Ref.: N1-3.13, NS 2-35, N1-15.3 — **EMX0611**   23 July 2013

To: States, Territories and International Organizations

Subject: **III Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions (III AMHS-IMP)**
Santo Domingo, Dominican Republic, 24 to 26 September 2013

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

Action
Required: 1)   register participation by **23 August 2013**.
2)   Request fellowship for project Members - Implementation of the Performance Based Air Navigation Systems for the CAR Region (RLA/09/801) by **6 September 2013**
3)   submission of presentation by **13 September 2013**

Sir/Madam:

Considering the progress made in the implementation of the ATS Message Handling System *(*AMHS) in the NAM/CAR Regions, to follow-up the Regional NAM/CAR AMHS Implementation Plan, and considering the AMHS system interconnection of Dominican Republic, the Federal Aviation Administration (FAA) of United States, the Instituto Dominicana de Aviación Civil (IDAC) and ICAO will convene the **III Workshop/Meeting on the follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions** to be held in Santo Domingo, Dominican Republic, from 24 to 26 September 2013, to which I have the honor to invite your Administration/Organization to participate.

This event seeks to support the implementation of Module 25 (FICE) of Block 0 of Aviation System Block Upgrades (ASBU) "**Increased Interoperability, Efficiency and Capacity through Ground-Ground Integration**" and Global Air Navigation Plan Initiative IPM-22 – *Communication infrastructure* and the activities of the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (NAM/CAR RPBANIP) with the follow-up to the implementation of the AMHS in the NAM/CAR Regions, sharing lessons learned from the progress of AMHS interconnection and activities conducted on these AMHS implementations in the CAR Region, and discussing the implementation activities. Likewise, a visit to the AMHS system in Santo Domingo will be conducted. The provisional programme for the event is shown in **Attachment A.**

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The event is addressed to technical operational professionals dedicated to the planning, use and implementation of AMHS and AFTN systems, staff involved in the planning or replacement of AFTN system, as well as operative users of the AMHS/AFTN features within States, Territories and representatives of International Organizations in the NAM/CAR Regions. The workshop/meeting will be conducted in English and Spanish, and simultaneous interpretation will be provided if sufficient participants of both languages provide timely registration

Similarly, in attention to the request of GREPECAS CAR Project D Coordinator, Ms. Dulce Roses, a second follow-up Meeting on the Project will be held at this same venue on 27 September 2013. The CAR GREPECAS Project D is working on supporting the implementation of the CAR Region Aeronautical Telecommunication Network (ATN) infrastructure and its air-ground and ground-ground applications. A review and follow-up on the Project activities and its progress on the achievement of its deliverables will be carried out. In this regard all CAR Project D members are cordially invited to attend. The draft agenda of the meeting is shown in **Attachment B**

States/Territories/International Organizations participating in the Regional Plan of AMHS implementation for CAR Region are also invited to submit a presentation of their experiences and progress in the planning/implementation of these systems. The presentation should be forwarded to this office by e-mail as soon as practicable in Microsoft Word/PowerPoint format and no later than **13 September 2013.**

You are kindly requested to complete in Word and send by e-mail the Registration Form at **Attachment C** for each participant by **23 August 2013**.

The general venue information of the event is presented in **Attachment D**. Participants are encouraged to make reservations directly with the hotel(s) in a timely manner. The coordinator for the meeting at the IDAC of Dominican Republic is Mr. Bolívar Leon (Tel : +1-809-274-4322 and e-mail: bleon@idac.gov.do), who can provide local information or assistance with making hotel reservations, if required.

All meeting/event presentations will be placed on the following web page: http://www.mexico.icao.int/Meetings/Meetings.html as it becomes available. Taking into consideration the availability of presentations in electronic format, no hard copies will be distributed during the event.

Furthermore, in accordance with the 2013-2016 Activities Plan of the Regional Technical Cooperation Project for the Caribbean Region – *Implementation of the Performance Based Air Navigation Systems for the CAR Region (RLA/09/801)*, I am pleased to inform you that this event is offering one fellowship to each Project Member[1].

Considering the above, your Administration is invited to propose a candidate for receipt of a *fellowship as soon as possible*. The fellowship includes daily subsistence allowance (DSA) to cover lodging and expenses; your Administration should provide the candidate with the air ticket to/from Santo Domingo, Dominican Republic, and ensure that the candidate has the necessary travel documents, vaccinations and visa prior to departure.

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[1] ***RLA/09/801 Project Member States*** *are: Bahamas, Barbados, Cuba, Curaçao, Dominican Republic, Haiti, Jamaica, Mexico, OECS States through ECCAA (Antigua and Barbuda, Grenada, Saint Kitts and Nevis, Saint Lucia and Saint Vincent and the Grenadines), Trinidad and Tobago and Central American States through COCESNA (Belize, Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua).*

Regarding fellowships offered to the Eastern Caribbean States through ECCAA, please note that the candidate appointment decision should be made between your Administration and ECCAA. Once the decision has been made, **ECCAA should send this Regional Office the nomination form** of the candidate representing the Eastern Caribbean States

Please provide confirmation as to whether your Administration is interested in proposing a fellowship candidate to attend the III Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions (III AMHS-IMP) as soon as possible. You should return the Fellowship Nomination Form duly completed (**Attachment E**) to this Regional Office by **6 September 2013**.

A nomination form must be completed for each nominee, all pages must be filled-out including your Administration's signature and seal (page 2), as well as the doctor's signature who performs the medical examination in the medical portion of the form (page 6). The address to send the Fellowship Nomination Form is:

ICAO NACC Regional Office
Mr. Julio Garriga
Regional Officer, Technical Cooperation
Ms. Claudia López
Technical Cooperation Associate
icaonacc@icao.int; jgarriga@icao.int; clopez@icao.int;

If you require further information regarding the events, please contact Mr. Julio Siu, Regional Officer, Communications, Navigation and Surveillance (jsiu@icao.int), Tel.: + 52 55 52503211 ext. 116, and/or Ms. Lizette Morales (lmorales@icao.int), Assistant.

Accept, Sir/Madam, the assurances of my highest consideration.

Loretta Martin
Regional Director
North American, Central American and
Caribbean (NACC) Regional Office

Enclosure:
A – Provisional Programme
B – Provisional Agenda
C – Registration Form
D – General event venue Information
E – Nomination Form

N:\N - ICAO Regions\N 1- 3.13 - Communications AMHS\3rd AMHS Workshop-2013\EMX0611-CNS-States-AMHSWorkshop.docx

Distribution List:

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	Beverly Mendes, Montserrat	mendesb@gov.ms; mcw@gov.ms;
	Dick de Saint-Aulaire, Netherlands *for Bonaire, Sint Eustatius and Saba Islands*	dick.de.saint-aulaire@minienm.nl;
	Patricia Martin, Saint Kitts and Nevis	patricia.martin@stkittstourism.kn;
	Maura Felix, Saint Lucia	maura.felix@govt.lc; eucherry@gosl.gov.lc;
	Godfred Pompey, Saint Vincent and the Grenadines	office.natsec@mail.gov.vc;
	Louis Halley, Sint Maarten	louis.halley@sintmaartengov.org
	Ramesh Lutchmedial, Trinidad and Tobago	dgca@caa.gov.tt; ttcaa@tstt.net.tt;
	Thomas Swann, Turks and Caicos Islands	tswann.caa@tciway.tc; pforbes.caa@tciway.tc; cad@tciway.tc
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	Diana Owen, DfT, United Kingdom	Diana.Owen@dft.gsi.gov.uk;
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	Javier A. Vanegas, CANSO	javier.vanegas@canso.org; lamcar@canso.org;
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	Bolívar León, Dominican Republic	bleon@idac.gov.do
	Dulce Roses, Coordinadora del Proyecto D del GREPECAS – Región CAR	dulce.roses@faa.gov;
	NACC Webmaster	webmasternacc@icao.int;

ATTACHMENT / ADJUNTO A

International Civil Aviation Organization
Organización de Aviación Civil Internacional
North American, Central American and Caribbean Office (NACC)
Oficina para Norteamérica, Centroamérica y Caribe (NACC)
III Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions
Taller/Reunión de la OACI/FAA sobre el Seguimiento a la Implementación del Sistema de Tratamiento de Mensajes ATS (AMHS) en las Regiones NAM/CAR
Santo Domingo, Dominican Republic, 24 to 27 September 2013 / Santo Domingo, República Dominicana, 24 al 26 de septiembre de 2013

Objectives / Objetivos

a) Follow-up to the Regional AMHS implementation Plan / Seguimiento al Plan de Implementación Regional AMHS;

b) exchange information, experiences and lessons learned from the Dominican Republic AMHS interconnection and different AMHS preparatory actions made in the NAM/CAR Regions / Intercambiar información, experiencias y lecciones aprendidas de la interconexión AMHS de República Dominica y diferentes acciones preparatorias de AMHS realizadas en las Regiones NAM/CAR;

c) provide guidance on the AMHS implementation within the global operational concept framework of the ICAO, the Aviation System Block Upgrades (ASBU) and the regional agreements; and / Proporcionar orientación en la implementación AMHS dentro del marco de referencia del concepto operacional global de la OACI, las Mejoras por bloques del sistema de aviación (ASBU) y los acuerdos Regionales; y

d) discuss AMHS implementation limitations and concerns to decide actions and agreements to streamline the implementations / discutir las limitaciones y preocupaciones de la implementación AMHS para decidir acciones y acuerdos para agilizar las implementaciones.

The event is addressed to/ El evento está dirigido a:

Technical professionals involved with the planning, operation, maintenance, configuration and implementation of their AFTN and AMHS Systems, as well as State's designated focal points concerning the AMHS trial and implementation activities in the NAM/CAR Regions

Profesionales técnicos involucrados en la planificación, operación, mantenimiento, configuración e implementación de sus sistemas AFTN y AMHS, así como también a los puntos focales designados por Estado con respecto al AMHS y las actividades de pruebas e implementación en las Regiones NAM/CAR.

ATTACHMENT / ADJUNTO A

PROGRAMME / PROGRAMA

DAY ONE / DÍA UNO *Tuesday 24 September 2013/ Martes 24 de septiembde de 2013*	

08:30 – 09:00	Registration / Registro

09:00 – 09:30	Opening Ceremony / Inauguración **Remarks by / Palabras de** • *ICAO / OACI* • *United States / Estados Unidos - Federal Aviation Administration / Administración Federal de Aviación (FAA)* • *Dominican Republic / República Dominicana – IDAC*

Guidance on the AMHS implementation within the global operational concept framework of the ICAO, the Aviation System Block Upgrades (ASBU) and the regional agreements*: /* **Orientación en la implementación de AMHS dentro del marco de referencia del concepto operacional global de la OACI, las Mejoras por bloques del sistema de aviación (ASBU) y los acuerdos Regionales**

09:30 – 10:30	• **Workshop/Meeting Introduction and AMHS overview** **Introducción del Taller/Reunión y Panorama General del AMHS**

10:30 – 11:00	*Coffee Break / Pausa para el Café*

11:00 – 11:30	• **AMHS and the ICAO ASBU methodology** **AMHS y la metodología ASBU de la OACI**

Follow-up the Regional AMHS Implementation Plan / Seguimiento al Plan de Implementación Regional AMHS

11:30 – 12:00	• **Regional AMHS implementation Plan and its Progress** **Plan de implementación Regional AMHS y sus avances**

12:00 – 13:00	*Break for Lunch / Pausa para el Lunch*

13:00– 14:00	• **ATS Messaging Management Centre (AMC) Updates: "How and Why"** **Actualizaciones AMC: "Cómo y Por qué"**

14:00 – 14:30	• **Test Process** **Proceso de Prueba**

14:30 – 15:00	*Coffee Break / Pausa para el Café*

15:00 – 15:30	• **Network Connectivity** **Conectividad de la Red**

15:30 – 16:00	• **Internet Protocol (IP) Addressing review and upgrades** **Revisión y actualización del direccionamiento del Protocolo de Internet (IP)**

DAY TWO / DÍA DOS ***Wednesday 24 September 2013 / Miércoles 24 de septiembre de 2013***	

9:00 – 10:30	• **States: Planning and Implementation:** Presenters: **States' Representatives.** *An opportunity for each State to present and discuss their plans and challenges for AMHS implementation and transition during the next two years.* • **Estados: Planificación e Implementación***:* Presentadores*:* **Representantes de Estados** *Una oportunidad para cada Estado de presentar y discutir sus planes y retos para la implementación AMHS y su transición durante los próximos 2 años*.
10:30 – 11:00	***Coffee Break / Pausa para el Café***
11:00 – 12:00	• **States: Planning and Implementation (cont.)** **Estados: Planificación e Implementación (cont.)**
12:00 - 12:30	• **Lessons learned from Dominica Republic Implementation** **Lecciones aprendidas de la Implementación de República Dominicana**
12:30 – 13:30	***Break for Lunch / Pausa para el Lunch***
13:30 – 14:00	• **FAA Transition and Cutover process** **Transición de la FAA y proceso de migración**
14:00 - 16:30	• **Visit to Dominican Republic AMHS system and operation** **Visita al sistema y operación del AMHS de República Dominicana**

DAY THREE / DÍA TRES *Thursday 26 September 2013/ Jueves 26 de septiembre de 2013*	

9:00 – 10:00	• **User Agents / Character Encoding** **Agentes de Usuario / Codificación de caracteres**
10:30 – 11:00	*Coffee Break / Pausa para el Café*
11:00 –11:30	• **Understanding Routing Domain Management** **Entendimiento de la Gestión del Dominio de Ruta**
11:30 – 12:00	• **Other AMHS implementation issues/ Otros temas de implementación relacionados con el AMHS**
12:00 - 13:00	*Break for Lunch / Pausa para el Lunch*
13:00 – 14:00	• **Updates to Regional AMHS implementation Plan and Implementation Gap Analysis** **Actualizaciones al Plan de implementación Regional AMHS e Implementación del Análisis de brechas**
14:00 – 15:00	**Closing Plenary Session / Sesión Plenaria de Clausura** a) Gap analysis to identify operational/technical requirements and implementation aspects – interfaces and configuration / Análisis de brechas para identificar requisitos operacionales/técnicos y aspectos de implementación - interfaces y configuración. b) Requirements and framework for bilateral agreements between States / Requisitos y Marco de referencia para acuerdos bilaterales entre Estados. c) Discussion of scheduled activities and agreements on dates for trials / Discusión de actividades programadas y acuerdo de fechas para ensayos d) Communication requirements analysis / Análisis de requisitos de comunicación. e) Operational issues and coordination / Cuestiones operacionales y de coordinación.
15:00 15:30	*Closing Ceremony* *Ceremonia de Clausura*

— END/FIN —

ATTACHMENT B

**GREPECAS PROJECT D - ATN INFRASTRUCTURE IN THE CAR REGION AND ITS
GROUND-GROUND AND GROUND-AIR APPLICATIONS**

DRAFT AGENDA

Programme: Ground-Ground   and   Ground-Air   Communication
                                              Infrastructure

Infrastructure
Project: D: CAR ATN infrastructure and its air-ground and
                                              ground-ground applications

Project Coordinator: Dulce M. Rosés (United States)

Objectives Of The Meeting   Plan, review, and continue the developments of the
                                              assigned deliverables as follows

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

           1.1   Review Deliverables

           1.2   Review, update, and complete transition plan for the evolutionary
                    development of ATN and applications

           1.3   Review and update Implementation Plan for ATN Ground-ground
                    applications (AMHS)

           1.4   Review coordination and test for ATN ground applications
                    implementation

           1.5   Evaluation and recommendations on the AMHS coordination and
                    implementation.

Agenda Item 2:   **ATN Infrastructure in the CAR Region and its Ground - Ground and
                           Ground – Air applications**

           2.1   Revise/Update of CAR/SAM Router Plan

           2.2   Initiate Plan for an IP ATN CAR backbone network configuration

Agenda Item 3:   **Other Business**

ATTACHMENT D

ATTACHMENT D

International Civil Aviation Organization
North American, Central American and Caribbean Office (NACC)
III Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions (III AMHS-IMP)
GREPECAS CAR Project D - ATN infrastructure in the CAR Region and its ground-ground and ground-air applications
Santo Domingo, Dominican Republic, 24 to 27 September 2013

GENERAL INFORMATION

(Presented by the Secretariat)

1. Event Venue and Dates

The Federal Aviation Administration (FAA) of United States, the Instituto Dominicano de Aviación Civil (IDAC) of Dominican Republic and ICAO convene the III Workshop/Meeting on the Follow-up to the Implementation of the ATS Message Handling System (AMHS) in the NAM/CAR Regions, that will be held at Hotel Be Live Hamaca, Boca Chica Calle Duarte #1 Esquina Caracol, Boca Chica in Santo Domingo, Dominican Republic, from 24 to 26 September 2013. GREPECAS CAR Project D - ATN infrastructure in the CAR Region and its ground-ground and ground-air applications Meeting will be held in the same venue on 27 September 2013.

2. Name, Address and Contact Numbers of the Event Coordinator

Mr. Bolívar Leon
Instituto Dominicana de Aviación Civil (IDAC)
Telephone: + 1-809-274-4322
E-mail: bleon@idac.gov.do

3. Participants Registration

Delegate registration will take place on Tuesday 24 September 2013, from 08:30 to 09:00 hours.

4. Opening Ceremony

The opening ceremony of the Workshop will take place on 24 September 2013 at 9:00 hours, likewise, the opening ceremony of the Meeting of Project D will take place on 27 September 2013 at 9:00 hours.

5. Temperature

22° - 31°

6.   **Accommodation**

Hotel Be live Hamaca- all inclusive
Address   Calle Duarte, 1 Esq. Caracol, 10124 Boca Chica
Telephone   1 (888) 774 0040 or 305 774 0040
E-mail   reservations2@vacstore.net
Website   http://www.belivehamaca.com/

Single Room	Double Room
US$ 123.00	US$ 148.00

Hotel Reservations should be made directly with the Hotel.

7.   **Local Transportation**

The recommended transportation methods are taxis and rental cars.

8.   **Hospitals**

For hospitals information please visit the following website:
http://www.paginasamarillas.com.do/republica-dominicana-neg/lang-es/criterio-/class-Clinicas+y+Hospitales/cc-034900/tc-/ciudad-BC/sa-cg2/pt-0/np-30/na-1

9   **Commercial Working Hours**

Office Hours in the City: 8:00 a.m. to 10:00 p.m.
Banking Hours: 9:00 a.m.to 4:00 p.m.

10.   **Visas**

http://www.godominicanrepublic.com/rd/index.php?option=com_content&view=article&id=57&Itemid=78&lang=en

11.   **Others**

Sales tax is of 18%, and it is not necessarily included in the prices

Tips in the restaurants and similar places, normally are not included in the bill, except for large groups

While tips are given with discretion, waiters and waitresses in restaurants usually receive a tip equivalent to 10%of the total bill for the service.

- END -