When replying please quote:

Ref.: NT - N1-8.3.14, NE-57-2, NS 2-35 — **EMX0074**   7 February 2014

To: States, Territories and International Organizations

Subject: **Invitation – Automation System and Integrated Telecommunications for Air Navigation Services/System-Wide Information Management (SWIM) Workshop (AUTO/SWIM)**
Mexico City, Mexico, 21 to 24 April 2014

GOLD/ Controller-Pilot Data Link Communication (CPDLC) Task Force Follow-up Meeting
Mexico City, Mexico, 25 April 2014

Air Traffic Services Inter-facility Data Communication (AIDC) Task Force Follow-up Meeting
Mexico City, Mexico, 25 April 2014

Action
Required: 1)   Suggest additional items for the Provisional Programme by **28 March 2014**
              2)   Submission of presentations by the deadlines provided in this letter
              3)   Register participation by **21 March 2014**

Sir/Madam:

I have the honour to invite your administration/organization to participate in the System Automation and Integrated Telecommunications for Air Navigation Services/SWIM Workshop (AUTO/SWIM) to be convened at the ICAO NACC Regional Office, Mexico City, Mexico, from 21 to 24 April 2014.

This event refers to Regional Performance Objectives (RPOs) of the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (NAM/CAR RPBANIP): RPO 4 *Improve Situational Awareness*; RPO 6 *Optimization and Modernization of Communication Infrastructure*; and RPO 7 *Implementation of Aeronautical Information Management (AIM)* supporting implementation of other data processing related RPBANIP RPOs and implementation of ICAO Aviation System Block Upgrades (ASBUs) B0 modules: B025/FICE - *Increased Interoperability, Efficiency and Capacity through Ground-Ground Integration*; B040/TBO - *Improved Safety and Efficiency through the initial application of En-Route Data Link;* and B102/SNET - *Increased Effectiveness of Ground-Based Safety Nets*.

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E-mail: **icaonacc@icao.int**
Website: **www.icao.int/nacc**

The workshop will be composed of two parts; the first two days will feature system manufacturers, and the last two days will be for the follow-up on the implementation by States on Automated Systems and functionalities. .The workshop will follow-up on regional implementation plans (AIDC, CPLDC, Automatic Dependent Surveillance-Broadcast (ADS-B), Aeronautical Information Management (AIM), etc.), agreed actions and target dates for AIDC, CPDLC, radar data sharing, and ADS-B implementation.

The main objectives of the workshop are:

- Provide an overview of latest Air Traffic Control (ATC) system automation, implementation of functionalities such as AIDC, CPDLC, and situational awareness improvements with radar/ADS-B data sharing, as well as how the State ATC system is approaching the ICAO SWIM concept
- Provide operational guidance and assistance for implementing automated applications
- Provide information on aspects to be considered in planning and implementation of SWIM, CPDLC, AIDC, system automation interconnection, and situational awareness enhancements

The workshop is designed for technical and operational professionals dedicated to planning, use, and implementation of ATS automated systems and AIM improvements; staff involved in the planning and implementation of the CPDLC, AIDC, automated system alarms/warnings and SWIM related matters; professional operational users of automated systems within States/Territories; and representatives of international organizations in the NAM/CAR Regions.

The working languages of the workshop will be English and Spanish, and simultaneous interpretation will be provided if sufficient participants of both languages provide timely registration.

The Provisional Programme of the workshop is at **Attachment A.** States wishing to submit proposals for additional topics should do so by **28 March 2014.**

You are kindly requested to complete and return the Registration Form at **Attachment B** for each participant by e-mail by **21 March 2014.**

The list of suggested hotels, ICAO NACC Regional Office location, and hotel sector maps as well as other useful information are available on the *"Visiting Our Office?"* Section of the ICAO NACC Regional Office website (http://www.icao.int/NACC/Pages/visitors_info.aspx). Participants are encouraged to make reservations directly with the hotel(s) in a timely manner.

All presentations will be placed in the Meetings Section of the following web page: http://www.icao.int/NACC/Pages/default.aspx as they become available. Taking into consideration the availability of presentations in electronic format, no hard copies will be distributed during the event.

States/Territories/international Organizations are also invited to share their experience with implementation of these systems and support the workshop with a 30-minute presentation. Presentations that your administration/organization may wish to present at the event should be forwarded to this Regional Office by e-mail no later than **28 March 2014,** in PowerPoint format.

After the workshop, and as requested by the NAM/CAR Air Navigation Implementation Working Group (ANI/WG) AIDC and GOLD/CPDLC Task Force Rapporteurs, Mr. Fernando Casso and Mr. Noel Dwyer, respectively, a follow-up meeting of each Task Force is scheduled on 25 April 2014, at the ICAO NACC Regional Office. All workshop participants and AIDC and GOLD/CPDLC Task Force members are invited to attend. The meetings Draft Agenda is at **Attachment C**.

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 award of a fellowship *as soon as possible*. The fellowship includes daily subsistence allowance (DSA) to cover lodging and expenses; your Administration shall provide the candidate with the air ticket to/from Mexico City, Mexico, and ensure that the candidate has the necessary travel documents, vaccinations, and visa prior to departure.

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 coordination has been completed, the nomination form of the candidate representing the Eastern Caribbean States **should be sent to this Regional Office by ECCAA**.

Please provide confirmation as to whether your Administration is interested in proposing a fellowship candidate to attend the System Automation and Integrated Telecommunications for Air Navigation Services/SWIM Workshop (AUTO/SWIM) as soon as possible. You should return the Fellowship Nomination Form (**Attachment D**) duly completed to this Regional Office by **24 March 2014**.

A fellowship form must be completed for each nominee. All pages must be completed, including your Administration's signature and seal (page 2), as well as the doctor's signature who performs the medical examination on the medical portion of the form (page 6). Submit the Fellowship Nomination Form to the e-mail addresses provided below:

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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).*

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 any further information regarding the workshop, please contact Mr. Julio Siu, Regional Officer, Communications, Navigation and Surveillance (jsiu@icao.int); Mr. Raul Martinez. Regional Officer, Aeronautical Information Management, (rmartinez@icao.int); 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 – Registration Form
C – Draft Agenda
D – Fellowship Nomination Form

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International Civil Aviation Organization
Organización de Aviación Civil Internacional
North American, Central American and Caribbean Office (NACC)
Oficina para Norteamérica, Centroamérica y Caribe (NACC)
System Automation and Integrated Telecommunications for Air Navigation Services/
System-Wide Information Management (SWIM) Workshop (AUTO/SWIM)
Taller del Sistema de Automatización y Comunicaciones Integradas para Servicios de Navegación Aérea/Gestión de la Información de todo el Sistema (SWIM) (AUTO/SWIM)
Mexico City, Mexico, 21 to 24 April 2014 / Ciudad de México, México, 21 al 24 de abril de 2014

PROGRAMME / PROGRAMA

DAY ONE / DÍA UNO *Monday 21 April 2014 / Lunes 21 de abril de 2014*

08:30 – 09:00	Registration / Registro

09:00 – 09:30	Opening Ceremony / Ceremonia de Inauguración
	Opening Remarks / Palabras de apertura
	• *Loretta Martin*
	  Regional Director International Civil Aviation Organization – ICAO
	  Directora Regional, Organización de Aviación Civil Internacional – OACI

	Group Picture / Foto de Grupo

09:30 – 10:30	• *ICAO Presentation – Introduction to Automation and SWIM Concept*
	  Presentación OACI – Introducción a la Automatización y concepto SWIM
	• *Automation System Manufacturer Presentations*
	  Presentaciones de los fabricantes del Sistema de Automatización

10:30 – 11:00	***Coffee Break / Pausa para el Café***
11:00 – 12:30	• *Automation System Manufacturer Presentations (cont.)* *Presentaciones de los fabricantes del Sistema de Automatización (cont.)*
12:30 – 13:30	***Lunch Break / Pausa para el Almuerzo***
13:30 – 14:30	• *Automation System Manufacturer Presentations (cont.)* *Presentaciones de los fabricantes del Sistema de Automatización (cont.)*
14:30 – 15:00	***Coffee Break / Pausa para el Café***
15:00 – 16:00	• *Automation System Manufacturer Presentations (cont.)* *Presentaciones de los fabricantes del Sistema de Automatización (cont.)*

DAY TWO / DÍA DOS *Tuesday 22 April 2014 / Martes 22 de abril de2014*	

09:00 – 10:30	• *Automation System Manufacturer Presentations (cont.)* *Presentaciones de los fabricantes del Sistema de Automatización (cont.)*
10:30 – 11:00	*Coffee Break / Pausa para el Café*
11:00 – 12:30	• *Automation System Manufacturer Presentations (cont.)* *Presentaciones de los fabricantes del Sistema de Automatización (cont.)*
12:30 – 13:30	*Lunch Break / Pausa para el Almuerzo*
13:30 – 14:30	• *Automation System Manufacturer Presentations (cont.)* *Presentaciones de los fabricantes del Sistema de Automatización (cont.)*
14:30 – 15:00	*Coffee Break / Pausa para el Café*
15:00 – 16:00	• *Automation System Manufacturer Presentations (cont.)* *Presentaciones de los fabricantes del Sistema de Automatización (cont.)*

DAY THREE/ DÍA TRES *Wednesday 23 April 2014 / Miércoles 23 de abril de2014*	

09:00 – 10:30	• *ICAO ASBU Implementation* *Implementación ASBU de la OACI* • *CPDLC Implementation Matters* *Cuestiones de implementación CPDLC*
10:30 – 11:00	*Coffee Break / Pausa para el Café*
11:00 – 12:30	• *CPDLC Implementation Matters (cont.)* *Cuestiones de implementación CPDLC (cont.)*
12:30 – 13:30	*Lunch Break / Pausa para el Almuerzo*
13:30 – 14:30	• *AIDC Implementation Matters* *Cuestiones de implementación AIDC*
14:30 – 15:00	*Coffee Break / Pausa para el Café*
15:00 – 16:00	• *AIDC Implementation Matters (cont.)* *Cuestiones de implementación AIDC (cont.)*

ATTACHMENT/ADJUNTO A

DAY FOUR/ DÍA CUATRO *Thursday 24 April 2014 / Jueves 24 de abril de2014*

09:00 – 10:30	• *SWIM and Database Implementation* *Implementación del SWIM y bases de datos*
10:30 – 11:00	***Coffee Break / Pausa para el Café***
11:00 – 12:30	• *Radar and Data Processing and Exchange Implementation* *Implementación radar y de procesamiento e intercambio de información*
12:30 – 13:30	***Lunch Break / Pausa para el Almuerzo***
13:30 – 14:30	• *Automated System Alarm / Warning Enhancement* *Sistema de Automatización de alarma / mejora de advertencia*
14:30 – 15:00	***Coffee Break / Pausa para el Café***
15:00 – 15:30	• *Workshop Summary* *Resumen del Taller*
15:30 – 16:00	***Closing*** ***Clausura***

— END/FIN —

GOLD AND AIDC TASK FORCES FOLLOW-UP MEETING

(ICAO NACC Regional Office, Mexico City, Mexico, 25 April 2014)

DRAFT AGENDA

Agenda Item 1   **Activities carried out by the Task Forces work programme**

Agenda Item 2   **Results of NACC/WG/4 Meeting**

Agenda Item 3   **Review and updates of Task Force Programme Activities**

Agenda Item 4   **ToRs and membership review for 2014**

Agenda Item 5   **Other Business**

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