NAM/CAR ATFM Task Force

Go-To Meeting

January 30, 2015

NAM/CAR ATFM GoTo Meeting
ATCSCC Warrenton, VA

Friday, January 30, 2015

In attendance on GoTo Meeting:

- FAA ATCSCC United States - Franklin McIntosh – (ATFM Rapporteur) and Lenard Carter, Laura Robinson-Flores, Jill Sparrow, Jim Bedow and Andrea Sullivan

- United States FAA ATO United States - Midori Tanino, Lead International NextGen – Technical Advisor and Braks Etta – ATO International, The Americas

- Canada – Dan Piano and Frederic Gagnon

- Dominican Republic - Roosevelt Peña

- Mexico - Alvaro Edgar Pérez Galindo and Aturo Enrí Aviala

- Trinidad and Tobago - Curtis Fraser and Kent Ramnarace –Singh

- CANSO - Javier Vanegas and Vanessa Salazar

- IATA - Marco Vidal and William Murphy

- Jamaica - Carl Gaynair, Christopher Finlayson , Courtney Malcom and Howard Greaves

- COCESNA - Jacqueline Oqueli and Fernando Soto

- ICAO - Carlos Gonzales

- Haiti - Mario Eric Legagneur

The Caribbean Region Air Traffic Demand is growing and there is need for Situational Awareness, information sharing and modernization. A ***Harmonized Streamlined ATFM System*** is good for all and will help meet our objectives outlined in the Regional Performance Based Air Navigation (RPBANIP) implementation plan set for NAM/CAR Air Navigation Implementation Working Group (ANI/WG) http://www.icao.int/nacc/documents/meetings/2014/cardcaopsan/d1-p1.pdf

<u>IATA Thoughts and Statistics</u>

➢ IATA has estimated Caribbean and South America passenger volume will increase by 40% by 2020. Just five years away!
➢ 39 % of the world's passengers are flying to international destinations
➢ Failure to harmonize systems could result in differing requirements and differing timeframes depending on the Region. This will hinder the air transport system with inefficiencies and safety concerns.

<u>CANSO Press Release</u>

➢ Mexico City, 2 December 2014 - CANSO, the Civil Air Navigation Services Organization, urged States to facilitate the economic benefits that rapid growth in air traffic is bringing to Latin America and the Caribbean. CANSO outlined three key focus areas to modernize air navigation infrastructure to handle this growth: effective advocacy to persuade State decision-makers of the importance of investing in air traffic management (ATM) infrastructure; implementing the Aviation System Block Upgrades; and further strengthening partnerships with ICAO, States and the aviation industry.

Port –of-Spain Declaration

➢ Regional Air Navigation Target - 100% of Flight Information Regions (FIRs) within which all Area Control Centres (ACCs) to have ATFM measures available by December 2018.

Purpose:

1. Establish consistent regional ATFM planning and operating practices regionally

2. Encourage a collaborative and harmonized approach to ATFM amongst States and Regions

3. Foster a systematic approach to ATFM, inclusive of all ATM community

Agenda items:

a) Review meeting notes from First Telcon, November 25, 2014

b) Review realistic Timeline of Workforce Programme - progress completing the Workforce Programme

c) Briefing from JCAA on progress of ATFM - Presented by Christopher Finlayson

d) International Operations (IO) position at ATCSCC - Weekly Caribbean Telcon

e) Frequency of ATFM Task Force meetings

f) Report on next two year Regional Major events - Formula 1

g) POC for ANSP's to include Title, Email and Phone Number

Additional items to discuss:

Discussions:

- Importance of Survey Questionnaire - What does the ANSP Need?

- Letter of Agreements between FIR's for DATA Exchange

- International Data Sharing

- Review Advisory Documentation

- More Participation on the Caribbean Telcon - Consider adding representatives from ZNY Oceanic, ZMA Oceanic and members from the each FIR in the Central American and Caribbean Region.

- Next Meeting – Proposing February 26, 2015 at 1600Z

AGENDA A: Review November 25th Meeting Notes

a) Began the 1st meeting in November by requesting team members to review the ATFM ANI/WG documents and timelines and get a realistic assessment of where everyone is currently on ATFM. This will facilitate and enable the Region on moving forward with ATFM. In addition, Frank McIntosh made reference to the ATFM conference held in Cancun, Mexico, and acknowledged how participants from all over the world understood the importance of implementing ATFM in their respected regions. In order to get the ATFM Task Force back up to speed again, Frank suggested that the group review the workforce programme and set realistic goals and timelines to implement the ATFM within the region.

b) Frank McIntosh appointed Lenard Carter as the focal point for the ATFM ANI/WG and lead to the meetings. As a backup, Laura Robinson - Flores will participate and assist the group when needed.

c) Jamaica reported they have assembled an ATFM team to implement ATFM within Kingston Air Traffic Control Centre.

   Update: Mr. Christian Finlayson from JCAA will provide a short update on their progress
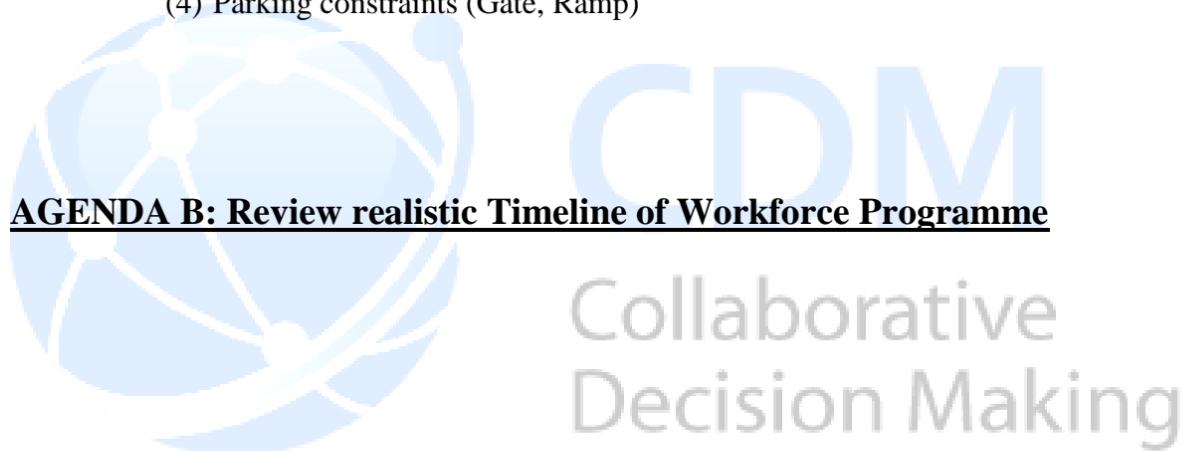
2) ***More Participation*** Consideration for adding representatives from ZNY Oceanic, ZMA Oceanic and members from other FIR's in the Central American and Caribbean Region. Update – We have contacted John Azzarone from, NY Oceanic and from ZMA Oceanic to participate. Expect their presence next Telcon.

a) The team overwhelmingly agreed for the need of additional FIRs to join the group. The benefit would be for situational awareness, exchanging of ideas, lessons learned and experience within their ATFM process. Our ultimate goal here is to exchange data and information and build long standing relationships between NAM/CAR/SAM Region for a harmonized ATFM system. Representation from the following FIR's were recommended from the group; Cuba, Costa Rica, Guatemala, Honduras, El Salvador, Nicaragua, Belize, Haití, Panamá, Curacao, Barranquilla, San Juan, Colombia, Santa María and Central America.

3) Discuss the importance of participation in NAM/CAR ATFM Task Force workgroup.

a) Consensus was reached of the importance of the Task Force workgroup. There will be a need in the near future to sign a Letter of Agreements between the FIR's for data exchange. We will continue to discuss the need in future meetings.

4) Important events coming up in the near future; Brazil Olympics 2016.

   a) Peak of Seasonal Traffic in CAR region – The Task Force was assigned to review their agendas for next 2 years on events that may increase traffic volume. Members were asked to have the information available and report out during the next scheduled telcon.

5) How often should NAM/CAR ATFM Task Force meet/telcon?

   a) The group agreed to meet the last week (flexible) of month beginning **January 28 1100-1200 Eastern – 1600 -1700 Zulu**.

6) Future Concept: Consideration of joining the weekly Caribbean telcon held at ATCSCC in Warrenton, VA every Friday at 1315Z.

   a) ATCSCC representatives provided an overview of the weekly Caribbean telcon and expressed the goal of eventually having representation from all FIRs in the Region participate on the telcon. For now, the FIR representatives are invited to listen for situational awareness.

   b) Participates are able to join the Caribbean Telcon held every Friday at 1315Z by dialing 540-359-3200 Pin #2316. Please be sure to mute your call.   The following representatives committed to joining the Caribbean Telcon from Mexico, Dominican Republic, Jamaica, Trinidad & Tobago, COSESNA.

7) Updates: Telcon is now being conducted Friday, Saturday and Sundays at 1315z. Limited participation.

Discussion items on Caribbean Telcon

   a) Weather Overview

   b) Strategic Overview

      i)   Special Events

   c) Tactical Overview

      i)   Staffing Concerns

ii) Equipment issues (Planned or unplanned outages ex. Navaids, Frequencies)

iii) Enroute/Terminal Airspace constraints (Demand vs Capacity issues, Reroutes, Airway Closures, Deviations)

iv) Traffic Management initiatives (TMI's expected or in support of other facilities)

v) Miscellaneous (Security issues, Other important information the community should know)

vi) Airport limitations

    (1) Construction

    (2) Fuel availability

    (3) Runway/Taxiway closures (High speed turn offs)

    (4) Parking constraints (Gate, Ramp)

AGENDA B: Review realistic Timeline of Workforce Programme

NAM/CAR ATFM Task Force Work Programme

ATFM Mission Statement
The ATFM Work Programme (WP) provides specific initiatives for the development of a regional concept of ATFM implementation in NAM/CAR Region. This is consistent with ICAO Doc. 9971 and other related global documents. It takes into consideration the execution of a simple, basic, and incremental approach of promoting, sharing and implementing a regional, interoperable ATFM framework.

INTRODUCTION
People, automation, technology and collaboration with system stakeholders (inclusive of academia) will be the core principles of this project. The Work Programme seeks to:

1. Establish consistent regional ATFM planning and operating practices
2. Encourage a collaborative and harmonized approach to ATFM amongst States and Regions
3. Foster a systemic approach to ATFM, inclusive of all ATM community members

The document takes into consideration the diverse range of experience, technology and available resources. Each group tasking will be categorized using the following key:

Short Term: Achievable within 1 year time frame (Tactical)
Medium Term: Accomplishable within 1-2 year time frame (Pre-tactical)
Long Term: Obtainable within 3-5 year time frame (Strategic)

*** This document shall be a guideline for establishing ATFM NAM/CAR goals and reviewed periodically throughout the year. A formal review each calendar year shall be conducted during the ANI/WG and NACC/WG meeting so as to update/revise/modify its content for currency and applicability.

No	Activity/Actividad	Objective/Objetivo	Responsible/Responsable	Deliverable/Entregable	Date/Fecha
1	Regional assessment of ANSPs - Identify participants - Capabilities - Experience (entry/intermediate/advance) - FMU/FMP/Ops Sup/Mgr. - What do ANSPs need? - Conduct study of existing/future FMP/FMU and a Regional Centralized FM Center - Note: A review as to the specific methodology to solicit this info (email/survey etc.) will be determined	Provide a baseline assessment of resources, needs & capabilities	ATFM Task Force Team	Report/document to be determined	Short Term (Dec 2014 – Jan 2015)

Complete and report information at next meeting on January 28, 2015

AGENDA C: JCAA update from Mr. Christian Finlayson

AGENDA D: International Position (IO) at ATCSCC – Weekly Caribbean Telcon

DCC Order 7200.100 – IO Duties and Responsibilities

- **Duties of the IO Position**
  - Telcons
  - TMI's (AFP's, Reroutes, MIT, etc)
  - Advisories

– Log entries into NTML

- **Coordinate with International Air Navigation Service Providers (ANSP) and communicate as necessary with:**
  – Terminal and/or Severe Weather Area NTMO's
  – TCA
  – Field facilities
  – Customers

The **IO position** can be reached at **(540) 359-3158**. You are encouraged to pass along labor issues, staffing, equipment outages, airport incidents, Aeronautical Fixed Telecommunication Network (AFTN) interruptions/outages.

Being proactive is utmost importance for safety and awareness for the flying community and is great customer service. By you being proactive and informing the ATCSCC of any concerns that may affect traffic into or out of your respected ANSP, the ATCSCC will be able to provide the CDM community with predictability and adjust traffic management initiatives as needed. Your participation will be well received and appreciated.

ANSP's are cordially invited to participate on the Caribbean Telcon at **(540) 359-3200 Pin 2316#** to listen and/or provide input on your respected operation. We encourage your ANSP to use the ATCSCC Advisory database for your situational awareness. The ATCSCC currently facilitates the **Caribbean Telcon** every Friday, Saturday and Sunday at 1315z until mid-April. Concluding the telcon, the ATCSCC will issue Caribbean Advisory providing pertinent information gathered from the telcon. The advisory will have airport specific terminal (Aerodrome) constraints, Enroute constraints, planned Traffic Management Initiatives and planned MEVA/AFP Routes into and out of the Caribbean Region

Example of the Caribbean Advisory Outlook with detailed information shared with the CDM Community is below.

ATCSCC Advisory

ATCSCC ADVZY 051 DCC 01/04/2015 CARIBBEAN OUTLOOK_FYI

MESSAGE: VALID FOR 041400 THRU 051359
TERMINAL CONSTRAINTS:
MBPV-NORMAL OPERATIONS, ARRIVAL/DEPARTURE DELAYS POSSIBLE
TAPA-ARRIVAL/DEPARTURE DELAYS POSSIBLE
TNCM-CLOSED TO GENERAL AVIATION (DUE TO RAMP CONSTRAINTS) UNTIL
FURTHER ADVISED   (EXPECTED ALL DAY)
ENROUTE CONSTRAINTS:
ZMA-VOLUME CONSTRAINTS
ZJX-VOLUME CONSTRAINTS
ROUTES: MEVA_ROUTES_MDPC_MDLR, TIST_TISX_VIA_ELMUC,
ATLANTIC_NORTH_1, ATLANTIC_NORTH_2, ATLANTIC_SOUTH_1, AND
ATLANTIC_SOUTH_2
AFP: AFPMV1 IMPLEMENTED DUE TO EQUIPMENT LIMITATIONS.
      AFPMA5 IMPLEMENTED FOR VOLUME CONCERNS.
      AFPJX7 POSSIBLE FOR VOLUME CONCERNS AND TSTORM CONSTRAINTS.
TMI'S: EXPECTERD VIA NTML.
TELCON PHONE NUMBER: (540) 359-3200 PIN 2316#
NEXT PLANNING TELCON: 091315Z.

EFFECTIVE TIME: 041355 — 051359
SIGNATURE: 15/01/04 13:52

Pathway to access ATCSCC Caribbean Advisory

This document has been created to aid in situational awareness of the Caribbean Outlook for planned Air Traffic Management Initiatives. The ATCSCC facilitate a Caribbean Telcon Friday, Saturdays and Sundays from November through April. Considering daylight savings, the Telcon are facilitated at 1315Z. You are invited to join the Telcon at (540)359-3200. When prompted, enter Pin 2316#. A synopsis of the Telcon is issued on an advisory the ATCSCC distributes to the CDM community. The International Operations (IO) position can be reached at (540) 359-3158 for assistance pertaining to Air Traffic.

Step 1: http://www.fly.faa.gov/flyfaa/usmap.jsp

Step 2: Select Products indicated by red arrow. The Products tab will link to the ATCSCC Advisory Database.

Once Product is selected, you will be linked to The Most Recent ATCSCC Advisory.

Federal Aviation Administration

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Air Traffic Control System Command Center

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The Most Recent ATCSCC Advisory

ATCSCC ADVZY 021 SFO/ZOA 01/20/2015 CDM PROPOSED GROUND DELAY

MESSAGE: PROGRAM
CTL ELEMENT: SFO
ELEMENT TYPE: APT
ADL TIME: 1329Z
DELAY ASSIGNMENT MODE: UDP
ARRIVALS ESTIMATED FOR: 20/1700Z - 20/2259Z
ANTICIPATED CUMULATIVE PROGRAM PERIOD: 20/1700Z - 20/2259Z
ANTICIPATED PROGRAM RATE: 30/30/34/36/45/54
FLT INCL: ALL CONTIGUOUS US DEP
DEP SCOPE: 1625
ADDITIONAL DEP FACILITIES INCLUDED:
CANADIAN DEP ARPTS INCLUDED: CYEG CYVR CYYC
DELAY ASSIGNMENT TABLE APPLIES TO: ZOA
ANTICIPATED MAXIMUM DELAY: 112
ANTICIPATED AVERAGE DELAY: 61
IMPACTING CONDITION: WEATHER / LOW CEILINGS
COMMENTS: PROPSAL ONLY, TELCON AT 1350.
USER UPDATES MUST BE RECEIVED BY: 20/1400Z

EFFECTIVE TIME: 201333 - 201459
SIGNATURE: 15/01/20 13:34

Step 3: Once on this page, select *Advisories Database Selection Form* (red arrow).

Step 4: Select the requested date of advisory (red arrow). Filtering options are available to specify category of interest. By default, *ATCSCC Advisories only* is selected (blue arrow). Select *Show Selected Advisories* (green arrow) to receive requested advisories.

The *Show Selected Advisories* tab will display the filtered date of advisories requested. Once on page, you will find numbered advisories. Select *Caribbean Outlook FYI Advisory #024* (red arrow) to display texted outcome of required Air Traffic initiatives.

Air Traffic Control System Command Center

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ATCSCC ADVISORIES FOR Friday, 01-09-2015				
NUMBER	CONTROL ELEMENT	DATE	BRIEF TITLE	SEND TIME
045	ORD/ZAU	01/09/15	ENY ONLY GROUND STOP TO ORD EXTENSION	01/09/15 23:43
044	ORD/ZAU	01/09/15	ENY ONLY GROUND STOP TO ORD	01/09/15 23:12
043	DCC	01/08/15	OPERATIONS PLAN	01/09/15 22:25
042	LGA/ZNY	01/09/15	CDM GROUND DELAY PROGRAM	01/09/15 20:58
041	DCC	01/09/15	DCC RETRANSMIT OF:	01/09/15 20:20
040	DCC	01/08/15	OPERATIONS PLAN	01/09/15 20:20
039	DCC/DCC	01/09/15	DCC RETRANSMIT OF:	01/09/15 19:51
038	NAV	01/09/15	CDM GROUND STOP	01/09/15 19:28
037	LGA/ZNY	01/09/15	CDM GROUND DELAY PROGRAM	01/09/15 19:27
036	DCC	01/09/15	VOLCANIC ACTIVITY BULLETIN	01/09/15 18:51
035	DCC	01/08/15	OPERATIONS PLAN	01/09/15 18:28
034	DCC	01/09/15	VOLCANIC ACTIVITY BULLETIN	01/09/15 17:14
033	SEA/ZSE	01/09/15	SEA AIRPORT CONDITIONS	01/09/15 17:02
032	DCC	01/08/15	OPERATIONS PLAN	01/09/15 16:26
031	LGA/ZNY	01/09/15	CDM GROUND DELAY PROGRAM	01/09/15 16:15
030	LGA/ZNY	01/09/15	CDM GROUND DELAY PROGRAM	01/09/15 14:51
029	DCC	01/09/15	NATOTS_RQD	01/09/15 14:33
028	DCC	01/08/15	OPERATIONS PLAN	01/09/15 14:30
027	LGA/ZNY	01/09/15	CDM GROUND STOP	01/09/15 13:47
026	LGA/ZNY	01/09/15	LGA DIVERSION RECOVERY	01/09/15 13:36
025	JFK/ZNY	01/09/15	CDM GS CNX	01/09/15 13:36
024	DCC	01/09/15	CARIBBEAN OUTLOOK_FYI	01/09/15 13:33
023	JFK/ZNY	01/09/15	CDM GROUND STOP	01/09/15 13:20

ATCSCC Advisory 024 (red arrow) will be displayed for your review.

AGENDA E: Frequency of ATFM meetings

Monthly

Future Meetings and Telcons

January 28, 2015 - 1100-1200 Eastern – 1600 -1700 Zulu

February 24 - 26, 2015

March 31 or April, 2015

AGENDA F: Next Two Years Major events for ANSP's

Updates:

AGENDA G: POC for ANSP's to include Title, Email and Phone Number

Email Main POC for ANSP's by February 6, 2015 to update Database

Rejects emails –

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sunbeef@hotmail.com;

aturogc@att.mx;

marioeric.legagneur@ofnac.gouv.het;

marsha.hinkson@aviation.com.gov.bz

komasorats@gmail.com

Closing Remarks by Carlos Gonzalez

Thank You

CDM, International Operations Group, ATCSCC, FAA

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Federal Aviation Administration