



ICAO

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

DISCUSSION PAPER

ANI/WG/4 — DP/07
08/22/18

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

ANI/WG ASBU TASK FORCE REPORT

(Presented by the ASBU Task Force Rapporteur)

EXECUTIVE SUMMARY	
This Discussion Paper presents the results for the Aviation System Block Upgrade (ASBU) Task Force Coordination Meeting during the ANI/WG/4	
<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">• NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP)• Global Air Navigation Plan, 5th Edition (Doc 9750)• The Aviation System Block Upgrades, the Framework for Global Harmonization, issued July 2016• Manual on Global Performance of the Air Navigation System (Doc 9883)• Third NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/3) report, Mexico City, Mexico, 4 April to 6 April 2016• Fifth NACC Working Group Meeting (NACC/WG/5) report, Port of Spain, Trinidad and Tobago, 22 May to 26 May, 2017

1. Introduction

1.1 The ASBU Task Force met during the ANI/GW/4 Meeting held in Miami, Florida on 21-24 August 2018. The purpose of this Task Force meeting was to review and adjust the newly created Work Programme, point of contact (PoC) list, and to provide support and guidance to the participants who have not drafted their state/national Air Navigation Plan (ANP).

1.2 Members from Costa Rica, Dominican Republic, Haiti, Jamaica, Trinidad and Tobago and United States participated.

2 Discussions

2.1 Objective 1, Work Item 1.1 of the work programme is to establish the ASBU TF PoC List. All member states (19 CAR states, 2 NAM states, 1 territory, and 1 organization) must provide the ASBU TF PoC information. Some additional PoC information was collected during the ANI/WG/4 meeting.

2.2 Verification of the PoC information on El Salvador, Nicaragua, and Canada is necessary. The PoC information on Bahamas, Grenada, Saint Kitts & Nevis, and Saint Vincent & the Grenadines is needed.

2.3 Objective 1, Work Item 1.2 of the work programme is to generate ANRF. We are going to close this item since it is duplicate item. This WI is accomplished as part of ANP generation/update work described in the WI 2.2 (Support Creation of State ANP), WI 2.3 (Support Update of State ANP) and WI 3.1 (Support RPBANIP).

2.4 Objective 2, Work Item 2.1 is to schedule assistance activities. We have prepared the ANP workshop process and necessary materials. ICAO NACC RO coordinated and hosted the 1st Workshop on March 12-13, 2018 in Mexico City, Mexico with 5 participating organizations. The 2nd WS is hosted by COCESNA on August 6-9, 2018 in Tegucigalpa, Honduras with 8 participating organizations. All participating organizations created excellent quality draft ANPs.

2.5 Among 21 states/organization in CAR region, 12 states/organization have drafted ANPs. They are (1) Barbados, (2) Belize; (3) COCESNA; (4) Costa Rica; (5) Curacao; (6) Dominican Republic; (7) El Salvador; (8) Guatemala; (9) Honduras; (10) Mexico; (11) Nicaragua; and (12) Saint Lucia.

2.6 Costa Rica gave us examples of usefulness of ANP. They plan to use ANP for the basis of investment plan and communication tool. The ASBU TF requested to provide written samples of usefulness of ANP as they discover now and future. Such information need to be share so that other states also can be benefitted.

2.7 The materials used for the 2nd ANP and two draft ANPs from Costa Rica and Dominican Republic were provided to (1) Cuba; (2) Haiti; (3) Jamaica, and (4) Trinidad and Tobago.

2.8 The 3rd WS is scheduled on the week of November 12, 2018 hosted by Barbados. It is recommended that the ICAO NACC RO will send the official invitation soon. States who have not participated the ANP WS are strongly recommended to participate the 3rd WS.

2.9 It is desirable to have periodical ANP WS so that states have opportunity to update their ANPs in addition to cope with the anticipated introduction of Block 1 and modification of Block 0 in 2019.

2.10 To address Block 1 and minimize the impact of Block 0 changes in 2019, added new WI 2.4, Preparation to accommodate the 6th Edition of GANP/ASBU. This WI is on hold until the 6th Edition of GANP/ASBU is approved for release at the end of 2019.

2.11 Updated Work Programme and ASBU TF PoC table is attached to this DP.

3 Suggested Actions

3.1 The Meeting is invited to:

- a) Take note of the discussions held by the ASBU TF;
- b) Review and support the ASBU TF ToR and Work Programme; and
- c) Propose any other actions as deemed necessary

APPENDIX
Attachment to ASBU TF DP

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 centres 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

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

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

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**.

6. Membership

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** 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

Appendix A – ASBU TF Work Programme

Updated: August 22, 2018

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 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.

No	Activity	Purpose	Deliverable
1.1	<p>Establish and Update the ASBU TF PoC List</p> <ul style="list-style-type: none"> • Draft the letter (by NACC RO and TF Rapporteur; Target Date: Dec 19, 2017) – Decided directly contact each state, Aug 22, 2018 • Send a letter to request the PoC information States, Territories, and other stakeholders (by NACC RO; Target Date: Jan 12, 2018) – Decided directly contact each state, Aug 22, 2018 • Receive the response (by NACC RO; Target Date: Feb 9, 2018) – Decided directly contact each state, Aug 22, 2018 • Create the ASBU TF PoC List (by NACC RO; Target Date: Feb 9, 2018) – Completed Aug 22, 2018. Will be updated as needed. • Distribute the ASBU TF PoC list via ASBU Website (by NACC RO; Target Date: Feb 16, 2018; September 30, 2018) • Update the ASBU TF PoC List (by NACC RO and TF Rapporteur; Target Date: as needed) <p>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. The NACC RO needs further coordination and investigation regarding the Territory handling. As of August 22, 2018, we have verified PoC from 15 states/org, need verification from 3 states, no info from 3 states. We will continue updating the PoC table until September 30, 2018 and post the results on the ASBU Webpage.</p>	Each organization needs a PoC who is responsible for their ANP.	PoC List
1.2	<p>Generate ANRF - Closed</p> <ul style="list-style-type: none"> • Fill in forms (by each State; Target Date: N/A) • Fill in Status Summary Table (a.k.a. Pretty Table) (by each State; Target Date: N/A) • Examine and update the ANRF (by ASBU TF and each State; Target Date: N/A) • Keep track of ANRF status (by NACC RO and TF Rapporteur; Target Date: N/A) • Generate the Regional Summary Table (a.k.a. Pretty Table) (by NACC RO and TF Rapporteur; Target Date: N/A) <p>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. • ANRFs and Status Summary Tables are components of ANP. Close Objective 1, 1.2 item since they will be accomplished as part of ANP generation/updates described in Objectives 2.2 and 2.3 and Objective 3.1.</p>	Support the ANRF generation at two levels: (1) the form itself and (2) contents of the form by State.	<ul style="list-style-type: none"> • ANRF Form Template • ANRFs by States and Territories • State and Regional Summary Table
1.3	<p>Performance Monitoring</p> <ul style="list-style-type: none"> • Analyze States specific needs (by each State; Target Date: N/A) • Determine regional needs (by NACC RO; Target Date: N/A) • Propose the Regional Performance Objectives (by NACC RO; Target Date: N/A) • Determine Performance Monitoring process (by ASBU TF; Target TBD) <p>Status/Remarks: (August 22, 2018) State analyzes the state specific needs as part of the state ANP creation. Refer to the “State Aviation System Improvement Status” section of the ANP. The NACC RO will address regional needs and Regional Performance Objectives in revised RPBANIP. Added “Determine Performance Monitoring process” since we have determined the Performance Monitoring mechanism (i.e., ASBU B0 Implementation Metrics and Targets, Implementation Status Summary Table, ANRF). Objective 2.3 may accomplish the Performance Monitoring.</p>	Promote the formulation of a measurement strategy and identify the regional performance metrics.	Regional performance metrics

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.	<p><u>Schedule assistance activities</u></p> <ul style="list-style-type: none"> 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) Host the 4th State ANP Workshop (TBD, 2019) 	Provide a foundational baseline of refresher & supplemental training for personnel involved in ANP and ASBU.	WS/Seminar/ Meeting Materials and Report
<p>Status/Remarks: NACC RO hosted the 1st State ANP Workshop in Mexico City, Mexico on March 12-15, 2018 with 5 participants. COCESNA hosted the 2nd WS in Tegucigalpa, Honduras on August 6-9, 2018 with 8 participants. The 3rd WS is scheduled in November 2018 in Barbados.</p>			
2.2	<p><u>Support Creation of State ANP</u></p> <ul style="list-style-type: none"> Prepare the State ANP template (by ASBU TF; Target Date: Jan 15, 2018) - Completed Create the initial State ANP (by each State; Target Date: May 31, 2019) Support States to finalize the initial State 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.	<ul style="list-style-type: none"> State ANP template Initial State AMP Status summary State ANPs
<p>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: (1) Barbados, (2) Belize, (3) Mexico, (4) Curacao, and (5) COCESNA created the draft State ANPs including the new/updated ASBU B0 ANRFs during March 12-15, 2018. The 2nd ANP Workshop: (1) Costa Rica, (2) El Salvador, (3) Guatemala, (4) Honduras, (5) Nicaragua, and (6) Dominican Republic created the draft state ANPs during August 6-9, 2018. (7) Belize and (8) COCESNA refined their ANPs. As for August 22, 2018, 12 states/organizations have draft ANP and they are (1) Barbados; (2) Belize, (3) Costa Rica; (4) Dominican Republic; (5) El Salvador; (6) Guatemala; (7) Honduras; (8) Mexico; (9) Nicaragua; (10) Saint Lucia; (11) Curacao; (12) COCESNA. 4 states have B0 ANRFs only and they are (1) Antigua and Barbuda; (2) Cuba; (3) Jamaica; (4) Trinidad and Tobago. 5 states have no ANP/ANRFs and they are (1) Bahamas; (2) Granada; (3) Haiti; (4) Saint Kitts and Nevis; (5) Saint Vincent and the Grenadines.</p>			
2.3	<p><u>Support Updates of State ANP</u></p> <ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> Updated State ANP State AMP Status summary
<p>Status/Remarks: None</p>			
2.4	<p><u>Preparation to Accommodate the 6th Edition of GANP/ASBU</u></p> <ul style="list-style-type: none"> Analyze the changes made onto Block 0 (by ASBU TF; Target Date: June 31, 2020) Recommend the solution(s) to address changes of Block 0 (by ASBU TF; Target Date: September 30, 2020) Analyze the Block 1 (by ASBU TF; Target Date: June 31, 2020) 	Promote the formulation of a measurement strategy and identify the regional performance metrics.	Regional performance metrics
<p>Status/Remarks: None</p>			

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	<p><u>Support RPBANIP</u></p> <ul style="list-style-type: none"> 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. Review and comment on the draft revised RPBANIP (by NACC RO and TF; Target Date: upon request) 	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 ASBU TF provided the support to design the structure of revised RPBANIP and the state ANP template in a way that they logically feed the information back and forth. The State ANPs will reflect guidance from the RPBANIP while the RPBANIP will reflect the needs described in the State ANPs. The RPBANIP draft meeting took place in May 15 and 16, 2018 at the NACC RO in Mexico City, Mexico.		
3.2	Update NACC ASBU Handbook and Other Support Materials <ul style="list-style-type: none"> Update the NACC ASBU Handbook (by ASBU TF; Target Date: After the 2019 version of GANP/ASBU is released.) 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.) 	Provide materials for States and stakeholders and the aviation community to understand the ASBU.	NACC ASBU Handbook and other support materials
	Status/Remarks: None		
3.3	Provide ANI/WG ASBU Website <ul style="list-style-type: none"> 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 ANI/WG 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 <ul style="list-style-type: none"> 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 meeting is biannual and the next meeting (ANI/WG/4) is scheduled for August 20-24, 2018 in Miami, Florida.		



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

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

Updated: August 23, 2018

States	Member	E Mail	Remarks
 Antigua & Barbuda	(P) Shenneth Phillips (S) Lorraine Davis	Shenneth.Phillips@ab.gov.ag Lorraine.Davis@ab.gov.ag	Verified - 08/23/2018.
 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 1 st WS.
 Belize	(P) Gilberto Orlando Torres (S) Marco Castellanos	gilberto.torres@civilaviation.gov.bz mikecharlie68@gmail.com	Verified at the 2 nd WS.
 Canada	(P) Carole Stuart Green (S)		Need verification. Email sent
 Costa Rica	(P) Carlos Bolanos (S) Fernando Zeledón	cbolanos@dgac.go.cr fzeledon@dgac.go.cr	Verified - 08/16/2018.
 Cuba	(P) Iván González Valdés (S) Carlos Jimenez Guerra	ivan.gonzalez@iacc.avianet.cu carlosm.jimenez@iacc.avianet.cu	Verified - 08/22/2018.
 Dominican Republic	(P) Julio Mejia (S) Francisco Bolivar León	jmejia@idac.gov.do bleon@idac.gov.do	Verified - 08/22/2018.
 El Salvador	(P) Rolando Hernandez (S) Danilo Ramirez (S) Marco Henríquez	rhernandez@aac.gob.sv Danilo.ramirez@aac.gob.sv mhenriquez@aac.gob.sv	Need verificationnn unnnnnn n. 2 nd WS participants. Emailed.
 Grenada	(P) (S)		Need PoC
 Guatemala	(P) Mynor Xoy Chiquin (S) Silvia Jeaneth Herrera	mynor.xoy@dgac.gob.gt jeaneth.herrera@dgac.gob.gt	Verified at the 2 nd WS.
 Haiti	(P) Jacques Boursiquot (S) Mario Eric Legagneur	jacques.boursiquot@ofnac.gouv.ht legagneur@hotmail.com	Verified - 08/22/2018.
 Honduras	(P) Heriberto Sierra (S) Yalena Bonilla (S) Eric Martinez	hsierra@ahac.gov.hn ybonilla@ahac.gov.hn emartinez@ahac.gov.hn	Verified - 08/15/2018.
 Jamaica	(P) Orville Shaw (S) Christopher Chambers	Orville.Show@jcaa.gov.jm	Verified - 08/22/2018. Verify (S).
 Mexico	(P) José I. Gil Jimenez (S) Martin García Hernández	jgiljim@sct.gob.mx mgarcher@sct.gob.mx	Verified at the 1 st WS.
 Nicaragua	(P) Hugo Cano (S) Luis Mahamud	osuprad@inac.gob.ni ona@inac.gob.ni	Verify. 2 nd WS participants. Mailed
 Saint Kitts & Nevis	(P) (S)		Need PoC
 Saint Lucia	(P) Lynden Leonce (S) Amy Charles	Lynden.Leonce@slaspa.com Amy.Charles@slaspa.com	Verified in 2017.
 Saint Vincent & the Grenadines	(P) (S)		Need PoC
 Trinidad and Tobago	(P) Robert Rooplal (S) Veronica Ramdath (S) Riaaz Mohammed	RRooplal@caa.gov.tt VRamdath@caa.gov.tt RMohammed@caa.gov.tt	Verified - 08/22/2018.
 United States	(P) Midori Tanino (S) Leah Moebius	Midori.Tanino@faa.gov Leah.Moebius@faa.gov	Verified.
Territories with ANP			

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	Curacao	(P) Inberto Vos (S) Michael Celestjin	l.vos@dc-ansp.org michael.celestijn@gobiernu.cw	Verified at the 1 st WS.
Territories - Participation				
	Aruba			Participate via Curacao
	Bonaire			Participate via Curacao
Organization with ANP				
	COCESNA	(P) Pablo Luna (S) Cesar Nunez	Pablo.Luna@cocesna.org Cesar.Nunez@cocesna.org	Verified at the 1 st WS.
Organization - Participation				
	CANSO	(P) Javier Vanegas	Javier.Vanegas@canso.org	Verified - 08/22/2018.
	IATA	(P) Marco Vidal Macchiavello	vidalm@iata.org	Verified - 08/22/2018.

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