



ICAO

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

DISCUSSION PAPER

E/CAR/CATG/2 — DP/05
16/07/15

Second Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG/2) Meeting
Miami, United States, 15 to 17 July 2015

Agenda Item 4: Air Navigation Matters

4.2 Follow-up on the implementation of the NAM/CAR Regional Performance Based Air Navigation Plan (RPBANIP) and the Port-of-Spain Declaration Air Navigation Targets in the Eastern Caribbean:

- Progress reports of the AIM, AGA, ATM, CNS, MET and SAR Committees

PROGRESS REPORT OF THE ATM COMMITTEE

(Presented by ATM Committee Rapporteur)

EXECUTIVE SUMMARY	
This Discussion Paper presents a Summary of Discussions that emanated from the ATM Committee Meeting discussion taking in consideration the E/CAR/CATG/2 Reference documentation.	
<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">• E/CAR/CATG1 - 19 to 21 June 2013• ANI/WG/2 Final Report – 1 to 4 June 2015• E/CAR/CATG/01-WP/8• E/CAR/CATG/1-WP/15• E/CAR/CATG/1-WP/17• E/CAR/CATG/1-IP/3• Reassessment of ATM Action Plan

1. Introduction

1.1 During the E/CAR/CATG/2 Meeting, the ATM Committee held discussions regarding objectives on the development, improvement and implementation of ATM matters of concern for States/Territories within the E/CAR Region. The main activities being monitored/addressed by the ATM Committee are as follows:

- Updating the E/CAR ATM Committee's Points of Contact (POC);
- Review of PBN activities/initiatives within the E/CAR Region;
- Review of ATS Coordination activities between VC Bird APP, Princess Juliana APP, San Juan CERAP and Piarco ACC;

- Updates on the Caribbean and North Atlantic Regional Supplementary Procedures (Doc 7030) amendment submission;
- Review of ATS Letters of Agreement (LOAs);
- Operational use of CPDLC and ADS-C in the E/CAR Region;
- Operational assistance for Argyle Airport Commissioning in St. Vincent and the Grenadines (SVG); and
- Other ATM Committee Tasks.

2. Discussion

2.1 Based on the focus of the ICAO NACC Office and guidance from the ATM and SAR RO, the ATM Committee partook in the following discussions:

- Follow-up to Valid Conclusions from the E/CAR/CATG/1 Meeting
- Follow-up to Valid Conclusions/Decisions from the ANI/WG/2 Meeting
- Follow-up to Valid Conclusions from the E/CAR/CATG/2 WP15
- Follow up to Conclusion from the E/CAR/CATG/2 IP03

2.2 **Appendix B** provides information on those discussions.

3. Activities

3.1 The following activity is being proposed:

- E/CAR States and Territories place greater focus on completing the work agendas set out for/by the ATM Committee.

4. Suggested Actions

4.1 The Meeting is invited to:

- a) take note of the discussions of ATM Committee's activities;
- b) to review and agree on the activities to be carried out; and
- c) take any other action as deemed necessary.

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APPENDIX A

**ATM COMMITTEE POC
Rapporteur: Ian R Gomez, Trinidad and Tobago**

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APPENDIX B

CONCLUSION	TEXT	FOLLOW-UP	STATUS
<p>DECISION 1/6</p> <p>E/CAR PBN IMPLEMENTATION PLAN</p>	<p>That to consolidate and complete the Regional E/CAR PBN Implementation Plan:</p> <ul style="list-style-type: none"> 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. 	<p>Based on the refocus of the ICAO NACC Office from Planning to Implementation and guidance from the ATM & SAR RO, Decision 1/6 has now been reworded to E/CAR PBN Implementation Project and the following decisions have been made:</p> <ul style="list-style-type: none"> a) Members with the E/CAR States are to form Regional PBN Airspace Design Team whose focus will be to harmonise the En-Route and Terminal airspaces within the E/CAR Region in accordance with the PBN Airspace Redesign Concept. b) Trinidad and Tobago begin CDM with the adjacent En-Route ANSPs to harmonise the PBN Airspace Redesign Concept. c) States/Territories inform the ATM and ANI/WG PBN Rapporteurs of those persons selected for the PBN Airspace Design Team. d) States/Territories are urged to state their interest to the ATM and PBN ANI/WG Rapporteurs in attending a Regional PBN Workshop carded for November 2015. e) The ATM Committee to present an update on the E/CAR PBN Implementation Project to E/CAR/DCA/26 Meeting. <p>There is going to be an ATFM Workshop in November 2015. States/Territories are required to state their interest in attending by 28 July 2015.</p>	<p>VALID</p>

CONCLUSION	TEXT	FOLLOW-UP	STATUS
<p>DECISION 1/7</p> <p>PBN TASK FORCE</p>	<p>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:</p> <p>a) coordinate with the AIM and CNS Committees for designation of personnel to participate in the PBN Task Force;</p> <p>b) prepare the PBN Task Force Terms of Reference (ToRs) and work programme;</p> <p>c) report the results of a) and b) to the E/CAR/CATG Chairman by 30 July 2013; and</p> <p>d) present PBN Task Force progress to the E/CAR/DCA/25 Meeting.</p>	<p>Based on the directives of the E/CAR/DCA/25 Meeting these items have been considered Completed for the ATM Committee as they are superseded by the formation of the ANI/WG PBN Task Force. The following decisions have been made by the ATM Committee:</p> <p>a) Outstanding States/Territories for representatives on the ANI/WG PBN Task Force:</p> <ul style="list-style-type: none"> - French WI, - Grenada, - St Kitts and - St Maarten - SVG, and - Dominica <p>to inform the ANI/WG PBN Rapporteur (rmohammed@caa.gov.tt) of those persons selected for the ANI/WG PBN Task Force.</p>	<p>VALID</p>

CONCLUSION	TEXT	FOLLOW-UP	STATUS
<p>CONCLUSION 1/8 E/CAR PBN TRAINING APPROACH</p>	<p>That in order to streamline E/CAR PBN implementation with a phased training approach:</p> <ul style="list-style-type: none"> 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 	<p>The ATM Committee was informed of the following:</p> <ul style="list-style-type: none"> a) Trinidad and Tobago intends to host a PBN Workshop in November 2015. b) States/Territories are to state their interest in attending the Regional PBN Workshop carded for November 2015 by 28 July 2015. <p>Based on the information presented in a) and b) above, the following decisions have been made by the ATM Committee:</p> <ul style="list-style-type: none"> c) in preparation for the Regional PBN Workshop, States/Territories are urged to make effective use of ICAO online PBN training available on the website (http://www.icao.int/Training/Pages/coursecategory.aspx) as this training should be adequate prerequisite for participants of the respective National Core Teams. d) the ANI/WG PBN Rapporteur is to send information on the PBN Workshop Objectives to the E/CAR States/Territories at least two months (September 2015) before the scheduled start of the Workshop, and e) the ATM Committee report on the progress of these training approach activities to the E/CAR/DCA/26 Meeting. 	<p>VALID</p>
<p>DECISION 1/9 ATS COORDINATION IMPROVEMENTS BETWEEN V. C. BIRD APP, PRINCESS JULIANA APP, SAN JUAN ACC AND PIARCO ACC</p>	<p>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:</p> <ul style="list-style-type: none"> 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. 	<p>The ATM Committee too note of the following:</p> <ul style="list-style-type: none"> a) During the Quadrilateral ATC Coordination and Radar Data Sharing Meeting held in San Juan, Puerto Rico (19-20 March, 2015), there was the finalising and signing of the MOU which took effect from 04 May 2015. b) Feedback attained from the concerned States/Territories on the Monitoring Phase has provided positive results. 	<p>COMPLETE</p>

CONCLUSION	TEXT	FOLLOW-UP	STATUS
<p>CONCLUSION I/10</p> <p>UPDATE TO ATS LETTERS OF AGREEMENT</p>	<p>That in order to streamline updating of all E/CAR ATS Unit LOAs:</p> <ul style="list-style-type: none"> 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/26 Meeting the status and update progress of the ATS LOAs. 	<p>The ATM & SAR RO advised the ATM Committee that the main focus should be airspace redesign.</p> <p>The ATM Committee after careful consideration decided on the following:</p> <ul style="list-style-type: none"> a) to work towards achieving the LOA and PBN activities simultaneously. 	<p>VALID</p>
<p>CONCLUSION I/11</p> <p>PROPOSAL FOR AMENDMENT TO DOC 7030 FOR 50NM LONGITUDINAL SEPARATION MINIMA IN THE NEW YORK FIR AND OCEANIC CONTROL AREA</p>	<p>That in order to complete the proposal for amendment to Doc 7030 for 50NM longitudinal separation minima in the New York FIR and Oceanic Control area:</p> <ul style="list-style-type: none"> a) the E/CAR States and Territories support the proposal for amendment to ICAO Doc7030 - CAR/Region Supplementary Procedures, part CAR and NAT Regions, as stated in WP/17; and b) United States submit this amendment to the ICAO NACC Regional Office for coordination and approval as established in Doc 7030. 	<p>Based on comments provided by ICAO ATM & SAR RO concerning the redesign of the New York FIR, the ATM Committee decided that this Item needs to be reviewed.</p>	<p>VALID</p>

CONCLUSION	TEXT	FOLLOW-UP	STATUS
<p>CONCLUSION 1/12</p> <p>OPERATIONAL USE OF CPDLC AND ADS-C IN THE E/CAR</p>	<p>That in order to prepare for implementation of 50NM longitudinal separation minima in the New York FIR and its application in the E/CAR:</p> <p>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;</p> <p>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</p> <p>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</p>	<p>The ATM Committee decided that:</p> <p>a) T&T and USA to have collaborative CPDLC and ADS-C talks at least three months prior to December 2015. This Meeting will occur ADSC and CPDLC Go-Team in October 2015.</p>	
<p>CONCLUSION 1/13</p> <p>OPERATIONAL ASSISTANCE FOR ARGYLE AIRPORT COMMISSIONING IN SAINT VINCENT AND THE GRENADINES</p>	<p>That considering that the new Argyle Airport will be commissioned in 2014:</p> <p>a) the PBN Task Force (PBNTF) carry out an operational evaluation of impact to regional operations aiming to provide assistance for the commissioning;</p> <p>b) Saint Vincent and the Grenadines and ECCAA keep the E/CAR/CATG informed on the implementation status of the Argyle Airport; and</p> <p>c) the PBNTF, Saint Vincent and the Grenadines and ECCAA report the results of a) and b) to the E/CAR/DCA/25 Meeting</p>	<p>The ATM Committee agreed on the following:</p> <p>a) St Vincent and the Grenadines and ECCAA keep the E/CAR/CATG informed on the implementation status of the Argyle Airport; and</p> <p>b) St Vincent continues with the CDM process with its neighbouring States and Trinidad and Tobago so that the necessary assistance can be provided where required.</p>	<p>VALID</p>
ANI/WG CONCLUSION/DECISIONS (ANI/WG/2 Meeting)			
<p>ANI/WG2</p> <p>CONCLUSIONS AND DECISIONS</p>	<p>That the ATM E/CAR Committee reviewed the following ANI/WG2 Conclusions/Decisions:</p> <p>2/1, 2/3, 2/4, 2/5, 2/6, 2/7, 2/11, 2/13, 2/14, 2/18 and 2/10</p>	<p>The ATM E/CAR Committee is in concurrence with these Conclusions/Decisions.</p>	
E/CAR/CATG/2			

CONCLUSION	TEXT	FOLLOW-UP	STATUS
<p>E/CAR/CATG/2 WP17 TRINIDAD AND TOBAGO ATFM PROGRESS REPORT</p>	<p>The ATM Committee is to take note and urge E/CAR States of the following:</p> <ul style="list-style-type: none"> a) actively participate in the NAM/CAR ANI/WG ATFM Taskforce activities; b) attend the ATFM/CDM workshop being hosted by Trinidad and Tobago; c) send to Piarco ACC relevant operational information that would affect the flow of air traffic; d) review and publish aerodrome capacity; e) assess the revised electronic ATFMU Daily Reporting Form 	<p>The ATM Committee is in agreement with activities a), b), c) and d). The following States/Territories should be included in the new ATFMU Daily report Form:</p> <ul style="list-style-type: none"> • TKPN • TLPC • TDCF • TDPD <p>It is suggested that in the new electronic should include as an Appendix a list of the various information expected to be included in the column "Other Information"</p>	
<p>E/CAR/CATG/2 WP15 NAM/CAR PBN TASK FORCE REPORT</p>	<p>The following recommendations were noted:</p> <ul style="list-style-type: none"> a) An E/CAR Airspace Design Team involving States/Territories having responsibility for the TMAs within the Piarco FIR and Trinidad and Tobago, be created within the Region. Committee to collaborate on the re-design; b) Those States/Territories which are currently not part of the NAMCAR PBN Taskforce are encouraged to join and participate in activities and discussions. Nominees can be emailed to the PBN taskforce rapporteur; and c) E/CAR States/Territories are encouraged to consider the proposal by Trinidad and Tobago to host a PBN workshop/training seminar in November 2015. 	<p>The E/CAR States have considered the proposal in c) and have expressed interest in attending the PBN Workshop. That the E/CAR States/Territories indicate their interest to attend the PBN Workshop by 28 July 2015 to the ANI/WG PBN Rapporteur (rmohammed@caa.gov.tt). That E/CAR States update/nominate POCs for the PBN TF and submit to the ANI/WG PBN Rapporteur 28 July 2015. The E/CAR States/Territories who are willing to be part of the Airspace Design Team do so by 28 July 2015.</p>	

CONCLUSION	TEXT	FOLLOW-UP	STATUS
<p>E/CAR/CATG/2 IP03 INFORMATION, LIMITATIONS, PROCEDURES, PHRASEOLOGY AND AIC-FORMAT GOVERNING THE IMPLEMENTATION OF RADAR-ASSISTED SITUATIONAL AWARENESS (RASA) IN THE OECS</p>	<p>The ATM Committee noted the following conclusion:</p> <p>a) The OECS States have a guidance and reference document on situational awareness for the best and appropriate use of the equipment that is being donated by France as future equipment to be implemented for this purpose</p>	<p>The ATC Committee agreed on the following:</p> <p>a) Acquisition by States of permanent display systems for medium term continuation of RASA (as decided by States) or upgrade to full Radar Control.</p> <p>b) Equipment Training is to be provided for controllers in Saint Vincent and the Grenadines.</p> <p>c) St. Kitts and Nevis has to get additional Equipment Training.</p> <p>The Committee also noted the following:</p> <p>a) ATCOs from Saint Lucia will be trained by SNA/AG in Saint Lucia from mid-August 2015 over a period three (3) weeks. Six (6) training sessions will be conducted for a total of 30 ATCOs in equipment-operation, and in compliance with the ECCAA requirements for Radar Assisted Situational Awareness (RASA). That training should qualify ATCOs to use the radar displays for situational awareness. In the future, instructor-training will be provided to a number of St Lucia ATCOs using the simulator in Martinique.</p>	<p>VALID</p>

— END —