



International Civil Aviation Organization

North American, Central American and Caribbean Office (NACC)

Twenty-fifth Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/25)

St. John's, Antigua and Barbuda, 3–5 December 2013

E/CAR/DCA/25 — WP/08

26/11/13

Agenda Item 5:

Air Navigation Matters

5.3 Review results from the E/CAR/CATG/1 and ANI/WG/1 Meetings and valid conclusions of these meetings

**FIRST NAM/CAR AIR NAVIGATION IMPLEMENTATION WORKING GROUP MEETING;
(ANI/WG/1); AIR NAVIGATION IMPLEMENTATION PROGRESS AND RESULTS**

(Presented by ANI/WG Chairman)

SUMMARY	
<p>This working paper presents an overview of the results and organization of the NAM/CAR Air Navigation Implementation Working Group in its first Meeting and the implementation progress achieved to date.</p> <p>The suggested action for the Meeting is indicated in paragraph 3.</p>	
References:	
<ul style="list-style-type: none">• First Meeting of the North American, Central American and Caribbean Air Navigation Implementation Working Group (ANI/WG/1) Mexico City, Mexico, 29 July to 1 August 2013• Fourth Meeting of North American, Central American and Caribbean Directors of Civil Aviation (NACC/DCA/4), San Pedro Sula, Honduras, from 20 to 24 June 2011	
Strategic Objectives	<p><i>This working paper is related to Strategic Objectives:</i></p> <p><i>A. Safety – Enhance Global Civil Aviation Safety</i></p> <p><i>C. Environmental Protection and Sustainable Development of Air Transport</i></p>

1. Introduction

1.1 The ANI/WG was established in response to NACC/DCA/4 Conclusion 4/9 - *Consolidation of Sub-Regional Working Groups in the CAR Region* and endorsed by all NAM/CAR Directors in 2012 through their respective sub-regional DCA Meetings, and specifically, the Twenty-fourth Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/24).

1.2 The objective of the ANI/WG is to consolidate the existing sub-regional working groups, reduce the number of meetings, avoid duplication, expedite work progress, and improve regional harmonization focused on the Air Traffic Management (ATM), Communications, Navigation and Surveillance (CNS) and Aeronautical Information Management (AIM) air navigation fields.

1.3 The E/CAR area was well represented during the ANI/WG/1 Meeting with participation of the Eastern Caribbean Civil Aviation Technical Group Meeting (ECAR/CATG) delegation composed by Antigua and Barbuda, Barbados, Trinidad and Tobago and the E/CAR/CATG Chairman.

2. Discussion

2.1 An overview of the results and organization of the ANI/WG/1 is shown in **Appendix A** to this paper.

2.2 The Terms of Reference (ToRs), methodology, and work programme of the Group are detailed in the final report of the ANI/WG Meeting, which was delivered to States through State Letter EMX0668, dated 23 September 2013.

2.3 Since the ANI/WG/1 Meeting, all Task Forces have conducted at least their first teleconference, resulting in the definition of their work programme. **Appendix B** shows follow-up to the ANI/WG/1 Conclusions.

3. Suggested Actions

3.1 The Meeting is invited to:

- a) take note of the results and organization of the ANI/WG;
- b) support the participation of the E/CAR States in the different ANI/WG Task Forces and respective coordination with the E/CAR/CATG; and
- c) identify further improvements in the ANI/WG consolidation activities as deemed necessary.

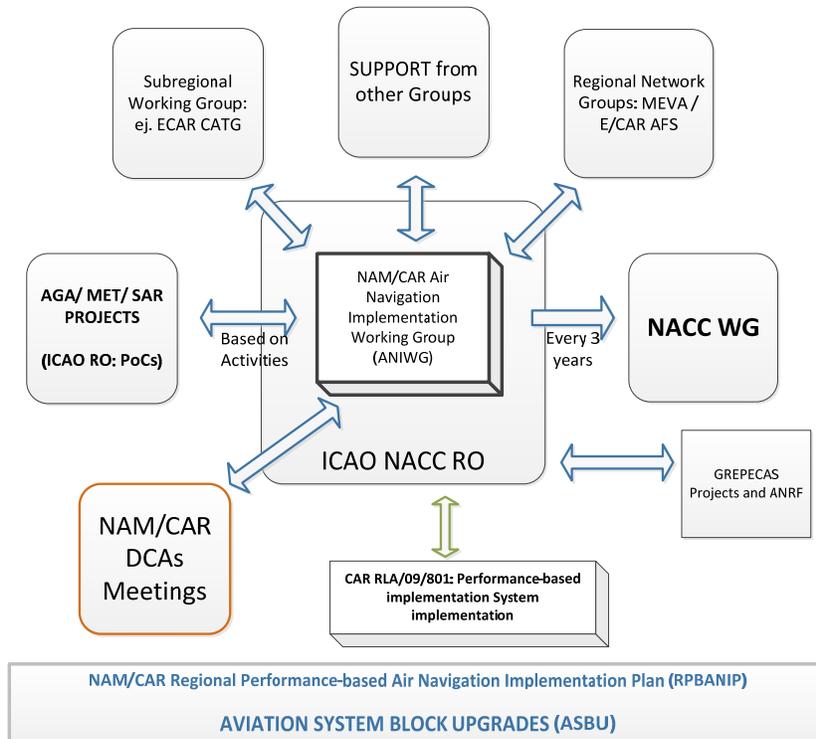
**APPENDIX A
ANI/WG/1 MEETING RESULTS**

1 Mr. Julio Mejia from Dominican Republic and Mr. Rohan Garib from Trinidad and Tobago were elected as Chairman and Vice Chairman of the ANI/WG, respectively.

2 The ANI/WG followed-up on the valid decisions and draft conclusions from the First Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/1) held in June 2013. The Meeting considered all of the E/CAR/CATG conclusions as valid and for reference to be considered by the ANI/WG. In this same regard, the ANI/WG took note as a reference, of the conclusions/decisions from the 97th Central American and Panama DGACs Meeting (DGAC/CAP/97); Twenty-fourth Meeting of Directors of Civil Aviation of the Eastern Caribbean (E/CAR/DCA/24); Thirteenth Meeting of Directors of Civil Aviation of the Central Caribbean (C/CAR/DCA/13); Second Meeting of the Programmes and Projects Review Committee (PPRC/2); Third North American, Central American and Caribbean Working Group Meeting (NACC/WG/3); and Fourth Meeting of North American, Central American and Caribbean Directors of Civil Aviation (NACC/DCA/4); and the DGAC/CAP/95, C/CAR/DCA/11 and GREPECAS/16 Meetings.

3 The ANI/WG agreed that the actions derived from the conclusions and decisions from the meetings above will be included in the ANI/WG work programme in order to follow-up on the former CAR working group(s) activities, GREPECAS and the Directors of Civil Aviation conclusions.

4 The coordination scheme of the ANI/WG and the other regional bodies was agreed as follows:



5. The ANI/WG made a followed of the progress in the implementation of several regional priorities like PBN, FUA, ATFM, Data Link application/GOLD, ADS-B, AMHS, communication improvements, automation achievements, etc. In this regard, the ANI/WG defined its Terms of Reference (ToRs) and work programme supported by the establishment of several Task Forces aimed to specific operational improvements:

- a) Implementation of the Performance-Based Navigation (PBN) Airspace Concept Task Force
- b) Implementation of Air Traffic Flow Management (ATFM) Task Force
- c) Implementation of ATS Message Handling Systems (AMHS) Task Force
- d) Implementation of Automatic Dependent Surveillance – Broadcast (ADS-B) Task Force
- e) Implementation of Air Traffic Services Inter-Facility Data Communication (AIDC) Task Force
- f) Implementation of Aeronautical Information Management (AIM) Task Force
- g) Operational Analysis of the GOLD Document -Version 2 Task Force

6. Since the ANI/WG represents the consolidation of the sub-regional working groups, it reviewed the list of valid Conclusions/Decisions of the Seventh Central American Air Navigation Experts Working Group (CA/ANE/WG/7) and the Ninth Central Caribbean Working Group Meeting (C/CAR/WG/9) held in 2012. As a result of the review, all Conclusions/Decisions of the CA/ANE/WG and C/CAR/WG were superseded or completed. Likewise, the review and consolidation of implementation activities of each sub-regional working group was carried out based on the presentations by the chairmen of the former regional implementation groups (E/CAR/WG, CA/ANE/WG and C/CAR/WG) reporting the progress achieved since their last meetings.

7. Full integration of NAM and CAR Regions with ANI/WG participation by Canada and United States was achieved, as well as the active involvement of IATA and other international organizations.

8. The ANI/WG reviewed and supported the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (NAM/CAR RPBANIP) Version 3.0 after reviewing the RPBANIP alignment with the ICAO Aviation System Block Upgrade (ASBU) modules, and Nav Canada and United States Air Navigation (AN) National Plans. The ANI/WG recalled that by adopting the ASBUs, all air navigation regional plans and implementation activities will be updated during 2013, and further analysis on the Twelfth Air Navigation Conference (AN-Conf/12) Recommendations is being conducted to identify additional ANI/WG actions.

9. The ANI/WG agreed on the need for States to provide active support to the ICAO position when developing their proposals and delegation briefs in preparation to the WRC-15 to ensure that decisions taken by the Conference are in favor of the aeronautical requirements (Assembly Resolution A36-25 refers).

10. Also the ANI/WG recognized the value of Project RLA/09/801 — *Implementation of the Performance Based Air Navigation Systems in the CAR Region* as a tool to streamline air navigation matters in the CAR Region and considered that States and Territories, together with the users and the Civil Aviation Training Centres, should work together to enforce and improve training in the Region.

11. The ANI/WG reviewed the proposed agenda of the Fourth North American, Central American and Caribbean Working Group Meeting (NACC/WG/4) to be held in March 2014, and provided comments and observations.

12. The Second Meeting of ANI/WG shall be held in 2015, hosted by Costa Rica. The Meeting tentatively agreed to hold the ANI/WG/2 Meeting during the first week of June 2015.

APPENDIX B
FOLLOW-UP TO ANI/WG/1 CONCLUSIONS

No.	CONCLUSIONS	FOLLOW-UP	STATUS
1/1	Terms of Reference and Work Programme of the ANI/WG	ANI/WG/1 Report, submitted through ICAO State Letter EMX0668, was approved.	Completed
1/2	ANI/WG Membership	State Letter submitted and almost all States have informed of their designated staff.	Completed
1/5	Follow-up on AN-Conf/12 Recommendations	Ad-hoc Group still to review and propose actions to the ANI/WG.	Valid
1/7	Assistance for IFSET Training	Online training sessions were conducted in 28 and 29 November.	Completed
1/8	Operational Review of Global Operational Data Link Document (Gold) Edition 2	Task assumed by GOLD Task Force.	Valid
1/9	CAR Region Operational Use of CPDLC and ADS-C	From the E/CAR, Trinidad and Tobago is still reviewing this matter.	Valid
1/10	Active State Support for the ICAO Position for WRC-2015	E/CAR States and Territories to support ICAO.	Valid
1/11	Workshop on ATM, AIM and MET Coordination	Coordination for this workshop is on-going.	Valid
1/12	ICAO Regional Technical Cooperation Project for the Caribbean Region - <i>Implementation of the Performance Based Air Navigation Systems in the CAR Region (RLA/09/801)</i>	Actions noted by States and Members of the project. The Regional Workshop on Airspace Concept Redesign and Operational Approval of Performance-Based-Navigation (PBN) was conducted from 25 to 29 November 2013.	Completed
1/14	NAM/CAR Regions Adoption of a Performance Monitoring and Measuring Programme	Noted by States.	Completed
1/15	Review of Civil Aviation Training Matters in the CAR Region	E/CAR States/Territories and ECCAA, to take note of the training needs and the Regional CAR Training Plan.	Valid
1/16	ANI/WG Meeting Venue Rotational Scheme	ANI/WG/1 Report, submitted through ICAO State Letter EMX0668, was approved.	Completed