



ICAO

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

INFORMATION PAPER

NACC/WG/RAP/04 — IP/10
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**Fourth Meeting of Rapporteurs of the North American, Central American, and Caribbean
(NACC/WG/RAP/04)
Online, 6-7 May 2026**

Agenda Item 3: Status of the different Task Force Action Plans, with discussion of outstanding activities, challenges, and next steps.

**MONITORING THE ACTIVITIES OF THE AERONAUTICAL FREQUENCY MANAGEMENT TASK FORCE
(FREQ/TF) ACTION PLAN**

(Presented by FREQ /TF Rapporteur)

EXECUTIVE SUMMARY	
This Information Paper is to present the FREQ/TF Task Force Action Plans, with discussion of outstanding activities, challenges, and next steps.	
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency
<i>References:</i>	<ul style="list-style-type: none">• Radio Navigation Workshop for the NAM/CAR/SAM Regions (RDNVW2025) from September 2 to 4, 2025, in Mexico City• Tenth Meeting of the North American, Central American and Caribbean Working Group (NACC/WG/10) Tulum, Mexico, September 8-12, 2025• NAM/CAR Regional Technical Session on Aeronautical Frequency Data Quality Validation - Online, 26 March 2026• ICAO Frequency Spectrum Management Panel (FSMP) website (Documents section) http://www.icao.int/safety/fsmp

1. Introduction

1.1 At the NACC/WG/10, held in Tulum last September, the FREQ/TF proposed an action plan for the 2025-2026 period which took into account the tasks below:

- Finalize the FREQ/TF Terms of Reference (ToRs)
- Create awareness amongst the member states for better frequency management
- Follow-up with the *Ad hoc* group to work on the Frequency Finder
- Plan more trainings with the ICAO NACC Regional Office (RO) for the Frequency Finder
- Follow-up with member States on the preparation for WRC-27
- Follow-up with the *Ad hoc* group to assess Annex 10 Vol. VI

1.2 This action plan is aligned with the priorities of the moment within the NACC Region in terms of frequency management and the activities that have been taken place to draw attention on, understand and mitigate the threats on the aeronautical frequency spectrum.

2. Discussion

2.1 To accommodate the new objectives of the FREQ/TF, an updated version of the task force's ToRs (**Appendix**) was submitted for approval. Two more members: Mexico and COCESNA, joined the task force in addition to Dominican Republic and Haiti. It is necessary that the more States support the FREQ/TF by nominating more experts on the matter which will help on overcoming the challenges that affect the aeronautical frequency spectrum.

2.2 After hosting the Radio Navigation Workshop for the NAM/CAR/SAM regions (RDNVW2025) from September 2 to 4, 2025, in Mexico City, discussing about the significant increase in Global navigation satellite system (GNSS) interference events, including:

1. GNSS jamming
2. GNSS spoofing
3. Unintentional radio frequency interference

2.3 The ICAO NACC Regional Office (RO), through the Project RLA/09/801 – Multi-Regional Civil Aviation Assistance Programme (MCAAP) approved a plan that will hire a Subject Matter Experts (SME) to develop a technical proposal for a Minimum Operational Network (MON) in the Caribbean (CAR) Region to ensure safe and continuous aircraft navigation during GNSS interference or outages, strengthening the resilience of regional Communication, navigation and surveillance (CNS) infrastructure.

2.4 The project will produce the following deliverables:

1. Assessment of GNSS dependency in the CAR Region
2. Inventory of conventional navigation aids
3. Analysis of GNSS interference risk scenarios
4. Conceptual design of a CAR Regional MON
5. Proposed MON infrastructure requirements
6. Regional MON implementation roadmap
7. Technical report for ICAO NACC and CAR States
8. Presentation to NACC/WG

2.5 It will provide ICAO NACC RO and CAR States with the technical foundation to implement GNSS contingency navigation capabilities.

2.6 On 26 March 2026, the ICAO NACC RO hosted the NAM/CAR Regional Technical Session on Aeronautical Frequency Data Quality Validation (AFDQV/2026). With the following objectives:

- a. Introduce ICAO’s Data Quality Validation initiative, as part of modernizing the Frequency Finder tool to support new technologies such as Space-based Very High Frequency (VHF) Communications.
- b. Present initial outcomes of the Data Quality Validation, currently being conducted by ICAO, which involves carrying out a consistency check between the VHF Communication (COM) List 3 and the data published in the Aeronautical information Publications (AIPs). This includes explanations of common deficiencies in the current frequency data submitted by States and their implications.
- c. Support States in preparing updated and validated frequency datasets for the NAM/CAR Regions.

2.5 In line with this meeting objectives, a second project was approved by the MCAAP consisting on conducting a structured, ICAO-led frequency data validation programme with the participation of two SMEs from CAR States, working alongside the ICAO NACC RO, ensuring high-quality data, improved spectrum protection, and enhanced safety ahead of key regional implementations and the 2027 World Radiocommunication Conference (WRC-27) of International Telecommunication Union (UIT).

2.6 This project aims to validate and harmonize aeronautical frequency data across the CAR Region to improve safety, reduce interference, and prepare for the implementation of the new version of the CAR Frequency Finder Tool; with specific objectives:

1. Validate, reconcile, and standardize all aeronautical frequency assignments across CAR States.
2. Identify deficiencies, duplications, and conflict-risk frequency assignments.
3. Strengthen data-quality practices for national spectrum authorities and Air navigation services provider (ANSPs).
4. Improve regional coordination mechanisms to prevent harmful interference.
5. Prepare technical contributions for CAR States participating in frequency-management deliberations at WRC-27.
6. Integrate validated data into the regional CNS/ATM frequency registry.

2.7 The ICAO NACC CNS Regional Officer and the SMEs will also participate in a regional frequency-management workshop “WRC27 preparatory workshop for NAM/CAR/SAM + FMSP WG23” prior to the WRC-27 to present results and support coordinated CAR positions.

3 Recommended actions.

3.1 The meeting is kindly invited to take note of the information provided.

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APPENDIX

TERMS OF REFERENCE

Aeronautical Frequency Management Task Force (FREQ/TF)

North American, Central American and Caribbean Working Group (NACC/WG)

<p>Background</p>	<p>At the MEVA/TMG/33 meeting, held in May 2018, it was decided to create a MEVA Ad-Hoc working group for the management of the frequencies in the Region. The CAR Region Spectrum Monitoring Ad-Hoc Group, approved by the ANI/WG/4 meeting in August 2018, was created in order to establish continuous evaluation of the radio electric spectrum for aviation in the region.</p> <p>Following the Conclusion GREPECAS/20/05 "Creation of an Ad-Hoc Group for the Development of a Regional Project for the Management of Aeronautical Frequencies", which was reinforced by the ICAO Assembly Resolution A41-7: "Support of the ICAO policy on radio frequency spectrum matters"; the first meeting of the Ad hoc Group was held at the ICAO NACC Regional Office (RO), from January 30th to February 3rd 2023.</p> <p>After approval of the new structure of the NACC/WG in June 2023, the FRE Ad hoc Group was designated Aeronautical Frequency Management Task Force (FREQ/TF).</p>
<p>Scope</p>	<p>The FREQ/TF will create and provide guidelines based on ICAO regulations to address actions to be taken by States to guarantee the protection and availability of frequencies for the current and future aviation needs; meaning to promote the regional management of the aeronautical frequency spectrum, and also to improve safety, avoid interference and other problems related to the use of frequencies.</p>
<p>Required Expertise</p>	<ul style="list-style-type: none"> • The FREQ/TF will be led by CNS experts from Dominican Republic, Haiti, Mexico and COCESNA. • The FREQ/TF can, at any time, be joined by other CNS experts in the region that will contribute to the scope of the work of the group.
<p>Objective(s)</p>	<ul style="list-style-type: none"> • Carry out the necessary activities for the establishment of the regional management of the aeronautical frequency spectrum. • Update the information on aeronautical frequency assignment in the Region. • Establish/update the regional frequency assignment procedure. • Propose a regional training program on aeronautical frequencies management • Promote the ICAO Position for ITU World Radio Conference at a regional level.

	<ul style="list-style-type: none">• Establish follow-up and evaluation mechanisms for ITU WRC topics.• Prepare important information on the use of frequencies in the future.
Specific Working Arrangements	<ol style="list-style-type: none">1. Update with the States, the lists of operational frequencies in the region: https://www.icao.int/NACC/Pages/frequency.aspx2. Improve the mechanism of coordination to allocate frequencies in the Region with ICAO and the United States.3. Validate and prepare trainings for the Frequency Finder management tool with the NACC Office.
Date of approval by ICAO	7 September 2018.