



International Civil Aviation Organization

North American, Central American and Caribbean Office (NACC)

GREPECAS CAR Project D – ATN infrastructure in the CAR Region and its ground-ground and ground-air applications

Santo Domingo, Dominican Republic, 27 September 2013

Agenda Item 1: ATN Ground-Ground and Air-Ground Applications

REVIEW AND UPDATE IMPLEMENTATION PLAN FOR ATN GROUND-GROUND APPLICATIONS (AMHS)/RESULTS OF III AMHS WORKSHOP

(Presented by ICAO)

SUMMARY	
This working paper presents the CAR AMHS Implementation Plan and the results expected from the III AMHS Follow-up Implementation Workshop.	
References:	
<ul style="list-style-type: none">• CAR AMHS Implementation Plan Version April 2012• III Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions, Santo Domingo, Dominican Republic, 24 to 27 September 2013•	
Strategic Objectives	<i>This working paper is related to Strategic Objectives: A. Safety – Enhance global civil aviation safety C. Environmental Protection and Sustainable Development of Air Transport</i>

1. Introduction

1.1 During the II Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions, the AMHS implementation issues were reviewed and a new update to the AMHS Implementation was made. **Appendix A** shows the executive summary resulted from this event.

1.2 After the aforementioned workshop, the scheduled coordination teleconference to confirm the workshop milestones was conducted and an update to the AMHS implementation Plan, action plan and matrix was adopted, as shown in **Appendices B and C**.

1.3 Considering the operational benefits from the AIDC application, ICAO coordinated and consolidated an AIDC Implementation Plan, starting with the use of CPL LAM messages. **Appendix D** shows this AIDC Implementation Plan. This Plan was presented to the ANI/WG/1 Meeting and an AIDC Task Force was created to coordinate the implementation and the GREPECAS C Project was assigned to reviewed and comment the most appropriated ICD to follow by the CAR Region. The terms of Reference of the ANI/WG AIDC are shown in **Appendix E**.

2. Discussion

2.1 During the *III Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions*, the AMHS Action Plan and Matrix will be carried out, as well as the exchanged of learned lessons from the trials and implementation of the AMHS System in Dominican Republic.

2.2 Considering the deliverables of the D Project and the progress achieved in AMHS and AIDC implementation by the NAM/CAR States, a review and update to the D Project deliverables should be made.

3. Suggested Actions

3.1 The meeting is invited:

- a. review the AMHS and AIDC plans and the progress achieved for amendment of the Project Tasks and work programme;
- b. update and identify any action that may require coordination with the ANI/WG AIDC Task Force; and
- c. define any action as needed by the Project Members.

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APPENDIX A

ICAO NACC REGIONAL OFFICE EVENT REPORT EXECUTIVE SUMMARY			
Event Report by:	Julio Cesar Siu Regional Officer Communications, Navigation and Surveillance (RO/CNS) NACC Regional Office	Date:	24/04/2012
Dates of Event:	10 – 13 April 2012		
Place of Event:	Miami, Florida, United States		
Title of Event and ICAO Programme #	<ul style="list-style-type: none"> • ICAO/FAA Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions and ATN Meeting • 1st Meeting of the ATN Project (GREPECAS D PROJECT) ICAO Programme: C30		
Objective, Purpose and Scope of Event:	<p>Objective/purpose: exchange information, experiences and lessons learned from the different AMHS preparatory actions made in the NAM/CAR Regions; provide guidance on the AMHS implementation within the global operational concept framework of the ICAO and the regional agreements; discuss and organize the AMHS forecoming tests and implementation activities in the NAM/CAR Regions based on the implementation matrix agreed in the AMHS workshop of 2010; and provide knowledge on the current and future status of the AMHS implementation in the NAM/CAR Regions.</p> <p>Scope: The workshop/meeting, held from 10 to 12 April consisted of different presentations from ICAO, United States (FAA) technical staff and the States as well as group work sessions to agree implementation/tests dates and activities. From 12 to 13 April immediately after the workshop, the first meeting of the ATN Project (GREPECAS D Project) was held.</p> <p>The final agenda/programme is available together with the event invitation at: http://www.mexico.icao.int/StateLetters/EMXs2012/EMX0249-CNS-States-AMHSandProjectDInvchangevenue.pdf</p>		
Web page link for documentation / presentations:	http://www.mexico.icao.int/Meetings/AMHS2012.html		
States/International Organizations and ICAO Officers attending Event:	<p>Twenty participants attended the event, representing nine States and one international organization from the ICAO NAM/CAR Regions. ICAO NACC RO/CNS attended the event.</p> <p>The list of participants is attached.</p>		
Event Results - Output and Outcome:	<ul style="list-style-type: none"> • United States/FAA exchanged their information, experiences and lessons learned from the different AMHS tests carried out with United Kingdom, Japan, Fiji and NAM/CAR States and followed up on the corresponding AMHS implementation issues. • Update on ICAO AMHS SARPs and guidance material on the AMHS implementation within the global operational concept framework of the ICAO, ASBU methodology, NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP NAM/CAR) and the regional agreements • Update to NAM/CAR AMHS implementation matrix by States • Regional agreements (CAR Test and Service Cutover plan) for tests and service cutover to AMHS: 7 States/International Organization defined their dates and activities for AMHS implementation for 2012 and 1st semester 2013 • Six States and COCESNA registered in the AMC Database for AMHS implementation • GREPECAS D Project agreed on their work programme and deliverables. This project 		

	<p>was assisted by RO/CNS. The progress report for GREPECAS was completed.</p> <ul style="list-style-type: none"> • Additionally the GREPECAS C1 Project (Automation) also met and agreed on their work programme and deliverables. This project was assisted by RO/CNS. The progress report for GREPECAS was completed. 		
<p>Follow-up actions by ICAO and other information relevant to ICAO:</p>	<ul style="list-style-type: none"> • Teleconference to confirm dates and activities for AMHS implementation: 18 April, 2012 • ICAO was assigned to support implementation, facilitating webpage for testing, review of tests and regional coordination for these implementation activities • Updates to regional plan (ANP CNS Tables 1Ba and 1Bb) and regional guidance material will follow after the tests and service cutover • Execution of tests and service cutover • Execution and assistance of GREPECAS Projects C1 and D. 		
<p>Report seen by:</p>	<p>Loretta Martin Regional Director</p>	<p>Date:</p>	<p>24 April 2012</p>

APPENDIX B

ID	Task Name	Start	Finish	% Work Complete	2011		2012		2013		2014		2015		2016	
					Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul
1	Dominican Republic- FAA	Wed 13/07/11	Wed 26/09/12	0%												
2	Planning and management	Wed 13/07/11	Wed 11/04/12	0%												
3	Technical letter signed	Wed 13/07/11	Wed 13/07/11	0%												
4	documentation exchange	Thu 14/07/11	Thu 14/07/11	0%												
5	Requirements/ Concept Planning	Mon 12/03/12	Mon 12/03/12	0%												
6	International Interconnection Definition	Tue 13/03/12	Tue 13/03/12	0%												
7	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%												
8	Technical Development	Wed 14/03/12	Fri 01/06/12	0%												
9	Interface configuration Control Doc	Wed 14/03/12	Wed 14/03/12	0%												
10	Test access Provisioning	Wed 14/03/12	Wed 14/03/12	0%												
11	Test Plan	Thu 15/03/12	Thu 15/03/12	0%												
12	Interoperability Testing	Tue 29/05/12	Tue 29/05/12	0%												
13	Test Report	Wed 30/05/12	Wed 30/05/12	0%												
14	Operational Configuration	Thu 31/05/12	Thu 31/05/12	0%												
15	Traffic Cutover Plan	Fri 01/06/12	Fri 01/06/12	0%												
16	Operational Procedures	Fri 16/03/12	Fri 16/03/12	0%												
17	Provisioning	Wed 14/03/12	Wed 21/03/12	0%												
18	Determine circuit vendor	Wed 14/03/12	Wed 14/03/12	0%												
19	Order circuit	Thu 15/03/12	Thu 15/03/12	0%												
20	International Vendor coordination	Fri 16/03/12	Fri 16/03/12	0%												
21	Circuit implementation and testing	Mon 19/03/12	Mon 19/03/12	0%												
22	Troubleshooting Procedures	Tue 20/03/12	Tue 20/03/12	0%												
23	Circuit service acceptance	Wed 21/03/12	Wed 21/03/12	0%												
24	Service implementation	Mon 04/06/12	Tue 25/09/12	0%												
25	Circuit Cutover	Mon 04/06/12	Mon 04/06/12	0%												
26	Pre-operational Testing	Tue 05/06/12	Tue 05/06/12	0%												

Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	

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ID	Task Name	Start	Finish	% Work Complete	2011	2012	2013	2014	2015	2016
					Jan	Jul	Jan	Jul	Jan	Jul
27	TRAFFIC CUTOVER	Tue 25/09/12	Tue 25/09/12	0%						
28	ICAO Confirmation	Wed 26/09/12	Wed 26/09/12	0%						
29	COCESNA -FAA	Wed 11/04/12	Wed 26/09/12	0%						
30	Planning and management	Wed 11/04/12	Mon 16/04/12	0%						
31	Technical letter signed	Wed 11/04/12	Wed 11/04/12	0%						
32	documentation exchange	Thu 12/04/12	Thu 12/04/12	0%						
33	requirements/ Concept Planning	Fri 13/04/12	Fri 13/04/12	0%						
34	International Interconnection Definition	Mon 16/04/12	Mon 16/04/12	0%						
35	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%						
36	Technical Development	Tue 17/04/12	Fri 29/06/12	0%						
37	Interface configuration Control Doc	Tue 17/04/12	Tue 17/04/12	0%						
38	Test access Provisioning	Tue 17/04/12	Tue 17/04/12	0%						
39	Test Plan	Wed 18/04/12	Wed 18/04/12	0%						
40	Interoperability Testing	Tue 26/06/12	Tue 26/06/12	0%						
41	Test Report	Wed 27/06/12	Wed 27/06/12	0%						
42	Operational Configuration	Thu 28/06/12	Thu 28/06/12	0%						
43	Traffic Cutover Plan	Fri 29/06/12	Fri 29/06/12	0%						
44	Operational Procedures	Thu 19/04/12	Thu 19/04/12	0%						
45	Provisioning	Tue 17/04/12	Tue 24/04/12	0%						
46	Determine circuit vendor	Tue 17/04/12	Tue 17/04/12	0%						
47	Order circuit	Wed 18/04/12	Wed 18/04/12	0%						
48	International Vendor coordination	Thu 19/04/12	Thu 19/04/12	0%						
49	Circuit implementation and testing	Fri 20/04/12	Fri 20/04/12	0%						
50	Troubleshooting Procedures	Mon 23/04/12	Mon 23/04/12	0%						
51	Circuit service acceptance	Tue 24/04/12	Tue 24/04/12	0%						
52	Service implementation	Mon 02/07/12	Tue 25/09/12	0%						

Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
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ID	Task Name	Start	Finish	% Work Complete	2011		2012		2013		2014		2015		2016	
					Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul
53	Circuit Cutover	Mon 02/07/12	Mon 02/07/12	0%												
54	Pre-operational Testing	Tue 03/07/12	Tue 03/07/12	0%												
55	TRAFFIC CUTOVER	Tue 25/09/12	Tue 25/09/12	0%												
56	ICAO Confirmation	Wed 26/09/12	Wed 26/09/12	0%												
57	Curacao - FAA	Wed 11/04/12	Thu 01/11/12	0%												
58	Planning and management	Wed 11/04/12	Thu 03/05/12	0%												
59	Technical letter signed	Mon 30/04/12	Mon 30/04/12	0%												
60	documentation exchange	Tue 01/05/12	Tue 01/05/12	0%												
61	requirements/ Concept Planning	Wed 02/05/12	Wed 02/05/12	0%												
62	International Interconnection Definition	Thu 03/05/12	Thu 03/05/12	0%												
63	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%												
64	Technical Development	Fri 04/05/12	Fri 03/08/12	0%												
65	Interface configuration Control Doc	Fri 04/05/12	Fri 04/05/12	0%												
66	Test access Provisioning	Fri 04/05/12	Fri 04/05/12	0%												
67	Test Plan	Mon 07/05/12	Mon 07/05/12	0%												
68	Interoperability Testing	Tue 31/07/12	Tue 31/07/12	0%												
69	Test Report	Wed 01/08/12	Wed 01/08/12	0%												
70	Operational Configuration	Thu 02/08/12	Thu 02/08/12	0%												
71	Traffic Cutover Plan	Fri 03/08/12	Fri 03/08/12	0%												
72	Operational Procedures	Tue 08/05/12	Tue 08/05/12	0%												
73	Provisioning	Fri 04/05/12	Fri 11/05/12	0%												
74	Determine circuit vendor	Fri 04/05/12	Fri 04/05/12	0%												
75	Order circuit	Mon 07/05/12	Mon 07/05/12	0%												
76	International Vendor coordination	Tue 08/05/12	Tue 08/05/12	0%												
77	Circuit implementation and testing	Wed 09/05/12	Wed 09/05/12	0%												
78	Troubleshooting Procedures	Thu 10/05/12	Thu 10/05/12	0%												

Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
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ID	Task Name	Start	Finish	% Work Complete	2011		2012		2013		2014		2015		2016	
					Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul
79	Circuit service acceptance	Fri 11/05/12	Fri 11/05/12	0%												
80	Service implementation	Mon 06/08/12	Wed 31/10/12	0%												
81	Circuit Cutover	Mon 06/08/12	Mon 06/08/12	0%												
82	Pre-operational Testing	Tue 07/08/12	Tue 07/08/12	0%												
83	TRAFFIC CUTOVER	Wed 31/10/12	Wed 31/10/12	0%												
84	ICAO Confirmation	Thu 01/11/12	Thu 01/11/12	0%												
85	Jamaica - FAA	Wed 11/04/12	Thu 01/11/12	0%												
86	Planning and management	Wed 11/04/12	Thu 03/05/12	0%												
87	Technical letter signed	Mon 30/04/12	Mon 30/04/12	0%												
88	documentation exchange	Tue 01/05/12	Tue 01/05/12	0%												
89	requirements/ Concept Planning	Wed 02/05/12	Wed 02/05/12	0%												
90	International Interconnection Definition	Thu 03/05/12	Thu 03/05/12	0%												
91	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%												
92	Technical Development	Fri 04/05/12	Fri 31/08/12	0%												
93	Interface configuration Control Doc	Fri 04/05/12	Fri 04/05/12	0%												
94	Test access Provisioning	Fri 04/05/12	Fri 04/05/12	0%												
95	Test Plan	Mon 07/05/12	Mon 07/05/12	0%												
96	Interoperability Testing	Tue 28/08/12	Tue 28/08/12	0%												
97	Test Report	Wed 29/08/12	Wed 29/08/12	0%												
98	Operational Configuration	Thu 30/08/12	Thu 30/08/12	0%												
99	Traffic Cutover Plan	Fri 31/08/12	Fri 31/08/12	0%												
100	Operational Procedures	Tue 08/05/12	Tue 08/05/12	0%												
101	Provisioning	Fri 04/05/12	Fri 11/05/12	0%												
102	Determine circuit vendor	Fri 04/05/12	Fri 04/05/12	0%												
103	Order circuit	Mon 07/05/12	Mon 07/05/12	0%												

Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
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ID	Task Name	Start	Finish	% Work Complete	2011	2012	2013	2014	2015	2016
					Jan	Jul	Jan	Jul	Jan	Jul
104	International Vendor coordination	Tue 08/05/12	Tue 08/05/12	0%						
105	Circuit implementation and testing	Wed 09/05/12	Wed 09/05/12	0%						
106	Troubleshooting Procedures	Thu 10/05/12	Thu 10/05/12	0%						
107	Circuit service acceptance	Fri 11/05/12	Fri 11/05/12	0%						
108	Service implementation	Mon 03/09/12	Wed 31/10/12	0%						
109	Circuit Cutover	Mon 03/09/12	Mon 03/09/12	0%						
110	Pre-operational Testing	Tue 04/09/12	Tue 04/09/12	0%						
111	TRAFFIC CUTOVER	Wed 31/10/12	Wed 31/10/12	0%						
112	ICAO Confirmation	Thu 01/11/12	Thu 01/11/12	0%						
113	Trinidad & Tobago - FAA	Wed 11/04/12	Mon 01/04/13	0%						
114	Planning and management	Wed 11/04/12	Thu 03/05/12	0%						
115	Technical letter signed	Mon 30/04/12	Mon 30/04/12	0%						
116	documentation exchange	Tue 01/05/12	Tue 01/05/12	0%						
117	requirements/ Concept Planning	Wed 02/05/12	Wed 02/05/12	0%						
118	International Interconnection Definition	Thu 03/05/12	Thu 03/05/12	0%						
119	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%						
120	Technical Development	Fri 04/05/12	Tue 05/02/13	0%						
121	Interface configuration Control Doc	Fri 04/05/12	Fri 04/05/12	0%						
122	Test access Provisioning	Fri 04/05/12	Fri 04/05/12	0%						
123	Test Plan	Mon 07/05/12	Mon 07/05/12	0%						
124	Interoperability Testing	Thu 31/01/13	Thu 31/01/13	0%						
125	Test Report	Fri 01/02/13	Fri 01/02/13	0%						
126	Operational Configuration	Mon 04/02/13	Mon 04/02/13	0%						
127	Traffic Cutover Plan	Tue 05/02/13	Tue 05/02/13	0%						
128	Operational Procedures	Tue 08/05/12	Tue 08/05/12	0%						
129	Provisioning	Fri 04/05/12	Fri 11/05/12	0%						

Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
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	Milestone		Inactive Milestone		Start-only	
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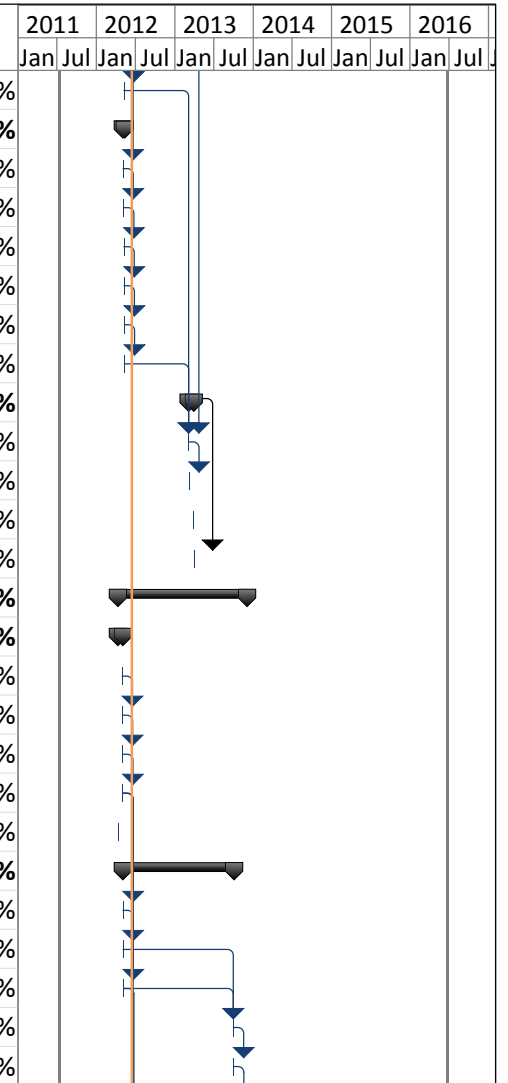
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ID	Task Name	Start	Finish	% Work Complete	2011	2012	2013	2014	2015	2016
					Jan	Jul	Jan	Jul	Jan	Jul
130	Determine circuit vendor	Fri 04/05/12	Fri 04/05/12	0%						
131	Order circuit	Mon 07/05/12	Mon 07/05/12	0%						
132	International Vendor coordination	Tue 08/05/12	Tue 08/05/12	0%						
133	Circuit implementation and testing	Wed 09/05/12	Wed 09/05/12	0%						
134	Troubleshooting Procedures	Thu 10/05/12	Thu 10/05/12	0%						
135	Circuit service acceptance	Fri 11/05/12	Fri 11/05/12	0%						
136	Service implementation	Wed 06/02/13	Fri 29/03/13	0%						
137	Circuit Cutover	Wed 06/02/13	Wed 06/02/13	0%						
138	Pre-operational Testing	Thu 07/02/13	Thu 07/02/13	0%						
139	TRAFFIC CUTOVER	Fri 29/03/13	Fri 29/03/13	0%						
140	ICAO Confirmation	Mon 01/04/13	Mon 01/04/13	0%						
141	Turk & Caicos	Wed 11/04/12	Mon 01/04/13	0%						
142	Planning and management	Wed 11/04/12	Thu 03/05/12	0%						
143	Technical letter signed	Mon 30/04/12	Mon 30/04/12	0%						
144	documentation exchange	Tue 01/05/12	Tue 01/05/12	0%						
145	requirements/ Concept Planning	Wed 02/05/12	Wed 02/05/12	0%						
146	International Interconnection Definition	Thu 03/05/12	Thu 03/05/12	0%						
147	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%						
148	Technical Development	Fri 04/05/12	Tue 05/03/13	0%						
149	Interface configuration Control Doc	Fri 04/05/12	Fri 04/05/12	0%						
150	Test access Provisioning	Fri 04/05/12	Fri 04/05/12	0%						
151	Test Plan	Mon 07/05/12	Mon 07/05/12	0%						
152	Interoperability Testing	Thu 28/02/13	Thu 28/02/13	0%						
153	Test Report	Fri 01/03/13	Fri 01/03/13	0%						
154	Operational Configuration	Mon 04/03/13	Mon 04/03/13	0%						
155	Traffic Cutover Plan	Tue 05/03/13	Tue 05/03/13	0%						

Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	

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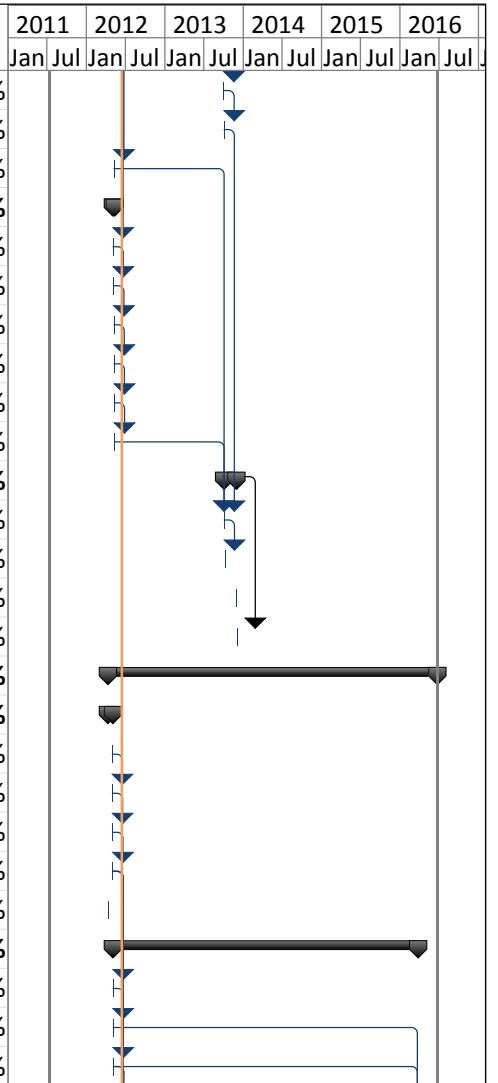
ID	Task Name	Start	Finish	% Work Complete	2011	2012	2013	2014	2015	2016
					Jan Jul	Jan Jul	Jan Jul	Jan Jul	Jan Jul	Jan Jul
156	Operational Procedures	Tue 08/05/12	Tue 08/05/12	0%						
157	Provisioning	Fri 04/05/12	Fri 11/05/12	0%						
158	Determine circuit vendor	Fri 04/05/12	Fri 04/05/12	0%						
159	Order circuit	Mon 07/05/12	Mon 07/05/12	0%						
160	International Vendor coordination	Tue 08/05/12	Tue 08/05/12	0%						
161	Circuit implementation and testing	Wed 09/05/12	Wed 09/05/12	0%						
162	Troubleshooting Procedures	Thu 10/05/12	Thu 10/05/12	0%						
163	Circuit service acceptance	Fri 11/05/12	Fri 11/05/12	0%						
164	Service implementation	Wed 06/03/13	Fri 29/03/13	0%						
165	Circuit Cutover	Wed 06/03/13	Wed 06/03/13	0%						
166	Pre-operational Testing	Thu 07/03/13	Thu 07/03/13	0%						
167	TRAFFIC CUTOVER	Fri 29/03/13	Fri 29/03/13	0%						
168	ICAO Confirmation	Mon 01/04/13	Mon 01/04/13	0%						
169	Cuba - FAA	Wed 11/04/12	Mon 02/12/13	0%						
170	Planning and management	Wed 11/04/12	Thu 03/05/12	0%						
171	Technical letter signed	Mon 30/04/12	Mon 30/04/12	0%						
172	documentation exchange	Tue 01/05/12	Tue 01/05/12	0%						
173	requirements/ Concept Planning	Wed 02/05/12	Wed 02/05/12	0%						
174	International Interconnection Definition	Thu 03/05/12	Thu 03/05/12	0%						
175	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%						
176	Technical Development	Fri 04/05/12	Thu 03/10/13	0%						
177	Interface configuration Control Doc	Fri 04/05/12	Fri 04/05/12	0%						
178	Test access Provisioning	Fri 04/05/12	Fri 04/05/12	0%						
179	Test Plan	Mon 07/05/12	Mon 07/05/12	0%						
180	Interoperability Testing	Mon 30/09/13	Mon 30/09/13	0%						
181	Test Report	Tue 01/10/13	Tue 01/10/13	0%						



Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	

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ID	Task Name	Start	Finish	% Work Complete	2011	2012	2013	2014	2015	2016
					Jan Jul	Jan Jul	Jan Jul	Jan Jul	Jan Jul	Jan Jul
182	Operational Configuration	Wed 02/10/13	Wed 02/10/13	0%						
183	Traffic Cutover Plan	Thu 03/10/13	Thu 03/10/13	0%						
184	Operational Procedures	Tue 08/05/12	Tue 08/05/12	0%						
185	Provisioning	Fri 04/05/12	Fri 11/05/12	0%						
186	Determine circuit vendor	Fri 04/05/12	Fri 04/05/12	0%						
187	Order circuit	Mon 07/05/12	Mon 07/05/12	0%						
188	International Vendor coordination	Tue 08/05/12	Tue 08/05/12	0%						
189	Circuit implementation and testing	Wed 09/05/12	Wed 09/05/12	0%						
190	Troubleshooting Procedures	Thu 10/05/12	Thu 10/05/12	0%						
191	Circuit service acceptance	Fri 11/05/12	Fri 11/05/12	0%						
192	Service implementation	Fri 04/10/13	Fri 29/11/13	0%						
193	Circuit Cutover	Fri 04/10/13	Fri 04/10/13	0%						
194	Pre-operational Testing	Mon 07/10/13	Mon 07/10/13	0%						
195	TRAFFIC CUTOVER	Fri 29/11/13	Fri 29/11/13	0%						
196	ICAO Confirmation	Mon 02/12/13	Mon 02/12/13	0%						
197	Aruba- FAA	Wed 11/04/12	Wed 22/06/16	0%						
198	Planning and management	Wed 11/04/12	Thu 03/05/12	0%						
199	Technical letter signed	Mon 30/04/12	Mon 30/04/12	0%						
200	documentation exchange	Tue 01/05/12	Tue 01/05/12	0%						
201	requirements/ Concept Planning	Wed 02/05/12	Wed 02/05/12	0%						
202	International Interconnection Definition	Thu 03/05/12	Thu 03/05/12	0%						
203	ICAO notification	Wed 11/04/12	Wed 11/04/12	0%						
204	Technical Development	Fri 04/05/12	Fri 25/03/16	0%						
205	Interface configuration Control Doc	Fri 04/05/12	Fri 04/05/12	0%						
206	Test access Provisioning	Fri 04/05/12	Fri 04/05/12	0%						
207	Test Plan	Mon 07/05/12	Mon 07/05/12	0%						



Project: AMHS Project Plan
Date: Fri 15/06/12

Task		External Milestone		Manual Summary Rollup	
Split		Inactive Task		Manual Summary	
Milestone		Inactive Milestone		Start-only	
Summary		Inactive Summary		Finish-only	
Project Summary		Manual Task		Deadline	
External Tasks		Duration-only		Progress	

APPENDIX B

ID	Task Name	Start	Finish	% Work Complete	2011		2012		2013		2014		2015		2016	
					Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul	Jan	Jul
208	Interoperability Testing	Tue 22/03/16	Tue 22/03/16	0%												
209	Test Report	Wed 23/03/16	Wed 23/03/16	0%												
210	Operational Configuration	Thu 24/03/16	Thu 24/03/16	0%												
211	Traffic Cutover Plan	Fri 25/03/16	Fri 25/03/16	0%												
212	Operational Procedures	Tue 08/05/12	Tue 08/05/12	0%												
213	Provisioning	Fri 04/05/12	Fri 11/05/12	0%												
214	Determine circuit vendor	Fri 04/05/12	Fri 04/05/12	0%												
215	Order circuit	Mon 07/05/12	Mon 07/05/12	0%												
216	International Vendor coordination	Tue 08/05/12	Tue 08/05/12	0%												
217	Circuit implementation and testing	Wed 09/05/12	Wed 09/05/12	0%												
218	Troubleshooting Procedures	Thu 10/05/12	Thu 10/05/12	0%												
219	Circuit service acceptance	Fri 11/05/12	Fri 11/05/12	0%												
220	Service implementation	Mon 28/03/16	Tue 21/06/16	0%												
221	Circuit Cutover	Mon 28/03/16	Mon 28/03/16	0%												
222	Pre-operational Testing	Tue 29/03/16	Tue 29/03/16	0%												
223	TRAFFIC CUTOVER	Tue 21/06/16	Tue 21/06/16	0%												
224	ICAO Confirmation	Wed 22/06/16	Wed 22/06/16	0%												

Project: AMHS Project Plan Date: Fri 15/06/12	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	

APPENDIX C
FAA AMHS Workshop - Miami FL - 21Oct2010

Update: 11 April 2012														
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				
Antigua & Barbuda	see Trinidad and Tobago	Antigua										Port-of-Spain		Same as Piarco
Aruba	Under Study	Aruba										United States	Joselito Andrade	
Bahamas		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
Canada												United States		
Cayman Islands		Grand Cayman	MTA + UA	TBD	AFTN switch	Copperchase	end 1Q2011	1Q2012				United States	Wayne DaCosta	
Dominican Republic	Implemented- for testing	Santo Domingo	AMHS - MTA/UAs	Ubitech	AFTN Switch		already	Jan2011	May 2012	Sep 2012		United States	Fernando Casso	
Cuba	Development	La Havanna	AMHS - MTA/UAs	ISODE/ In-house	AFTN Switch	Own system	N/A	TBD	Sep 2013	Nov 2013		United States	Carlos Jimenez y Layla Rodriguez	
Haiti	Under Study	Port-au-Prince	TBD	TBD	AFTN User	DSA	TBD	TBD				United States	Emmanuel Jacques	
COCESNA	Implemented- for testing	Tegucigalpa	AMHS Gateway	ISODE/ In-house	AFTN Switch	COCESNA	N/A	TBD	TBD	TBD	Belize - MTA	Mayda Avila Oscar Villela		
								TBD	TBD	TBD	Guatemala - MTA			
								1Q 2013	1Q 2013	1Q 2013	Managua - MTA			
								TBD	1Q 2013	TBD	Mexico - MTA			
								TBD	TBD	TBD	San Jose - MTA			
								1Q 2013	1Q 2013	1Q 2013	San Pedro Sula - MTA			
								TBD	TBD	TBD	San Salvador - MTA			
								1Q2011	Jun 2012	Sep 2012	United States			
Jamaica	Scheduled for testing	Kingston	AMHS G/W	TBD	AFTN Switch	TBD	Q2-2012		Aug 2012	Oct 2012	United States	Gordon/Derrick Grant		
Mexico		Mexico									Centro-America United States			
Curacao	Scheduled for testing	Curacao	AMHS MTA	Ubitech	AMHS System	Ubitech	May 2012	Jul 2012	Oct 2012 Jul 2012	Oct 2012	Caracas- MTA United States	Cedric Ballentien Phylogene Mattheeuw		
Trinidad and Tobago	Scheduled for testing	Port-of-Spain	AMHS MTA/UAs/Gate way	Comsoft	AFTN Switch	Thales	Apr 2012	Sep 2012	Sep 12	Sep 12	Anguilla	Veronica Ramdath Randy Gomez		
									Sep 12	Sep 12	Antigua			
									Sep 12	Sep 12	Barbados-UA			
									Oct 2012	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 Kitts and Nevis- UA			
									Sep 12	Sep 12	Saint Lucia-UA			
									Sep 12	Sep 12	Saint Vincent-UA			
									Jan 2013	Mar 2013	United States			
									Turks and Caicos	Scheduled for testing	Providenciales		MTA	Stonefield Sys
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		

APPENDIX D

CPL-LAM IMPLEMENTATION Update: 9 May 2013 / IMPLEMENTACIÓN CPL-LAM Actualización: 9/05/13

1	2	3	4	5	6	7	8	
State/Estado	Does your current Flight Data Processing System (FDPS) have the capacity to process CPL-LAM messages? (Y/N)// ¿Tiene su actual Sistema de procesamiento de datos de vuelo (FDPS) la capacidad para procesar mensajes CPL-LAM/ (Sí/No)	Indicate with what adjacent FIR/ATS Unit is the CPL-LAM implementation required/ Indicar con cuál FIR/Dependencia ATS adyacente se requiere implementación CPL-LAM	Indicate intended date for CPL-LAM testing and implementation/ Indicar fecha prevista para pruebas e implementación CPL-LAM	Provide Point of Contact for further CPL-LAM coordination (name, title, e-mail, phone number)// Proporcionar Punto de Contacto para coordinación CPL-LAM (nombre, puesto, e-mail, número tel.)	If CPL-LAM has been implemented, provide bilateral agreement(s) for its operation, if applicable (for example ICD document)// Si se ha implantado CPL-LAM, proporcionar acuerdo(s) bilateral(es) para su operación, si es el caso (por ejem. Documento ICD)	CPL-LAM messages are transmitted through AFTN circuits, what is the current AFTN circuit speed and, if any, upgrade for CPL-LAM implementation:// Los mensajes CPL-LAM se transmiten a través de circuitos AFTN ¿cuál es la velocidad actual del circuito AFTN y si es caso, modernización para implementación CPL-LAM?	Comment or concerns for CPL-LAM implementation/ Comentarios o preocupaciones sobre la implementación CPL-LAM	
Cuba	yes - Oracle Version 9 modified by LITA-CUBA / Sí - Oracle Versión 9 modificada por LITA-CUBA	FIR Miami	With Miami was started in 15 December 2011. Merida started in 9 March 2012. With the other FIRs the implementation date hasn't been established./ Con Miami empezó 15/12/11. Mérida empezó 09/03/12. Con otras FIR no se ha establecido implementación.	Manuel Vega Rodríguez, Operations Management Havana ACC (537) 649-7281 manuelvega@aeronav.ecasa.avianet.cu	NAM-ICD Version D	19200 BPS	We received many mistakes from the users in the FPL, in almost all fields. We have detected changes in the FPL forwarded by ACC's or ANSP offices related to FPLs filed by operators/ Recibieron muchos errores de los usuarios en el FPL, en casi todas las esferas. Detectaron cambios en el FPL enviado por ACC u oficinas ANSP relacionadas con FPL presentados por explotadores.	
		FIR Merida						LOA pending to be approved by Mexico / LOA pendiente de aprobar por México.
		FIR Kingston						TBD/Por definir
		FIR CENAMER						01-01-2014
		FIR Haiti						TBD/Por definir

1	2	3	4	5	6	7	8
State/Estado	Does your current Flight Data Processing System (FDPS) have the capacity to process CPL-LAM messages? (Y/N)// ¿Tiene su actual Sistema de procesamiento de datos de vuelo (FDPS) la capacidad para procesar mensajes CPL-LAM/ (Sí/No)	Indicate with what adjacent FIR/ATS Unit is the CPL-LAM implementation required/ Indicar con cuál FIR/Dependencia ATS adyacente se requiere implementación CPL-LAM	Indicate intended date for CPL-LAM testing and implementation/ Indicar fecha prevista para pruebas e implementación CPL-LAM	Provide Point of Contact for further CPL-LAM coordination (name, title, e-mail, phone number)// Proporcionar Punto de Contacto para coordinación CPL-LAM (nombre, puesto, e-mail, número tel.)	If CPL-LAM has been implemented, provide bilateral agreement(s) for its operation, if applicable (for example ICD document)// Si se ha implantado CPL-LAM, proporcionar acuerdo(s) bilateral(es) para su operación, si es el caso (por ejem. Documento ICD)	CPL-LAM messages are transmitted through AFTN circuits, what is the current AFTN circuit speed and, if any, upgrade for CPL-LAM implementation:// Los mensajes CPL-LAM se transmiten a través de circuitos AFTN ¿cuál es la velocidad actual del circuito AFTN y si es caso, modernización para implementación CPL-LAM?	Comment or concerns for CPL-LAM implementation/ Comentarios o preocupaciones sobre la implementación CPL-LAM
Dominican Republic/ República Dominicana	No - For mid 2013 yes- TopSky-ATC, Thales ATM / No - para mediados de 2013 sí- TopSky-ATC, Thales ATM	KZMA/Miami ARTCC	MTEG/Port au Prince ACC	Julio Cesar Mejia A. Enc. ATM, jmejia@idac.gov.do, 809 274-4322. Ext. 2103 + Fernando Casso,fcasso@idac.gov.do	NAM-ICD Versión D	AFTN: 9600 bps/ AMHS: 64 Kbps	
		TJZS/San Juan CERAP	1 Oct 2013 - Ready to test				
		TNCF/Curazao ACC	1 Oct 2013 - Ready to test				
		MTEG/Port au Prince ACC	TBD/Por definir				
Mexico	Yes- FDP=EUROCAT-X.V3 Model, Producer= THALES ATM, INFO= Four Control Centres, all Mexico covered / Sí- FDP=EUROCAT-X.V3 Modelo, Productor= THALES ATM, INFO= 4 centros de control, todo México	Central America (COCESNA/CENAMER)	Mexico FDP system available / Sistema disponible FDP México	Ing. Jose de Jesus Jimenez Director de Sistemas Digitales SENEAM/SCT/MÉXICO xxxxx@sct.gob.mx 55 57 86 55 32	NAM-ICD Versión D	19200 bps	Mexico already counts with the implementation of CPL/LAM information exchange between: MZT ≤ ≥ LAX, MZT ≤ ≥ ABQ, MTY ≤ ≥ ABQ, MTY ≤ ≥ HOU, MID ≤ ≥ HOU, MID ≤ ≥ HAB / México ya cuenta con implementación de intercambio de información CPL/LAM entre: MZT ≤ ≥ LAX, MZT ≤ ≥ ABQ, MTY ≤ ≥ ABQ, MTY ≤ ≥ HOU, MID ≤ ≥ HOU, MID ≤ ≥ HAB

1	2	3	4	5	6	7	8
State/Estado	Does your current Flight Data Processing System (FDPS) have the capacity to process CPL-LAM messages? (Y/N)// ¿Tiene su actual Sistema de procesamiento de datos de vuelo (FDPS) la capacidad para procesar mensajes CPL-LAM/ (Sí/No)	Indicate with what adjacent FIR/ATS Unit is the CPL-LAM implementation required/ Indicar con cuál FIR/Dependencia ATS adyacente se requiere implementación CPL-LAM	Indicate intended date for CPL-LAM testing and implementation/ Indicar fecha prevista para pruebas e implementación CPL-LAM	Provide Point of Contact for further CPL-LAM coordination (name, title, e-mail, phone number)// Proporcionar Punto de Contacto para coordinación CPL-LAM (nombre, puesto, e-mail, número tel.)	If CPL-LAM has been implemented, provide bilateral agreement(s) for its operation, if applicable (for example ICD document)// Si se ha implantado CPL-LAM, proporcionar acuerdo(s) bilateral(es) para su operación, si es el caso (por ejem. Documento ICD)	CPL-LAM messages are transmitted through AFTN circuits, what is the current AFTN circuit speed and, if any, upgrade for CPL-LAM implementation:/ Los mensajes CPL-LAM se transmiten a través de circuitos AFTN ¿cuál es la velocidad actual del circuito AFTN y si es caso, modernización para implementación CPL-LAM?	Comment or concerns for CPL-LAM implementation/ Comentarios o preocupaciones sobre la implementación CPL-LAM
United States/ Estados Unidos	Yes - The domestic FDP is integrated into the Host Automation. En Route Automation Modernization (ERAM) systems. Lockheed-Martin (LMCO) is the prime contractor for the Host/ERAM system. The flight data function of the San Juan Combined Center/Radar Approach Control (CERAP) is integrated into the Miami Air Route Traffic Control Center (ARTCC) Host/ERAM. Ocean21 provides its own FDP processing in the oceanic environment. LMCO is also the contractor for Ocean21. / Sí - El FDP nacional está integrado en la automatización Host. Sistemas de Modernización de	Current United States Domestic North American interfaces which have been implemented include: / Las interfaces actuales nacionales de Estados Unidos Norteamérica que se ahn implementado incluyen: Canada (Seattle ARTCC-Vancouver ACC; Salt Lake ARTCC-Edmonton ACC/Winnipeg ACC; Minneapolis ARTCC-Winnipeg ACC/Toronto ACC; Cleveland ARTCC-Toronto ACC/Mazatlan ACC; Los Angeles ARTCC-Mazatlan ACC Cuba – Miami ARTCC – Havana ACC.ACC; Boston ARTCC-Montreal ACC/Moncton ACC. Mexico – Houston ARTCC-Merida ACC/Monterrey ACC; Albuquerque ARTCC-Monterrey	Future initiatives being evaluated: Additional NAM ICD Phase II message set enhancements (beyond CPL & LAM) of the Miami ARTCC-Havana ACC interface are being planned airspace/system capabilities for potential interfaces: Piarco FIR, Nassau FIR and Sant0 Domingo FIR tentatively for development in 2013. - Analysis of Caribbean and oceanic airspace/system capabilities for potential interfaces: Piarco FIR, Nassau FIR and Santa Domingo FIR / Las futuras iniciativas en evaluación: Mejoras a conjuntos de mensajes adicionales NAM ICD Fase II (más allá	Dan Eaves, Federal Aviation Administration Air Traffic Control Specialist, Dan.Eaves@FAA.gov, 202-385-8492	NAM-ICD Versión D	US- Mexico: NADIN/AFTN 64 kbps X.25 US- Cuba : MEVA II 19.2 kbps connection to NADIN/conexión a NADIN	None / Ninguno

1	2	3	4	5	6	7	8
State/Estado	Does your current Flight Data Processing System (FDPS) have the capacity to process CPL-LAM messages? (Y/N)// ¿Tiene su actual Sistema de procesamiento de datos de vuelo (FDPS) la capacidad para procesar mensajes CPL-LAM/ (Sí/No)	Indicate with what adjacent FIR/ATS Unit is the CPL-LAM implementation required/ Indicar con cuál FIR/Dependencia ATS adyacente se requiere implementación CPL-LAM	Indicate intended date for CPL-LAM testing and implementation/ Indicar fecha prevista para pruebas e implementación CPL-LAM	Provide Point of Contact for further CPL-LAM coordination (name, title, e-mail, phone number)// Proporcionar Punto de Contacto para coordinación CPL-LAM (nombre, puesto, e-mail, número tel.)	If CPL-LAM has been implemented, provide bilateral agreement(s) for its operation, if applicable (for example ICD document)// Si se ha implantado CPL-LAM, proporcionar acuerdo(s) bilateral(es) para su operación, si es el caso (por ejem. Documento ICD)	CPL-LAM messages are transmitted through AFTN circuits, what is the current AFTN circuit speed and, if any, upgrade for CPL-LAM implementation:// Los mensajes CPL-LAM se transmiten a través de circuitos AFTN ¿cuál es la velocidad actual del circuito AFTN y si es caso, modernización para implementación CPL-LAM?	Comment or concerns for CPL-LAM implementation/ Comentarios o preocupaciones sobre la implementación CPL-LAM
	<p>Automatización En Ruta (ERAM). Lockheed-Martin (LMCO) es el contratista principal para el sistema Host/ERAM. La función de los datos de vuelo del Centro Combinado San Juan/Control de Aproximación Radar (CERAP) está integrado en el Centro de Control de Tránsito Aéreo de Ruta Miami (ARTCC) Host/ERAM. Ocean21 proporciona su propio procesamiento FDP en el ambiente oceánico. LMCO también es contratista de Ocean21.</p>		<p>de CPL & LAM) del ARTCC Miami– Interfaz Havana ACC planificados capacidades espacio aéreo/sistema para interfaces potenciales: Piarco FIR, Nassau FIR y Santo Domingo FIR tentativamente para desarrollar en 2013. Análisis de capacidades del espacio aéreo(sistema del Caribe y oceánico para interfaces potenciales: FIR Piarco, Nassau y Santo Domingo.</p>				

1	2	3	4	5	6	7	8
State/Estado	Does your current Flight Data Processing System (FDPS) have the capacity to process CPL-LAM messages? (Y/N)// ¿Tiene su actual Sistema de procesamiento de datos de vuelo (FDPS) la capacidad para procesar mensajes CPL-LAM/ (Sí/No)	Indicate with what adjacent FIR/ATS Unit is the CPL-LAM implementation required/ Indicar con cuál FIR/Dependencia ATS adyacente se requiere implementación CPL-LAM	Indicate intended date for CPL-LAM testing and implementation/ Indicar fecha prevista para pruebas e implementación CPL-LAM	Provide Point of Contact for further CPL-LAM coordination (name, title, e-mail, phone number)// Proporcionar Punto de Contacto para coordinación CPL-LAM (nombre, puesto, e-mail, número tel.)	If CPL-LAM has been implemented, provide bilateral agreement(s) for its operation, if applicable (for example ICD document)// Si se ha implantado CPL-LAM, proporcionar acuerdo(s) bilateral(es) para su operación, si es el caso (por ejem. Documento ICD)	CPL-LAM messages are transmitted through AFTN circuits, what is the current AFTN circuit speed and, if any, upgrade for CPL-LAM implementation:// Los mensajes CPL-LAM se transmiten a través de circuitos AFTN ¿cuál es la velocidad actual del circuito AFTN y si es caso, modernización para implementación CPL-LAM?	Comment or concerns for CPL-LAM implementation/ Comentarios o preocupaciones sobre la implementación CPL-LAM
COCESNA (CENAMER)	FDP System to be upgraded in 2013 Sistema FDP a modernizarse en 2013	Merida, Panama (in the future analyses connection with Havana, Kingston, Bogota and Guayaquil)/ Merida, Panamá (en el future analiza conexión con Havana, Kingston, Bogotá y Guayaquil) Havana Panama Merida Kingston Bogota Guayaquil	COCESNA still does not has date for testing and implementation/ COCESNA todavía no tiene fecha para pruebas ni implementación	Juan Carlos Trabanino, Director ACNA, juan.trabanino@cocesna.org , (504) 2234 3360 ext. 1510 Roger Perez (roger.perez@cocesna.org)	NAM-ICD Version D	N/A (the current AFTN circuit speed is 1.2 kbps internally and 9.6 kbps the internationals)/ No palica (La velocidad del circuito AFTN actual es de 1.2 kbps intermente y 9.6 kbps internacional)	The ability to process this type of messages will be complete once COCESNA have installed the New Control Centre. The required bandwidth must be analyzed prior to the implementation of this type of messages, however, considering only text messages we estimated that the current bandwidth via AFTN is sufficient./ La habilidad de procesar este tipo de mensajes se finalizará una vez que COCESNA haya instalado el Nuevo Centro de Control. El ancho de banda requerido debe analizarse antes de implementar este tipo de mensajes, sin embargo, considerando solo mensajes de texto se estima que el ancho de banda actual via AFTN es suficiente.
Nassau					NAM-ICD Version D		

1	2	3	4	5	6	7	8
State/Estado	Does your current Flight Data Processing System (FDPS) have the capacity to process CPL-LAM messages? (Y/N)// ¿Tiene su actual Sistema de procesamiento de datos de vuelo (FDPS) la capacidad para procesar mensajes CPL-LAM/ (Sí/No)	Indicate with what adjacent FIR/ATS Unit is the CPL-LAM implementation required/ Indicar con cuál FIR/Dependencia ATS adyacente se requiere implementación CPL-LAM	Indicate intended date for CPL-LAM testing and implementation/ Indicar fecha prevista para pruebas e implementación CPL-LAM	Provide Point of Contact for further CPL-LAM coordination (name, title, e-mail, phone number)// Proporcionar Punto de Contacto para coordinación CPL-LAM (nombre, puesto, e-mail, número tel.)	If CPL-LAM has been implemented, provide bilateral agreement(s) for its operation, if applicable (for example ICD document)// Si se ha implantado CPL-LAM, proporcionar acuerdo(s) bilateral(es) para su operación, si es el caso (por ejem. Documento ICD)	CPL-LAM messages are transmitted through AFTN circuits, what is the current AFTN circuit speed and, if any, upgrade for CPL-LAM implementation:// Los mensajes CPL-LAM se transmiten a través de circuitos AFTN ¿cuál es la velocidad actual del circuito AFTN y si es caso, modernización para implementación CPL-LAM?	Comment or concerns for CPL-LAM implementation/ Comentarios o preocupaciones sobre la implementación CPL-LAM
Porrrt-au-Prince					NAM-ICD Version D		
PIARCO	Selex system/ Sistema Selex	SAL ACC		Ian Gomez, ATS Manager, TTCAA, igomez@tcaa.tt	NAM-ICD Version D		
		NEW YORK ACC			NAT ICD		
		French Guyanne, Maiquetia, San Juan					
Curacao	Raytheon	Maiquetia ACC		Jacques Lasten, ATS Manager, DC-ANSP, j.lasten@dc-ansp.org	CAR/SAM-ICD		
	Raytheon	Kingston ACC			NAM ICD Version		

APPENDIX E
TASK FORCE ON AIR TRAFFIC SERVICES INTER-FACILITY DATA COMMUNICATION
(AIDC) IMPLEMENTATION

1. Background

During the first ANI/WG meeting, an AIDC Implementation Task Force was formed in order to streamline related air navigation implementation activities. This Task Force shall complete AIDC implementation in accordance with the Regional AIDC Implementation Plan as well as update and report progress to the ANI/WG based on the action plan for these tasks.

2. Responsibilities

The Task Force is responsible for:

- a) Work Programme Management
- b) Analyzing and coordinating mitigation/solution actions for duplicate/missing FPLs
- c) Coordinating, implementation, and trials for AIDC implementation (Regional Plan)

3. Working Methods

The Task Force will:

- a) Present its work programme containing activities in terms of objectives, responsibilities, deliverables and timelines
- b) Avoid duplicating work within the ANI/WG and maintain close coordination among the existing entities to optimize use of available resources and experience
- c) Designate, as necessary, Ad hoc Groups to work on specific topics and activities and organize clearly defined tasks and activities
- d) Coordinate tasks to maximize efficiency and reduce costs via electronic means including emails, telephone and teleconference calls, and convene meetings as necessary
- e) Report on and coordinate the progress of assigned tasks to the ANI/WG

4. Work programme - will be included

5. Membership

Task Force Member- Name:	State/T/IO	email
Pedro Vicente	Canada	vicentpe@navcanada.ca
TBD	Costa Rica	
Jorge Centella	Cuba	jorge.centella@iacc.avianet.cu
Carmen Dearmas		carmen.dearmas@iacc.avianet.cu
Julio Mejia	Dominican Republic	jmejia@idac.gov.do
Fernando Casso (Rapporteur)		fernando.casso@idac.gov.do
Alexis Brathwaite	Trinidad and Tobago	abrathwaite@caa.gov.tt
Dan Eaves	United States	dan.eaves@faa.gov
TBD	COCESNA	
Abang Floyd	IATA	abangf@iata.org