



ICAO

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

INFORMATION PAPER

ANI/WG/2 — IP/02
22/05/15

Second NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/2)
Puntarenas, Costa Rica, 1 to 4 June 2015

Agenda Item 2 Review and Follow-up to Relevant and Valid Conclusions/Decisions of ANI/WG/1 and Conclusions from the E/CAR/CATG, NACC/WG/4, NACC/DCA/5, GREPECAS/17 and other DCA WG Meetings

REVIEW TO VALID NACC/WG/4 AND E/CAR/CATG/1 MEETINGS CONCLUSIONS RELATED TO THE ANI/WG

(Presented by the Secretariat)

EXECUTIVE SUMMARY

This paper presents a reviewed list of the valid Fourth North American, Central American and Caribbean Working Group Meeting (NACC/WG/4) conclusions related to the ANI/WG (**Appendix A**). Similarly, a reviewed list for the First Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/1) conclusions is presented (**Appendix B**), considering the last review made by the NACC/WG/4 Meeting. The NACC/WG/04 conclusions were approved by the NACC/DCA/5/2 - *Approval of the Fourth NACC/WG Meeting Conclusions And Terms Of Reference*.

The status and follow-up comments for each conclusion are suggested for the ANI/WG in order to consolidate the sub-regional efforts made by the E/CAR/CATG and for the ANI/WG to follow-up. The status for each conclusion is designated as valid, completed or superseded.

<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency• Environmental Protection
<i>References:</i>	<ul style="list-style-type: none">• 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• Fourth North American, Central American and Caribbean Working Group Meeting (NACC/WG/4), Ottawa, Canada, 24 to 28 March 2014• First Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/1), Martinique, French Antilles, France, 19 to 21 June 2013

VALID NACC/WG/4 CONCLUSIONS RELATED TO THE ANI/WG

No.	CONCLUSIONS	FOLLOW-UP	STATUS
<p>CONCLUSION NACC/WG 4/1 APPROVAL OF THE NAM/CAR REGIONAL PERFORMANCE-BASED AIR NAVIGATION IMPLEMENTATION PLAN (RPBANIP) VERSION 3.0</p>	<p>That, considering that the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (NAM/CAR RPBANIP), is the basis for air navigation implementation in the NAM/CAR Regions, where regional targets and milestones have been agreed and regional air navigation priorities are reflected, the Civil Aviation Directors approved the RPBANIP version 3.0</p>	<p>Directors of Civil Aviation accepted version 3.1 after final reviewed by the NACC/WG members</p>	<p>Superseded by Conclusion NACC/DCA 5/3</p>
<p>CONCLUSION NACC/WG 4/2 UPDATE OF NATIONAL AIR NAVIGATION IMPLEMENTATION PLANS IN ACCORDANCE TO THE RPBANIP VERSION 3.0</p>	<p>That, for the effective and timely development and implementation of air navigation in the NAM/CAR Regions ensuring harmonization and coordination of efforts aimed at improving international civil aviation safety, capacity and efficiency, the States/Territories and International Organizations of the NAM/CAR Regions:</p> <p>a) review and update their national Air Navigation Implementation Plans in accordance to their national needs and RPBANIP regional framework; and b) inform and submit ICAO these national plans by 31 December 2014.</p>	<p>Version to follow is RPBANIP 3.1 as approved by the Conclusion NACC/DCA/5/4</p> <p>To be followed-up in ANI/WG/2 Meeting for national AN Plans</p>	<p>Superseded by Conclusion NACC/DCA 5/3</p>
<p>CONCLUSION NACC/WG 4/3 FUEL SAVINGS AND CO₂ GAS EMISSION RESULTS IN THE NAM AND CAR REGIONS</p>	<p>That, considering the importance of obtaining effective information on the consumption of fuel, IATA:</p> <p>a) coordinate with Canada, Dominican Republic, Mexico and United States regarding effective fuel savings information resulting from the implementation of RNAV routes as well as PBN approach procedures at peak hours in 10% of airports in States with the largest number of operations, as applicable, in accordance with the format included in Appendix A to this report; and b) provide the ICAO NACC Regional Office with information on fuel savings and reduction of CO₂ emission obtained from implementation of PBN routes and approach procedures in the NAM and CAR Regions not later than 31 December 2014.</p>	<p>To be followed-up in ANI/WG/2 Meeting. IATA to report progress and metric progress</p>	<p>Valid</p>

<p>CONCLUSION NACC/WG 4/4 ATS INCIDENTS SAFETY ASSESSMENT</p>	<p>That, considering the need to improve safety in the ATS airspace, States and Territories which have not already done so, are urged to implement by 31 May 2015:</p> <p>a) training programmes on flight plan coordination messages in ATC units; and b) ATS incidents and LHD occurrences safety assessment processes in accordance with the ICAO safety management system and timely reporting of the assessment tendencies to their corresponding civil aviation authorities.</p>	<p>To be followed-up in ANI/WG/2 Meeting.</p>	<p>Valid</p>
<p>CONCLUSION NACC/WG 4/5 ACTIVE SUPPORT FROM STATES FOR ICAO ITU WRC-2015 POSITION</p>	<p>That NAM/CAR States/Territories, in order to ensure their active support for the ICAO WRC-15 position for the protection of the aeronautical frequency spectrum and satisfy future frequency spectrum aviation needs:</p> <p>a) include the main points addressed by the ICAO International Telecommunication Union (ITU) WRC-15 position for the protection of the C-band when used for aeronautical purposes and the ICAO WRC-15 position as a whole, including any amendments, when preparing national ITU WRC-15 proposals in coordination with the National Spectrum Management Authority; b) include representatives from civil aviation administrations and aviation experts from national delegations, to the extent possible, when participating in the ITU Radio and regional preparatory activities for WRC-15; and c) if not already done so, nominate their focal point for WRC-2015 to ICAO by December 2014.</p>	<p>To be followed-up in ANI/WG/2 Meeting. WP is being presented by Secretariat</p>	<p>Valid</p>
<p>CONCLUSION NACC/WG 4/6 REPORTING ON THE PROGRESS ACHIEVED IN THE IMPLEMENTATION OF THE AERONAUTICAL INFORMATION EXCHANGE MODEL (AIXM)</p>	<p>That NAM/CAR States and international organizations:</p> <p>a) adopt the AIXM 5.1 information exchange model; and b) report on the progress achieved with application of the conceptual model and aeronautical information exchange to the ICAO NACC Regional Office by 31 December 2014.</p>	<p>AIM TF to report progress</p>	<p>Valid</p>

CONCLUSION NACC/WG 4/7 AIM ACTION PLANS FOR THE AIS TO AIM TRANSITION	<p>That CAR States that have not yet done so:</p> <p>a) develop/update and execute the Action Plans for the transition from AIS to AIM taking into consideration the latest AIM developments, and the AIM TF work until AIM is completed according the AIM RPO of the RPBANIP; and</p> <p>b) inform the ICAO NACC Regional Office of all the AIM progress to be presented at the upcoming GREPECAS/17 Meeting.</p>	AIM TF to report progress	Valid
CONCLUSION NACC/WG 4/8 AMENDMENT TO REGIONAL SUPPLEMENTARY PROCEDURES (DOC 7030) ON THE AIR TRAFFIC FLOW MANAGEMENT (ATFM) IMPLEMENTATION IN THE NAM/CAR REGIONS	<p>That:</p> <p>a) ICAO, with CAR and NAM States support, takes the necessary actions to publish the required information on Air Traffic Flow Management (ATFM) in the Regional Supplementary Procedures (Doc 7030) for NAM and CAR by 31 December 2014; and</p> <p>b) States timely publish corresponding information on Air Traffic Flow Management (ATFM) applicable in their ATS airspace jurisdiction in the corresponding AIP.</p>	ATFM TF to report its follow-up	Valid
CONCLUSION NACC/WG 4/9 ADOPTION OF NAM INTERFACE CONTROL DOCUMENT (ICD)	<p>That the NAM ICD is adopted as the preferred ICD in the CAR Region, not precluding the use of other ICDs under circumstances favourable to the latter.</p>	AIDC TF to report on this matter	Valid
CONCLUSION NACC/WG 4/10 ADS-B OUT IMPLEMENTATION IN THE NAM/CAR REGIONS	<p>That all States/Territories in the NAM/CAR Regions adopt/include the ADS-B implementation date of 31 December 2018 in their implementation plans to finalize operational implementation of ADS-B OUT.</p>	ADS-B TF to report on this matter	Valid
CONCLUSION NACC/WG 4/11 ADOPTION OF THE GOLD DOCUMENT, VERSION 2, FOR DATALINK APPLICATIONS IN THE NAM/CAR REGIONS	<p>That, in order to promote and facilitate implementation of data link applications in the NAM and CAR Regions, the respective States and Territories adopt the GOLD Document, Version 2, as the guidance material and reference document for implementation of data link applications.</p>	GOLD TF to report on this matter	Valid

CONCLUSION NACC/WG 4/12 APPROVAL OF IPV4 ADDRESSING SCHEME, VER 1.0	<p>That, in order to expedite and facilitate the implementation of the IPv4 ATN in the CAR Region, States/Territories of the CAR Region:</p> <p>a) approve the revised version of the CAR IPv4 addressing scheme, version 1.0;</p> <p>b) implement their Aeronautical Telecommunication Networks (ATNs) in accordance with the IPv4 addressing scheme ver. 1.0, where applicable; and</p> <p>c) report use/planned use to the ICAO NACC Regional Office no later than December 2015.</p>	<p>New version was updated as V 1.1</p> <p>AMHS TF to report</p>	<p>Valid</p>
CONCLUSION NACC/WG 4/13 APPROVAL OF ANI/WG ACTION PLANS AND TASK FORCE(S) ToRs AND WORK PROGRAMMES	<p>That, in order to align implementation activities with regional NAM/CAR RPBANIP air navigation and optimize implementation working groups coordination and results of the Task Forces, the NAM/CAR States/Territories:</p> <p>a) approve the ANI/WG Action Plans and revised ToRs and work programme of its Task Forces; and</p> <p>b) urge all sub-regional working groups to align their work programme by December 2014 with the ANI/WG Action Plans and Task Force work programmes.</p>	<p>The ANI/WG Action Plans were approved by the Conclusion NACC/DC 5/2.</p> <p>ANI/WG Chairman to report progress of Action Plans</p>	<p>Completed</p>
CONCLUSION NACC/WG 4/15 AIR NAVIGATION REPORTING/ MONITORING IN THE NAM/CAR REGIONS	<p>That no later than December 2014, for the harmonized and efficient collection of data for reporting and monitoring air navigation implementation progress and achieved performance/benefits, NAM/CAR States/Territories:</p> <p>a) invite all air navigation stakeholders to participate in the data collection and reporting process;</p> <p>b) use the RPBANIP Air Navigation Report Forms (ANRFs) to the extent possible to report their national, sub-regional and regional implementation and performance progress; and</p> <p>c) periodically report to the ICAO NACC Regional Office on the air navigation implementation status.</p>	<p>To be discussed on ANI/WG/02 Monitoring and report agenda Item</p>	<p>Valid</p>

APPENDIX / APÉNDICE B
FOLLOW-UP TO VALID CONCLUSIONS FROM E/CAR/CATG/1 MEETING
(available only in English)

Conclusion	Text	Follow-up	Status
CONCLUSION 1/4 ASSISTANCE FOR TRAINING ON ICAO FUEL SAVINGS ESTIMATION TOOL (IFSET)	That to promote and ensure the use of IFSET: a) E/CAR States/Territories inform ICAO of their need for online IFSET training by 30 July 2013; and b) ICAO provide IFSET online training by 30 September 2013.	This action is being undertaken by the ANI/WG: Antigua and Barbuda, Barbados and Trinidad and Tobago participated.	Superseded by ANI/WG actions
CONCLUSION 1/5 FOLLOW-UP TO AN-CONF/12 RECOMMENDATIONS	That in order to follow-up on implementation of Recommendations from the AN-Conf/12, the E/CAR/CATG: a) study the corresponding recommendations of the AN-Conf/12; b) initiate and propose follow-up actions to E/CAR States/Territories in coordination with the ANI/WG; c) update its work programme as required; and d) the progress of items a), b) and c) be reported to the E/CAR/DCA/25 Meeting.	This action is being undertaken by the ANI/WG Ad-hoc Group	Superseded by ANI/WG actions
DECISION 1/6 E/CAR PBN IMPLEMENTATION PLAN	That to consolidate and complete the Regional E/CAR PBN Implementation Plan: a) the ATM Rapporteur follow-up on the submission of National PBN Implementation Plans from Netherlands and United Kingdom Territories by 26 June 2013; b) ECCAA follow-up on the submission of the National PBN Implementation Plans from the rest of the OECS (e.g, Dominica, Saint Kitts and Nevis and Saint Lucia) by 26 June 2013; c) the ATM Committee provide feedback to Antigua and Barbuda concerning their National PBN Implementation Plan by 31 August 2013; d) the E/CAR States and Territories take note of Trinidad and Tobago PBN initiatives (E/CAR/CATG/1-IP/07) and that those States/Territories requiring assistance in understanding the PBN airspace concept make use of Trinidad and Tobago's expertise; and e) the ATM Committee present the revised E/CAR PBN Implementation Plan to the E/CAR/DCA/25 Meeting.	Effort that needs to be coordinated with the PBN TF Rapporteur	Valid

Conclusion	Text	Follow-up	Status
DECISION 1/7 PBN TASK FORCE	That in order to propel PBN implementation activities in the E/CAR based on the E/CAR PBN Implementation Plan, a PBN Taskforce under the lead of the ATM Committee be activated with participation of ATM, AIM and CNS specialists and the ATM Committee Rapporteur to: a) coordinate with the AIM and CNS Committees for designation of personnel to participate in the PBN Task Force; b) prepare the PBN Task Force Terms of Reference (ToRs) and work programme; c) report the results of a) and b) to the E/CAR/CATG Chairman by 30 July 2013; and d) present PBN Task Force progress to the E/CAR/DCA/25 Meeting.	PBN TF to report on this joint work	Completed: Based on information presented in b) these items are now under the purview of the ANI/WG PBN Task Force
CONCLUSION 1/8 E/CAR PBN TRAINING APPROACH	That in order to streamline E/CAR PBN implementation with a phased training approach: a) E/CAR States and Territories take advantage of the available PBN online web training to improve PBN awareness for certain stakeholders (e.g. ATCOs, Air Operators, Managers); b) E/CAR States and Territories designate, with the assistance of the ATM Committee, personnel for the formation of State Core and Auxiliary PBN Teams; c) the ATM Committee, in coordination with E/CAR States and Territories, continue to consider the option of IATA's "In Group" PBN Training for more structured PBN training; d) the ATM Committee report the progress of these training approach activities to the E/CAR/DCA/25 Meeting; and e) the ATM Committee present the revised E/CAR PBN Implementation Plan to the E/CAR/DCA/25 Meeting.	PBN TF to report on this joint work	Completed: Based on information presented in ATM Rapporteur's remarks, these items should now be under the purview of the ANI/WG PBN Task Force.
DECISION 1/9 ATS COORDINATION IMPROVEMENTS BETWEEN V. C. BIRD APP, PRINCESS JULIANA APP, SAN JUAN ACC AND PIARCO ACC	That in order to resolve and improve ATS coordination between V. C. Bird APP, Princess Juliana APP, San Juan ACC and PIARCO ACC that the ATM Committee Rapporteur, in coordination with the United States, Saint Maarten and Antigua and Barbuda: a) continue as lead to get a response on the coordination proposals mentioned in E/CAR/CATG/1-WP16 by 30 August 2013; and b) report the progress to the E/CAR/CATG Chairman for final reporting to the E/CAR/DCA/25 Meeting.	The E/CAR/CATG to report	Valid

Conclusion	Text	Follow-up	Status
CONCLUSION 1/10 UPDATE TO ATS LETTERS OF AGREEMENT	That in order to streamline updating of all E/CAR ATS Unit LOAs: a) E/CAR State and Territory ATS Units review and inform the ATM Committee of the status of validity and accuracy of their ATS LOAs by 30 September 2013; b) the ATM Committee coordinate and identify those States and Territories whose LOAs need updating for reasons of relevancy, clarity, safety and efficiency in the provision of respective ATS to aircraft operations by 31 October 2013; and c) the E/CAR/CATG Chairman report to the E/CAR/DCA/25 Meeting the status and update progress of the ATS LOAs.	The E/CAR/CATG to report	Valid
CONCLUSION 1/12 OPERATIONAL USE OF CPDLC AND ADS-C IN THE E/CAR	That in order to prepare for implementation of 50NM longitudinal separation minima in the New York FIR and its application in the E/CAR: a) Trinidad and Tobago analyze and identify the necessary actions for the operational use of CPDLC and ADS-C in the PIARCO FIR, including the necessary automated system adjustments and associated ATS procedures; b) the ATM Committee develop and coordinate the necessary proposal for the inclusion of CPDLC and ADS-C in the corresponding sections of ICAO Doc 7030 – CAR Region Supplementary Procedures by 30 October 2013; and c) Trinidad and Tobago and the ATM Committee inform the E/CAR/CATG Chairman of the progress of a) and b) for corresponding report to the E/CAR/DCA/25 Meeting.	The E/CAR/CATG to report and coordination with GOLD TF	Valid
CONCLUSION 1/13 OPERATIONAL ASSISTANCE FOR ARGYLE AIRPORT COMMISSIONING IN SAINT VINCENT AND THE GRENADINES	That considering that the new Argyle Airport will be commissioned in 2014: a) the PBN Task Force (PBNTF) carry out an operational evaluation of impact to regional operations aiming to provide assistance for the commissioning; b) Saint Vincent and the Grenadines and ECCAA keep the E/CAR/CATG informed on the implementation status of the Argyle Airport; and c) the PBNTF, Saint Vincent and the Grenadines and ECCAA report the results of a) and b) to the E/CAR/DCA/25 Meeting	The E/CAR/CATG to report on progress and impact to CAR Region	Valid

Conclusion	Text	Follow-up	Status
CONCLUSION 1/14 ACTIONS FOR DEVELOPING THE PIARCO NOTAM/AIS CONTINGENCY PLAN	<p>That in order to update the actions for developing a PIARCO AIS/NOTAM Contingency Plan as requested by the E/CAR Directors:</p> <p>a) the AIS Committee, in collaboration with the Trinidad and Tobago PIARCO AIS Office, develop and circulate a draft PIARCO AIS Contingency Plan to E/CAR States, ECCAA and ICAO by 30 September 2013;</p> <p>b) the AIS Committee Rapporteur continue coordination with Curacao to establish the necessary agreement(s) for formalizing their support of the PIARCO NOTAM/AIS Contingency Plan;</p> <p>c) E/CAR States, ECCAA and ICAO provide the E/CAR AIS Committee with comments on the draft PIARCO AIS Contingency Plan by 30 November 2013; and</p> <p>d) the E/CAR AIS Committee Rapporteur provide the E/CAR/CATG Chairman the initial draft version of PIARCO AIS Contingency Plan for presentation to the E/CAR/DCA/25 Meeting.</p>	<p>The E/CAR/CATG to report on progress and coordinate with AIM TF.</p>	<p>Valid</p>
DECISION 1/15 EVALUATION OF RESOLUTION FOR ELIMINATING MISSING AND DUPLICATED FPLS	<p>That in order to evaluate the effectiveness of the centralized FPL system, as resolution to eliminate the missing and duplicated FPLs in the E/CAR, the AIM Committee carry out an evaluation for this purpose once the centralized FPL system is operating with stability, tentatively by January 2014.</p>	<p>The E/CAR/CATG to report on progress and coordinate with AIDC TF.</p>	<p>Valid</p>
CONCLUSION 1/17 AIS FAMILIARIZATION TRAINING AND ADEQUATE STAFF	<p>That in order to ensure that staff involved in the operation of the Centralized Flight Planning System are adequately qualified to perform flight planning:</p> <p>a) E/CAR States/Territories arrange for training in AIM quality management for key members of staff by 15 December 2013, and that these staff members be mandated to establish a quality system in either their AIS Units or their ATM Units responsible for performing AIS tasks;</p> <p>b) PIARCO AIS, in conjunction with the AIM Committee Rapporteur (Shirley Ford, Barbados), circulate, draft requirements and procedures for the submission of flight plans to the PIARCO Centralized Flight Planning System to E/CAR States by 30 September 2013 for comments to be received by 30 November 2013, and then to publish these procedures by December 2013;</p> <p>c) E/CAR States ensure that approved aircraft handling agents have staff that is adequately trained to perform flight planning; and</p> <p>d) Trinidad and Tobago consider hosting a familiarization programme for AIS operational staff who will interface with the new AIS and CFPL systems within the first half of 2014, submitting an invitation no later than 1 November 2013.</p>	<p>The E/CAR/CATG to report on progress and coordinate with AIDC and AIM TFs.</p>	<p>Valid</p>

— B5 —

Conclusion	Text	Follow-up	Status
CONCLUSION 1/18 IMPROVEMENTS TO HF AERONAUTICAL MOBILE SERVICE COMMUNICATIONS IN THE PIARCO FIR	That in consideration of the improvements made by Trinidad and Tobago in the provision of HF AMS service within the oceanic portion of the PIARCO FIR effective May 2011, ICAO obtain feedback from IATA on HF performance and forward it to Trinidad and Tobago by 30 August 2013.	The E/CAR/CATG to report on progress and coordinate with chairman of ANI/WG.	Valid

— END —