



ICAO

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

WORKING PAPER

ANI/WG/4 — WP/30  
09/08/18

**Fourth NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/4)**  
Miami, United States, 21 – 24 August 2018

**Agenda Item 4: Follow-up, Performance Evaluation and Monitoring of the CAR Regional Performance Based Air Navigation Implementation Plan**  
**4.1 Progress Reports of the Task Forces of the ANI WG**

**ATFM REGIONAL IMPLEMENTATION STRATEGY**

(Presented by the Secretariat)

<b>EXECUTIVE SUMMARY</b>	
This Working Paper presents an update of the ICAO NACC ATFM implementation strategy for the NAM/CAR Regions, aligned with the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP), a root cause analysis of the regional implementation challenges, and suggested actions to address them.	
<b>Action:</b>	The suggested actions are presented in Section 5.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li><li>• Economic Development of Air Transport</li><li>• Environmental Protection</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• NAM/CAR Regional Performance Based Air Navigation Implementation Plan (RPBANIP)</li><li>• NAM/CAR Air Navigation Implementation Working Group (ANI/WG) ATFM Task Force Terms of Reference</li><li>• NAM/CAR Air Navigation Implementation Working Group (ANI/WG) ATFM Task Force Work Programme</li><li>• Caribbean/South American Air Traffic Flow Management Concept of Operation (CAR/SAM ATFM CONOPS)</li></ul>

**1. Introduction**

1.1 In order to support the safe and sustainable growth of air transportation in the NAM/CAR Regions, States and Air Navigation Service Providers (ANSPs) need to work to maintain a conscious balance of air traffic operations.

1.2 ANSPs in the CAR Region are making considerable investments in their ANS infrastructure, and ATS equipment in particular. This potentially allows handling traffic in a safer and more efficient manner, while working to cope with the constantly increasing growth.

1.3 In order to make these investments to have a positive impact, ANSPs need to transform the way on which they operate, aiming to maintain safe and continuous flows of traffic, avoiding unmanageable peaks or excessive traffic restrictions, providing the best possible service to stakeholders.

## **2. Progress on Regional ATFM Implementation**

2.1 To address ATFM implementation for the NAM/CAR Regions, the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (RPBANIP) has 2 Regional Performance Objectives (RPOs): Implementation of Flexible Use Airspace (FUA) and Improve Demand and Capacity Balancing (DCB).

2.2 The RPO Implementation of Flexible Use Airspace (FUA) has 6 tasks, from which 5 were assigned to the ANI/WG ATFM Task Force, for an 83%. However, when agreeing its work programme, the ATFM Task Force considered these tasks were not a priority and planned to start working with them in 2020, even though the RPBANIP target dates were 2016 and 2018. As a result, this RPO has 0% of implementation.

2.3 The RPO Improve Demand and Capacity Balancing (DCB) has 10 related tasks. Only 1 of them has been addressed by the ATFM Task Force, for a 10%, but has not been completed, for a 0% of implementation.

2.4 No ANI/WG ATFM Task Force face to face meeting has been held since the establishment of the Task Force in 2013.

## **3. Main challenge**

3.1 The ANI/WG ATFM Task Force was established to support regional ATFM implementation in accordance with the RPBANIP Regional Performance Objectives and report progress to the ANI/WG based on the action plan for these tasks. However, the ATFM Task Force has not followed a systematic process to develop its work programme in line with the RPBANIP related tasks, and verified the detailed progress for completion of the regionally agreed targets for periodic report.

## **4. Proposed actions**

4.1 Update the ANI/WG AFTM Task Force Terms of Reference (ToR) to establish clear responsibilities and accountabilities, and ensure the compliance with the RPBANIP.

4.2 The ATFM Task Force should analyse the validity of the current ATFM RPOs and, if required, suggest updating the RPBANIP accordingly. The ATFM Task Force should approve and follow completion of its work programme in line with the RPBANIP ATFM RPOs.

4.3 The ICAO NACC Regional Office to schedule an annual ATFM NAM/CAR Regional implementation meeting.

**5. Suggested actions**

5.1 The meeting is invited to:

- a) Approve the proposed update to the ANI/WG ATFM Task Force Terms of Reference presented in the Appendix;
- b) Recommend to the ANI/WG ATFM Task Force to analyse the validity of the RPBANIP ATFM related RPOs, its associated tasks, and develop a work programme in line with the expected outcomes; and
- c) Suggest the ICAO NACC Regional Office to schedule an ATFM NAM/CAR Regional implementation meeting.

-----

**APPENDIX**  
**AIR TRAFFIC FLOW MANAGEMENT (ATMF) TASK FORCE**  
**TERMS OF REFERENCE (TOR)**

**1. Background**

1.1 During the first ANI/WG meeting, an ATFM Implementation Task Force was formed in order to streamline related air navigation implementation activities. This Task Force shall complete ATFM implementation in accordance with the Regional Performance Objective (RPO) with emphasis on the Implementation of Flexible Use Airspace (FUA) and Improve Demand and Capacity Balancing (DCB) of the RPBANIP processes, as well as update and report progress to the ANI/WG based on the action plan for these tasks.

**2. Responsibilities**

2.1 The Task Force is responsible for:

- a) Develop and implement a Work Program to ensure the continuous and coherent development of ATFM in NAM/CAR Regions according with the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP) and agreed targets in a manner that is harmonized with adjacent regions, consistent with ICAO SARPs and the Global Air Navigation Plan;
- b) Appoint the Task Force Rapporteur from its members;
- c) Facilitate and support the implementation of the ATFM system by States and ANSPs, according to the different requirements and level of maturity; and
- d) Review, identify and address deficiencies that impede the implementation or adequate provision of efficient ATFM in the NAM/CAR Regions, propose actions to address them to improve ATFM operations.

2.2 Responsibilities of the members

- a) Attend to the Task Force meetings and Teleconferences.
- b) Collaborate with the development and implementation of the Task Force work program.
- c) Comply with the agreed tasks and activities as assigned.

2.3 Responsibilities of the Rapporteur

- a) Lead the development and implementation of the Task Force work programme and activities.
- b) Follow up on the compliance with the RPOs.
- c) Report to the ANI/WG the compliance with the Task Force Work Programme and RPOs related tasks.

## 2.4 Responsibilities of the Secretariat

- a) The ICAO NACC ATM/SAR Regional Officer will serve as the Secretary of the Task Force.
- b) He/she is responsible to support the Task Force activities, providing guidance to the connection for the Task Force work program and the RPBANIP;
- c) In coordination with the Rapporteur, develop and present to the members the annual programme of activities;
- d) In coordination with the Rapporteur, convene the Task Force activities, teleconferences and meetings; and
- e) Maintain up to date the Task Force documentation, work programme and membership in the ANI/WG website information.

## 2.5 Responsibilities of the States

- a) Support the participation of its members, according to the role and responsibilities assigned.
- b) Request accountability for the development and implementation of ATFM work program in the NAM/CAR Region.

## 3. Membership

3.1 The ATFM Task Force shall be comprised of up to 9 members, nominated by ICAO States, Territories and International Organizations members of the ANI/WG.

3.2 States, Territories and International Organizations nominating members of the ATFM TF shall provide the adequate support to its nominated members in order to comply with the requirements from the Task Force.

## 4. Working Methods

4.1 The Task Force will:

- a) Present its work programme containing activities in terms of objectives, responsibilities, deliverables and timelines.
- b) The Task Force Rapporteur and the Secretariat will coordinate an annual programme of activities to comply with the requirements of the approved work programme.
- c) Avoid duplicating work within the ANI/WG and maintain close coordination among the existing entities to optimize use of available resources and experience.
- d) Designate, as necessary, Ad hoc Groups to work on specific topics and activities and organize clearly defined tasks and activities.

- e) Coordinate tasks to maximize efficiency and reduce costs via electronic means including emails, telephone and teleconference calls, and convene meetings as necessary.
- f) Report on and coordinate the progress of assigned tasks to the ANI/WG.

**4. Work Programme** - *[Develop a separate document for the Work Programme, since the programme is a living document that will change according to the situation]*

**5. Membership** - *[Suggest a Task Force Composition of 6 to 8 members and no more than 9]*

*[Every FIR of the CAR Region should be represented in the ATFM TF]*

State/Territory/IO	ATFM TF Member Name	Remarks
Piano, Dan	Canada	
Salazar, Vanessa	CANSO	
Vanegas, Javier	CANSO	
Espino, Edy	COCESNA	New
Luna, Pablo	COCESNA	
Soto, Fernando	COCESNA	
Peña, Roosevelt	Dominican Republic	
Legagneur, Mario Eric	Haiti	
Vidal, Marco	IATA	
Siu, Julio	ICAO	New
Finlayson, Christopher	Jamaica	
Malcolm, Courtney	Jamaica	
Avila, Arturo Enríquez	Mexico	
Pérez Galindo, Alvaro Edgar	Mexico	
Fraser, Curtis	Trinidad and Tobago	
Mohammed, Riaaz	Trinidad and Tobago	
Peters, Curtis	Trinidad and Tobago	New
Richardson, Mike	United States	New and Rapporteur
Nielson, Tom	United States	
Tanino, Midori	United States	
Hinkson, Marsha	Belice	Proposed
Torres, Gilberto	Belice	Proposed
Coello, Camilo Zuniga	Costa Rica	Proposed
Sequeira, Mario	Costa Rica	Proposed
Centella, Jorge	Cuba	Proposed
Hernandez, Rolando Cruz	El Salvadore	Proposed
Iglesias, Valdemar Antonio	El Salvadore	Proposed
Jax, Jerry	Guatemala	Proposed
Nunez, Erik Fernando	Honduras	Proposed
Pavon, Heriberto	Honduras	Proposed
Molina, Holman Humberto	Nicaragua	Proposed
Savallos, Jorge Luis	Nicaragua	Proposed