



ICAO

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

**First NAM/CAR Air Navigation Implementation  
Working Group (ANI/WG) Aviation System Block  
Upgrades (ASBU) Task Force (TF) Meeting  
(ASBU/TF/1) Meeting**

**ASBU/TF/1**

**Draft Report**

Mexico City, Mexico, 14 to 15 March 2018

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**List of Contents**

<b>Contents</b>	<b>Page</b>
<b>Index</b> .....	i-1
<b>Historical</b> .....	ii-1
<b>ii.1</b> Place and Date of the Meeting.....	ii-1
<b>ii.2</b> Opening Ceremony.....	ii-1
<b>ii.3</b> Officers of the Meeting .....	ii-1
<b>ii.4</b> Working Languages .....	ii-1
<b>ii.5</b> Schedule and Working Arrangements.....	ii-1
<b>ii.6</b> Agenda .....	ii-2
<b>ii.7</b> Attendance .....	ii-2
<b>ii.8</b> Draft Conclusions and Decisions / Conclusions and Decisions.....	ii-2
<b>ii.9</b> List of Working and Information Papers and Presentations .....	ii-3
<b>List of Participants</b> .....	iii-1
Contact Information .....	iv-1
<b>Agenda Item 1</b> .....	1-1
<b><i>Review and Approval of the Provisional Agenda and Schedule</i></b>	
<b>Agenda Item 2</b> .....	2-1
<b><i>Assist States and Territories to complete the Air Navigation Reporting Forms</i></b>	
<b>Agenda Item 3</b> .....	3-1
<b><i>Regional Planning and the States ANP</i></b>	
<b>Agenda Item 4</b> .....	4-1
<b><i>Hands on exercise to generate State ANP</i></b>	
<b>Agenda Item 5</b> .....	5-1
<b><i>Review the ASBU Task Force Terms of Reference and Work Programme</i></b>	
<b>Agenda Item 6</b> .....	6-1
<b><i>Other Business</i></b>	

## **HISTORICAL**

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

The First NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Aviation System Block Upgrades (ASBU) Task Force (TF) Meeting (ASBU/TF/1) Meeting was held at the ICAO NACC Regional Office in Mexico City, Mexico, from 14 to 15 March 2018.

### **ii.2 Opening Ceremony**

Mr. Julio Siu, Deputy Regional Director of the North American, Central American and Caribbean (NACC) Office of the International Civil Aviation Organization (ICAO) provided opening remarks, and welcomed the participants to Mexico and officially opened the meeting.

### **ii.3 Officers of the Meeting**

The First NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Aviation System Block Upgrades (ASBU) Task Force (TF) Meeting (ASBU/TF/1) Meeting was chaired by Mrs. Midori Tanino, Rapporteur, United States, assisted by Mr. Luis Sanchez, Regional Officer, Aeronautical Meteorology from the ICAO NACC Regional Office.

### **ii.4 Working Languages**

The working language of the Meeting was English and working papers, information papers and draft 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 08:00 to 15:30 hours daily with adequate breaks.

**ii.6            Agenda**

**Agenda Item 1:            Review and Approval of the Provisional Agenda and Schedule**

**Agenda Item 2:            Assist States and Territories to complete the Air Navigation Reporting Forms**

**Agenda Item 3:            Regional Planning and the States ANP**

**Agenda Item 4:            Hands on exercise to generate State ANP**

**Agenda Item 5:            Review the ASBU Task Force Terms of Reference and Work Programme**

**Agenda Item 6:            Other Business**

**ii.7            Attendance**

The Meeting was attended by 5 States/Territories from the NAM/CAR Regions, 2 International Organizations, totalling 14 delegates as indicated in the list of participants.

**ii.8            Draft Conclusions and Decisions**

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

**DRAFT**

**CONCLUSIONS:**            Activities requiring endorsement by the Directors of Civil Aviation of North America, Central America and Caribbean (NACC/DCA).

**DECISIONS:**                Internal activities of the NAM/CAR Air Navigation Implementation Working Group (ANI/WG) or the NACC Working Group (NACC/WG).

**ii.9            List of Conclusions**

Will be presented in the final report.

**ii.x            List of Decisions**

Will be presented in the final report.

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

**LIST OF WORKING, INFORMATION PAPERS AND PRESENTATIONS**

(Presented by the Secretariat)

**WORKING PAPERS**

<b>Number</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Date</b>	<b>Prepared and Presented by</b>
WP/01	1	Provisional Agenda Approval	09/03/18	Secretariat

**INFORMATION PAPERS**

<b>Number</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Date</b>	<b>Prepared and Presented by</b>
IP/01	---	List Of Working, Information Papers and Presentations	09/03/18	Secretariat

**PRESENTATIONS**

<b>Number</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Presented by</b>
1		The 1st ANI/WG ASBU TF Meeting	Secretariat

**Refer to the Meeting web page:**

<https://www.icao.int/NACC/Pages/meetings-2018-asbutf1.aspx>

**The final list of documentation will be included in the final version of the Report**

**Agenda Item 1            Adoption of the Provisional Agenda and Schedule**

- 1.1            The Secretariat invited the Meeting to approve the provisional agenda and schedule.
  
- 1.2            The Secretariat highlighted that the Meeting/Workshop format was proposed in order to increase participation from States delegates and motivate the meeting to provide comments and views on the Agenda Items and particularly on the ASBU TF Terms of Reference.
  
- 1.3            The Secretariat presented the background and evolution of the ASBU-TF from the creation of an Ad Hoc Group during the Second meeting of the Air Navigation Implementation Working Group (ANI/WG/2) in June 2015, and further agreement during the NACC/WG/5 Meeting in May 2017, where States representatives agreed that the ASBU Ad Hoc Group would become the ANI/WG ASBU/TF and nominated Mrs. Midori Tanino (United States) as Rapporteur.
  
- 1.4            The Secretariat highlighted that the Regional Performance Based Air Navigation Implementation Plan (RPBANIP) is under development and invite the Meeting to provide comments to be included in the new edition under development.
  
- 1.5            The Meeting approved the agenda as presented in the historical section of this report and the schedule presented with minor changes.

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**Agenda Item 2 Assist States and Territories to complete the Air Navigation Reporting Forms**

2.1 Under P01 the Secretariat presents the Global Air Navigation Plan (GANP) 2016 Edition, the Regional Performance Based Air Navigation Implementation Plan and the updating process from 3.1 Edition to a 4.0 Edition; in addition the ASBUs framework for global harmonization 2016 was introduced. The following topics were presented: GANP 2019 multilayer structure; ASBU framework and key concepts, and NCLB related challenges.

2.2 The Meeting was informed of the status of the Regional Performance Based Air Navigation Implementation Plan (RPBANIP) and the plan to update to a 4.0 edition; The Secretariat presented the main changes to be included chapter by chapter, the position on the GANP 2019 evolution, and the relation with the e-ANP Volume III.

2.3 The Secretariat reiterated the Meeting their commitment to the NAM/CAR Regions, seeking to have a more active participation and involvement of the States in both Regions and proposed that the comments and views for the updating of RPBANIP was presented as recommendations during the meeting.

**DRAFT CONCLUSION**  
**ASBU/TF/1/XX**

**UPDATE OF RPBANIP**

That, in order to continue the updating of the RPBANIP, the States' ANP will be considered as the baseline to identify the regional needs and the regional operational requirements, to progressively update the document in a collaborative context; in addition, the Regional Performance Objectives will continue to be analysed and updated as part of the new edition of the RPBANIP and a preliminary version will be circulated on xx/xx/2018 to gain consensus for its presentation to the ANIWG-4 on June 2018.



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**Agenda Item 3      Regional Planning and the States ANP**

3.1            Under this Agenda Item the Meeting discussed the relation with the regional planning for the creation and alignment of State Air Navigation Plans (ANPs), and the Regional Specific requirements was presented.

3.2            Under presentation P03 Secretariat explained the ICAO strategy to assist States in the evaluation and implementation of ASBU elements, explained the SWIM and AIM considerations and the connection with the RPBANIP with the following recommendations:

- a)            Carry out the necessary studies to provide the information that supports the implementation of equipment and systems for the improvement of air navigation service in their States, focus on Safety is first.
- b)            States have to be sure of project development based on these studies to justified their necessities and priorities.
- c)            Integrate all stakeholders, included ICAO, involved in their analysis; make sure to incorporate the necessary information to ensure the success of the implementation.
- d)            Integrate in the project requirements to incorporate the automation objectives, connections with adjacent FIR and operations with another State, to be sure that the automation will work properly at the first time.
- e)            Incorporate into their national plans, the regional objectives and the global vision of aviation in order to ensure that their implementations will be prepared to successfully meet local needs and ensure the harmonized development of operations in the region.
- f)            Take into account the strategic objectives of ICAO, as national objectives, to ensure efficiency, security, facilitation, economic benefits and environmentally friendly implementations in all the projects that will be executed.

3.3            Regarding the AIM Secretariat informed that the GANP recommends the PIRGS and States to consider the formulation and funding of AIM strategies required for the implementation of the global initiatives; the publication of the PANS AIM, Annex 15 Amendment 40 and other updates of several AIM documents, are intended to serve as a strategic positioning initiative to drive the continued improvement of AIM in terms of quality, timeliness and the identification of new services and products to better serve aeronautical users. In addition Secretariat informed that the major expected change will be the introduction of new electronic and digital products and services, an increased emphasis on better data exchange and distribution in terms of high quality and strict timeliness to meet user requirements.

3.4            Under P04 Secretariat explained the following topics and recommended particular actions as follows:

- a)            Optimize airport operations through Airport Collaborative Decision Making (A-CDM) prioritizing the following aspects:
  - Define the rules and procedures used by aerodrome stakeholders to share information and work together to efficiently manage operations at aerodromes and enhance the planning and management of en-route operations.

- Optimize the use of all aerodrome resources, reduce arrival and departure delays, and improve predictability during regular and irregular operations.
- b) Application of the operational and performance requirements through the advanced surface movement and guidance system (A-SMGS), with main objectives:
  - Enhancing the surveillance function to ensure that controllers receive all necessary information on all aircraft and vehicles on the movement area
  - Developing routing facilities in order to make full use of aerodrome capacity (this will require the provision of a tactical planning tool)
- c) The Bird/Wildlife Hazard Management Plan forms part of an integrated Airport Risk/Safety Management System
  - Identify the specific hazards or risks associated with bird wildlife conflicts with aircraft at the Airport
  - Bird and animal species at the airport are ranked according to the risk posed to aircraft by the various factors including: The local and regional bird/wildlife population size (use Airport Bird Count Data, Safety Officer Log entries, Off Airport Counts); the Size of the bird and flocking nature as a measure of its propensity to cause damage; the location observed on or near the airport and movement patterns; The strike History (Ability to avoid aircraft)

3.5 Under P05 Secretariat presented the RPO-8: Improve availability of Meteorological Information, explained the ASBU AMET B0 elements and the process to update the RPO undertaken as part of the GREPECAS MET Projects activities.

3.6 Under Presentation P06 ASBU-TF Rapporteur explained the GANP 2016, the ASBU Handbook developed in cooperation with Canada as a tool to facilitate the understanding of the ASBU framework; the Air Navigation Reporting Form ANRF was explained in detail and examples of filled forms was presented as a way of communicating the progress and benefits achieved from the implementation.

**DRAFT CONCLUSION**  
**ASBU/TF/1/XX**

**NATIONAL AIR NAVIGATION PLANS**

The CAR States / Territories continue drafting or updating their National Air Navigation Plans and submit the reviewed document to ICAO NACC Regional Office by XX/XX/2018.

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**Agenda Item 4      Hands on exercise to generate State ANP**

4.1            Under this Agenda Item, the Rapporteur and Secretariat assisted participants to generate State ANP section by section, resolving dubs and providing assistance on ASBU framework, regional requirements as needed. States and Territories shared their experiences and best practices in the creation and development of their NANP; additional information is presented at **Appendix XX** Summary of Discussion of the ASBU-TF Workshop.

4.2            Under Presentation P06 ASBU-TF Rapporteur continues the explanation of the Air Navigation Reporting Forms ANRF module by module and the ASBU implementation status summary table as a way of communicating the progress and benefits achieved from the implementation.

4.3            The Rapporteur led the exercise to understand and fill in the ANRF for Block 0 Modules by reviewing each element, an explanation was given on how to fill in the ASBU element target table and ASBU implementation status summary table.

**DRAFT DECISION**

**ASBU/TF/1/XX**

**STATE ANP TEMPLATE**

The meeting agrees that the State ANP template presented and used during the workshop is a valuable tool to guide the planning process and will be implemented under the criteria of States and Territories as needed.

**DRAFT DECISION**

**ASBU/TF/1/XX**

**ASBU ELEMENT ANALYSIS AND IMPLEMENTATION PROCESS**

That States and Territories will continue using the ASBU Element Analysis and Implementation process described during the workshop, to determine in which of the two phases: "need analysis" or "implementation status" is each element, and present the implementation status in terms of: "Planning, Developing, Partially Implemented, or Implemented"

**DRAFT DECISION**

**ASBU/TF/1/XX**

**ANRF FORMS AND STATE AND REGIONAL SUMMARY TABLES**

That States and Territories to complete the preparation of the ANRF forms and State summary table to allow the generation of the Regional Summary Table, as a method to determine the regional implementation status of the ASBU block-0 elements; The Secretariat will update the ASBU-TF website to include all the material that will be provided by ASBU-TF Rapporteur.

**Agenda Item 5      Review of the ASBU Task Force Terms of Reference (ToRs) and Work Programme**

5.1                    Under this Agenda Item the Meeting discussed the ASBU TF Terms of Reference (ToRs) and Work Plan and gained consensus to start its development.

5.2                    Under P/07 The Rapporteur presented the ToRs, the work programme, and updated the membership.

5.3                    The Secretariat presented the ASBU-TF website available on the ICAO NAM/CAR Regional Office webpage at:

<https://www.icao.int/NACC/Pages/regional-group-asbu.aspx>

Where the States and Territories ANRFs could be accessible to ASBU-TF members and all the information of the ASBU-TF is available including the reviewed documentation.

**Agenda Item 6      Other Business**

No other businesses were discussed.