International Civil Aviation Organization
North American, Central American and Caribbean Office

INFORMATION PAPER

Fourteenth Directors of Civil Aviation of the Central Caribbean Meeting (C/CAR/DCA/14)
Kingston, Jamaica, 11 to 13 May 2015

Agenda Item 4:   Air Navigation Matters
4.2   Review of the Implementation of Air Navigation under the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (RPBANIP) and the Aviation System Block Upgrades (ASBU) Methodology
4.2.1   Results of the North American, Central American and Caribbean Working Group (NACC/WG)

RESULTS AND PROGRESS OF THE FOURTH NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN WORKING GROUP (NACC/WG/)

(Presented by the Secretariat)

EXECUTIVE SUMMARY
This working paper presents the results of the Fourth North American, Central American and Caribbean Working Group Meeting (NACC/WG/4) highlighting the agreed actions on air navigation matters in line with the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP), work of the sub-regional implementation working groups - NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG).

Strategic Objectives:	• Safety • Air Navigation Capacity and Efficiency • Environmental Protection
References:	• NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (NAM/CAR RPBANIP) Version 3.1 • Fourth North American, Central American and Caribbean Working Group Meeting (NACC/WG/4), Ottawa, Canada, 24 to 28 March 2014 • Fifth North American, Central American and Caribbean Directors of Civil Aviation Meeting (NACC/DCA/5), Port-of-Spain, Trinidad and Tobago, 28 to 30 April 2014

1.   Introduction

1.1   The NACC/WG/4 meeting counted with 43 delegates from 12 States/Territories of the CAR and NAM Regions and 3 international organizations; 36 working papers, 14 information papers, 3 presentations and 7 discussion papers were presented.

1.2   As a part of the NACC/WG/4 meeting, the ANI/WG and sub-regional working groups such as the Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG) also met informing on RPBANIP implementation progress, updating valid outstanding conclusions/decisions, and reviewing the corresponding technical proposals.

1.3   The NACC/WG/4 meeting report contains the agreements and results of air navigation matter discussions, follow-up on regional working group implementation activitiesl, as well as on valid conclusions/decisions and review of working group terms of reference and action plans.

2.   Discussion

2.1   The NACC/WG/04 meeting followed-up on and analyzed implementation progress of the RPBANIP and implementation achievements obtained by States and the ANI/WG Task Forces, highlighting the following agreements and progress:

- Review of the RPBANIP with metrics and targets in accordance with the ICAO Aviation System Block Upgrade (ASBU) methodology for approval by the North American, Central American and Caribbean Directors of Civil Aviation Meeting (NACC/DCA/5), considering the *Port-of-Spain Declaration* developed by the First Safety and Air Navigation Directors of the CAR Region Meeting (CAR/DCA/OPSAN/1) Meeting
- Foster alignment of national implementation plans with the RPBANIP; several States presented progress with their national plans
- Support for the World Radiocommunication Conference (WRC-2015) ICAO position, including C-band protection and the reception of satellite-based Automatic Dependent Surveillance Broadcast (ADS-B)
- Carry out follow-up on harmonized implementation of air navigation matters for the NAM/CAR Regions, review progress of the regional implementation groups (ANI/WG, E/CAR/CATG, MEVA Technical Management Group (MEVA TMG), Eastern Caribbean Network Technical Group (E/CAR/NTG), MET and AGA projects) and approve the corresponding action plans. The conclusions of the Sixteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/16) and the NACC/DCA/4 were also reviewed.
- Review and update the regional implementation plans (Performance Based-Navigation (PBN); air traffic services Inter-facility Data Communication (AIDC); Aeronautical Message Handling System (AMHS); Controller-Pilot Data Link Communication (CPDLC); Aeronautical Information Management (AIM) Quality Management System (QMS); aerodrome certification, etc.)
- Agreements for air navigation metrics data collection for the Regional Dashboards and Global Air Navigation Plan, including actions for reporting fuel savings and CO_2 gas emission reduction

- Update and follow-up on the status of filed Flight Plan (FPL) converters in the CAR Region and Aeronautical Mobile Service (AMS) communication improvement activities
- CPDLC functionalities implementation support by the ANI/WG Global Operational Data Link Document (GOLD) Task Force
- Agreed actions to reduce Air Traffic Services (ATS) incidents and Large Height Deviation (LHD) occurrences and Air Traffic Flow Management (ATFM) requirements in Aeronautical Information Publications (AIPs) and Doc 7030 - *Regional Supplementary Procedures* publications
- Adoption of specific directives to streamline air navigation implementation in the NAM/CAR Regions:
  - o Aeronautical Information Exchange Model (AIXM) 5.1
  - o Dec. 2018 target date for ADS-B Out implementation
  - o NAM Interface Control Document (ICD) as the preferred Document in the NAM/CAR Regions
  - o New revision of the CAR IPv4 addressing scheme
  - o Use of the GOLD Document, version 2, for data link applications
- Continuity of mitigation and solution activities implementation for missing and duplicate Flight Plans including the creation of a Flight Plan Monitoring Group under the AIDC Task Force
- Follow-up on the results of the First NAM/CAR Civil Aviation Training Centres Meeting (NAM/CAR/CATC/1) and establishment of the NAM/CAR Civil Aviation Training Centres Working Group (NAM/CAR/CATC/WG)

2.2   The NACC/WG/4 Meeting Report is available at: http://www.icao.int/NACC/Documents/Meetings/2014/NACCWG4/NACCWG4DraftReport.pdf

2.3   The Civil Aviation Directors of the NAM/CAR Regions reviewed in the NACC/DCA/5 Meeting the NACC/WG/4 meeting outcomes, highlighting the agreed actions and the NACC/WG and ANI/WG achievements, and their coordination through the ICAO NACC Regional Office with the GREPECAS and the Regional Aviation Safety Group – Pan America (RASG-PA).

2.4   The NACC/DCA/5 meeting congratulated the NACC/WG and its implementation working groups (ANI/WG and E/CAR/CATG) for these achievements and benefits obtained, urging States/Territories and International Organizations of the NAM/CAR Regions to designate the most adequate experts for their active participation in each ANI/WG Task Force, using the tools and facilities established in the Terms of Reference (ToRs),

2.5   The NACC/WG/4 meeting conclusions were endorsed by the NACC/DCA/5 meeting, through its Conclusion 5/2 *Approval of the Fourth NACC/WG Meeting Conclusions and Terms of Reference*. The Conslusions follow-up is made by the ANI/WG.

2.6   Under State Letter Ref: EMX0860 dated 30 September 2014, States were urged to take the corresponding actions on the NACC/WG/4 meeting valid conclusions. In the same letter, ICAO recognized ANI/WG assistance and support and its designated experts for the air navigation implementation support and the aforementioned conclusions.

3. **Conclusion**

3.1   The NACC/WG/4 Meeting allowed the follow-up on implementation activities in all the air navigation areas for the NAM/CAR Regions, with the approval of future implementation works, RPBANIP endorsement and efforts consolidation to make the implementation actions more efficient, harmonized and optimum in the NAM/CAR Regions.

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