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Международная  
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منظمة الطيران  
المدني الدولي

国际民用  
航空组织

Ref.: LN3/24.1 – SA6963

Lima, 9 March 2023

To: Mr. Yves Tatibouet, Regional Director of Civil Aviation Authority (DSAC), French Antilles and French Guiana  
Mr. Philippe Versi, Regional Director, West Indies and French Guiana  
Lt. Col. Egbert Field, Director General, Guyana Civil Aviation Authority  
H.E. Albert Egbert Jubithana BBA, Minister of Transport, Communication and Tourism, Suriname

Subject: **RLA/06/901 - Assistance for the implementation of a regional ATM system considering the ATM operational concept and the corresponding CNS technology support**  
Twenty-Ninth Workshop/Meeting of the SAM Implementation Group (SAM/IG/29)  
(Lima, Peru, 15 to 19 May 2023)

Required  
Actions:

- Register participants and delegates no later than 5 May 2023
- Send Working Paper and/or Information Papers no later than 2 May 2023.
- Facilitate the participation of the Director of Air Navigation Services or the officer responsible for said services.

Dear Sir/Madam:

I wish to refer to the program of activities of the Regional Project RLA/06/901 and invite you to participate in the Twenty-Ninth Workshop/Meeting of the Implementation Group of the South American Region (SAM/IG/29) to be held at ICAO premises in Lima, Peru, from 15 to 19 May 2023 with the objective to continue and monitor the technical activities related to the implementation of the Regional Air Navigation Plan, as well as the ATM/CNS regional initiatives.

During this event, the work and deliverables developed by the technical study groups of GESEA and GT INTEROP will be presented. For a more detailed analysis of the items to be discussed, the provisional Agenda with its explanatory notes and tentative work program is included (**Attachment A**) as well as the Mnemotecnica Paper (**Attachment B**).

To guide the discussions of the Workshop/Meeting, working paper on agenda items must be submitted. At the same time, it is essential that each participating State submit an **Information Paper** summarizing the progress made for each of the Conclusions indicated in Appendix 1A, of the SAM/IG/28 Workshop/Meeting, which is available in Word format at the following link;

<https://www.icao.int/SAM/Pages/MeetingsDocumentation.aspx?m=2022-RLA06901-SAMIG28>

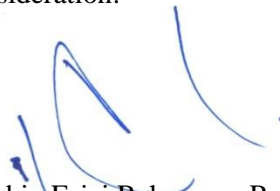
The aforementioned Papers must be sent in the original language no later than **2 May, 2023**, to allow the translation and publication of the document on the event website. After that date, the Papers must appear in Spanish and English, unless the originator of the paper decides to keep only the original language.

Please consider that the event will be held in Spanish, with simultaneous interpretation services into English only in case confirmations of participation from delegates from English-speaking States are received until **5 May 2023**. The opening session will be held on **15<sup>th</sup> May 2023 at 08:30 Lima time (13:30 UTC)**.

Therefore, I am pleased to invite your Administration to designate the specialist(s) who will participate in this Workshop/Meeting, submitting the corresponding registration form (**Attachment C**) duly completed for each participant, by email ([icaosam@icao.int](mailto:icaosam@icao.int)) no later than **5 May 2023**.

For any questions about the event, the CNS Officer Francisco Almeida ([falmeida@icao.int](mailto:falmeida@icao.int)) and/or the ATM/SAR Officer Fernando Hermoza ([fhermoza@icao.int](mailto:fhermoza@icao.int)) are at your disposal at this Regional Office.

Accept, Sir/Madam, the assurance of my highest consideration.



Fabio Faizi Rahmemay Rabbani  
Regional Director  
ICAO South American Office  
Lima

**Attachment**  
*As indicated*

cc: Mr. Patrick Pezzeta, Deputy Director, Antilles-Guyane, French Antilles  
Mr. Alain Kerhascoet, Head of French Guiana Air Control Centre Cayenne-Félix Eboué Airport, Head of the Aircraft Search and Rescue RCC  
Mr. Frederic Danlouox, Adjoint au Chef du SNA, Martinique, French Antilles-Guyane  
Mr. Damien Cazé, Director General of Civil Aviation, France  
Mrs. Estrea Noordzee, Permanent Secretary, Directorate of Transport, Suriname  
Mrs. Cindy Toemin, Acting Head of Civil Aviation Department, Suriname  
Mr. Brian de Souza, Director a.i, Civil Aviation Safety Authority Suriname, CASAS, Suriname  
Mr. Marcus Doller, Air Safety Support Intl. (ASSI), United Kingdom  
Mr. Bruce D'Ancey, Policy Specialist, Flight Ops, Air Safety Support International (ASSI), United Kingdom  
ICAO EUR/NAT (*For retransmission to DGAC France*)



## ATTACHMENT A



### REGIONAL PROJECT RLA/06/901 TWENTY-NINTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/29)

(Lima, Peru, 15 to 19 May 2023)

#### PROVISIONAL AGENDA

##### Agenda

###### Item 1:

ANS context (ATM/CNS) Global and Regional level.

- a) Global Air Navigation Plan and Elaboration of Vol. III of the ANP CAR/SAM
- b) Review of the status of conclusions.

##### Agenda

###### Item 2:

Report of activities of the GESEA and Subgroups

- a) Review of air navigation priorities in the ATM field
- b) ATM implementation. Progress of the Subgroups.
- c) Proposed Conclusions
- d) Review of the 2023 Work Plan

##### Agenda

###### Item 3:

Report of activities and deliverables of the GT - Interop and Subgroups

- a) Review of air navigation priorities in the CNS field.
- b) CNS Implementation. Progress of the Subgroups.
- c) Proposed Conclusions
- d) Review of the 2023 Work Plan

##### Agenda

###### Item 4:

SAM/IG Conclusions and next actions - Plenary

- a) Summary of Sessions
- b) Review and approval of Conclusions

##### Agenda

###### Item 5:

Other Business

## EXPLANATORY NOTES

### **Agenda**

#### **Item 1: ANS context (ATM/CNS) Global and Regional level.**

- a) Global Air Navigation Plan and Elaboration of Vol. III of the ANP CAR/SAM
- b) Review of the status of conclusions.

The Meeting will carry out a review of the Global and Regional context. Progress will be reported in the preparation of Vol. III of the CAR/SAM e-ANP, as well as the results of the Meetings of the GREPECAS Program and Project Review Committee - CRPP. The status of the conclusions of the previous SAM/IG Meetings will be reviewed.

### **Agenda**

#### **Item 2: Report of activities of the GESEA and Subgroups**

- a) Review of air navigation priorities in the ATM field
- b) ATM implementation. Progress of the Subgroups.
- c) Proposed Conclusions
- d) Review of the 2023 Work Plan

Under this agenda item, a follow-up to the PBN implementation/optimization, implementation/optimization of air space and implementation/optimization of ATFM will be made. Likewise, Subgroup 1 "Airspace Planning" Subgroup 2 "PANS-OPS" and Subgroup 3 "ATFM" will present the progress of the activities resulting from their Virtual Meetings and the deliverables of the designated Working Groups (TF). At the same time, the GESEA Work Plan for 2023 will be prepared based on the regional priorities identified.

### **Agenda**

#### **Item 3: Report of activities and deliverables of the GT - Interop and Subgroups**

- a) Review of air navigation priorities in the CNS field
- b) CNS Implementation. Progress of the Subgroups.
- c) Proposed Conclusions
- d) Review of the 2023 Work Plan

Under this agenda item, the implementation of the systems that support air navigation services will be monitored. Likewise, the activated Subgroups of the Interoperability Task Force (GT Interop) will present the progress and deliverables of the ATM/AIDC, ATM/FPL, CNS/AMHS, CNS/SUR and MET/IWXXM Subgroups. Also, the work carried out by the recently activated CNS/ANP Subgroup will be presented, in the revision of the information contained in Part III (CNS) of Volume II of the CAR/SAM ANP. At the same time, the 2023 Work Plan of the Interop WG will be reviewed, based on the identified priorities.

**Agenda**

**Item 4: SAM/IG Conclusions and Next Actions - Plenary**

- a) Summary of Sessions
- b) Review and approval of Conclusions

It will be developed in a plenary meeting mode. The Secretary will present a brief summary of the analysis and deliberations carried out by the GESEA and GT - Interop Groups, including the progress of their activities and elaborated deliverables. The Meeting will analyze and adopt the proposals for Conclusions formulated by the Groups, as well as the Conclusions that the plenary may decide to formulate. The adjustments to the Work Plans for the year 2023 will be adopted.

**Agenda**

**Item 5 Other Business**

Under this matter, the Meeting may review other related topics that have not been discussed in the preceding issues on the Agenda.



**REGIONAL PROJECT RLA/06/901  
TWENTY-NINTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP  
(SAM/IG/29)**



**TENTATIVE WORK PROGRAMME**

<b>HOURS (Lima)</b>	<b>Monday 15 May</b>	<b>HOURS (Lima)</b>	<b>Tuesday 16 May</b>	<b>Wednesday 17 May</b>	<b>Thursday 18 May</b>	<b>Friday 19 May</b>
0800 0830	Registration of participants	0830 0930	Agenda Item 2	Agenda Item2	Agenda Item3	<b>Plenary Session</b>  Agenda Item 4
0830 0850	Opening Session					
0850 0940	Agenda Item 1					
0940 1000	<i>Break</i>	0930 0950	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
1000 1200	Agenda Item 1	0950 1200	Agenda Item 2	Agenda Item 3	Agenda Item 3	Agenda Item 4
1200 1300	<i>Break</i>	1200 1300		<i>Break</i>	<i>Break</i>	<i>Break</i>
1300 1500	Agenda Item 1	1300 1500	Agenda Item 2	Agenda Item 3	Agenda Item 3	Agenda Item 5



## ATTACHMENT B



### ICAO SOUTH AMERICAN REGIONAL OFFICE

#### MNEMOTECNIC NOTE PAPER – ALL AREAS 05

<b>Twenty Ninth Workshop/Meeting of the ICAO SAM Implementation Group (SAM/IG/29) (Lima, Peru, 15 to 19 May 2023)</b>	
<b>Regional Project RLA/06/901 - Assistance for the implementation of a regional ATM system based on the ATM operational concept and the corresponding technological support for communications, navigation, and surveillance (CNS)</b>	<p>The aim of RLA/06/901 Project is to develop and implement Global Air Navigation Plan (GANP) initiatives in the SAM Region, leading towards the transition to air traffic management and an air navigation system based on infrastructure and ground systems, towards a performance-based PBN air navigation, within an interoperable environment.</p> <p>ICAO Strategic Objectives:</p> <ul style="list-style-type: none"> <li>A- Safety; and</li> <li>B- Air Navigation Capacity and Efficiency.</li> </ul>
<b>Objective of the meeting</b>	<p>Planning and implementation meeting. Necessary to continue and supervise the implementation of the Regional Air Navigation Plan within the GANP ASBU, as well as the regional ATM/CNS initiatives.</p>
<b>Activities held by the SAM Region</b>	<ul style="list-style-type: none"> <li>• 2008-2022 SAM/IG meetings.</li> <li>• 2010-2020 ATS/RO meetings</li> <li>• 2013-2020 PBN/PANS OPS workshops/meetings</li> <li>• 2019-2022 GESEA Meetings</li> <li>• 2019-2022 GT Interop Meetings</li> </ul>
<b>Current situation of the SAM Region</b>	<p>The SAM Region has been implementing improvements in ATM, with the implementation of PBN in en-route departure and approach segments, within the framework of airspace optimization initiatives.</p> <p>To manage demand/capacity imbalances in airspace and airports, the ATFM service is developed and generated for the management of data and indicators. Regarding CNS support technologies, the development of the regional ATN, the interconnection of ATS facilities with AIDC, and the establishment of regional and interregional AMHS interconnections are promoted. Likewise, the feasibility of using ADS-B for ATS surveillance is being studied.</p>

<b>Meeting nature</b>	This event is carried out every six months and is aimed for SAM air navigation services planners (AGA, AIM, ATFM, ATM/SAR, CNS and MET) from States of the SAM Region, representatives from civil aviation related organizations, and representatives of the aeronautical industry.
<b>Competences / Benefits to be generated by this meeting</b>	The event enables the analysis, as well as the communication and coordination among State representatives and the industry, for the taking of collaborative decisions with regard to the planning and implementation of ATM/CNS improvements for the development of regional and interregional PBN.
<b>Participants' profile</b>	<ul style="list-style-type: none"> <li>○ Director of air navigation services or official responsible for said services.</li> <li>○ Manager/Chief of ATM and/or CNS area, ANSP provider and/or CAA regulation, empowered with decision-taking by the State.</li> <li>○ Chief/Specialist in ATM planning and implementation, including the ATS, ASM, ATFM fields.</li> <li>○ Chief/Specialist in CNS planning and implementation.</li> <li>○ Airline and airspace user representatives.</li> <li>○ ATM/CNS systems manufacturers.</li> </ul>
<b>Next steps for the development of the strategy</b>	<p>In accordance with regional strategy terms, the main initiatives under development are:</p> <ol style="list-style-type: none"> <li>1) Optimization of the SAM airspace: PBN implementation in TMA and Approach segments, FRTO implementation, reduction of the en-route longitudinal separation, optimization of the routes network for RNAV-5 implementation, and ATS contingency plans.</li> <li>2) ATFM implementation: ATFM CONOPS, OPSAM ATFM, ATFM Implementation Guide, national initiatives and regional plans.</li> <li>3) Implementation of CNS improvements: Regional and State ATN implementation (Project D1), AMHS and AIDC interconnection establishment (Project D2).</li> <li>4) Feasibility study for the convenience in implementing a regional satellite-based ADS-B.</li> </ol>
<b>Contact person in the SAM Office</b>	<p>Mr. Fernando Hermoza ATM/SAR Regional Officer ICAO SAM Office <a href="mailto:fhermoza@icao.int">fhermoza@icao.int</a></p> <p>Mr. Francisco Almeida da Silva CNS Regional Officer ICAO SAM Office <a href="mailto:falmeida@icao.int">falmeida@icao.int</a></p>