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

WORKING PAPER

Seventh North American, Central American and Caribbean Working Group Meeting (NACC/WG/7)

ICAO NACC Regional Office, Mexico City, 29 August - 1 September 2022

Agenda Item 3:   **Follow-up of the Activities of the NACC/WG Task Forces**

3.1   Progress of the NACC/WG on Aeronautical Information Management (AIM), Air Traffic Management (ATM) and Communications, Navigation and Surveillance (CNS)

THE ASBU TASK FORCE: RECOMMENDATIONS TO THE TERMS OF REFERENCE (TOR), WORK PROGRAM, AND MEMBERSHIP POINT OF CONTACT (POC) LIST

(Presented by ASBU Task Force Rapporteur)

EXECUTIVE SUMMARY
The world pandemic temporarily slowed down the ICAO NACC Aviation System Block Upgrade (ASBU) Task Force (TF) work in 2020 and 2021. To begin resuming the ICAO NACC ASBU TF work, it is necessary to update its core documents namely Terms of Reference (ToR), Work Program, and Membership Point of Contact (PoC) list. This paper provides recommendation to modify these documents and seeks suggestions and concurrences from the TF members.

Action:	Suggested actions are presented in Section 6.
Strategic Objectives:	- Safety - Air Navigation Capacity and Efficiency - Economic Development of Air Transport
References:	- Global Air Navigation Plan (GANP, Doc 9750) https://www4.icao.int/ganpportal/ - Aviation System Block Upgrade (ASBU) Framework https://www4.icao.int/ganpportal/ASBU - Basic Building Block (BBB) Framework https://www4.icao.int/ganpportal/BBB

1.   Introduction

1.1.   The Aviation System Block Upgrades (ASBU) Task Force (TF) was established during the NACC/WG/5 Meeting in Trinidad and Tobago in May 2017. The objective of the ASBU TF is to assist the region in the implementation of harmonized technologies that support the operation guided by the ICAO Global Air Navigation Plan (GANP) and the Aviation System Block Upgrades (ASBU).

1.2.   The ASBU TF work programme covers the basis for the preparation and maintenance of National Air Navigation Plans (NANPs) by ICAO Member States, organization and territories in the region. To prepare and maintain the States' National Air Navigation Plans (NANPs), states need to understand

GANP/ASBU in addition to their states' needs in current and future aviation technologies. The NANP should be used by the states to strategically plan what capability will be implemented and when to implement it.

1.3.	The ICAO issues new edition of GANP/ASBU every 3 years. The needs of states also changes based on the complex circumstances surrounding them. It is necessary to update NANPs periodically to align with the newer edition of GANP/ASBU while addressing new and old needs of states.

1.4.	This paper make recommendation to update three components of the ICAO NACC ASBU TF and they are:

- ICAO NACC ASBU TF Terms of Reference;
- ICAO NACC ASBU TF Work Program; and
- ICAO NACC ASBU TF Membership Point of Contacts List.

## 2.	ICAO NACC ASBU TF Terms of Reference

2.1.	**Appendix** A presents the existing ICAO NACC ASBU TF Terms of Reference (ToR) dated 8 November 2018. This section lists the recommended changes to the ToR and reasons. The ToR refers to Work Program and the ASBU TF Membership Point of Contacts (PoC) List as appendices A and B. To avoid confusion, this paper presents ICAO NACC ASBU TF Work Program in **Appendix B** and the ASBU TF Membership PoC list in **Appendix C.**

2.2.	Recommend to add a new paragraph in section 1 of ToR (Introduction), to explain the transition from ANI/WG to NACC WG. Replace ANI/WG with NACC WG where applicable.

2.3.	Recommend to modify Section 2, Objection, 1) as follows: Change recommendation is due to the readiness of Block 1 elements. In addition, change "a cyclical annual bases" to "a cyclical 3-year bases" to align with the ICAO Assembly and GANP/ASBU new edition cycle.

> **Current:** Develop effective methods to determine the regional implementation status of the ASBU Block0 elements and the performance monitoring of the Regional Air Navigation System, on a cyclical annual basis, as a regional input to the Annual Global Air Navigation Report and feedback for the Global Air Navigation Plan and the Regional Dashboard.

> **Recommended:** Develop effective methods to determine the regional implementation status of the ASBU Block 0 and Block 1 elements and the performance monitoring of the Regional Air Navigation System, on a cyclical 3-year basis, as a regional input to the Annual Global Air Navigation Report and feedback for the Global Air Navigation Plan and the Regional Dashboard.

2.4.	ICAO NACC Regional Office (RO) had developed the Regional Performance Based Air Navigation Implementation Plan (RPBANIP) as its regional ANP. The ToR should reflect the recent efforts of collaboration between ICAO CAR and SAM ROs to produce a joint regional plan for the CAR/SAM Regional Planning and Implementation Group (GREPECAS).

2.5.	Recommend to update section 7 of ToR (References). Specifically, present new version of GANP and ASBU.

3.   ICAO NACC ASBU TF Work Program

3.1.   This section lists the recommended changes to the Work Program and reasons. Appendix B provides the latest version of ASBU TF Work Program. Editorial modifications and changes in certain names (e.g., from ANI/WG to NACC WG, from state ANP to national ANP, from Block 0 to Block 0 and 1, and from RPBANIP to GREPECAS ANP) will be adjusted accordingly.

3.2.   Recommend the Note 1 describing the frequency of national ANP updates to align with the ICAO Assembly and GANP/ASBU new edition cycle. This change will also affect the Objective 1 of the Work Program.

> **Previous:** A formal review each calendar year shall be conducted during the ANI/WG and NACC/WG meeting so as to update/revise/modify its content for currency and applicability.

> **Recommended:** A formal review in every 3-year after the new edition of GANP/ASBU is issued, shall be conducted to revise its content for applicability.

3.3.   Recommend to remove the Work Program activity items that are completed and/or no longer required for the easy of program usage.

3.4.   Recommend updating the existing activities (e.g., target dates affected by the world pandemic).

3.5.   Plan and add the future activities to the Work Program. Examples of future activities includes:

- Preparation of the support materials to host the NANP workshops based on the 7th edition of GANP/ASBU;
- Scheduling and coordination of the NANP workshops based on the 7th edition of GANP/ASBU; and
- Planning of NACC ASBU status reporting materials and reporting methods.

4.   ICAO NACC ASBU TF Membership Point of Contacts List

4.1.   The last update of the PoC list is dated 26 August 2021 and was a minor update. Recommend that all PoC information be updated/verified including ICAO NACC ASBU TF coordinator.

5.   Basic Building Block

5.1.   The 6th edition of GANP introduced the Basic Building Block (BBB) framework that outlines the foundation of any robust air navigation system. The BBB is an independent framework and not a block of the ASBU framework as they 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.

5.2.　　　　　Although the BBB and ASBU are different frameworks, GANP supports both frameworks. It is natural that the NACC ASBU TF supports BBB implementation in the region. Recommend that BBB implementation support be included into the NACC ASBU TF Work Program.

6.　　　　　Suggested Actions

6.1.　　　　　The meeting is invited to:

a)　provide comments on the recommendations to the NACC ASBU TF ToR;
b)　provide comments on the recommendations to the NACC ASBU TF Work Program;
c)　provide comments on the recommendations to the NACC ASBU TF Membership PoC List; and
d)　provide comments on the recommendations to include BBB support work to the ASBU TF.

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APPENDIX A

Last updated: 8 November 2018

Terms of Reference
Aviation System Block Upgrade (ASBU) Task Force

1. Background

1.1. At the ANI/WG/2 Meeting in June, 2015, an Ad Hoc group was formed to discuss metrics of the ASBU Block 0 implementation status, performance reporting and revisions to the Air Navigation Reporting Forms (ANRF) which will be used by States and Territories in the NAM/CAR regions. In the ANI/WG/2 report, this ad hoc group was named the ANRF Ad Hoc group. Their given tasks are:

a) For the NAM/CAR States/Territories to review and adopt the proposed new ANRFs for application by June 2016;

b) For the NAM/CAR States/Territories to assess their status of implementation and report to ICAO NACC Regional office by 30 July 2016; and

c) For ICAO to organize by the first semester of 2016. a hands-on ANS/ASBU ANRF workshop to improve the use and understanding of the new ANRFs with participation of CANSO, IATA, civil aviation training centers and air navigation planning experts.

1.2. At the ANI/WG/3 Meeting in April, 2016, the delegates agreed to more active participation from their States/ANSPs to reflect their national priorities and users' main needs, and therefore agreed to create an ad hoc group to support, review, follow-up and reporting on the achievement of the air navigation (AN) targets established in the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP) and in the Port-of-Spain Declaration. During ANI/WG/3, this ad hoc Group was named the ASBU Ad Hoc Group.

1.3. At the NACC/WG/5 Meeting (May 2017), the delegates agreed that the ASBU Ad Hoc Group would become the ANI/WG ASBU Task Force (TF).

2. Objectives

2.1. To assist the region in the implementation of harmonized technologies that supports the operation.

1) Develop effective methods to determine the regional implementation status of the ASBU Block-0 elements and the performance monitoring of the Regional Air Navigation System, on a cyclical annual basis, as a regional input to the Annual Global Air Navigation Report and feedback for the Global Air Navigation Plan and the Regional Dashboard.

2) Assist NACC's States to formulate or update their National Air Navigation Plans by using a planning process to ensure alignment with the RPBANIP and the GANP.

3) Contribute with the continuous updating of the RPBANIP in order to maintain the validity, accuracy, and applicability of the Plan.

3. Responsibilities

3.1   The Task Force is responsible for:

    a)   Work Programme Management;
    b)   Coordination and support of the development and maintenance of State/Territory Air
            Navigation Plans; and
    c)   Support the revision and enhancement of Regional Performance Based Air Navigation
            Implementation Plan (RPBANIP)

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)   Avoid duplicating work within the ANI/WG and maintain close coordination among the
            existing entities to optimize use of available resources and experience;
    c)   Designate, as necessary, ad hoc groups to work on specific topics and activities and
            organize clearly defined tasks and activities;
    d)   Coordinate tasks to maximize efficiency and reduce costs via electronic means including
            emails, telephone and teleconference calls, and convene meetings as necessary; and
    e)   Report on and coordinate the progress of assigned tasks to the ANI/WG.

5. Work Programme – See the **Appendix A** (note: refer to APPENDIX B).

6. Membership

6.1   All ICAO States, Territories and International Organizations which are accredited to the ICAO NACC
        Regional Office, Other stakeholders in NAM/CAR Regions are encouraged to actively participate.
        Appendix B (note: refer to APPENDIX C) lists the Point of Contacts.

7. References

- Global Air Navigation Plan, 2016-2030 (Doc 9750-AN/963 Fifth Edition – 2016)
- The Aviation System Block Upgrades; the Framework for Global Harmonization. Issued: July
  2016.
- Doc 9854 Global Air Traffic Management Operational Concept
- Doc 9882 Manual on Air Traffic Management System Requirements
- Doc 9883 Manual on Global Performance of the Air Navigation System

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APPENDIX B

Appendix A – ASBU TF Work Programme

Last Updated on Aug 26, 2021

This ASBU Task Force (TF) work programme covers the basis for the preparation and maintenance of State ANPs by each member states in the region. To prepare and maintain the State ANPs, States need to understand GANP/ASBU in addition to their States' needs in current and future aviation technologies. The State ANP should be used by the State to strategically plan what capability will be implemented and when to implement it.

Note 1: This document establishes a guideline for attaining ASBU NAM/CAR goals and will be reviewed periodically throughout the year. A formal review each calendar year shall be conducted during the ANI/WG and NACC/WG meeting so as to update/revise/modify its content for currency and applicability.

Note 2: The GANP/ASBU will be updated every 3 years with ASBU Block definitions maturing every 6 years. Thus, minor updates are expected every 3 years and significant updates are expected every 6 years.

Objective 1: Develop effective methods to determine the regional implementation status of the ASBU blocks 0/1 elements and the performance monitoring of the Regional Air Navigation System, on a cyclical annual basis, as a regional input to the Annual Global Air Navigation Report and feedback for the Global Air Navigation Plan and the Regional Dashboard.

No	Activity	Purpose	Deliverable
1.1	**Establish and Update the ASBU TF PoC List – Completed and Maintenance Mode** • Draft the letter (by NACC RO and TF Rapporteur; Target Date: Dec 19, 2017) • Send a letter to request the PoC information States, Territories, and other stakeholders (by NACC RO; Target Date: Jan 12, 2018) • Receive the response (by NACC RO; Target Date: Feb 9, 2018) • Create the ASBU TF PoC List (by NACC RO; Target Date: Feb 9, 2018) • Distribute the ASBU TF PoC list via ASBU Website (by NACC RO; Target Date: Feb 16, 2018) • Update the ASBU TF PoC List (by NACC RO and TF Rapporteur; Target Date: as needed)	Each organization needs a PoC who is responsible for their ANP.	PoC List
	Status/Remarks: There are 21 States and one Territory in the Region who should have State ANP that is aligned with GANP and Regional ANP. In addition, COCESNA should have its ANP. Further coordination and investigation is needed by the NACC RO regarding the Territory handling. This coordination will take place once the Objective 1 is accomplished initially.		
1.2	**Generate ANRF – Completed and Maintenance Mode** • Fill in forms (by each State; Target Date: Apr 30, 2018) • Fill in State Summary Table (a.k.a. Pretty Table) (by each State; Target Date: Apr 30, 2018) • Examine and update the ANRF (by ASBU TF and each State; Target Date: May 31, 2018) • Keep track of ANRF status (by NACC RO and TF Rapporteur; Target Date: from Jan 2018 to Dec 2018) • Generate the Regional Summary Table (a.k.a. Pretty Table) (by NACC RO and TF Rapporteur; Target Date: May 31, 2019) • Generate ANRFs that are aligned with the 6th edition of GANP/ASBU	Support the ANRF generation at two levels: (1) the form itself and (2) contents of the form by State.	• ANRF Form Template • ANRFs by States and Territories • State and Regional Summary Table
	Status/Remarks: • As of August 15, 2018, following organizations have filled in ANRFs: Barbados, Belize, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Saint Lucia, Trinidad and Tobago, Curacao, and COCESNA. • April 17, 2019: Generation of ANRF became part of the State ANP creation. Refer to Task2.2. • August 17, 2021: The 6th edition of ANRFs were submitted to the ICAO NACC RO.		
1.3	**Performance Monitoring** • Analyze States specific needs (by each State; Target Date: Apr 30, 2018) • Determine regional needs (by NACC RO; Target Date: Apr 30, 2018) • Propose the Regional Performance Objectives (by NACC RO; Target Date: May 31, 2018)	Promote the formulation of a measurement strategy and identify the regional performance metrics.	Regional performance metrics
	Status/Remarks: None		

	Objective 2: Assist NACC' States to formulate or update their National Air Navigation Plans by using a planning process to ensure alignment with the RPBANIP and the GANP.		
No	**Activity**	**Purpose**	**Deliverable**
2.1.	**Schedule assistance activities** • Assess training/discussion needs of ANSPs (by NACC RO; Target Date: Jan 31, 2018) **- Completed** • Establish a list of training/discussion subjects (by NACC RO and TF Rapporteur; Target Date: Jan 31, 2018) **- Completed** • Establish schedule (by NACC RO and TF Rapporteur; Target Date: Jan 31, 2018) **- Completed** • Publish/coordinate events (by NACC RO; Target Date: Jan 31, 2018) **- Completed** • Perform ASBU workshops/seminars/meeting (by NACC RO and TF Rapporteur; Target Date: Jan 31, 2018) **– Completed** • Host the 2nd State ANP Workshop (scheduled at COCESNA for central American states in August 2018) **– Completed** • Host the 3rd State ANP Workshop (scheduled in Barbados for ECAR states in November 2018) **– Completed** • Host the 4th State ANP Workshop (TBD, ~~2019~~ 2022)	Provide a foundational baseline of refresher & supplemental training for personnel involved in ANP and ASBU.	WS/Seminar/ Meeting Materials and Report
	Status/Remarks: NACC RO hosted the 1st State ANP Workshop in Mexico City, Mexico on March 12-15, 2018. The WS was very well received and two additional WSs are scheduled in August and November 2018. April 17, 2019: See Task 2.2 Remarks for the details of ANP WS results. August 26, 2021(NACC/WG/6 WP08): NANP workshops were postponed due to COVID-19 pandemic. Need to continue hosting NANP workshops to address the 6th edition of ASBU.		
2.2	**Support Creation of ~~State~~ National ANP** • Prepare the National ANP template (by ASBU TF; Target Date: Jan 15, 2018) **- Completed** • Create the initial National • ANP (by each State; Target Date: May 31, 2019) **– Three WS were organized in 2018. 16 out of 21 targeted state/territory/organization created draft/initial ANP.** • Support States to finalize the initial National ANP (by each State; Target Date: TBD)	Ensure that all States in the region have their own State ANP which is aligned with the Regional ANP as well as GANP.	• State ANP template • Initial State AMP Status summary • State ANPs
	Status/Remarks: Use of State ANP template is optional. Saint Lucia worked with the TF Rapporteur prior to the WS and has draft State ANP. The 1st ANP Workshop: Barbados, Belize, Curacao, Mexico, and COCESNA created the draft State ANPs including the new/updated ASBU B0 ANRFs during March 12-15, 2018. The 2nd ANP Workshop: Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Dominican Republic created the draft state ANPs during August 6-9, 2018. Belize and COCESNA refined their ANPs. The 3rd ANP Workshop: Antigua and Barbuda, Haiti, Saint Vincent and Grenadines, Trinidad and Tobago, and Barbados during November 6-9, 2018.		
2.3	**Support Updates of State ANP** • Update the State ANP (by each State; Target Date: annual) • Support States to update their State ANPs (by NACC RO and TF; Target Date: as needed) • Keep State ANP status known (by ASBU TF)	Ensure the State ANP information is current.	• Updated State ANP • State AMP Status summary
	Status/Remarks: None		

	Objective 3: Contribute with the continuous updating of the RPBANIP in order to maintain the validity, accuracy, and applicability of the Plan.		
No	**Activity**	**Purpose**	**Deliverable**
3.1	**Support RPBANIP** • Identify the necessary updates that need to be applied to the existing RPBANIP (by NACC RO and TF; Target Date: Feb 28, 2018)) **- Completed** • Identify the regional goals/objectives that should be reflected in the RPBANIP (by NACC RO; Target Date: Feb 28, 2018) **– Guideline for the next version of RPBANIP is determined.** • Identify the needs of States in the region (by NACC RO and TF; Target Date: Feb 28, 2018) **– Guideline for the next version of RPBANIP is determined.** • Update RPBANIP (by NACC RO and TF; Target Date: May 31, 2018)) **- Underway**	Ensure the RPBANIP that is aligned with GANP/ASBU and reflect the needs of States in the region and the information is current.	Updated RPBANIP
	Status/Remarks: The State ANPs will reflect guidance from the RPBANIP while the RPBANIP will reflect the needs described in the State ANPs. Aug 26, 2021 (NACC/WG/6 WP16): RPBANIP will be integrated into the GREPECAS (CAR/SAM combined) eANP Volume III.		
3.2	**Update NACC ASBU Handbook and Other Support Materials** • Update the NACC ASBU Handbook (by ASBU TF; Target Date: After the 2019 version of GANP/ASBU is released.)	Provide materials for States and stakeholders and the	NACC ASBU Handbook and

	• Identify other ASBU materials that will support the States to prepare State ANPs and provide such materials to the States. (by ASBU TF; Target Date: As needed.) • NACC ASBU Handbook and other support materials are updated to be aligned with the 6th edition of GANP/ASBU in early 2020 and submitted to ICAO NACC RO in Aug 2021.	aviation community to understand the ASBU.	other support materials
	Status/Remarks: None		
3.3	**Provide ANI/WG ASBU Website - Completed and Maintenance Mode** • Design ANI/WG ASBU Website and implement (by NACC RO and ASBU TF; Target Date: March 31, 2018) **- Completed** • Update ANI/WG ASBU Website (by NACC RO; Target Date: As needed) • Add "Bible" link to the ANIWG ASBU webpage **- Completed**	Provide the capability to exchange ASBU related information as well as store information	ANI/WG ASBU Website
	Status/Remarks: ICAO NACC Regional Office is the webmaster.		
3.4	**Support ANI/WG Decisions** • Provide progress report/update for Chairperson for relevant meetings such as NACC/WG and ANI/WG (by ASBU TF; Target Date: Associated with NACC/WG and ANI/WG dates)	Liaison between Regional Coordination Groups and ASBU TF	Revised ToR to ICAO RO
	Status/Remarks: ANI/WG/5 meeting ~~is scheduled for~~ was held in May 27-31, 2019 in Mexico City, Mexico.		

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APPENDIX C

Last updated: August 26, 2021

Appendix B – Membership
Aviation System Block Upgrades (ASBU) Task Force

Rapporteur: Midori Tanino, United States
NACC Officer: Luis Sanchez

States	Member	EMail	Remarks
Antigua & Barbuda	(P) Shenneth Phillips (S)	Shenneth.Phillips@ab.gov.ag	Need verification
Bahamas	(P) (S)		Need PoC
Barbados	(P) Zeta Morris (S) Kendrick Mason	zeta.morris@barbados.gov.bb kendrick.mason@barbados.gov.bb	Verified at the 1st WS.
Belize	(P) Gilberto Orlando Torres (S) Marco Castellanos	gilberto.torres@civilaviation.gov.bz mikecharlie68@gmail.com	Verified at the 1st WS. (S) added at the 2nd WS.
Canada	(P) Kelly McIlwaine (S)	Kelly.McIlwaine@navcanada.ca	Verified on April 11, 2019
Costa Rica	(P) Marco López (S) Fernando Zeledón	mlopez@dgac.go.cr fzeledon@dgac.go.cr	Marco Lopez replaced Carlos Bolanos on July 3 2019
Cuba	(P) Iván González Valdés (S) Orlando González	ivan.gonzalez@iacc.avianet.cu orlando.nevot@iacc.avianet.cu	Updated on July 2, 2019.
Dominica	(P) (S)		New member. Need PoC
Dominican Republic	(P) Julio Mejia (S) Francisco Bolivar León	jmejia@idac.gov.do	Need verification of (S).
El Salvador	(P) Rolando Hernandez (S) Danilo Ramirez (S) Marco Henríquez	rhernandez@aac.gob.sv Danilo.ramirez@dgac.go.cr mhenriquez@aac.gob.sv	Need verification.
Grenada	(P) (S)		Need PoC
Guatemala	(P) Mynor Xoy Chiquin (S) Silvia Jeaneth Herrera	mynor.xoy@dgac.gob.gt jeaneth.herrera@dgac.gob.gt	Need verification. 2nd WS participants.
Haiti	(P) Joseph Boursiquot (S) Mario Eric Legagneur		Need verification.
Honduras	(P) Yalena Bonilla (S) Heriberto Sierra (S) Eric Martinez	ybonilla@ahac.gov.hn hsierra@ahac.gov.hn emartinez@ahac.gov.hn	Need verification. 2nd WS participants.
Jamaica	(P) Christopher Chambers (S) Orville Shaw	orville.shaw@gov.jm orville.shaw@jcaa.gov.jm	Need Chambers' email address.
Mexico	(P) José I. Gil Jimenez (S) Martin García Hernández	jigiljim@sct.gob.mx mgarcher@sct.gob.mx	Verified at the 1st WS.
Nicaragua	(P) Hugo Cano (S) Luis Mahamud	osuprad@inac.gob.ni ona@inac.gob.ni	Need verification. 2nd WS participants.
Saint Kitts & Nevis	(P) (S)		Need PoC
Saint Lucia	(P) Lynden Leonce (S) Amy Charles	Lynden.Leonce@slaspa.com Amy.Charles@slaspa.com	Verified.

	Saint Vincent & the Grenadines	(P) Dale Ollivierre (S) Dillet Davis		Need email address
	Trinidad and Tobago	(P) Rohan Garb (S) Robert Rooplal	rgarb@caa.gov.tt	Need verification.
	United States	(P) Midori Tanino (S) Leah Moebius	Midori.Tanino@faa.gov Leah.Moebius@faa.gov	Verified.
Territories with ANP				
	Curacao	(P) Inberto Vos (S) Michael Celestjin	I.vos@dc-ansp.org michael.celestijn@gobiernu.cw	Verified at the 1st WS.
Territories - Participation				
	Aruba	Refer to Curacao	Refer to Curacao	Participate via Curacao
	Bonaire	Refer to Curacao	Refer to Curacao	Participate via Curacao
Organization with ANP				
	COCESNA	(P) Pablo Luna (S) Cesar Nunez	Pablo.Luna@cocesna.org Cesar.Nunez@cocesna.org	Verified at the 1st WS.
Organization - Participation				
CANSO	CANSO	(P) Javier Vanegas	Javier.Vanegas@canso.org	Need verification.
IATA	IATA	(P) Marco Vidal Macchiavello	vidalm@iata.org	Need verification.

August 2021: Added Dominica to the table (15 April 2019 – Dominica has become the 193rd Member State of the ICAO). Replaced old CANSO logo with new logo.

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