ICAO

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

Sixth Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG/6) Meeting

Final Report

Online, 17 to 19 August 2022

List of Contents

Contents	Page

HISTORICAL

ii.1   **Place and Date of the Meeting**

The Sixth Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG/6) Meeting was held online from 17 to 19 August 2022.

ii.2   **Opening Ceremony**

Mr. Ricardo G. Delgado Regional Officer Aviation Security and Facilitation, of the North American, Central American and Caribbean (NACC) Regional Office of the International Civil Aviation Organization (ICAO), provided opening remarks. The Chairperson, Ms. Shenneth Phillips (Antigua and Barbuda), welcomed the participants and officially opened the meeting.

ii.3   **Officers of the Meeting**

Ms. Shenneth Phillips, Chairperson of the E/CAR/CATG chaired the meeting. Mr. Mayda Avila, Regional Officer, Communications, Navigation and Surveillance (CNS), of the ICAO NACC Regional Office, served as Secretary.

ii.4   **Working Languages**

The working language of the Meeting was English and working papers, information papers, and the report of the meeting were available to participants in said language.

ii.5   **Schedule and Working Arrangements**

It was agreed that the working hours for the sessions of the meeting would be from 09:00 to 13:00 hours daily (Mexico time) with adequate breaks.

ii.6   **Agenda**

Agenda Item 1:   **Approval of the Agenda, Working Method and Schedule of the Meeting**

Agenda Item 2:   **Review and follow-up of outstanding/valid Conclusions/Decisions of E/CAR/CATG/5 and NACC/DCA**

Agenda Item 3: **ECAR States - Air Navigation Implementation matters**
  3.1 Basic Building Block (BBB) implementation status
  3.2 Aviation System Block Upgrade (ASBU) Block 0 and Block 1 implementation Status
  3.3 National Air Navigation Plans
  3.4 Dashboard initiative for ECAR States

Agenda Item 4: **Electronic Air Navigation Plan (e-ANP) Volume III**

Agenda Item 5: **Other Business**

ii.7 Attendance

The Meeting was attended by 10 States/Territories from the CAR/E/CAR Regions and 1 International Organization, totalling 40 delegates as indicated in the list of participants.

ii.8 Conclusions and Decisions

The Meeting recorded its activities as Conclusions and Decisions as follows:

CONCLUSIONS: Activities requiring endorsement by the Directors of Civil Aviation of the Eastern Caribbean Region.
DECISIONS: Internal activities of the E/CAR Civil Aviation Technical Group (E/CAR/CATG).

An executive summary of these conclusions/decisions is presented in **Appendix A** to this report.

ii.8.1 List of Conclusions

Number	Title	Page
E/CAR/CATG/6/01	*UPDATE OF E/CAR/COMMITTEE ACTIVITIES*	2-1
E/CAR/CATG/6/02	*COMPLETE A BASIC BUILDING BLOCKS (BBB) ASSESSMENT*	3-1
E/CAR/CATG/6/03	*DEVELOPMENT OF AN ASSESSMENT ON THE GLOBAL AIR NAVIGATION PLAN REGARDING ELEMENTS READY IN BLOCK 0 AND BLOCK 1*	3-3
E/CAR/CATG/6/04	*INFORMATION TO MEASURE AIR NAVIGATION IMPLEMENTATION IN EASTERN CARIBBEAN STATES ACCORDING TO THE REGIONAL DASHBOARD*	3-5
E/CAR/CATG/6/05	*UPDATE INFORMATION (TABLES) OF e-ANP VOLUME II*	4-1
E/CAR/CATG/6/06	*NEXT E/CAR/CATG/07 MEETING*	5-1

ii.9   **List of Working and Information Papers and Presentations**

Refer to the Meeting web page:
https://www.icao.int/NACC/Pages/meetings-2022-ecarntg11.aspx

.

WORKING PAPERS

Number	Agenda Item	Title	Date	Prepared and Presented by
WP/01	1	Provisional agenda and schedule of the Sixth Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/6)	12/08/22	Secretariat
WP/02	2	Review and follow-up of outstanding/valid conclusions/decisions of E/CAR/CATG/5 and NACC/DCA	16/08/22	Secretariat
WP/03	3.3	Development of the Air Navigation Plans of Easter Caribbean States	16/08/22	Secretariat
WP/04	3.4	Dashboard of air navigation services and support for the development of the Electronic Air Navigation Plan (E-ANP)	16/08/22	Secretariat
WP/05	4	Progress report of the SAR Committee	12/08/22	SAR Rapporteur
WP/06	4	Report of the E/CAR/CATG AIM Committee	17/08/22	Rapporteur

INFORMATION PAPERS

Number	Agenda Item	Title	Date	Prepared and Presented by
IP/01	--	List of Working, Information Papers and Presentations	19/08/22	Secretariat
IP/02	4	Progress of the project for the formulation and management of Volume III of the CAR/SAM regions air navigation plan	16/08/22	Secretariat

PRESENTATIONS

Number	Agenda Item	Title	Presented by
1	3.3	Global Air Navigation Plan (GANP) Change proposal - Version 7	Secretariat
2	3.2	Global Air Navigation Plan ASBU Framework	Secretariat
3	3.1	Aeronautical Information Services BBB	Secretariat
4	3.4	Basic Building Blocks (BBB) Framework - Aerodrome Operation Services	Secretariat

PRESENTATIONS

Number	Agenda Item	Title	Presented by
5	5	Software for statistical analysis of surveillance data	Cuba

LIST OF PARTICIPANTS

ANTIGUA AND BARBUDA
1. Audrey Davis
2. Shenneth Phillips
3. Natasha Mussington

BARBADOS
4. Donna Archer
5. Gail Clarke
6. Richard Prempeh

CUBA
7. Edey Marín

ECCAA
8. Richard Cox
9. Luana Isaac
10. Eloise Silston
11. Trevor Davis

FRANCE
12. Jean-Jacques Deschamps
13. Jean-Luc Bonnaire

GRENADA
14. Sheldon Thomas

SAINT KITTS AND NEVIS
15. Daron Sutton

SAINT LUCIA
16. Lynden Leonce

SAINT VINCENT AND THE GRENADINES
17. Dillett Davis
18. James Ollivierre

TRINIDAD AND TOBAGO
19. Rohan Garib
20. Veronica Ramdath
21. Neil Ali
22. Steve Saroop
23. Rupnarine Baboolal
24. Salima Mohamdally
25. Steve Ramgoolam
26. Richard Halliday
27. Barry Phirangee
28. Ian Gomez
29. Ceronne Johnson
30. Arion Wallen
31. Riaaz Mohammed
32. Robert Rooplal

UNITED STATES
33. Jorge Chades
34. Rudolph (Rudy) Lawrence
35. Vincent McMenamy

ICAO
36. Ricardo Delgado
37. Raul Martinez
38. Eddian Mendez
39. Mayda Avila
40. Fabiana Todesco

CONTACT INFORMATION

Name / Position	Administration / Organization	Telephone / E-mail
Antigua and Barbuda		
Audrey Davis Deputy Chief of Air Traffic Services	Air Traffic Services - V.C. Bird International	E-mail Lorrainedavis11@gmail.com
Shenneth Phillips Chief Air Traffic Service	V. C. Bird Air Traffic Services	E-mail shennethp@yahoo.com
Natasha Mussington Acting Coordinator of AIS	V.C. Bird Air Traffic Services	E-mail natasha.mussington@gmail.com
Barbados		
Donna Archer Chief AIS Officer	Barbados Civil Aviation Department	E-mail donna.archer@barbados.gov.bb
Gail Clarke Aerodromes and ATS inspector	BCAD	E-mail Gail.clarke@barbados.gov.bb
Richard Prempeh Air Traffic Control Supervisor	Barbados Air Traffic Control	E-mail richard.prempeh@barbados.gov.bb
Cuba		
Edey Marín Airworthiness Aeronautical Specialist (CNS).	IACC	E-mail edey.marin@iacc.avianet.cu
ECCAA		
Richard Cox CNS Inspector	ECCAA	E-mail rcox@eccaa.aero
Luana Isaac AIM Inspector	ECCAA	E-mail lisaac@eccaa.aero
Eloise Silston ATM Inspector	ECCAA	E-mail dsilston@eccaa.aero
Trevor Davis CNS Manager	ECCAA	E-mail tdavis@eccaa.aero
France		
Jean-Jacques Deschamps Deputy director SNA-AG	DGAC/SNA-AG	E-mail jean-jacques.deschamps@aviation-civile.gouv.fr

Name / Position	Administration / Organization	Telephone / E-mail
Jean-Luc Bonnaire Head of ATC	DGAC/SNA-AG	E-mail jean-luc.bonnaire@aviation-civile.gouv.fr
Grenada		
Sheldon Thomas Aeronautical Information Service Officer	Grenada Airports Authority	E-mail sheldont050781@gmail.com
Saint Kitts and Nevis		
Daron Sutton Airport Manager	Nevis Air and Seaports Authority	E-mail Airport.Naspa@Gmail.com
Saint Lucia		
Lynden Leonce Technical Officer-ANS	Saint Lucia Air and Sea Ports Authority	E-mail lynden.leonce@slaspa.com
Saint Vincent and the Grenadines		
Dillett Davis Manager of Air Traffic Services	Civil Aviation Department	E-mail catcsvg@gmail.com
James Ollivierre Senior Air Traffic Controller	Civil Aviation Department	E-mail jaysyl2009@gmail.com
Trinidad and Tobago		
Rohan Garib Executive Manager ANS	Trinidad and Tobago Civil Aviation Authority	E-mail rgarib@caa.gov.tt
Veronica Ramdath Manager Communication Navigation Surveillance	Trinidad and Tobago Civil Aviation Authority	E-mail vramdath@caa.gov.tt
Neil Ali Manager Aeronautical Information Management	Trinidad and Tobago Civil Aviation Authority	E-mail nali@caa.gov.tt
Rupnarine Baboolal CNS Engineer (Ag.)	Trinidad and Tobago Civil Aviation Authority	E-mail rbaboolal@caa.gov.tt
Salima Mohamdally Unit Chief AIM Publication	TTCAA	E-mail smohamdally@caa.gov.tt
Steve Ramgoolam AIM Supervisor	TTCAA	E-mail sramgoolam@caa.gov.tt
Richard Halliday CNS Engineer	Trinidad and Tobago Civil Aviation Authority	E-mail rhalliday@caa.gov.tt

Name / Position	Administration / Organization	Telephone / E-mail
Barry Phirangee Air Traffic Management Officer	Trinidad and Tobago Civil Aviation Authority	E-mail bphirangee@caa.gov.tt
Ian Gomez Unit Chief ANS Safety	Trinidad and Tobago	E-mail igomez@caa.gov.tt
Ceronne Johnson Geomatics Officer I	Trinidad And Tobago Civil Aviation Authority	E-mail cjohnson@caa.gov.tt
Riaaz Mohammed Manager ANS Planning and Development	TTCAA	E-mail rmohammed@caa.gov.tt
Robert Rooplal AIR TAFFRIC MANAGEMENT	TTCAA	E-mail rrooplal@caa.gov.tt
Ameera Hosein ATC AAA	TTCAA	Tel. E-mail ahosein@caa.gov.tt
United States		
Jorge Chades Oceanic & Offshore ATC SME	FAA	E-mail jachades63@aol.com
Rudolph (Rudy) Lawrence Air Traffic Control Specialist	FAA	E-mail trinikatch1@gmail.com
Vincent McMenamy ATCS	FAA	E-mail Vincemcdj@gmail.com
ICAO		
Ricardo Delgado Regional Officer, Aviation Security and Facilitation	ICAO	E-mail rdelgado@icao.int
Raul Martinez Regional Officer, Aeronautical Information Management	ICAO	E-mail rmartinez@icao.int
Mayda Avila Regional Officer, Communications, Navigation and Surveillance	ICAO	E-mail mavila@icao.int
Eddian Mendez Regional Officer, Air Traffic Management and Search and Rescue	ICAO	E-mail emendez@icao.int
Fabiana Todesco Regional Officer, Aerodromes and Ground Aids	ICAO	E-mail FTodesco@icao.int

Agenda Item 1 **Approval of the Agenda, Working Method and Schedule of the Meeting**

1.1   The Secretariat presented WP/01 with the provisional agenda and schedule of the Sixth Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG/6) Meeting.

1.2   The Meeting was carried out on Zoom platform, four hours every day with time for breaks. The participants of the Meeting approved the agenda as presented in the historical section of this report and the schedule as presented under WP/01.

Agenda Item 2   **Review and follow-up of outstanding/valid Conclusions/Decisions of E/CAR/CATG/5 and NACC/DCA**

2.1   Under WP/02, the Secretariat presented information regarding the follow-up of the status of the decisions and conclusions taken from previous E/CAR/CATG meetings and other regional meetings that impact in the operation of the Eastern Caribbean (E/CAR) States and noted the following

2.1.1   Most of the valid decisions and conclusions from the previous meeting were completed.

2.2   Three different conclusions were superseded by new decisions because they conclusions were related to the Basic Building Blocks (BBB) and Global Air Navigation Plan (GANP) status implementation; it is needed to evaluate according to the new Global Air Navigation Plan (GANP) version.

2.3   Decisions and conclusions on activities under Performance Based Navigation (PBN) and Reduced Vertical Separation Minimum (RVSM) implementation, Meteorology (MET), Airport Collaborative Decision Making (A-CDM), System wide information management (SWIM), and others should be evaluated and action items to be updated according to the real needs.

2.4   With regard to Automatic dependent surveillance – broadcast (ADS-B) implementation, action must be carried out to support States that have the capacity to put into operation their facility to support the development of ADS-B legislation.

2.5   Based on the paragraphs above, the Meeting adopted the following decision:

DECISION E/CAR/CATG/6/01	UPDATE OF E/CAR/COMMITTEE ACTIVITIES	

What:
 	
That, integration activities and actions under the different E/CAR Committee work programme updating the information according to the following actions:
  a) the E/CAR/CATG Committees evaluate their action plans and update them according to actions that need to be completed in the short term by 15 December 2022; and
  b) E/CAR/CATG send the NACC Regional Office the work programme for the next two years according to the result of item a) above.
		Expected impact:
		
		☐ Political / Global
		☐ Inter-regional
		☐ Economic
		☐ Environmental
		☒ Operational/Technical

Why: It is necessary to update the status of implementation of the activities to improve ECAR/CATG work in the region, and its work programme according to the activities under the different E/CAR committees.		
When: 15 December 2022	**Status:** ☒ Valid / ☐ Superseded / ☐ Completed	
Who: ☒ States ☐ ICAO ☒ Other:	CATG Committees	

2.6   The description of the decisions and conclusions are under **Appendix B** of this report.

Agenda Item 3   Air Navigation Matters

3.1   E/CAR States - Air Navigation Implementation matters

3.1.1   Under this agenda item, Basic Building Blocks (BBB) evaluation of the following areas was presented:

a) BBB in Air Traffic Management (ATM) and Search and Rescue (SAR), led by Mr. Eddian Mendez, Regional Officer.
b) BBB in Aeronautical Information Management (AIM) led by Mr. Raúl Martinez, Regional Officer.
c) BBB in Aerodromes and Ground Aids (AGA), led by Mrs. Fabiana Todesco, Regional Officer.

3.1.2   Each evaluation session was conducted in accordance with the BBB developed with version 6 of the Global Air Navigation Plan (GANP), covering the different mandatory services stipulated in the BBB according to ICAO standards and recommendations.

3.1.3   The BBB framework outlines the foundation of any robust air navigation system. It is nothing new, but the identification of the essential services to be provided for international civil aviation in accordance with ICAO standards. These essential services are defined in the areas of aerodromes, ATM, SAR, Meteorology, and information management. In addition to essential services, the BBB framework identifies the end users of these services as well as the assets (Communications, Navigation and Surveillance (CNS) infrastructure) that are necessary to provide them.

3.1.4   To ensure the provision of seamless air navigation services based on the deployment of interoperable systems and harmonized procedures, States need to leverage the implementation of the BBBs through their national air navigation plans as a strategic part of their national aviation planning framework. This will also pave the way for the future implementation of air navigation improvements to increase the quality of the services and meet the performance expectations of the aviation community

3.1.5   After the different sessions about the evaluation of the status of BBB implementation in the E/CAR States, the following decision was made:

DECISION E/CAR/CATG/6/02	COMPLETE A BASIC BUILDING BLOCKS (BBB) ASSESSMENT
What: That, to complete the Basic Building Blocks (BBB) assessment for each State identifying the air navigation implementation status is needed, the following actions be carried out by the E/CAR States: a) complete the BBB evaluation in the different air navigation areas to obtain the status of mandatory services that need to be operational in each State by 15 November 2022; b) develop an analysis on BBB evaluation by 15 November 2022; and	**Expected impact:** ☐ Political / Global ☒ Inter-regional ☒ Economic ☐ Environmental ☒ Operational/Technical

|	
c) provide the result to the high-level E/CAR Director meeting to support decision-making for the next years by 1 December 2022.	
Why:	
Establishing a baseline to help the Eastern Caribbean States will help improving the aviation system in the next years.	
When: 15 November 2022; 1 December 2022	**Status:** ☒ Valid / ☐ Superseded / ☐ Completed
Who: ☒ States ☒ ICAO ☐ Other:	E/CAR States supported by the ICAO NACC Regional Office

3.2 **Aviation System Block Upgrade (ASBU) Block 0 and Block 1 implementation Status**

3.2.1 Under P/02, the Secretariat explained that the GANP is an important planning tool for setting global priorities to drive the evolution of the global air navigation system and ensure that the vision of an integrated, harmonized, globally interoperable and seamless system becomes a reality.

3.2.2 The global technical level includes two technical frameworks, the BBB and Aviation System Block Upgrade (ASBU), with their associated performance framework, which includes performance objectives and Key Performance Indicators (KPIs). The BBB framework outlines the foundation of a robust air navigation system. It can also be viewed as the commitment of the State, under the Convention on International Civil Aviation (Doc 7300), to provide essential air navigation services for the safe and orderly conduct of international civil aviation.

3.3.3 The ASBU framework is part of global the technical level of the GANP.
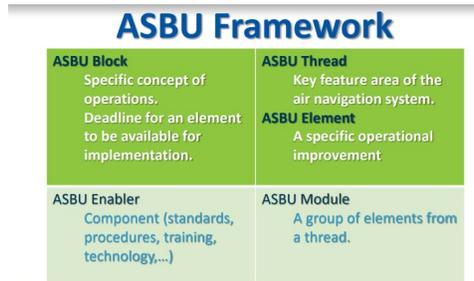
3.3.4 The ASBU threads are categorized in 3 groups:

- Operational threads: Airport Collaborative Decision Making (A-CDM), Airport Accessibility (APTA) , Network Operations (NOPS)
- Information threads: SWIM, AMET, Digital AIM (DAIM), Flight and flow - information for a collaborative environment (FF-ICE)
- Technology threads: Communications (COMS), Communications Infrastructure (COMI), Navigation (NAV), Alternative Surveillance (ASUR) (previous roadmaps)

3.3.5 Finally, the need to follow up a process to obtain the correct data to make decision about future implementation was discussed, according to the following steps:

a) Development of an assessment of BBB by each State to identify national and regional priorities.
b) Development and assessment of Block 0 and Block 1 ASBU elements to identify what elements were implemented and their operation status.
c) Evaluate every enable of ASBU element.

3.3.6   In this regard, the meeting agreed on the following decision:

DECISION E/CAR/CATG/6/03	DEVELOPMENT OF AN ASSESSMENT ON THE GLOBAL AIR NAVIGATION PLAN REGARDING ELEMENTS READY IN BLOCK 0 AND BLOCK 1	
What:		**Expected impact:**
That, to complete the evaluation of the air navigation services implementation in the E/CAR States an evaluation of the status of the implementation of ASBU elements of Block 0 and Block 1, and the evaluation of the results of the assessments be developed by 15 November 2022.		☐ Political / Global ☒ Inter-regional ☒ Economic ☐ Environmental ☒ Operational/Technical
Why:		
The results of the assessment will help to identify the ANS implementation priorities and support to develop National Air Navigation Plan for each State.		
When: Completed by November 15th, 2022	**Status:** ☒ Valid / ☐ Superseded / ☐ Completed	
Who: ☒ States ☐ ICAO ☐ Other:	E/CAR States supported by the ICAO NACC Regional Office	

3.3   National Air Navigation Plans

3.3.1   Under WP/3 the development of national air navigation plans by States is a strategic national planning tool that allows the integration of all parties involved, the identification of national and regional needs, and the assurance of the adequate growth of the aviation system in a controlled and efficient manner was discussed.

3.3.2   WP/03 indicated that the air navigation system supports the safe and orderly development of international civil aviation through the collaborative integration of humans, information, technology, facilities, and services. In technical scope, the system comprises aerodrome operations, ATM, meteorology, aeronautical information, and SAR services supported by air, ground, and space-based CNS capabilities. In operational scope, the system encompasses en-route to en-route operations to integrate airport operations and flights turn around. Finally, in community scope, the system is comprised of all stakeholders involved in the provision of or requiring the use of air navigation resources.

3.3.3   Relationship with other documents

3.3.3.1   The Global Air Traffic Management Operational Concept (GATMOC) (ICAO Doc 9854) presents the common vision of an integrated, sustainable, harmonized, and globally interoperable ATM system. The GATMOC companion manuals, which include *inter alia*, the Manual on Air Traffic

Management System Requirements (ICAO Doc 9882) and the Manual on Global Performance of the Air Navigation System (ICAO Doc 9883), will continue through their evolution to provide the sound conceptual basis and focus towards an integrated, sustainable, harmonized and globally interoperable air navigation system.

3.3.4 **Relationship with other global plans**

3.3.4.1   In addition to the GANP, ICAO has two global plans for safety and security: the Global Aviation Safety Plan (GASP) (Doc 10004) and the Global Aviation Security Plan (GASeP).

3.3.5   The status of the National Air Navigation plan for the E/CAR States is the following:

States	
Antigua and Barbuda	https://www.icao.int/NACC/Documents/RegionalGroups/ANIWG/ASBU/NANP-AntiguaandBarbuda-190911.pdf
Barbados	https://www.icao.int/NACC/Documents/RegionalGroups/ANIWG/ASBU/NANP-Barbados-181108.pdf
Dominica	No Data
Grenada	No Data
Saint Kitts and Nevis	No Data
Saint Lucia	https://www.icao.int/NACC/Documents/RegionalGroups/ANIWG/ASBU/NANP-SaintLucia-171003.pdf
Saint Vincent and the Grenadines	https://www.icao.int/NACC/Documents/RegionalGroups/ANIWG/ASBU/NANP-SaintVincentandGrenadines-181109.pdf
Sint Maarten	No Data
Trinidad and Tobago	https://www.icao.int/NACC/Documents/RegionalGroups/ANIWG/ASBU/NANP-TrinidadandTobago-181108.pdf
Territories	
Netherlands for Bonaire, Sint Eustatius and Saba Islands	No Data
French Antilles	No Data
United Kingdom for Anguilla; British Virgin Islands; and Montserrat	No Data

3.3.6   Air Navigation Service Providers (ANSP) are responsible for the planning, organization and efficient management of the air navigation system to achieve its optimum performance. Within the context of the GANP, ANSP refer to all stakeholders involved in the provision of air navigation services in the areas of aerodrome operations, ATM, meteorology, aeronautical information, and SAR. Although these services are mostly provided by specific entities, sometimes their provision can be delegated to other members of the aviation community.

3.3.7   The E/CAR States have to follow action before starting the process of updating/developing their National Air Navigation Plan.

   a) development of a State BBB evaluation: as an outcome of this evaluation, the State would find priorities to carry a project according with the results
   b) identify the implementation of ASBU elements on Block 0 and Block 1, especially if all elements are operating; and

c) Integrate national and regional needs into the process to develop their National Air Navigation Plan (NANP).

3.4   Dashboard initiative for ECAR States

3.4.1   Under WP/04 the Secretariat informed about the NAM/CAR/SAM initiative to develop a dashboard with the aim of informing, monitoring, and following up on the implementation of different aviation matters: safety, Aviation Security (AVSEC), Facilitation (FAL), Air Transport (AT), air navigation, and environmental protection; this information will be aligned with the CAR/SAM Planning and Implementation Regional Group (GREPECAS).

3.4.2   These dashboards are intended to serve the States (Director Generals and technical team) and the Regional Implementation Groups to support their monitoring of implementation progress and serve for the Annual Regional Safety and Air Navigation Reports, and others.

3.4.3   The dashboard will allow the implementation of a measurement system that allows the State to visualize the current degree of implementation, the expectations, and/or the implementation goals and thus support these tasks that require a continuous collection of data and measurements to establish a data report that is representative.

3.4.4   In that sense, it is necessary that the E/CAR States provide the information needed to measure air navigation implementation in the area. Consequently, the following decision was made:

DECISION E/CAR/CATG/6/04	INFORMATION TO MEASURE AIR NAVIGATION IMPLEMENTATION IN EASTERN CARIBBEAN STATES ACCORDING TO THE REGIONAL DASHBOARD	
What: That, the E/CAR/CATG Task Forces provide the information to measure the air navigation Implementation in the CAR Region according to the Dashboard requirements by: a) providing the information required in the short term to integrate it into the current regional Dashboard; and b) integrating into their action plans action items to ensure that each State provides the information on air navigation Implementation	**Expected impact:** ☐ Political / Global ☒ Inter-regional ☒ Economic ☐ Environmental ☒ Operational/Technical	
Why: Monitoring air navigation implementation will provide States with information to support decision-making.		
When: Completed by November 30th, 2022	**Status:** ☒ Valid / ☐ Superseded / ☐ Completed	
Who: ☒ States ☐ ICAO ☐ Other:	E/CAR/CATG Task Forces	

Agenda Item 4   **Electronic Air Navigation Plan (e-ANP) Volume III**

4.1   Under the IP/02 the Secretariat provided information on the status of the development of the Electronic Air Navigation Plan (e-ANP) Volume (Vol.) III.

4.2   The Regional Air Navigation Plan (RANP) is the document in which the forecasts for planning and implementation of air navigation systems within a specific region or regions are reflected, in accordance with the agreed global and regional planning framework. The RANPs has been developed to meet the needs of specific areas not covered by the global provisions. The Air Navigation Plans (ANPs) are developed and maintained by the ICAO Planning and Implementation Regional Groups (PIRGs) with the assistance of the ICAO Secretariat.

4.3   The ICAO Council decided that RANPs should be published in three volumes:

   a) e-ANP Vol. I of the ANP contains stable elements such as the assignment of responsibilities to States for the provision of aerodromes and air navigation facilities and service.
   b) e-ANP Vol. II of the ANP contains elements linked to the current mid-term mandatory regional requirements related to aerodromes and air navigation facilities and services.
   c) under development the e-ANP CAR/SAM Vol. III is to allow the establishment of a framework for performance measurement in the planning and implementation of air navigation services in the CAR/SAM Regions.

4.4   As part of the assessment of the air navigation status implementation in the E/CAR States it is necessary that all E/CAR States assess the current information of the e-ANP Volume II and update the information according to the current operation and implementation status.

4.5   According to the discussion, the Meeting made the following decision:

DECISION E/CAR/CATG/6/05	UPDATE INFORMATION (TABLES) OF e-ANP VOLUME II

What:
 	
That, the E/CAR/CATG Task Forces provide the data to update the information of the different tables as part of the electronic Air Navigation Plan (ANP), Volume II as follows:
   a) review the current information of the different tables and evaluate if the information is still valid or needs to be replaced; and
   b) provide valid data to update all fields of the different tables with the correct information of each State by 30 November 2022.
	Expected impact:
	
	☐ Political / Global
	☒ Inter-regional
	☒ Economic
	☐ Environmental
	☒ Operational/Technical

Why: To have the correct information about Services and infrastructure working in the States.	

When:	Completed by 30 November 2022	**Status:**	☒ Valid / ☐ Superseded / ☐ Completed
Who:	☒ States ☐ ICAO ☐ Other:		E/CAR States

E/CAR/CATWG Committees Progress

SAR Committee

4.6   Under WP/05 information about the "Progress report of the SAR committee" for the E/CAR States was presented. The rapporteur of the Task Force presented a summary of the activities, which emanated from the Fifth Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/5) Conclusion E/CAR/CATG/5/02 - Development of a Basic Building Block Assessment.

4.7   The E/CAR/CATG SAR Rapporteur engaged Mr. Barry Phirangee (Air Traffic Management Officer, Planning and Technical Evaluation Unit, Air Navigation Services Planning and Development Department, Trinidad and Tobago Civil Aviation Authority) with the subject matter expertise in Aeronautical –SAR (A-SAR) and air navigation security, to assist States with accomplishing the objectives associated with conclusion E/CAR/CATG/5/02 for A-SAR).

4.8   The BBB evaluation forms were prepared and emailed to each State. During follow up calls, some States requested assistance with completing the form. A sample document was prepared which made specific reference to the Standards and Recommended Practices (SARPs) contained in the reference documents (Annex 11, Annex 12 and PANS-ATM-Doc 4444). The relevant contents of the International Aeronautical and Maritime Search and Rescue (IAMSAR) documents were shared with States during the discussions. Virtual meetings were held with those States who required further assistance.

4.9   Discussions with the E/CAR States indicated that there is a need for regional coordination in order to have an effective A-SAR system. Dominica demonstrated this through its coordination and collaboration with Guadeloupe and Martinique.

AIM Committee

4.10   Under WP/06, a summary of the "Report of the E/CAR/CATG AIM Committee" was presented.

4.11   With regard to the Notice to Airmen (NOTAM) Contingency Plan, it was informed that an arrangement between Curacao and Trinidad and Tobago to establish a NOTAM contingency plan for the E/CAR States and Curacao is ongoing. The system is achieved using the services of IDS AirNav CRONOS system. The project is completed in approximately 55%, however, it has been significantly impacted by the COVID-19 pandemic and is tentative for the first quarter of 2023.

4.12   With regard to the transition of aeronautical information service (AIS) to Aeronautical Information Management (AIM), the NAM/CAR State - AIM Transition Implementation Status spreadsheet was sent to E/CAR States to assess their progress in the phased transition. While some States have not yet completed the spreadsheet, many E/CAR States have not completed phase 1 of the transition. This

information was sent to the NACC Regional Office and discussions are ongoing as to the way forward. These activities are covered under the North American, Central American and Caribbean Working Group AIM Task Force (NACC/WG/AIM/TF).

4.13   Concerning the Quality Management System (QMS), E/CAR States indicated that although Trinidad and Tobago has continued to maintain certification of its QMS and is currently certified to the ISO 9001:2015 Standard, and an ISO 9001:2015 Annual Audit was completed earlier this year, it is necessary that all E/CAR States certify their AIM services.

4.14   The Meeting indicated that it is necessary to understand what the requirements for certification of services are and how the E/CAR States can comply with these services.

4.15   The Secretariat explained that certification requires a comprehensive process, from preparation, procedure design, the certification process itself, the audit, and eventually the certification maintenance processes, in addition to the resources needed to carry out this process.

4.16   ICAO will coordinate an internal discussion to find the best way to support the Caribbean States in this process. These activities are covered under the NACC/WG/AIM Task Force.

Agenda Item 5   Other Business

5.1   Under this agenda item, the action plan to complete all activities planning during the meeting was discussed. **Appendix C** contains the new action plan.

5.2   During the meeting, it was informed that Mrs. Luana Isaac, Rapporteur of the AIM Committee moved a new position in ECCAA. Due to this, Mrs. Donna Archer is the new rapporteur for the E/CAR/CATG/AIM Committee. The rapporteurs' updated information is the following:

a) AIM Committee Rapporteur: Antigua and Barbuda – Donna Archer
b) ATM Committee Rapporteur: Trinidad and Tobago – Ian Gomez
c) AR Committee Rapporteur: Trinidad and Tobago – Rohan Garib
d) CNS Committee Rapporteur: Trinidad and Tobago – Veronica Ramdath
e) AGA Committee Rapporteur: Barbados – Gail Clark

5.3   The Meeting discussed the need to hold an in-person event, because the ECAR/CATG group need to hold meetings between the different Committees to discuss the issues and come up with the necessary activities required to fulfil the role they have been given.

5.4   The Secretary indicated that the requirements of the States were understood, but that to date, the meetings have been held on-line due to the consequences of the COVID-19 pandemic, and the States do not have sufficient resources to hold in-person meetings.

5.5   In that sense, the Meeting agreed the following:

DECISION **E/CAR/CATG/6/06** **NEXT E/CAR/CATG/07 MEETING**	
What:	**Expected impact:**
That, the E/CAR/CATG Committees, having indicated the need to have an in-person meeting to discuss and make decisions about activities related to their action plans, it was agreed to: a) conduct most of the activities on-line to the extent possible, with the objective of finalizing the proposed work programme for 2022 and the first half of 2023, updating the E/CAR/CATG terms of reference; b) the Chairperson of the E/CAR/CATG coordinate internally with the States the possibility of holding the next meeting of the group in person and inform by 30 October 2022 the venue and location of the meeting to	☐ Political / Global ☒ Inter-regional ☒ Economic ☐ Environmental ☒ Operational/Technical

	be included in the calendar of activities of the NACC Regional Office; and		
	c) due to the financial resources currently available to the States, the ICAO NACC Regional Office avoid making financial charges to the States when meetings have to be held in person.		
Why: It is important to provide the States with the financial, logistical and other resources necessary to carry out their activities.			
When: By 30 October 2022		**Status:** ☒ Valid / ☐ Superseded / ☐ Completed	
Who: ☒ States ☒ ICAO ☐ Other:		E/CAR States and ICAO	

5.6   Under P/05, Cuba presented information about the "Software for statistical analysis of aeronautical surveillance". The Software consists of two different applications.

5.7   The first application is **SurvSENSOR**, which receives data from aeronautical surveillance sensors (RADAR, ADS-B and/or MLAT) in ASTERIX format through a communications channel (RS-232, Ethernet UDP) and has the functionality to represent, analyze coverage both horizontally and vertical, store and process the information received.
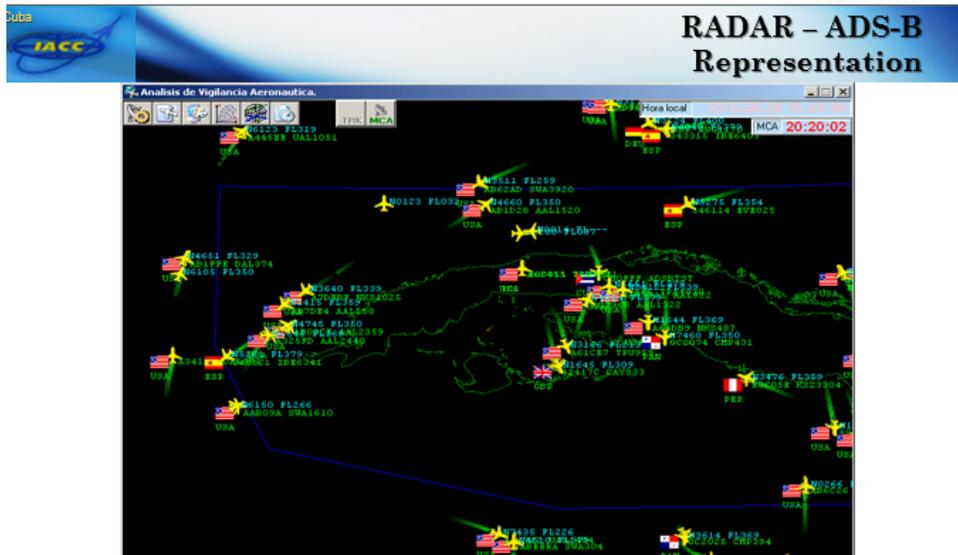
5.8   The second application is **SurvREPORT**, which statistically analyzes the processed and stored data of the SurvSENSOR application and has the functionality to process, store, and correlate, and make different reports of the statistical analysis of aeronautical surveillance data, generating in the form of lists and graphs.

5.9   Through these applications, it is possible to perform a technical analysis of the data coming from the ADS-B stations, as well as to find errors in the configuration data of the onboard equipment. It is a tool for analyzing all types of surveillance and monitoring its operation over time.

5.10   Cuba indicated that through the cooperation ties between the NACC States, the tool had been installed in Mexico and that Cuba was open to strengthening this cooperation link with other Caribbean States that may require it.

5.11   The Secretariat indicated that the software developed by Cuba is an excellent tool for States that are in the process of surveillance implementation, especially ADS-B because the tool allows to evaluate data from the surveillance system and improves its performance due to the analysis of the information. The Secretariat invited Barbados and Trinidad and Tobago to benefit from this tool in their States for the ADS-B Implementation process that they are carrying out.

5.12   The Secretariat thanked Cuba for its continuous support to the region.
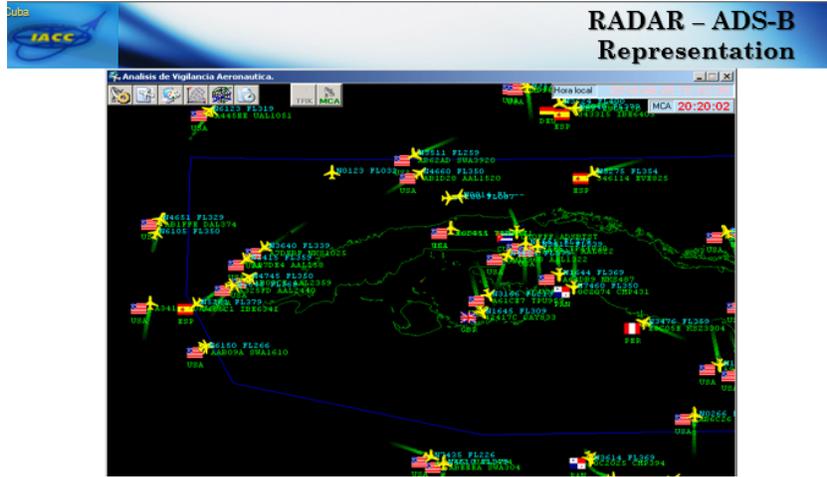
APPENDIX A
EXECUTIVE LIST OF DECISIONS

Number	Conclusion/Decision	Responsible for action	Deadline
DECISION E/CAR/CATG/6/01	**UPDATE OF E/CAR/COMMITTEE ACTIVITIES**		
	That, integration activities and actions under the different E/CAR Committee work programme updating the information according to the following actions: a) the E/CAR/CATG Committees evaluate their action plans and update them according to actions that need to be completed in the short term by 15 December 2022; and b) E/CAR/CATG send the NACC Regional Office the work programme for the next two years according to the result of item a) above.	CATG Task Force	15 December 2022
DECISION E/CAR/CATG/6/02	**COMPLETE A BASIC BUILDING BLOCKS (BBB) ASSESSMENT**		
	That, to complete the Basic Building Blocks (BBB) assessment for each State identifying the air navigation implementation status is needed, the following actions be carried out by the E/CAR States: a) complete the BBB evaluation in the different air navigation areas to obtain the status of mandatory services that need to be operational in each State by 15 November 2022; b) develop an analysis on BBB evaluation by 15 November 2022; and c) provide the result to the high-level E/CAR Director meeting to support decision-making for the next years by 1 December 2022.	Eastern Caribbean States supported by ICAO NACC	15 November 2022 1 December 2022

Number	Conclusion/Decision	Responsible for action	Deadline
DECISION E/CAR/CATG/6/03	**DEVELOPMENT OF AN ASSESSMENT ON THE GLOBAL AIR NAVIGATION PLAN REGARDING ELEMENTS READY IN BLOCK 0 AND BLOCK 1**		
	That, to complete the evaluation of the air navigation services implementation in the E/CAR States an evaluation of the status of the implementation of ASBU elements of Block 0 and Block 1, and the evaluation of the results of the assessments be developed by 15 November 2022.	Eastern Caribbean States supported by ICAO NACC Regional Office	15 November 2022
DECISION E/CAR/CATG/6/04	**INFORMATION TO MEASURE AIR NAVIGATION IMPLEMENTATION IN EASTERN CARIBBEAN STATES ACCORDING TO THE REGIONAL DASHBOARD**		
	That, the E/CAR/CATG Task Forces provide the information to measure the air navigation Implementation in the CAR Region according to the Dashboard requirements by: a) providing the information required in the short term to integrate it into the current regional Dashboard; and b) integrating into their action plans action items to ensure that each State provides the information on air navigation Implementation	Eastern Caribbean States supported by ICAO NACC Regional Office	31 October 2022
DECISION E/CAR/CATG/6/05	**UPDATE INFORMATION (TABLES) OF e-ANP VOLUME II**		
	That, the E/CAR/CATG Task Forces provide the data to update the information of the different tables as part of the electronic Air Navigation Plan (ANP), Volume II as follows: a) review the current information of the different tables and evaluate if the information is still valid or needs to be replaced; and b) provide valid data to update all fields of the different tables with the correct information of each State by 30 November 2022.	Eastern Caribbean States supported by ICAO NACC Regional Office	30 November 2022

Number	Conclusion/Decision	Responsible for action	Deadline
DECISION E/CAR/CATG/6/06	**NEXT E/CAR/CATG/07 MEETING**		
	That, the E/CAR/CATG Committees, having indicated the need to have an in-person meeting to discuss and make decisions about activities related to their action plans, it was agreed to: a) conduct most of the activities online to the extent possible, with the objective of finalizing the proposed work programme for 2022 and the first half of 2023, updating the E/CAR/CATG terms of reference; b) the Chairperson of the E/CAR/CATG coordinate internally with the States the possibility of holding the next meeting of the group in person and inform by 30 October 2022 the venue and location of the meeting to be included in the calendar of activities of the NACC Regional Office; and c) due to the financial resources currently available to the States, the ICAO NACC Regional Office avoid making financial charges to the States when meetings have to be held in person.	Eastern Caribbean States supported by ICAO NACC Regional Office	30 October 2022

APPENDIX B

DECISION/CONCLUSION	DESCRIPTION	ACTIONS	STATUS
DECISION E/CAR/CATG/5/01	REVIEW DECISIONS AND CONCLUSIONS OF PREVIOUS MEETINGS	That, integration activities and actions under the decisions or conclusions of previous meetings be updated according with the level of implementation as follows:	Completed
		a) the CATG Task Forces coordinate with their Members and update the status of the decisions and conclusions according with the current level of implementation and considering the GREPECAS, ANI/WG, and NACC/WG valid conclusions (refer to Appendix B to this report); and	
		b) valid decisions and conclusion be integrated under the Task Forces according to their area of responsibilities by March 2022	
CONCLUSION E/CAR/CATG/5/02	DEVELOPMENT OF A BASIC BUILDING BLOCK ASSESSMENT	That, as Basic Building Block (BBB) represent a baseline rather than an evolutionary step; this baseline is defined by essential services recognized by ICAO Member States as necessary for international civil aviation to develop in a safe and orderly manner; once these essential services are provided, they constitute the baseline for any operational improvement, and to obtain their level of implementation in the Eastern Caribbean, States support:	Superseded by Decision **E/CAR/CATG/6/02**
		1. Eastern Caribbean States mandatory aviation services, status of their implementation	
		2. Obtaining information to update the electronic Air Navigation Plan (e-ANP) Volume I and II	
		3. Identifying national and regional air navigation priorities	
		4. Establishing the basis for regional aviation development	
		5. Assess the five different areas that integrate BBB by April 2022.	

DECISION/CONCLUSION	DESCRIPTION	ACTIONS	STATUS
CONCLUSION E/CAR/CATG/5/03	ASSESSMENT ON THE GLOBAL AIR NAVIGATION PLAN (VERSION 6) REGARDING ELEMENTS READY TO BE IMPLEMENTED	That, as the new version of the Global Air Navigation Plan includes for each element the information of the "level of maturity" ready for implementation, on validation and concepts, Eastern Caribbean States:	Superseded by Decision **E/CAR/CATG/6/03**
		a) integrate the evaluation of the GANP elements in accordance with the three different threads: operational, Information and technology;	
		b) integrate to the ECAR/CATG Task Forces action plan the assessment according to the area of responsibilities; and	
		c) evaluate the results of the assessments by ECAR/CATG/06 in September 2022.	
CONCLUSION E/CAR/CATG/5/04	EVALUATE NEEDS FOR BACKUP COMMUNICATION FOR the EASTERN CARIBBEAN STATES	That, taking into account that the process of developing the technical specifications of the MEVA regional communications network is under development, and that within the document all the technical requirements and communications needs of the Caribbean States will be specified, and since the communications network of the Eastern Caribbean States has interconnections with the MEVA network, it is considered important that the States evaluate the need for backup circuits to be integrated to the MEVA network, and that Eastern Caribbean States:	Completed Information was sent to the MEVA/TMG for its evaluation.
		a) evaluate the backup communication needs for E/CAR States by December 2021; and	
		b) share the technical and operational information with the MEVA/TMG, and coordinate their needs to be integrated in the new MEVA phase by April 2022	
DECISION E/CAR/CATG/5/05	NEW RAPPORTEUR OF THE CATG AIM TASKS FORCE	That, due to the retirement of Mrs. Shirley Ford, representative of Barbados and Rapporteur of the AIM Task Force the States approved Mrs. Luana Isaac of Antigua and Barbuda	Completed

DECISION/CONCLUSION	DESCRIPTION	ACTIONS	STATUS
		as the new Rapporteur of the Task Force, due to her experience and knowledge in the AIM area.	
E/CAR/CATG/5/06	NEW RAPPORTEUR OF THE CATG AGA TASKS FORCE	That, due to the lack of representative to lead the activities of the AGA area in the Eastern Caribbean States subregion, the Meeting appoints Mrs. Gail Clark of Barbados as the new Rapporteur of the Task Force, due to her experience and knowledge in the AGA area.	Completed

CONCLUSIONS AND DECISIONS OF PREVIOUS MEETINGS

Number	Conclusion/Decision	Responsible for action	Deadline
1	MET IMPLEMENTATION PROJECT		
	That, for the MET implementation program updating, NACC States and Territories inform the Secretariat of the implementation mechanisms they have been using, the challenges they face and their assistance needs by 30 June 2019.	States	Completed Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.
2	SUPPORT PBN IMPLEMENTATION INITIATIVES IN THE NAM/CAR REGIONS		
	That, in order to support the current PBN initiatives in the NAM/CAR Regions and to overcome ineffective initiatives utilized on past PBN projects; a) Encourage States, Territories, and International Organizations to participate in the ICAO CAR Region PBN Survey and provide accurate, updated information which would then allow the PBN/TF to provide a proper analysis on their PBN implementation status by 31 December 2019; b) Encourage States, Territories and International Organizations to participate in a regional project to harmonize both the upper and lower level airspace routes within the NAM/CAR/SAM Regions by 31 December 2019; and c) Request States, Territories and International Organizations represented in the PBN/TF to provide sufficient support to their personnel in order to comply with agreed activities by 31 December 2019.	States, ICAO NACC, PBN/TF	Completed Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.

Number	Conclusion/Decision	Responsible for action	Deadline
3	AMENDMENT OF THE IMPLEMENTATION OF PBN NAM/CAR		
	That, In order to maintain up to date the regional Planning and initiatives to support the implementation of PBN in the NAM/CAR Regions a) the proposed update to the PBN RPO presented by the PBN/TF is approved b) the PBN/TF Work Programme for 2019-2023 is endorsed; and c) the PBN/TF to submit annual progress reports to the ANI/WG.	States, ICAO NACC, ANI/WG	Completed Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme...
4	AMENDMENT OF THE IMPLEMENTATION OF FLEXIBLE USE AIRSPACE (FUA) AND IMPROVE DEMAND AND CAPACITY BALANCING (DCB) NAM/CAR REGIONAL PERFORMANCE OBJECTIVES		
	That, In order to maintain up to date the regional planning and initiatives to support the implementation of Flexible Use Airspace (FUA) and Improve Demand and Capacity Balancing (DCB) in the NAM/CAR Regions a) is approved the proposed update to the FUA and DCB RPOs presented by the ATFM Task Force; b) the ATFM Task Force Work Programme for 2019-2020 is endorsed; and Task Force Work Programme for 2019-2020; and c) the ATFM Task Force to submit annual progress reports to the ANI/WG.	States, ICAO NACC, ANI/WG	Completed Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme...
5	APPROVAL OF THE CAR REGIONAL SAR PLAN AND THE ANI/WG SAR TASK FORCE		
	That, in order to support the current SAR initiatives in the NAM/CAR Regions and to achieve the regionally agreed objectives; a) Approve the CAR Regional SAR Plan, as a regional SAR implementation planning tool, to translate the requirements of Annex 12 - Search and Rescue to the regional context of the Caribbean by 31 December 2019; b) Establish the ANI/WG SAR Task Force, as part of the ANI/WG structure, in order to support SAR implementation in the CAR Region and to lead with activities to support compliance of the RPBANIP Regional performance objectives by 31 December 2019; and c) The ICAO NACC Regional Office take the necessary measures to ensure the adequate establishment of the ANI/WG SAR Task Force, and convene its first meeting with the SAR activities proposed by the ICAO NACC Regional Office by 31 December 2019.	States, ICAO NACC, ANI/WG	Completed Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme...

Number	Conclusion/Decision	Responsible for action	Deadline
6	PROCESS OF IMPLEMENTING THE ADS-B		
	That, States which are in the process of implementing the ADS-B according to the regional goal of 1 January 2020. a) Publish its regulation by 30 October 2019; and b) States that have not yet done so conduct an analysis on how their operations may be affected by the implementation of the ADS-B in the adjacent States and that they take the necessary measures to carry out actions that may be required by 31 December 2019.	States, ICAO, ANI/WG	**Completed** ICAO NACC will support activities on ADS-B regulation with States that are ready to put into operation ADS-B.
7	REVIEW THE PACKAGE OF MEASURES TO LIMIT OR REDUCE EMISSIONS FROM INTERNATIONAL CIVIL AVIATION		
	That, the ANI/WG Tasks Forces review ICAO Doc 9988 and analyse possible synergies between its work plans and the examples of measures to limit or reduce CO_2 emissions from international aviation, in order to ensure possible contributions resulting of its work be included as part of the States´ action plans on CO_2 emissions reduction activities	States, ANI/WG Task Forces	Completed Initiatives and activities have to be update by the Group in the respective ECAR committee and reflect in the work programme.
8	ENDORSEMENT OF THE CAR REGION ATM CONTINGENCY PLAN		
	That, in order to enhance the regional contingency readiness and the continuity of air transport operations in contingency scenarios; a) States to endorse the first draft of the CAR Region ATM Contingency plan, and request ICAO NACC Regional Office to continue working on this plan to ensure that its related required contingency plans are included, such as those related to NOTAM, MET and ATFM offices by 15 June 2019; b) encourage the States that have not yet done so, to develop their ATM contingency plans, following the guidelines established by GREPECAS, and submit them to the ICAO NACC Regional Office by 15 June 2019; and c) The ICAO NACC Regional Office establish a procedure for the systematic request, publication and annual review of the ATS contingency plans, for those States, Territories and International Organizations which provide Air Traffic Services in the CAR Region by 15 June 2019.	States, ICAO	Valid Some States are pending to provide the information

Number	Conclusion/Decision	Responsible for action	Deadline
9	PROJECT EVALUATION COMMISSION (RLA/09/801 PEC)		
	That, The Project Member States are encouraged to send the information of their necessities to the Secretariat by 14 June 2019, for it to be forwarded to the Project Evaluation Commission (RLA/09/801 PEC).	MCAAP State Members	Completed
10	UPDATING OF THE ANI/WG TASK FORCES REGIONAL PLANS		
	That, the new structure under Figure 3.1 is approved and ANI/WG Task Forces analyse the global and regional requirements and update their working plans to ensure: a) the development of tasks with the purpose of reaching the regional objectives that were proposed by the ICAO NACC Regional Office. b) identifying common activities to be developed by each Task Force; and c) that the plans are submitted to the ICAO NACC Regional Office for its integration by 30 September 2019.	ANI/WG	Superseded by DECISION E/CAR/CATG/6/01
11	ASSESSMENT OF THE REQUIREMENTS FOR THE FREE ROUTE AIRSPACE (FRA)IMPLEMENTATION		
	That, for the assessment of the necessary requirements to allow the free route airspace implementation the different ANI/WG Tasks Forces: a) integrate, in their working plans, activities to assess the possibility and requirements for the FRA implementation in the NAM/CAR region; and b) report to the next ANI/WG meeting the c) results of this analysis and recommend additional activities for this implementation	ANI/WG Task Forces	Completed
12	XML TESTS ON THE AMHS SYSTEMS PLATFORM		
	That, in order to test the XML capacity of the regional networks CAR, Cuba, the United States, the Dominican Republic, Trinidad and Tobago and COCESNA coordinate XML tests. For this purpose, the following activities are carried out: About AMHS reporting its progress by 30 December 2019. a) An Ad-hoc Group composed of the States and Organizations mentioned above is created and is led by Cuba by 30 December 2019. b) That the Ad-Hoc Group be part of MEVA/TMG by 30 December 2019 c) That the results of the tests be reported to the States by 30 December 2019.	States Ad-Hoc Group	Completed Initiatives and activities have to be update by the Group in the respective ECAR committee and reflect in the work programme.

OBSERVATIONS AND PROPOSALS OF THE ANI/WG
PRESIDENT AND THE DOMINICAN REPUBLIC

Number	Observations and proposals	Status
1	The AIDC/TF will request examples from IATA on traffic handoff facilities by other means than AIDC, and will consider its applicability and convenience in the region	Completed
2	Regarding the proposal to consider 100% implementation of AIDC under the NAM/ICD when Class III is completed, it will be sent to the AIDC/TF for analysis.	Initiatives and activities have to be updated by the Group in the respective E/CAR Committee and reflected in the work programme.
3	That the States review compliance with the BBB, and work on those aspects where they do not comply.	Completed
4	In the implementation of strategies to implement direct routes, and in general for any other measure, take into account the dependencies between the different ASBU areas and modules. Prepare checklists of requirements and preconditions	Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.
5	The creation of task groups for AGA, MET and SAR is supported.	Completed
6	SWIM implementation needs to consider to keep in sight its global nature, and therefore from the beginning to consider interoperability at a regional and global level.	Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.
7	It is proposed to modify the table of the Operation Plan of the SNA 2019, presenting the expected benefits on the first column, then the activities and finally the areas and Tasks Groups involved, since the same objective often involves more than one Working Group or Area.	Completed
8	The proposal that national plans integrate global and regional plans is supported. It is understood in this aspect that: 1. The regional plans reflect and are aligned with the global plan, and therefore integrating the national plans are indirectly integrated into the global. 2. The integration of the regional plan to the national ones should occur when the changes indicated during the ANI/WG/05 meeting are reviewed and accepted to the Regional Plan	Completed
9	The proposal to establish a defined deadline for States to report their national priorities is supported, understanding that these priorities do not conflict with, and consider the contribution to, the regional objectives. In this way, this proposal does not contradict proposal 2 of the presentation.	Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme..

Number	Observations and proposals	Status
10	The proposal that the Task Forces analyze the global and regional plans to update their work programs is accepted. It is recommended that the task groups do not do this analysis in isolation, that at some stage it is done together, either face-to-face or virtual.	Completed
11	The proposal to integrate other members of the ATM community is supported. It is proposed to establish contact points for each Member State or International Organization and formalize their participation	Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.
12	It is also proposed to send a letter to the States with the list of Points of Contact (PoC) of the ANI/WG, as well as the TF , so that they either ratify them or update it.	Valid
13	The elaboration of an airspace operation concept is supported. The change of name of the PBN/TF is also supported to reflect the change in scope.	Completed Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.
14	It is recommended that the proposal to give high priority to the concept of airspace operation be determined by the analysis of the regional objectives of the Task Force Groups.	Completed
15	The consolidation of the current and proposed documents of radar exchange agreement is supported, in order to have a single version with the benefits of both documents	Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.
16	The motion to carry out the analysis of the impact of the United States mandate on the use of the ADS-B is accepted, and to submit the applicable relative regulation by 30 October 2019	Completed
17	The ICAO NACC Regional Office is requested to motivate and support the importance of the SAR/TF and the other proposed AGA and MET groups to the Civil Aviation Authority Directors(NACC/DCA) Meeting.	Initiatives and activities have to be updated by the Group in the respective E/CAR committee and reflected in the work programme.

Number	Observations and proposals	Status
18	It is proposed to take into account the requirements for the implementation of the AMHS extended services as a next step to the implementation of the basic service, especially the need for the directory service	Completed

NACC/DCA/9 Valid Conclusion

Number	Conclusion	Responsible for action	Deadline
C/18	**E/CAR/CATG/WG AND E/CAR/NTG PERFORMANCE REVIEW** That, in order to optimize the resources and efforts in the implementation and to ensure that activities are result-oriented and of benefit of States,		
	a) the E/CAR/CATG based on its current work programme and progress achieved, review and present to the NACC/DCA/10 meeting a proposal to optimize the resources and elevate the efficiency of the group, and	E/CAR/CATG	NACC/DCA/10 meeting
	b) the E/CAR/NTG analyze options to follow-up on its activities such as maximizing coordination by electronic means and/or consider conducting face-to-face meetings every two year.	E/CAR/NTG	

ID	❶	Task Mode	Task Name
1			**Air Navigation Service Implementation Status**
2			**Basic Building Block Assessment**
3			Antigua and Barbuda
4			Barbados
5			Dominica
6			Grenada
7			Saint Kitts and Nevis
8			Saint Lucia
9			Saint Vincent and the Grenadines
10			Sint Maarten
11			Trinidad and Tobago
12			Netherlands for Bonaire, Sint Eustatius and Saba Islands
13			French Antilles
14			United Kingdom for Anguilla; British Virgin Islands; Montserrat
15			Present Information to ICAO Regional Office
16			Integration of Information
17			Sessions to evaluate Information
18			Results
19			**ASBU element Assessment (Block 0 and Block 1)**
20			Antigua and Barbuda

Timeline header: August (8/7, 8/14, 8/21, 8/28), September (9/4, 9/11, 9/18, 9/25), October (10/2, 10/9, 10/16, 10/23, 10/30), November (11/6, 11/13, 11/20, 11/27), December (12/4, 12/11)

Bar labels: ECAR States, ICAO, States,ICAO, States,ICAO

Legend:

Task		External Tasks		Manual Task	Finish-only
Split		External Milestone		Duration-only	Deadline
Milestone	◆	Inactive Task		Manual Summary Rollup	Progress
Summary		Inactive Milestone	◇	Manual Summary	
Project Summary		Inactive Summary		Start-only	

Project: Project1 (action plan) APP
Date: Thu 9/22/22

ID	Task Name
21	Barbados
22	Dominica
23	Grenada
24	Saint Kitts and Nevis
25	Saint Lucia
26	Saint Vincent and the Grenadines
27	Sint Maarten
28	Trinidad and Tobago
29	Netherlands for Bonaire, Sint Eustatius and Saba Islands
30	French Antilles
31	United Kingdom for Anguilla; British Virgin Islands; Montserrat
32	Present Information to ICAO Regional Office
33	Integration of Information — ICAO
34	Sessions to evaluate Information — States,ICAO
35	Results — States,ICAO
36	**Final report** — States,ICAO

Project: Project1 (action plan) APP
Date: Thu 9/22/22

Task		External Tasks		Manual Task	Finish-only
Split		External Milestone	◆	Duration-only	Deadline
Milestone	◆	Inactive Task		Manual Summary Rollup	Progress
Summary		Inactive Milestone	◇	Manual Summary	
Project Summary		Inactive Summary		Start-only	