International Civil Aviation Organization
North American, Central American and Caribbean Office (NACC)
Thirteenth Meeting of Directors of Civil Aviation of the Central Caribbean (C/CAR/DCA/13)
Havana, Cuba, 28 - 31 May 2013

Agenda Item 5:   **Air Navigation Matters**
            5.1   Review of the implementation of the RPBANIP, the new NAM/CAR ANI/WG, Results of the Twelfth Air Navigation Conference (AN-Conf/12), the Global Air Navigation Plan (GANP), implementation of Aviation System Block Upgrades (ASBUs) and impact on regional plans

REVIEW OF THE NAM/CAR REGIONAL PERFORMANCE BASED AIR NAVIGATION IMPLEMENTATION PLAN (RPBANIP) AND THE NEW NAM/CAR AIR NAVIGATION IMPLEMENTATION WORKING GROUP (NAM/CAR ANI/WG)

(Presented by the Secretariat)

SUMMARY
This working paper presents the progress in the Central Caribbean in accordance with the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (RPBANIP) for the North American and Caribbean Regions (NAM/CAR), as well as the establishment of the NAM/CAR Air Navigation Implementation Working Group (NAM/CAR ANI/WG).

References:
- Ninth Central Caribbean Working Group Meeting (C/CAR/WG/9) (Mexico, Mexico City, from 5 to 9 March 2012).
- Twelfth Meeting of Directors of Civil Aviation of the Central Caribbean (C/CAR/DCA/12) Punta Cana, Dominican Republic, 10 to 13 July 2012
- State Letter Ref: EMX0944 *"New NAM/CAR Air Navigation Implementation Working Group (NAM/CAR ANI/WG)"*dated 24 October 2012.
- 1st NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Teleconference (28 January 2013).
- Minutes of First Teleconference on Air Navigation Implementation activities in the Central Caribbean (15 March 2013).
- NAM/CAR Regional Performance Based Air Navigation Implementation Plan. (http://www.mexico.icao.int/Meetings/CCARWG/RPBANIP-s%20mayo%202011.pdf)

Strategic Objectives	*This working paper is related to Strategic Objectives A Safety – Enhance global civil aviation safety and C Environmental Protection and Sustainable Development of Air Transport.*

1.   Introduction

1.1   During the C/CAR/DCA/12 meeting (July 2012), the Chairperson of the Central Caribbean Working Group presented an executive summary of the report of the Ninth C/CAR/WG Meeting (C/CAR/WG/09) with the outcomes achieved in accordance with the NAM/CAR RPBANIP and the follow-up on the progress to that date

1.2   The C/CAR/WG/9 meeting identified that several activities of the Regional Performance Objectives (RPO) require validation of their schedules and responsibilities, due to the delay of the tasks without having a report of their compliance. Likewise, the lack of detailed action plans for the implementation of activities related to the Aeronautical Information Management (AIM) (RPO 10 & 11) and Aeronautical Meteorology (RPO 12) was identified.

2.   Discussion

Progress on the NAM/CAR RPBANIP Implementation

2.1   Implementation of the RPBANIP tasks has continued since the C/CAR/WG/9 meeting, through teleconferences and correspondence, as well as work by individual specific working groups such as the Group for ATS routes implementation in the Gulf of Mexico (GoMex), Group for Aeronautical Mobile Service (AMS) communication improvements, MEVA Technical Management Group (TMG), etc.; and through surveys to identify the implementation status coordinated by the NACC Regional Office, and finally through bilateral communications between FIRs. This progress and delays are summarized in **Appendix A** to this working paper, listed in the order of the RPBANIP RPOs.

2.2   In order to improve the efficiency and effectiveness of the existing mechanism of sub-regional working groups that supports the air navigation implementation, the Fourth Meeting of North American, Central American and Caribbean Directors of Civil Aviation (NACC/DCA/4) formulated Conclusion 4/9 - *Consolidation of Sub-Regional Working Groups in the CAR Region.* In attention to this Conclusion, the C/CAR/DCA/12 meeting considered the options for the future mechanism for air navigation implementation in the Region, recommending to maximize the use of the virtual meetings and necessary inputs of the Aerodromes and Ground Aids (AGA), Meteorology (MET), and Search and Rescue (SAR) fields according to the contents to be discussed in the meetings.

Establishment of the New ANI/WG Working Group

2.3   Subsequent to the C/CAR/DCA/12 meeting, ICAO discussed the topic of the new proposed mechanism for the future support to the implementation of the Air Navigation Plan (ANP) implementation in the CAR Region during the Twenty-fourth Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/24), held in Martinique, France, from 2 to 5 October 2012, concluding with the establishment of the new NAM/CAR Air Navigation Implementation Working Group (NAM/CAR ANI/WG). This establishment was informed through the State Letter Ref: EMX0944 dated 24 October 2012presented in **Appendix B** to this working paper.

2.4   The establishment of the ANI/WG allows to:

a)   consolidate the three existing sub-regional groups and incorporate the NAM Region with a geographical representation similar to the existing on the NACC Working Group (NACC/WG);

b)   limit the scope of work to those air navigation areas which are interrelated and integrated combining the areas of Air Traffic Management (ATM), Communications, Navigation and Surveillance (CNS) and AIM;

c)   separate AGA, MET and SAR areas, so their work is based on its respective projects, but including these areas in the triennial meetings of the NACC/WG;

d)   hold at least 1 face-to-face meeting per year, as required;

e)   work remotely between meetings, maximizing the use of correspondance and virtual meetings; and

f)   represent the sub-regions in the NAM/CAR ANI/WG meetings with a delegation that has decision making authority on behalf of the sub-region.

2.5   ICAO has been coordinating with the Chairpersons and members of the former sub-regional working groups, in order to facilitate the transition to ANI/WG and ensure continuity of the implementation work, as well as the preparation for updating the work plans in accordance with the new Aviation System Block Upgrade (ASBU) concept. In this regard, the first teleconference was held on 28 January 2013 with the following outcomes:

a)   clarification on the establishment of the ANI/WG;

b)   identification of coordination and support between the ANI/WG and other regional groups;

c)   preliminary discussion on the new terms of reference and work programme of the ANI/WG;

d)   agreement of the transition of the former working groups like the C/CAR/WG until the first ANI/WG meeting;

e)   the agreement for the progress presentation by the Chairpersons of the former working groups like the C/CAR/WG for the first ANI/WG meeting (Minutes of the First Teleconference on Air Navigation Implementation activities in the Central Caribbean (15 March 2013) presented in **Appendix C**; and

f)   agreement for a second teleconference for the ANI/WG on 8 May 2013 at 15:00 UTC.

2.6   The first ANI/WG teleconference only had the participation of Bahamas, Curacao and Turks and Caicos Islands from the Central Caribbean. The teleconference minutes is presented **in Appendix D**.

2.7   The first ANI/WG meeting will be held from 29 July to 1 August 2013 in the ICAO NACC Regional Office. The participation of delegates from each State will allow to meet the established objectives and goals for the ANI/WG.

2.8   Considering the need for active participation to make progress on the implementation of the air navigation aspects in the Central Caribbean, and to obtain the projected benefits of these implementations, it is important to participate in the next ANI/WG meeting and its preparation, and thus the following draft conclusion is proposed:

**DRAFT
CONCLUSION 13/x   PARTICIPATION   IN   THE   AIR   NAVIGATION
                       IMPLEMENTATION WORK LED BY THE ANI/WG**

That, in order to expedite the implementation of air navigation work in the Central Caribbean and the preparation to participate in first ANI/WG meeting, the Central Caribbean States/Territories:

a)   follow-up on RPBANIP implementation activities addressing the progress and delays presented in Appendix A to these paper;

b)   participate in the preparation of teleconferences coordinated by the Chairperson of the former Central Caribbean Working Group (C/CAR/WG), Mr. Julio Mejía of Dominican Republic; and

c)   designate ATM, AIM and CNS experts to participate in the ANI/WG/01 meeting.

3.   Suggested Action

3.1   The Meeting is invited to:

a)   take note of the information presented in this working paper;

b)   promote the implementation of air navigation system requirements and address progress and delays identified in Appendix A;

c)   approve the Draft Conclusion proposed in paragraph 2.8 to ensure the representatives participation in the ANI/WG meeting, naming delegates for each Central Caribbean State/Territory; and

d)   recommend other actions as deemed necessary

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APPENDIX A
Implementation of the RPBANIP tasks in the Central Caribbean since July 2012

RPO 1 IMPLEMENTATION OF PERFORMANCE BASED NAVIGATION (PBN)

a)   Several States have made progress on the PBN airspace implementation and participated in the PBN airspace implementation workshop held in Miami, United Stated in March 2012;

b)   The implementation progress reported by United States and Mexico on the RNP 10, 50 NM of lateral separation and Structure of air navigation area (RNAV) routes/PBN routes on Mexico Gulf, GoMex has implemented its first phase since beginnings of 2013; and

c)   Continuation of improvements to existing Air Traffic Services (ATS) routes improvements, UL474 Route discontinuation replacing it with the extension of UB882 Route from Benet to Taboga (TBG) and other ATS routes improvements: Jamaica is still pending to coordinate with ICAO, IATA and involved States to discuss the UL474 matters and other ATS route improvements.

More details of PBN implementation progress are presented in WP/09.

RPO 2 IMPLEMENTATION OF AIRSPACE FLEXIBLE USE (FUA)

a)   In some States there are some civil-military coordinations to optimize the airspace use.

Delays/Challenges:

a)   it is required that States/territories analyze the restricted airspace impact in the regular air operations; and

b)   it is required to publish procedures between ATS dependencies for the airspace flexible use.

RPO 3 IMPROVE DEMAND AND CAPACITY BALANCING (DCB)

a)   Continuation in States to determine the airport acceptance regime (AAR) and the sector capacity in the States, in order to achieve a balance between demand and capacity, as well as the collection of operations statistics carried out in the Flight Information Regions (FIRs) in the CAR Region

Delays/Challenges:

a)   improve coordination between Air Traffic Flow Management (ATFM) organization within Central Caribbean FIRs;

b)   review ATS agreement letters to facilitate ATFM coordination; and

c)   develop tactical forecast methods to predict ATS demand and define electronic tools required for ATFM situational awareness.

RPO 4 IMPROVE ATM SITUATIONAL AWARENESS

a) A survey of systems capabilities was conducted to implement the Data Communications between the Air Traffic services inter-facility Data Communication (AIDC) and CPL-LAM an Ad-hoc group was established for its coordination; and

b) Data sharing agreements are in progress between different States: Mexico - Cuba, Jamaica - Cuba, COCESNA - Jamaica, COCESNA - Cuba, United States - Sint Maarten, among others.

Delays:

a) lack of implementation of 24 bits aircraft address registry in several States/territories of the Central Caribbean.

RPO 5 IMPLEMENTATION OF THE NEW ICAO FLIGHT PLAN FORMAT

a) This RPO has been completed successfully allowing a harmonized and coordinated transition to the new ICAO flight plan format since 15 November 2012, thanks to the participation of States, territories, users, operators and international organizations like CANSO and IATA;

b) For these activities, the necessary improvements in the System processing of Aeronautical Fixed Telecommunication Network (AFTN) and planning of improvement to the Air Traffic Control (ATC) systems were introduced; establishment and revision of bilateral agreements between Air Navigation Service Provider (ANSP) on the airspaces and adjacent regions for trials and the interface of the new ICAO flight plan format (FPL) processing systems; publication of the standards and required procedures to avoid duplication or errors in the presentation of FPL; conduct training programmes and review of enough qualified personnel in the ANSPs; and

c) With this RPO actions have been directed to improve and reduce the generation of duplicated, missing and erroneous flight plans.

RPO 6 IMPROVE THE SYSTEM OF SEARCH AND RECUE (SAR)

a) Several States have carried out coordination of SAR implementation activities in its FIRs; and

b) There are agreements between Civil Aviation Authorities, and cooperation agreements between civil and military authorities for the provision of SAR services on the Central Caribbean FIRs.

Delays/Challenges:

a) States do not have enough SAR resources;

b) it is necessary to review the causes of false activation of ELT 406 MHz beacons;

c) evaluate SAR capacity in each FIR;

d) promote SAR agreements with States of the adjacent FIRs and with international agencies to improve offshore answer capacity; and

e) publish regulations for the ELT 406 MHz. beacons registry.

RPO 7 ENHANCE CAPACITY AND EFFICIENCY OF AERODROME OPERATIONS

Delays/Challenges:

a) the tasks expected in this RPO are delayed due to the little participation of the States/territories or lack of support and involvement of the Civil Aviation Authorities with the tasks concerning aerodromes;

b) some tasks should be reformulated and updated, this is the case of the task "Rapid exit taxiway requirements to increase runway capacity" that should be reformulated to "Taxiway analysis to avoid runway incursions, support in identification of common problems and action plans implementation to prevent runway incursions" which is a task of higher priority in the Region. This regard a workshop on this matter has been planned from 25 to 28 June 2013.The participation of aerodromes experts of the different States will be of great support to the event to deliberate and identify common problems and provide solutions; and

c) it must be focused in tasks regarding implementation of aerodrome capacity analysis and the implementation of a collaborative aerodrome decision making, the implementation of A-SMGCS system according to the aerodromes needs, considering visibility condition as one of the determinant factors, as well as aerodrome configuration and traffic density respectively.

RPO 8 PROTECTION AND OPTIMUM USE OF RADIO FREQUENCY SPECTRUM

a) Favorable outcomes to the international civil aviation due to the States support to ICAO position in the World Radiocommunication Conference (2012);
b) Completion of the preparative workshop for the CMR-2015 in March 2013;
c) Improvement in frequency assignments coordination;
d) Frequency problems identification and its solution; and
e) Better relation and coordination between Civil Aviation Authorities and National Authority of Spectrum Management.

Delays/Challenges:

a)   support from States/territories to ICAO position for the CMR2015 with an active participation in regional events related to CMR2015 and active coordination with the radiofrequency spectrum Management entities; and

b)   designation and/or confirmation of points of contact to coordinate this support.

RPO 9 OPTIMIZATION AND MODERNIZATION OF COMMUNICATION INFRASTRASTRUCTURE

a)   Progress in the implementation activities for the ATS Messages Handling Systems (AMHS) in the CAR Region, and its follow-up through the Regional implementation schedule including the workshop of the follow-up to the implementation of AMHS systems to be held in 2013;

b)   Progress through bilateral meetings in the solution to several deficiencies in the provision of Aeronautical Mobile Service (AMS) in the CAR Region: Lack/deficient VHF AMS coverage in the Central Caribbean and the lack or deficiencies in VHF communications by the Pacific Coasts of Mexico FIR that requires the implementation of improvements to optimize the service and the safety of the flights. Due to these deficiencies, IATA expressed their support and agreement to work and assess the solutions together between the users/operators and the service providers. In this regard the Meeting agreed on formulating the conclusion 3 - Improvements to AMS Communication Services in the CAR Region. Deficiency on Curacao FIR has been resolved, and work is ongoing on resolving these deficiencies on the Kingston FIR;

c)   Operation and services increase of MEVA II network was satisfactory, progress completion of MEVA III RFI and beginning of the transition process to MEVA III; and

d)   Curacao, Dominican Republic, Jamaica and COCESNA are interested in implementing the AIDC initially with the CPL – LAM messages, by which Conclusion 1 - Action Plan for AIDC Implementation; Using CPL - LAM Messages was formulated. Curacao has started the coordination with Venezuela to evaluate the CPL exchange messages.

RPO 10 IMPLEMENTATION OF WORLD GEODETIC SYSTEM– 1984 (WGS-84) AND e-TOD

Delays:

a)   it is required that Central American States elaborate action plans for the respective geodetic surveys to determine obstacles and e-TOD terrain in accordance to Annex 15 and Doc 9881.

b)   obstacles surveys and network upgrade of primary and secondary data of WGS-84 in accordance to Annex 15 and Doc 9674.

RPO 11 IMPLEMENTATION OF THE AIM TRANSITION

a)   Cuba informed about its progress regarding Aeronautical Information Management (AIM) implementation, AMHS development and training. Curacao has planned this transition to be completed by 2013 and Mexico is working in preparing the Electronic Aeronautical Information Publication (AIP) by 2013.

Delays:

a)   it is required that some States/territories elaborate its action plan for AIM implementation; and

b)   it is required that States elaborate an action plan for the AIXM implementation to support the electronic AIP (eAIP).

RPO 12 IMPROVE AVAILABILITY OF METEOROLOGICAL INFORMATION

a)   Progress in some States in the QMS/MET system implementation; and
b)   Transition to system WIFS has been completed.

MET QMS implementation is more detailed under WP/09.

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Ref.: NE 57-2 — **EMX0944**   24 October 2012

To: States, Territories and International Organizations

Subject: **New NAM/CAR Air Navigation Implementation Working Group (NAM/CAR ANIWG)**

Action
Required: **Take note of the establishment of the new NAM/CAR ANIWG**

Sir/Madam:

I refer to the following conclusion and the subsequent discussions sustained during the three sub-regional Directors of Civil Aviation (DCA) meetings held this year.

NACC/DCA
CONCLUSION 4/9   *CONSOLIDATION OF SUB-REGIONAL WORKING GROUPS IN THE CAR REGION*

> *That ICAO study options to seek improved efficiency and effectiveness in the existing sub-regional working group mechanism, which supports air navigation implementation and present the results and proposal to the sub-regional Directors of Civil Aviation meetings scheduled in 2012.*

I am grateful for the objectiveness, flexibility and cooperation demonstrated during these respective discussions which have facilitated reaching a regional consensus for improving the efficiency and effectiveness of the mechanism supporting air navigation implementation in the CAR Region based on the consolidation of the existing sub-regional working groups to reduce the number of meetings, avoid duplication, expedite the work progress, and improve regional harmonization. The following reports of the DCA meetings may be consulted at the links provided:

- 96th Meeting of Directors General of Civil Aviation of Central America and Panama (DGAC/CAP/96), held in Mexico City, Mexico, from 22 to 25 May 2012
  (http://www.mexico.icao.int/Meetings/DGACCAP/DGACCAP96/DGACCAP96 Informe.pdf)

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- 12th Meeting of Directors of Civil Aviation of the Central Caribbean (C/CAR/DCA/12), held in Punta Cana, Dominican Republic, from 10 to 13 July 2012 (http://www.mexico.icao.int/Meetings/CCARDCA/CCARDCA12/CCARDCA12 Report.pdf

- 24th Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/24) was held in Martinique, France, from 2 to 5 October 2012 (http://www.mexico.icao.int/Meetings/ECARDCA/ECARDCA24/ECARDCAS2 4Report.pdf)

The results are summarized as follows:

a)   The CAR States/Territories have agreed to the establishment of the new NAM/CAR Air Navigation Implementation Working Group (NAM/CAR ANIWG) to:

- consolidate the three existing sub-regional working groups and incorporate the NAM Region, a similar geographic representation to the existing NACC Working Group (NACC/WG);

- normally limit the scope of work to those air navigation areas that are most inter-related and integrated combining the ATM, CNS and AIM fields;

- separate AGA, MET, and SAR fields to work based on their respective projects, but include those areas in the triennial NACC/WG meetings;

- normally hold face-to-face meetings at most once a year, as required, and work remotely between meetings maximizing the use of correspondence and virtual meetings; and

- represent the sub-regions in the NAM/CAR ANIWG meetings with a delegation having decision-making authority on behalf of the sub-region;

b)   Sub-regional States/Territories may, if required, continue the sub-regional work independently reporting to the sub-regional DCAs as well as to the new NAM/CAR ANIWG, with continued remote support from ICAO as necessary; and

c)   in the event ICAO attendance at sub-regional meetings is requested, the States will provide funding to accommodate travel expenses.

Given that agreement has been reached by the entire CAR Region, ICAO will implement the new mechanism at the beginning of 2013, ensuring adequate transition from the previous sub-regional to the new regional working mechanism. The first NAM/CAR ANIWG virtual meeting is planned to be held in January/February 2013 to consider the results of the 12th Air Navigation Conference (ANConf/12) and the consequential revision required to the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (RPBANIP). The first face-to-face meeting is planned to be held during the 2nd Quarter of 2013 at the NACC Regional Office in Mexico City.

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If you require any further information, please contact Mr. Michiel Vreedenburgh, Deputy Regional Director (mvreedenburgh@icao.int) or Mr. Julio Siu, Regional Officer Communications, Navigation and Surveillance and Secretary for the NAM/CAR ANIWG and Coordinator of the RPBANIP (jsiu@icao.int).

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

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

Enclosure:
As indicated

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TELECONFERENCE
1st Central Caribbean Air Navigation Implementation Activities
(15 March 2013, 1700 UTC)

References: 1. ICAO State Letters EMX 0944 date 24 October 2012: New NAM/CAR Air Navigation Implementation Working Group (NAM/CAR ANIWG), EMX0126 dated 19 February 2013 (teleconference submission) and EMX 0132 dated 5 March 2013 (ANIWG and ASBU meetings invitation)
2. C/CAR Working Group work programme (action Plans) (http://www.mexico.icao.int/RegionalGroups/CCARWG/CCARWGActionPlan.pdf)
3. C/CAR/WG/09 and C/CAR/DCA/12 Meeting Report
4. ICAO 12th Air Navigation Conference Results

Purpose: Follow-up and prepare the activities report to be presented in the new ANIWG Meeting (29 July to 1 August).

Participants:

- Former C/CAR Working Group Chairman: Julio Mejia (Dominican Republic)
- Cuba: Carlos Jimenez
- Curacao: Jacques Lasten, Jean Baptiste Getrouw
- United States : Michael Polchert, Dulce Roses, Coleen Hawrysko
- ICAO: Julio Siu

Agenda items:

1. 12th Air Navigation conference overview and actions toward ASBU
2. C/CAR/WG recent activities and its transition to ANIWG
3. Development of C/CAR AN Activities Report for ANIWG/01 (listing of specific actions on AIM/ATM/CNS action plans)

Discussions:

12th Air Navigation conference overview and actions toward ASBU

1. ICAO presented an overview of the 12th Air Navigation conference results particularly on the ASBU concepts (blocks, modules, forms, relation between blocks, improvement areas, cost and benefits of the modules and the relation of the modules with ICAO ATM Operational Concept and Global Air Navigation Plan) and the regional air navigation plans (electronic Air Navigation Plans, integration of global and regional work programmes).

2. The recommendations of 12th Air Navigation Conference will be included in the work programme of the implementation working groups.

3. For more details on the Conference recommendations, the meeting was advised to review the yellow cover report (preliminary report) available at: http://www.icao.int/Meetings/anconf12/Yellow%20Cover%20Report/Forms/AllItems.aspx.

C/CAR/WG recent activities and its transition to ANIWG

4. ICAO gave a brief explanation on the establishment of the ANIWG was presented based on the communication given through the ICAO State Letter EMX 0944 date 24 October 2012: New NAM/CAR Air Navigation Implementation Working Group). This group was created in response to the NACC/DCA CONCLUSION 4/9 *Consolidation of Sub-Regional Working Groups in the CAR Region*, and was supported by the 96th Meeting of Directors General of Civil Aviation of Central America and Panama (DGAC/CAP/96), held in Mexico City, Mexico, from 22 to 25 May 2012, the 12th Meeting of Directors of Civil Aviation of the Central Caribbean (C/CAR/DCA/12), held in Punta Cana, Dominican Republic, from 10 to 13 July 2012 and the 24th Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/24) held in Martinique, France, from 2 to 5 October 2012.

5. The objective of the ANIWG is to consolidate the existing sub-regional working groups (Central Caribbean, Eastern Caribbean and Central America), reduce the number of meetings, avoid duplication, expedite the work progress, and improve regional harmonization focused on the ATM, CNS and AIM air navigation fields. The participation of the group will include all the CAR and NAM States/territories. Also the group will assist in the implementation of the NAM air navigation activities and NAM Plan in harmonization with the CAR air navigation activities.

6. The first ANIWG teleconference was conducted (EMX0126 dated 19 February 2013), a follow-up teleconference will be in May and the first ANIWG Meeting (ANIWG/01) will be carried out in the ICAO NACC Regional Office in Mexico City from 29 July to 1 August (EMX 0132 dated 5 March 2013). The week before the ANIWG/01 Meeting, a workshop on Aviation System Block Upgrades (ASBU) will be held.

Development of C/CAR AN Activities Report for ANIWG/01 (listing of specific actions on AIM/ATM/CNS action plans)

7. A briefing was conducted on the follow-up to the air navigation activities to be made by the C/CAR States and the last progress was commented as reported to the C/CAR/DCA Meeting and achieved in the last C/CAR/WG Meeting. The meeting was reminded that the action plan of the C/CAR/WG were available at the ICAO NACC Regional Office Website: http://www.mexico.icao.int/RegionalGroups/CCARWG/CCARWGActionPlan.pdf. Even though only ATM and CNS action plans had been formulated, AIM followup can be made through the NAM/CAR Air Navigation Performance-based   Implementation   Plan-   RPBANIP (http://www.mexico.icao.int/RegionalGroups/NAMCARRPBANIPV02May2011en.pdf).

    ACT 01/01: Cuba, Curacao and United States will review the action plan for air navigation implementation specifically on the areas for ATM, AIM and CNS to report its progress, modifications and any update to C/CAR/WG Chairman (Julio Mejia) and ICAO by 12 April.

    ACT 01/02: ICAO in behalf of the C/CAR/WG chairman, will invite by 18 March, all the C/CAR States and Territories to submit their progress, benefits and other concerns related to the implementation of Air Navigation based on the action plans and RPBANIP for 12 April.

    ACT 01/03: The C/CAR/WG chairman and ICAO will review the different inputs received by 12 April and will consolidate them for its review at the next C/CAR AN Implementation Activities Teleconference.

8. Some specific follow-up activites include:
    - PBN
    - Radar Data Exchange
    - COM improvements
    - AIM
    - AIDC/CPL
    - NFPL implementation
    - MEVA improvements
    - Actividades de implementacion interregional : con FIR adyacentes

Next meeting: 22 May at 16 UTC.

1st NAM/CAR Air Navigation Implementation Working Group Teleconference
(28 January 2013, 1500 UTC)

References: 1. ICAO State Letter EMX 0944 dated 24 October 2012: New NAM/CAR Air Navigation Implementation Working Group (NAM/CAR ANIWG)
2. Current Sub regional Working Group structure and work programme (action Plans)
3. ICAO 12th Air Navigation Conference Results

Participants:

- Previous E/CAR Working Group Chairman: Cedric Murrell (Barbados)
- C/CAR State/Territory representatives: Emmanuel Rigby, Jacques Lasten, Wendy Major, Keith Major
- NAM representatives: Jeff Dawson, Michel Polchert, Karen Chiodini, Olivier Delperdange
- AIM/AT/CNS E/CAR CATG Committee Rapporteurs and E/CAR representatives: Shirley Ford, Veronica Ramdath, Rohan Garib, Ian Gomez, Riaaz Mohammed, Alexis Brathwaite
- ICAO: Victor Hernandez, Julio Siu, Raul Martinez

Agenda:
1. Transition from subregional working groups to new NAM/CAR ANIWG
   a) Briefing on the change
   b) ANIWG: ToR, work plans and work coordination
2. 12th ANConf results
3. Review of NAM/CAR RPBANIP/work programmes/action plans
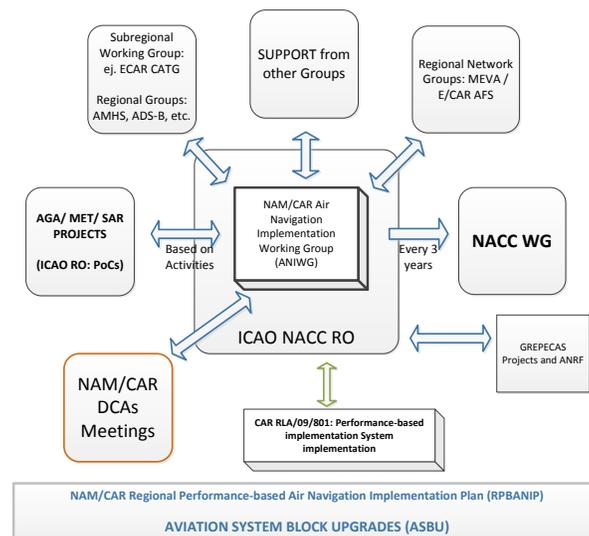4. Agenda for ANIWG/01 Meeting

Discussions:

Transition from subregional working groups to new NAM/CAR ANIWG/Briefing on the change

1. ICAO gave a brief explanation on the establishment of the ANIWG based on the ICAO State Letter EMX 0944 dated 24 October 2012 on the New NAM/CAR Air Navigation Implementation Working Group). This group was created in response to the NACC/DCA Conclusion 4/9 - *Consolidation of Sub-Regional Working Groups in the CAR Region*, and was supported by the 96th Meeting of Directors General of Civil Aviation of Central America and Panama (DGAC/CAP/96), held in Mexico City, Mexico, from 22 to 25 May 2012, the 12th Meeting of Directors of Civil Aviation of the Central Caribbean (C/CAR/DCA/12), held in Punta Cana, Dominican Republic, from 10 to 13 July 2012 and the 24th Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/24), held in Martinique, France, from 2 to 5 October 2012.

2. The objective of the ANIWG is to consolidate the existing sub-regional working groups (Central Caribbean, Eastern Caribbean and Central America), reduce the number of meetings, avoid duplication, expedite the work progress, and improve regional harmonization focused on the ATM, CNS and AIM air navigation fields. The participation of the group will include all the CAR and NAM States/Territories. Also the group will assist in the implementation of the NAM air navigation activities and NAM Plan in line with the CAR air navigation activities.

3. It was informed that the first ANIWG Meeting (ANIWG/01) will be carried out in the ICAO NACC Regional Office in Mexico City from 29 July to 1 August. Tentatively a 1 – week workshop for Aviation System Block Upgrades (ASBU) may be scheduled for 22 to 26 July.
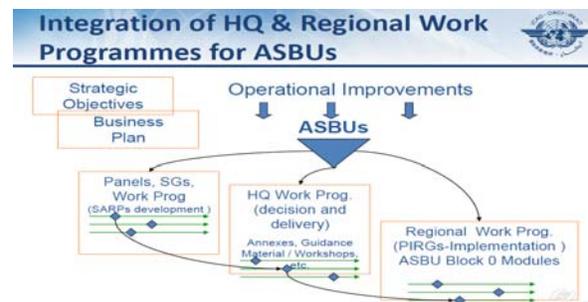
Transition from subregional working groups to new NAM/CAR ANIWG/ ANIWG: ToR, work plans and work coordination

4.   ICAO presented draft terms of Reference (ToR) for the ANIWG for initial comments and observations. **ACT 01/01**: ANIWG participants are to send comments to ICAO regarding the initial ANIWG draft ToR by 16 April 2013.

5.   ICAO described the expected work plans for the ANIWG, emphasizing that the current work plans for the subregional working groups will be maintained and updated to become the ANIWG action plan. It was recalled that all the air navigation tasks and activities will be adjusted to reflect the ASBU methodology.

6.   It was explained that the ANIWG shall be meeting annually except for every third year where the NACC Working Group will be meeting. It was recalled that the NACC Working Group includes all air navigation fields (AGA, AIM, ATM, CNS; MET and SAR). A chairperson and a vice chairperson shall be elected for a three years period. **ACT 01/02:** ANIWG participants may proposed a chairperson and vice – chairperson to ICAO by next teleconference.

7.   ICAO explained the work coordination that the ANIWG will have with the existing regional Air navigation implementation groups, projects and meetings as follows; the ICAO NACC Regional Office will function as Secretariat and coordinator with the other groups and projects ensuring the alignment of the activities with the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (ASBU) and ICAO objectives:

12th ANConf results

8.   ICAO presented an overview of the 12th Air Navigation conference results, particularly on the ASBU concepts (blocks, modules, forms, relation between blocks, improvement areas, cost and benefits of the modules and the relation of the modules with ICAO ATM Operational Concept and Global Air Navigation Plan), the future air navigation report (based on electronic tools, on-line application, dynamic and ASBU congruent) and the regional air navigation plans (electronic Air Navigation Plans, integration of global and regional work programmes).

9.   For more details on the Conference recommendations, the participants were advised to review the yellow cover report (preliminary report) available at: http://www.icao.int/Meetings/anconf12/Yellow%20Cover%20Report/Forms/AllItems.aspx.

Review of NAM/CAR RPBANIP/work programmes/action plans

10. ICAO made a quick review on the current RPBANIP action plans and webpages of the subregional working groups, emphasizing that the implementation of these activities shall continue and each of the working groups are expected to present the progress and benefits of the implementation to the ANIWG/01 Meeting. **ACT 01/03:** Until the ANIWG/01 Meeting all participants shall continue their work on their existing action plans and present through their chairpersons a report of progress and benefits to the ANIWG/01 Meeting.

11. **ACT 01/04:** The participants will review and update their corresponding action plans and present the ANIWG/01 Meeting their updates through their respective WG chairpersons.

Agenda for ANIWG/01 Meeting

12. ICAO presented a draft agenda of items to be discussed during the ANIWG/01 Meeting. **ACT 01/05**: ANIWG participants are to send comments to ICAO regarding the draft agenda for the ANIWG/01 Meeting by 16 April 2013.

13. Concerning the ANIWG/01 Meeting, ICAO emphasized the need for the imputs of States and participants on a harmonized implementation of air navigation services and systems, based on operational benefits and mainly focused on improving safety and efficiency of operations. The current NAM air navigation activities were pointed out as relevant for this harmonization with the CAR activities. **ACT 01/06:** Canada to report on the NAM Air navigation activities to the ANIWG/01 Meeting.

14. ICAO welcomed Canada for its participation and the designation of Mr. Jeff Dawson as the focal point for the ANIWG.

Next meeting: 8 May at 15 UTC.

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- END/FIN -