



Agenda

Item 5: Review of the 2024 Work Plan. Organization of the SAM/IG and contributing bodies

List of actions and of conclusions adopted by the Meeting and working plan for 2024

(Presented by the Secretariat)

1. ACTIONS AND FOLLOW-UP

Number	Action	Who	When	Ref. Par. (notes)
Permanent actions				
1st Permanent Action	Work with their CAA authorities to keep them informed of the progress of the implementation of the SAM/IG, and to follow up on the priorities in the ATM and CNS fields.	<ul style="list-style-type: none"> SAM/IG Delegates 	Permanent	2.5 SAM/IG/29 Report
2nd Permanent Action	Promote women's participation in all areas of SAM/IG and its support groups.	<ul style="list-style-type: none"> SAM/IG Delegates Secretariat 	Permanent	5.12 SAM/IG/29 Report
3rd Permanent Action	Observe peremptory deadlines for the submission of papers and documents for the following SAM/IG meetings to the Secretariat.	<ul style="list-style-type: none"> SAM/IG delegates Secretariat States 	Permanent	5.13 SAM/IG/29 Report
SAMIG/29 actions				
Action S29/02	Study of the new Circular 359 and determine whether it meets the needs of the Region, and according to this study, cancel, adapt or update the Regional Guide on the implementation of PBN procedures for visual runways, issued in November 2020.	<ul style="list-style-type: none"> SG2 PANS OPS - GESEA 	Report to SAM/IG/30 CONCLUDED Report to SAM/IG/31	2.47 SAM/IG/29 Report Replaced by Conclusión SAM/31/XX

Number	Action	Who	When	Ref. Par. (notes)
Action S29/03	Promote the updating of flight procedure charts in the Region, at least every 5 years according to Doc 8168 parameters. This task requires mapping the age of IAC charts (conventional and PBN) as well as planning priorities in each state.	SG2 PANS OPS - GESEA	Report to SAM/IG/30 Started	2.49 SAM/IG/29 Report (*Note: In force. It is required mapping the age of the IFP designs, as well as obstacle lifting dates)
Action S29/04	The Meeting instructed the Secretariat to explore with RLA/06/901 the feasibility of an IFPP meeting to be held at the Regional Office by 2025.	<ul style="list-style-type: none"> • Secretariat • GESEA coordination 	Report to SAM/IG/30 Started Report to SAM/IG/32	2.54 SAM/IG/29 Report CONCLUDED Lack of IFPP confirmation
Action S29/06	That runway and ATS sector capacity measurements be executed or updated, considering the recovery in demand for operations expected for this year (to 2019 levels), and recognizing that ACCs are experiencing staff reductions after the pandemic phase.	<ul style="list-style-type: none"> • SG3 ATFM - GESEA • Secretariat 	Report to SAM/IG/30 Started Report to SAM/IG	2.84 SAM/IG/29 Report
Action S29/08	On FF-ICE concept; Coordinate the execution of activities for SAM states, the first is a briefing on the progress in Brazil and secondly a table top exercise.	<ul style="list-style-type: none"> • Secretariat • SAM/IG delegates • States 	SL before 15 August 2023 Activities before SAM/IG/30 Started Report to SAM/IG/31	5.6 SAM/IG/29 Report (First activity with David Monteiro in August 2023)
Action S29/09	Study the practices of Brazil and other similar practices in the region, and monitor the mitigations implemented in the SAM states, considering that PANS OPS specialists understand the degree of impact that possible interference in onboard radio altimeters can have on the safety of an instrument flight procedure.	<ul style="list-style-type: none"> • SG2 PANS OPS - GESEA 	At SAM/IG/30 Not started Report to SAM/IG/31	5.9 SAM/IG/29 Report (Note: SG Interference)

Number	Action	Who	When	Ref. Par. (notes)
Action S29/10	<p>a) Restart the reports from the States to the SAM/IG regarding the progress in the implementation of the PBN, projects with TMAs, etc.</p> <p>b) Implement new reports on the status of LOA ATS, in order to facilitate the follow-up of the validity of these documents and generate the appropriate assistance from ICAO.</p>	<ul style="list-style-type: none"> • SAM/IG delegates • Secretariat 	<p>At SAM/IG/30</p> <p>a) Not started b) Not started</p>	<p>5.10 SAM/IG/29 Report</p> <p><i>(SAM/IG/30; it was divided in to actions a and b)</i></p>
Action S29/11	Brazil and Paraguay will make the corrections, proposed by ATECH, in the databases of the automated systems of the ACC Asunción and ACC Curitiba. After the adjustments, they will conduct the pre-operational phase tests in the second half of 2023.	<ul style="list-style-type: none"> • Brazil; and • Paraguay 	<p>Before SAM/IG/30</p> <p>Started</p> <p>Report to SAM/IG/31</p>	<p>3.5 SAM/IG/29 Report</p> <p><i>(SAM/IG/30; Began August 2023)</i></p>
Action S29/12	Brazil and Venezuela agreed to restart AIDC tests between ACC Amazonico and ACC Maiquetía, with a view to establishing an operational connection by the end of this year.	<ul style="list-style-type: none"> • Brazil; and • Venezuela 	<p>Before SAM/IG/30</p> <p>Started</p> <p>Report to SAM/IG/31</p>	<p>3.3 Report</p> <p><i>(SAM/IG/30; Began August 2023)</i></p>
Action S29/14	States should take note of the changes made to the ATM / FPL Roadmap document version 3.0 and consider adopting the recommended format for feedback messages (ACK and REJ) for flight plan originators.	<ul style="list-style-type: none"> • SAM States 	<p>As from SAM/IG/29</p> <p>Started</p> <p>Report to SAM/IG/31</p>	<p>3.17 SAM/IG/29 Report</p>
Action S29/15	An Ad-hoc group of the ATM/FPL Subgroup constituted by the States using CADAS User Agents (UA) will be formed to exchange information, share best practices and learn about the initiatives taken by each State to establish a centralized management of flight plans.	<ul style="list-style-type: none"> • Argentina • Chile • Colombia • French Guyana • Peru; and • Venezuela 	<p>Up to 30 June 2023</p> <p>Not started</p> <p>Report to SAM/IG/31</p>	<p>3.21 SAM/IG/29 Report</p>

Number	Action	Who	When	Ref. Par. (notes)
Action S29/17	The SAM States are encouraged to support the ICAO position regarding CMR-23 agenda item 1.7, as proposed to be presented by the Brazilian delegation at the CITEL Meeting (22-26 May, 2023), for allocation to the aeronautical mobile-satellite service (R) within the frequency band 117.975-137 MHz , in order to support VHF aeronautical communications in the Earth-to-space and space-to-Earth directions.	<ul style="list-style-type: none"> SAM States 	<p>At the preparatory meetings and during WRC-23</p> <p>Started</p>	<p>3.47 SAM/IG/29 Report</p> <p><i>(in progress CMR-23 will be carried out in Nov 2023)</i></p>
Action S29/18	Chile and Peru must coordinate the exchange of surveillance data, establishing the necessary agreement documents, so that all internal instances are aware of the commitments assumed and promptly collaborate to establish the technical means for the exchange of aeronautical surveillance data.	<ul style="list-style-type: none"> Chile; and Peru 	<p>Before 31 May 2023</p> <p>Started</p>	<p>3.51 SAM/IG/29 Report</p> <p><i>(in progress Peru will acquire equipment to enable the exchange of surveillance data with Chile)</i></p>

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Number	Action	Who	When	Ref. Par. (Notes)
Action S30/01	Job Card Development: SG1/PLAN EA/ 02/2023. Studies and implementation of ASBU FRTO B0/1 and B1/1 Airspace Optimization.	<ul style="list-style-type: none"> SG1 PLANESPA - GESEA Secretariat SAM/IG delegates 	<p>Started</p> <p>Report SAM/IG</p>	<p>2.3 SAM/IG/30 Report</p> <p><i>(replaces S29/01)</i></p>
Action S30/02	Manage and maintain a list of focal points (POC) for each State to coordinate FRTO and DTS implementation. They must have an operational profile and be responsible for coordination with the CNS area and other concerned areas of the ANSP. POCs will also be responsible for generating	<ul style="list-style-type: none"> SG1 PLANESPA - GESEA Secretariat SAM/IG delegates 	<p>From SAM/IG/30</p> <p>Started</p>	<p>2.6 SAM/IG/30 Report</p> <p>CONCLUDED</p> <p>List completed</p>

Number	Action	Who	When	Ref. Par. (Notes)
	feedback to SG1 on the implementation.			
Action S30/03	Coordinate with the States and execute publication of UPRs and DTS processes, through agile and easily accessible means, such as repositories, applications or websites.	<ul style="list-style-type: none"> • SG1 PLANESPA - GESEA • Secretariat • SAM/IG delegates 	<p>From SAM/IG/30</p> <p>Started</p>	2.7 SAM/IG/30 Report
Action S30/04	Approve and adopt the AIP amendment model proposed by GESEA's SG1 PLANESPA. Monitor the corresponding publication in each State.	<ul style="list-style-type: none"> • SG1 PLANESPA - GESEA • Secretariat • SAM/IG delegates 	<p>1st virtual meeting, 14 Nov 2023</p> <p>Report to SAM/IG/31</p>	2.9 SAM/IG/30 Report
Action S30/05	To commission a committee of specialists to revise/edit the SAM Airspace Planning Guidance Manual, Part I and II. The Texts will be submitted for approval to SAM/IG/31.	<ul style="list-style-type: none"> • Bolivia, Brazil (rapporteur) Chile, Panama, Peru, Uruguay • IATA 	<p>1st virtual meeting, 14 November 2023</p> <p>Report to SAM/IG/31</p>	2.19 SAM/IG/30 Report CONCLUDED See Action S31/xx
Action S30/06	Entrust a committee of specialists with the revision/editing of the national FUA Manual (model), prepared by the Workshop held in Lima in June 2023. The texts will be submitted for approval by SAM/IG/31.	<ul style="list-style-type: none"> • Bolivia, Chile, Ecuador, Paraguay (rapporteur), Peru, • Suriname, Venezuela. 	<p>1st virtual meeting, 15 November 2023 1400 UTC</p> <p>Report to SAM/IG/31</p>	2.26 SAM/IG/30 Report CONCLUDED See Action S31/xx
Action S30/07	Development of Job Card: SG1/PLAN EA/ 01/2023. Regional Guidance Material for the ATM and strengthening of Contingency Plans	<ul style="list-style-type: none"> • SG1 PLANESPA - GESEA • Secretariat • SAM/IG delegates • 	<p>Started</p> <p>Report to SAM/IG</p>	2.28 SAM/IG/30 Report <i>(replaces S29/01)</i>
Action S30/08	Organize the preparation of technical documentation to update (if necessary, replace) the EC/SAM CONOPS, considering the 7th edition of the GANP (including KPA Safety) and the UTM CONOPS of the SAM Region.	<ul style="list-style-type: none"> • Secretariat 	<p>Report to SAM/IG/32</p> <p>Not started</p>	2.40 SAM/IG/30 Report

Number	Action	Who	When	Ref. Par. (Notes)
Action S30/09	Optimize processes for BRISA sessions in the context of studies for the development of the ATFM crossborder service. Consider pre-tactical, strategic, post-operational BRISA, as well as extraordinary BRISA deployments.	<ul style="list-style-type: none"> SG3 ATFM - GESEA – GT ATFM XB. 	Report progress in SAM/IG/31 and SAM/IG/32	2.65 SAM/IG/30 Report (replaces S28/09) In SAM/IG/31 coordination in SG3, GT XB and GT PAN DCB began
Action S30/10	Job Card Development: SG1/PLAN EA/ 03/2023. Implementation of an Efficiency Program for selected airports in the SAM Region.	<ul style="list-style-type: none"> SG1 PLANESPA - GESEA Secretariat SAM/IG delegates 	Not Started Report to SAM/IG	2.72 SAM/IG/30 Report (replaces S29/01)
Action S30/11	Coordinate the presentation on IATA FDX data for the SAMIG/31 Meeting.	<ul style="list-style-type: none"> IATA Secretariat 	SAM/IG/31 Not Started	5.4 SAM/IG/30 Report
Action S30/12	Activation of an ad-hoc group (GADHOC CBT - ATCO) of the SAM/IG, under the Rapporteurship of Chile and the support of Brazil and Uruguay, to work collaboratively with the States and the CIAC group on initiatives to promote performance-based training for ATCO personnel and, in progressive development, for the operational technical personnel of the ANS services. The ad-hoc group will liaise with the Secretariat and report its progress to SAMIG/31.	<ul style="list-style-type: none"> Chile (Rapporteur) Secretariat SAM States 	From SAM/IG/30 Started	5.10 SAM/IG/30 Report SAM/IG/31; Analyses the progress made during PEL and aeronautical medicine experts Panel
CNS		CNS		
Action S30/13	Activation of the CNS/VOIP Subgroup.	<ul style="list-style-type: none"> SAM States and Secretariat 	From SAM/IG/30	3.19 SAM/IG/30 Report
Action S30/14	States should take note of the changes made to the ATM/FPL Roadmap document version 3.0 and consider adopting the recommended format for feedback messages (ACK and REJ) for flight plan originators.	<ul style="list-style-type: none"> ATM/FPL Subgroup 	From SAM/IG/30	3.36 SAM/IG/30 Report
Action S30/15	Harmonization of the nomenclature to be used for SID and STAR routes.	<ul style="list-style-type: none"> ATM/FPL Subgroup 	From SAM/IG/30	3.37 SAM/IG/30 Report

Number	Action	Who	When	Ref. Par. (Notes)
Action S30/16	Review and adaptation of the ACK and REJ message format.	<ul style="list-style-type: none"> • ATM/FPL Subgroup • IATA 	From SAM/IG/30	3.38 SAM/IG/30 Report
Action S30/17	Designation of a new Rapporteur, a specialist from Peru, for the CNS/SUR Subgroup.	<ul style="list-style-type: none"> • Peru • CNS/SUR Subgroup • Secretariat 	From SAM/IG/30	3.50 SAM/IG/30 Report
Action S30/18	Preparation of a study in the CNS/SUR Subgroup, with the support of ATM experts, of the separation minima that could be used by applying the existing ADS-B avionics on board the aircraft, using the information provided in ICAO Circular 326 as a guide.	<ul style="list-style-type: none"> • CNS/SUR Subgroup 	From SAM/IG/30	3.57 SAM/IG/30 Report
Action S30/19	Coordination for an EASA Workshop/Seminar on the new European framework of ATM/ANS equipment conformity assessment.	<ul style="list-style-type: none"> • Secretariat 	During 2024	6.23 SAM/IG/30 Report

2. **NEW ACTIONS BY SAM/IG/31**

Number	Action	Who	When	Ref. Par. (Notes)
Action S31/xx	Support the proposal made by the working groups and the two PLANESPA Workshops on the Airspace Planning Manual Guide for the SAM Region, Parts I and II, to be circulated to States for final comments and feedback.	States	SAM/IG/32	WP/3.2 SAM/IG/31
Action S31/xx	That Argentina and Uruguay work collaboratively on the operational implementation of the BAIRES TMA, with a view to providing training on the new airspace for the ATCO personnel of the ACC Montevideo. Consider the feasibility of providing instruction in Montevideo by specialists from Argentina.	Uruguay and Argentina Secretariat	2024/2025	WP/3.8

Number	Action	Who	When	Ref. Par. (Notes)
Action S31/xx	GESEA's SG 1, as part of the FRTO implementation, evaluate and plan the possible use of the DASA tool developed by the Brazilian Airspace Control Department (DECEA) to manage UPR routes and airspace analysis.	SG1 PLANESPA States Secretariat	2024/2025	WP/3.4
Action S31/xx	A Letter to the States is coordinated highlighting the requirements of Doc 8168 regarding the review (redesign) at least every 5 years of instrument flight procedures, and the need to provide resources and personnel to the State's IFDS services for the proper fulfillment of their functions, which have a direct impact on operational safety.	Secretariat	2024	WP/3.5
Action S31/xx	Define an action for the Working Group in reference to item 2.18 of WP/4.3 regarding available messaging set resources to be used in coordination to reduce LHD reports.	Secretariat	SAM/IG/31	WP/4.3

3. **CONCLUSIONS**

CONCLUSION SAM/IG/31-xx	Application of ICAO Circular 359 and PBN Regional Guide for Visual Track	
<p>That:</p> <p>States requiring the implementation of PNP flight procedures to visual runway and/or procedures for visual maneuvers with prescribed PBN defeats:</p> <p>a) Make use, as appropriate, of the technical guidance of ICAO Circular 359 and the Regional PBN Guide of the SAM Region for visual clues for their implementations;</p> <p>b) coordinate with the State regulatory body to harmonize the aircraft/air operator certification requirements for the implementation of these procedures;</p> <p>c) Incorporate these documents into the Operational Manual of the unit and/or processes of its IFPD services; and</p> <p>d) Arrange such training activities as may be required by the staff of flight procedure designers.</p>	<p>Expected Impact:</p> <p><input type="checkbox"/> Political/Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input checked="" type="checkbox"/> Economic</p> <p><input checked="" type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>	
<p>Why: To facilitate the harmonized use of ICAO Circular 359 and the SAM Region PBN Regional Guide</p>		
<p>When: 2024-2027</p>	<p>Status: Adopted by SAM/IG/31</p>	
<p>Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> Secretariat ICAO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others:</p>		

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CONCLUSION SAM/IG/31-xx	Implementation of SMS in ATS services and monitoring of the implementation of basic constituent elements (BBB) in air navigation services	
<p>That:</p> <p>The States promote actions by the Air Navigation Directorates/Managements/Headquarters, in coordination with the bodies responsible for the Operational Safety Program (SSP), with a view to:</p> <p>a) Strengthen and complete the implementation of the SMS in the ATS;</p> <p>b) Monitoring the status of the BBBs in terms of the effective implementation of critical elements 6, 7 and 8, according to the questionnaire* available on the GANP portal;</p> <p>c) Support, if necessary, the development of the State's Corrective Action Plan, derived from USOAP Audits; and</p> <p>d) Support the activities of the Continuous Improvement Programme, when received by the States, as stipulated at the RAAC/17 meeting.</p> <p>* https://www4.icao.int/ganportal/BBBsUSOAPPQs</p>	<p>Expected Impact:</p> <p><input type="checkbox"/> Political/Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input checked="" type="checkbox"/> Economic</p> <p><input checked="" type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>	
<p>Why: To ensure the appropriate safety framework in the field of air navigation implementations, aligned with global, regional and national air navigation plans,</p>		
<p>When: Present progress to SAM/IG/34</p>	<p>Status: Adopted by SAM/IG/31</p>	
<p>Who: <input checked="" type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> Secretariat ICAO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others</p>		

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CONCLUSION SAM/IG/31-xx		Implementation of the FUA Concept and Adoption of the National FUA Manual (model).	
That: The States, through the appropriate regulatory harmonization, adopt; a) The recommended Action Plan for the management of the implementation of the concept of flexible use of airspace (FUA) contained in Appendix XX of the SAM/IG/31 Meeting Report; and b) The Manual (Model) on Flexible Use of Airspace (FUA), included in Appendix XX of the SAM/IG/31 Meeting Report.		Expected Impact: <input type="checkbox"/> Political/Global <input type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input checked="" type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational	
Why: To implement the FUA in such a way as to enable the development of the FRTO within the framework of the NEOSPACE project of GREPECAS.			
When: Present progress to SAM/IG/34		Status: Adopted by SAM/IG/31	
Who: <input checked="" type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> Secretariat ICAO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others			

4. **WORK PLAN**

GESEA

Activities	Objetives / Deliverables	Tentative dates
SAM/IG/32 Priorities for the implementation of air navigation considered in GREPICAS programs, vol III Regional ANP and Regional initiatives.	Continue with the implementation, execution and optimization activities under the studies of GESEA and GT Interop. (5 days)	Lima, 21 to 25 October 2024

Activities	Objetives / Deliverables	Tentative dates
GESEA Plenary Meeting/7	<ul style="list-style-type: none"> • Organization of the implementation of efficiency and capacity initiatives. 2023 Subgroup Deliverables • Review and adjustments of the PTA for Subgroups SG1 – SG2 – SG3 and respective Task Groups. • follow up. 	Virtual, 05 to 08 March
FRTO & SAM Airspace Optimization Webinar	<ul style="list-style-type: none"> • Dissemination and studies on the regional guide material on the implementation of the FRTO module, and DTS and UPR concepts. 	Virtual, March 13-15
Workshop ATFM	ATFM service training, in accordance with ICAO Doc. 9971. Divided into Virtual Classroom Phase and Face-to-Face Phase.	Virtual Classroom (01 to 05 April) and face-to-face, Rio de Janeiro, Brazil April 8-19
Recurrent PANS OPS – PBN Course	Recurring PANS OPS course for designers with PBN design experience.	Lima Peru, 08 to 13 April (MON-SAT)
Workshop/Meeting of the Working Group on ATFM Crossborder SAM (WG XB)	Planning of the implementation of the Cross-border ATFM, according to the SAM Implementation Guide, based on intra-regional scenarios. Analysis of WG XB deliverables.	Buenos Aires, 6 to 10 May
SAM/IG/31 Priorities for the implementation of air navigation considered in GREPICAS programs, vol III Regional ANP and Regional initiatives.	Continue with the implementation, execution and optimization activities under the studies of GESEA and GT Interop. (5 days)	Lima, 20 to 24 May 2024
Workshop on the use of ATFM portal tools	Training of ATFM specialists in the use of the portal's features and tools for ATFM management. Implementation analysis.	Lima, Peru, 3 - 7 June
Third ATFM Workshop: data management and calculation of GANP performance indicators.	<ul style="list-style-type: none"> • Standardization of ATFM data. • Demand analysis – capacity and forecasts. Benchmarking. Generation of GANP performance indicators. 	Virtual, 8 to 11 July 1330 – 16 30 UTC KPI and VOL III groups are invited
GESEA SG1 PLANESPA meeting + SAM/IG focal points	Follow-up of studies and activities for the implementation and optimisation of airspace. ATS Contingency Plans	Virtual, 17, 18, 19 July Kebach + Fernandes Junior

Activities	Objetives / Deliverables	Tentative dates
TTX PLANCONT ATS - PERU	State PERU - ANSP ATS Contingency Plan	Virtual, 24 July TO BE CONFIRMED
GESEA SG3 ATFM Meeting	Follow-up of studies and activities for the implementation and optimization of the ATFM service.	Virtual, August 14, 15, 16 RESCHEDULE
NEOSPACE NACC WG x FRTO Mexico 12 to 16 August	CAR/SAM Virtual session to coordinate ROADMAP, CONOPS. Joint Conclusion NAC WG +SAMIG	Virtual, 15 August Joint session.
GESEA SG2 PANS OPS Meeting	Follow-up of studies and PBN implementation activities and optimization of the IFPD service.	Virtual, 11, 12 13 September
SAM/IG/32 Virtual	Follow up, activities enrouting of GESEA- GT INTEROP	Virtual, 18, 19 20 September
Webinar on UTM	Dissemination and studies on CONOPS UTC. Regional regulation on RPAS UAS.	Virtual, 25 26 27 September
TTX PLANCONT ATS - ECUADOR	State ECUADOR - ANSP ATS Contingency Plan	Virtual, October 9 TO BE CONFIRMED
Recurrent PANS OPS - PBN Course	Recurring PANS OPS course for designers with PBN design experience.	Lima Peru, 21 to 25 September