  Implemented  Interoperability Testing in process  Under Study  Port-au-Prince  System Implemented-ready for testing  System Implemented-ready for testing  Coordination initiated  AMHS Gateway  AMHS Gateway  AMHS Gateway  AMHS Gateway  Fready for testing  Cordination initiated  AMHS MTA  AMHS MTA	STATUS  Location of Facility  See Trinidad and Tobago  Under Study  Aruba  Antigua  Nassau  Establishment of Testing Circuit  Implemented  Interoperability Testing in process  Under Study  Port-au-Prince  System Implemented-ready for testing  System Implemented-ready for testing  Coordination initiated  Scheduled for testing  In Interoperability  In Interoperability  Scheduled for testing  In Interoperability  Port-of-Spain AMHS MTA  In Interoperability  In Interoperability  Scheduled for testing  Providenciales  MTA  AMHS MTA  Stonefield Sys  Coordination Initiated  Coordination Initiated  Providenciales  MTA  Stonefield Sys  Coordination Initiated  AMHS MTA  Stonefield Sys  Coordination Initiated  AMHS MTA  IDS	Cocarination of Facility   Facility Type   AMHS   Vendor   Facility Type	STATUS  Location of Facility  Location of Facility  See Trinidad and Tobago  Under Study  Antigua  Nassau  Restablishment of Testing Circuit  Implemented  Santo Domingo  AMHS  AMHS  AMHS  Frequentis  AFTN switch  Frequentis  AFTN Switch  AFTN Switch  Own system  MTA-UAS  Interoperability  Interoperability  System Description  Cordination initiated  AMHS  AMH	STATUS  Location of Pacility  Location of Pacility  See Trinidad and Tobago  Inder Study  Antigua  Nassau  Nassau  Restablishment of Testing Circuit  Implemented  In process  System Implemented- ready for testing  System Implemented- ready for testing  System Implemented- ready for testing  Coordination initiated  System Implemented- Restablishment of Testing Coordination initiated  Nassau  MTA + UA Frequentis AFTN switch  Frequentis AFTN Switch  AFTN Switch  AFTN Switch  Own system  N/A  AMHS - MITA/UAs  Stonefield Sys AFTN Switch  TBD  AFTN Switch  TBD  Q2-2012  Date  AMHS Gateway  ISODE/ In-house  AFTN Switch  TBD  AFTN Switch  TBD  Q2-2012  TBD  AFTN Switch  TBD  Q2-2012  TBD  AFTN Switch  Thales  Apr 2012  TBD  AMHS AFTN Switch  Thales  Apr 2012	STATUS  Location of Facility See Trinidad and Antigua  An	Location of Facility Type	STATUS	STATUS   Control of Foliation   April of States   Control of Foliation   April of States   April of	Status   Control of February   System Description   Courtest   C