



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organización
de Aviación Civil
Internacional

Международная
организация
гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref.: LN3/24.1 – SA6196

Lima, 19 April 2022

To: Mr. M. Thierry Buttin, Regional Director of Civil Aviation Authority (DSAC)
for French Antilles and French Guiana
Mr. Philippe Versi, Regional Director, West Indies and French Guiana
Lt. Col. Egbert Field, Guyana Civil Aviation Authority
Mr. Albert E. Jubithana BBA, Minister of Transport Communication and Tourism, Suriname
Mr. Javier Vanegas, Director Latin America and Caribbean Affairs, CANSO
Eleonora Italia, International Cooperation Officer and EU LAC APP Project manager, EASA
Ms. Ashlei Nadler, Principal Staff Officer, FAA
Mr. Peter Cerda, Regional Vice-president for The Americas, IATA

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-Seventh Workshop/Meeting of the SAM Implementation Group (SAM/IG/27)
(Virtual, May 31th to June 3rd, 2022)

Required
Actions:

- a) Register participants and delegates as soon as possible.
- b) Send Information Papers no later than May 13th 2022.
- c) 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-Seventh Workshop/Meeting of the Implementation Group of the South American Region (SAM/IG/27) to be held virtually from May 31th to June 3rd, 2021 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.

Likewise, 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 Mnemotecnic Paper (**Attachment B**).

To guide the discussions of the Workshop/Meeting, it is very important 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/26 Workshop/Meeting Report (Virtual, September 20 to 23, 2021), which is available at the following link;

https://www.icao.int/SAM/Documents/2021-RLA06901-SAMIG26/SAMIG26_InformeFinal.pdf

The aforementioned Information Papers must be sent in the original language no later than May 13, 2022, to allow the translation and publication of the document on the event website. After that date, the Information Papers must appear in Spanish and English, unless the State decides to keep only the original language.

Likewise, considering that the virtual format requires very detailed time planning, if your Administration wishes to present a **Working Paper** on agenda items, we would appreciate it if you could contact CNS Officer Francisco Almeida (falmeida@icao.int) and/or ATM/SAR Officer Fernando Hermoza (fhermoza@icao.int), who are at your disposal at this Regional Office.

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 May 18th, 2021.

The Meeting's agenda foresees that deliberations on CNS and ATM matters will take place over three days, and that the validation and approval of the conclusions will take place in a plenary session on the fourth day. Consequently, for the fourth day of the meeting, June 3, 2022, the participation of the Director of air navigation services or the official responsible for said services in its administration is considered of utmost importance.

To register for this event, delegates can enter the following link:

<https://icao.zoom.us/meeting/register/tJMpf-qorT0vGNYrwU3IgGyLQsKtDxkfbGn3>

After registration, which is important to be done as soon as possible, you will receive a message with the link to join the meeting. For the days of the event, I would appreciate entering 10 minutes before the time to verify that there are no technical problems.

Additionally, we appreciate that you confirm your participation by sending the names, position and e-mail of the representatives of your administration to mrodriguezp@icao.int and/or dduenas@icao.int as soon as possible.

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

The image shows a handwritten signature in black ink over a blue circular logo. The logo features a globe with wings and the text 'OACI - ICAO' at the top and 'ORGANISATION DE L'AVIATION CIVILE INTERNATIONALE' around the bottom. The signature is written in a cursive style.

Fabio Faizi Rahnemay 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. Jean-Jacques Deschamps, Directeur Adjoint, ANSP Martinique, French Antilles-Guyane
Mr. Damien Cazé, Director General of Civil Aviation, France
Mrs. Estrella Noordzee, Permanent Secretary, Directorate of Transport, Suriname
Ms. Constance Karijodino, Director 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*)
Mr. Germán Meyer, Technical Coordinator for International Development Projects, EASA
Mr. Raul G. Chong, Americas/ICAO Team, South, Central America and Mexico, ATO International Office, FAA
Mr. José Antonio Ruiz, Regional Director Operations, Safety & Security The Americas AMERICAS-Regional Operations, Safety and Security, IATA
Mr. Julio De Souza Pereira, Assistant Director, Safety & Flight Operations, Brazil, IATA



ATTACHMENT A



REGIONAL PROJECT RLA/06/901 TWENTY-SEVENTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/27)

(Virtual, 31 May to 3 June 2022)

PROVISIONAL AGENDA

Agenda

- Item 1: ANS context (ATM/CNS) Global and Regional level.
- a) 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 2022 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 2022 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) 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 2022 Work Plan

Under this agenda item, a follow-up will be made to the PBN implementation/optimization, implementation/optimization of air space and implementation/optimization of ATFM. 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 2022 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 2022 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 2022 Work Plan of the Interop WG will be reviewed, based on the identified priorities.

Agenda

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

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 2022 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-SEVENTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP
(SAM/IG/27)**



TENTATIVE WORK PROGRAMME

HOURS (Lima)	Tuesday May 31	HOURS (Lima)	Wednesday June 1	Thursday June 2	Friday June 3
0750 0800	Registration of participants				
0800 0810	Opening Session	0800 0925	Agenda Item2	Agenda Item3	Plenary Session Agenda Item 4
0810 0925	Agenda Item 1				
0925 0940	<i>Break 15 min</i>	0925 0940	<i>Break 15 min</i>	<i>Break 15 min</i>	<i>Break 15 min</i>
0940 1100	Agenda Item 1	0940 1100	Agenda Item 2	Agenda Item 3	Agenda Item 4
1100 1150	<i>Break 50 min</i>	1100 1150	<i>Break 50 min</i>	<i>Break 50 min</i>	<i>Break 50 min</i>
1150 1330	Agenda Item 2	1150 1330	Agenda Item 3	Agenda Item 3	Agenda Item 5



ATTACHMENT B



ICAO SOUTH AMERICAN REGIONAL OFFICE

MNEMOTECNIC NOTE PAPER – ALL AREAS 05

Twenty Seventh Workshop/Meeting of the ICAO SAM Implementation Group (SAM/IG/27) (Virtual, 31st May to 3rd June 2022)	
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)	<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"> A- Safety; and B- Air Navigation Capacity and Efficiency.
Objective of the meeting	<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>
Activities held by the SAM Region	<ul style="list-style-type: none"> • 2008-2020 SAM/IG meetings. • 2010-2020 ATS/RO meetings • 2013-2020 PBN/PANS OPS workshops/meetings • 2019-2022 GESEA Meetings • 2019-2022 GT Interop Meetings
Current situation of the SAM Region	<p>The SAM Region has been implementing ATM improvements, with the implementation of PBN in en-route and approach departure segments, significantly, the implementation of CCO and CDO methods.</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 GBAS for approach procedures and ADS-B for ATS surveillance is being studied.</p>

<p>Meeting nature</p>	<p>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.</p>
<p>Competences / Benefits to be generated by this meeting</p>	<p>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.</p>
<p>Participants' profile</p>	<ul style="list-style-type: none"> ○ Manager/Chief of ATM and/or CNS area, ANSP provider and/or CAA regulation, empowered with decision-taking by the State. ○ Chief/Specialist in ATM planning and implementation, including the ATS, ASM, ATFM fields. ○ Chief/Specialist in CNS planning and implementation. ○ Airline and airspace user representatives. ○ ATM/CNS systems manufacturers.
<p>Next steps for the development of the strategy</p>	<p>In accordance with regional strategy terms, the main initiatives under development are:</p> <ol style="list-style-type: none"> 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. 2) ATFM implementation: ATFM CONOPS, OPSAM ATFM, national initiatives and regional plans. 3) Implementation of CNS improvements: Regional and State ATN implementation (Project D1), AMHS and AIDC interconnection establishment (Project D2). 4) Feasibility study for the convenience in implementing a regional satellite-based ADS-B.
<p>Contact person in the SAM Office</p>	<p>Mr. Fernando Hermoza ATM/SAR Regional Officer ICAO SAM Office fhermoza@icao.int</p> <p>Mr. Francisco Almeida da Silva CNS Regional Officer ICAO SAM Office falmeida@icao.int</p>