



Agenda

Item 1:

Review of the status of conclusions and actions

STATUS REVIEW OF CONCLUSIONS ADOPTED BY SAM/IG MEETINGS

(Presented by the Secretariat)

SUMMARY

The purpose of this working paper is to allow the Meeting to review the status of implementation by SAM States of valid conclusions and pending activities made by the workshops/meetings of the SAM Implementation Group (SAM/IG).

Reference

- Reports of the workshops/meetings of the SAM Implementation Group (SAM/IG).
- Reports of the GESEA plenary meetings

1. Background

1.1 The workshops/meetings of the SAM Implementation Group have produced a series of agreements, which translated into conclusions showing the actions to be taken by the Implementation Group and/or by the States, as well as activities assumed by the working groups.

1.2 This working paper contains a review of valid conclusions, as well as pending activities of the workshops/meetings of the SAM Implementation Group SAM (SAM/IG).

2. Discussion

2.1 Previous SAM/IG meetings formulated conclusions and adopted a series of activities aimed at the implementation of various functions to allow the Region to evolve in a sustained manner towards the application of the global ATM concept of operations.

2.2 In addition, the review of the SAM/IG conclusions allows monitoring of the development of GESEA and GT INTEROP initiatives based on a harmonized annual work plan.

Summary of the status of implementation of tasks and conclusions

APPENDIX A

STATUS OF IMPLEMENTATION OF CONCLUSIONS AND/OR TASKS EMANATING FROM SAM/IG MEETINGS

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
1. Airspace optimisation and implementation of performance-based navigation (PBN) in the SAM Region							
	Conclusion SAM/IG/28-01 Improvements to the ATS letters of operational agreement, regarding their content, implementation, validity and subscription process That: a) SAM/IG and its contributory bodies promote studies and activities for the development of regional guidance material on criteria for the efficient and safe use of ATS LOAs, with regard to their content, implementation, validity and subscription process b) ATS service providers and/or competent ATS authorities, while implementing the recommendation of item a) above, coordinate and manage with their counterparts the review and update of inter-State ATS LOAs, if possible, once (01) a year.	Drafting of regional guidance material on the management of ATS operational agreements (ATS LOAs) Assistance and follow-up by the Secretariat for the review and updating of ATS LOAs.	- Regional guidance material on management of ATS LOAs - ATS LOAs reviewed and updated, if possible, once a year	SAM/IG/31	GESEA STATES		VALID

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Conclusion SAM/IG/32-01 Support for the harmonized project NEOSPACE-1 (version 1.0) and its supporting documents. SAM/IG and its contributing bodies: a) Align their FRTO and APTA implementation activities with the NEOSPACE-1 Project (version 1.0), and b) Support the approval of the following deliverables, by GREPECAS22: i. the CAR/SAM Guide for the Implementation of Enhanced Operations Using Enhanced Route Paths (FRTOs) (Appendix 4A), ii. General document "Harmonized Horizons: Airspace Optimization in the CAR-SAM Regions" (Appendix 4C), and iii. Airspace Optimization Program - NEOSPACE-1 Project VERSION 1.0 (Appendix 4D).	Update of Regional FRTO Action Plans and State APTA Action Plans. Monitoring of the implementation of APTA and FRTO and specific assistance to States. Coordination SAM-CAR - NAM	APTA and FRTO implementation plans executed	Period 2024-2027	STATES	RO ATM	APPROVED SAMIG32

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No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Conclusion SAM/IG/23-04: Procedure to be applied in case of radioactive clouds or accidental release of radioactive material That the civil aviation authority and/or ATS authorities, in coordination with meteorological authorities and/or meteorological watch offices, implement procedures related to the production of SIGMETs in order to: a) Ensure that their ATS/MET cooperation agreement includes the exchange of information on radioactive material in messages exchanged between ATS and MET units; b) Foresee training for ATS staff on procedures related to receiving information from the London VAAC concerning radioactive material; c) Coordinate the inclusion of the accidental release of radioactive material or the presence of radioactive clouds in their contingency plans.	Develop and sign ATS MET cooperation agreements, including information on radioactive material in messages exchanged.	ATS MET cooperation agreements signed.	SAM/IG/26	STATES	RO/ATM RO/MET	VALID
	Conclusion SAM/IG/31-02 Implementation of the FUA Concept and Adoption of the National FUA Manual (Model) States, through the corresponding regulatory harmonization, adopt; a) The recommended Action Plan for the management of the implementation of the concept of flexible use of airspace (FUA) included in Appendix 3-F of the SAMIG/31 Report; y b) The Manual (Model) on Flexible Use of Airspace (FUA), included in Appendix 3-E of the SAMIG/31 Report.	Adopt/Adapt the Action Plan to implement the FUA. Adopt/Adapt the model FUA Manual.	Action plan executed. Implementation of FUA. FUA manual implemented.	Present progress for SAM/IG/34.	STATES	RO/ATM	VALID

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Conclusion SAM/IG/32-03 Adoption of the Guide for the Preparation, Updating and Approval of Operational Letters of Agreement for Air Traffic Services (CAO ATS) a) The SAM States adopt the Guide for the development, updating and approval of Operational Letters of Agreement for Air Traffic Services (CAO ATS), as presented in Appendix 4F, and plan the progressive implementation of the CAO ATS model, as well as the procedures stipulated in this guide. b) SAM States, with a common boundary with the CAR region, drive tasks to update the CAO ATS with adjacent ACCs. The Secretary will assist in this process.	Application of the Guide for the Preparation, Updating and Approval of Operational Letters of Agreement for Air Traffic Services (CAO ATS)	Progressive review of all CAO ATS. Emphasis on CAOs with CAR Region states.	Presenting Progress for SAM/IG/33 and SAMIG/34.	STATES	RO/ATM	APPROVED SAMIG32
3. ATFM implementation							
	Conclusion SAM/IG/23-01: Implementation of ATFM measures in accordance with Doc 9971, and coordination in case of ATS contingencies That: SAM States prioritize the following for their ATS and ATFM services: a) Strengthening the functions of flow management positions (FMPs) or units (FMUs), granting them powers to coordinate and support ATS services; b) Definition of the profile and skills of ATFM staff, and delivery of initial and recurrent training programmes for that staff; c) Mandating that ATFM measures be strictly based on Doc 9971 to address situations generating capacity/demand imbalances, especially in cases of ATS capacity degradation caused by unforeseen events;	Comply with the provisions of ICAO Doc 9971 and SARPs contained in ICAO Annex 11	Support for ATFM and ATC	SAM/IG/25	STATES	RO/ATM	VALID

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	d) Establishment of instructions and H24 monitoring to ensure that ATFM measures have the least possible impact on international flights, and all ATFM measures are agreed with adjacent ATFM or ACC units; e) Mandating the correct application of the ATFM process, from ATM planning to the operational analysis and performance control phase; and f) Ruling out the use of flow control NOTAMs to deal with demand/capacity imbalances, with the only exception of the initial response that an ACC may require in the first 12 hours of an ATS contingency.						
4a FF-ICE Implementation							
	CONCLUSION SAM/IG/33-05 Approval of revision 3 of the GESEA terms of reference to address the studies and implementation work of the FF-ICE concept. The States: a) adopt revision 3 of the Terms of Reference (ToRs) of GESEA, the contributing body of SAM/IG, to address the studies and implementation work of the FF-ICE concept within the new subgroup 4 (SG4). Revision 3 ToRs are presented in Appendix 4A of Report SAM/IG/33; and b) support the activities of the SG4, appointing specialists and advisors to support the development of the work plan (WP).	a) Development of the FICE Driver of the GANP, as well as adoption of the Recommendation 3.2/2 – Transition to flight and flow information services for the cooperative environment and cessation of the ICAO Flight Plan 2012 by 2034. (b) Guarantee the constituent basic blocks (BBB) referred to in Annex 11 and the PANS ATM.	SG4 Work Plan	December 2030	STATES	Secretariat	Approved in SAM/IG/33

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No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Conclusion SAM/IG/30-03: Treatment of LHD events in ACCs, for mitigation and elimination of hotspot points That the States, through actions of the Air Navigation Directorates/Managements/Headquarters, stipulate: a) Follow-up on the results of the meetings of the GREPECAS Scrutiny Group – GTE, and follow-up on the implementation of its recommendations and conclusions; b) Reinforce the training of ATS personnel and supervisors, and review the ATS/FPL procedures and manuals of the ACC sectors involved in the generation of LHDs; c) Establish by means of LOA ATS the preliminary investigation within 48 hours of the LHD events, involving the two ACCs, in order to provide for immediate mitigation if necessary; d) Implement, with high priority, all connections of the AIDC systems in the ACCs; e) Close VHF communications and ATS surveillance coverage gaps at all air traffic transfer points between ACCs; f) and promote a culture of safety.	Follow-up to the results of the GREPECAS GTE Scrutiny Group meeting and follow-up to the implementation of its conclusions and recommendations. ATS personnel and supervisors training and review and follow-up to the implementation of its recommendations and conclusions. Training of ATS personnel and supervisors, and review of ATS/FPL procedures and manuals for the ACC sectors involved in LHD generation.	ATS LOAs implemented for the preliminary investigation within 48 hours of LHD events, involving the two ACCs, to provide for immediate mitigation if applicable. All connections of the AIDC systems in the ACCs, implemented. Full coverage of VHF communications and ATS surveillance at all air traffic transfer points between ACCs	SAM/IG/33	STATES	RO/ATM	VALID

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Conclusion SAM/IG/31-01 Implementation of SMS in ATS services and monitoring of the implementation of building blocks (BBBs) in air navigation services 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: a) Strengthen, complete and maintain the SMS in the ATS; b) Monitor the status of BBBs in terms of the effective implementation of critical elements 6 and 7 according to the questionnaire available on the GANP portal; c) Support, if applicable, the development and compliance with the State's Corrective Action Plan, derived from the USOAP Audits; and d) Support the activities of the Continuous Improvement Program (PMC), when received by the State, in accordance with the provisions of the RAAC/17 meeting.	Support SMS implementation in the ATS Monitor BBB status Support corrective action plans for USOAP	SMS of the ATS implemented in the United States BBB Implementation Reports Corrective Action Plans, Completed for USOAP	Presenting Progress for SAM/IG/34	Air Navigation Directors STATES	RO/CNS y RO/ATM	Approved in SAM/IG/31
5. Operational implementation of new automated ATM systems and integration of the existing systems							
	Conclusion SAM/IG/25-06 Approval of the ATM/FPL Roadmap and of the format for flight plan acknowledgment (ACK) and rejection (REJ) messages and associated messages That States: a) Approve the ATM/FPL Roadmap and the format for flight plan acknowledgment (ACK) and rejection (REJ) messages and associated messages; and b) Adopt the guidelines and procedures of the ATM/FPL	Adoption of the ATM/FPL Roadmap by States.	- Roadmap implemented - Mitigate the occurrence of errors and duplication /multiplicity of flight plans, also providing feedback to the originators of FPLs and associated messages.	SAM/IG/27	STATES	RO/CNS and RO/ATM Interop TF	VALID

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Roadmap.						
	Conclusion SAM/IG/21-03: Activities required in the AIDC pre-operational phase to reduce migration times to the operational phase That: SAM States currently in the AIDC pre-operational phase, in order to reduce time in this phase and migrate to the operational phase: a) operate AIDC for the period of time required to acquire the skills for its operation; b) monitor AIDC operation, recording errors made during the reporting, coordination and transfer stages; c) conduct statistical measurements based on the results of b), in order to identify the most frequent errors; d) based on the results of c), take the necessary action to mitigate errors; and e) report the results obtained in c) and d) and disseminate the lessons learned at events, teleconferences and AIDC implementation meetings of the SAM Region, so that they may serve as a reference for other AIDC implementations.	Follow-up and coordination via teleconferences and meetings	AIDC operational connection achieved	December 2019	STATES	RO/CNS and RO/ATM	VALID
	Conclusion SAM/IG/23-03: Adaptation of AMHS terminals of aeronautical meteorology users That, pursuant to the requirement to implement the exchange of OPMET messages in IWXXM GML format by 5 November, States: - a). Adapt AMHS terminals of aeronautical meteorology users so that they may transmit and receive OPMET messages in IWXXM GML format - b). Implement the necessary AMHS interconnections in order to facilitate the transmission and reception of OPMET messages in IWXXM GML format - c). If in a position to do so, conduct OPMET message exchange trials in IWXXM GML format	To comply with the provisions of Amendment 78 to ICAO Annex 3.	Conduct tests and share results	SAM/IG/26	SAM STATES	ICAO SAM OFFICE	VALID

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Conclusion SAM/IG/26-03 Revision of CNS tables of Vol. II of the CAR/SAM Air Navigation Plan and support in the drafting of Vol. III of the CAR/SAM ANP on CNS topics a) That the CNS/ANP Subgroup, activated at the SAM/IG/26 meeting, review the CNS tables contained in Vol. II of the CAR/SAM Air Navigation Plan regarding information of SAM States, and provide support in the drafting of Vol. III of the CAR/SAM ANP on CNS topics; b) The Secretariat sent a letter to SAM States for the nomination of participants in the CNS/ANP Subgroup; and c) SAM States nominate representatives in sufficient numbers to perform the tasks assigned to the CNS/ANP Subgroup.	Update the information in Vol. II of the CAR/SAM Air Navigation Plan and support the drafting of Vol. III of the CAR/SAM ANP concerning CNS planning aspects.	CAR /SAM ANP Vol. II updated, and Vol. III developed	SAM/IG/29	STATES	RO/ATM	VALID
	Conclusion SAM/IG/33-02 SAM Region Goal to Execute, no later than October 24, 2030, the implementation of ADS-B coverage and pilot-controller communications in continental airspace, at/above FL290, within common FIR limits SAM States execute, no later than 24 October 2030, the implementation of ADS-B 1090ES coverage and establish requirements for aeronautical equipment in accordance with the standard with avionics DO 260B or higher, as well as pilot-controller communications in continental airspace, at/above FL290, within common FIR limits. To comply with this implementation, States: a) Conduct studies of current ATS surveillance and pilot/controller communications coverage gaps, in applicable air flow sectors, of common FIR limits; and b) Conduct robust cost-benefit studies that consider ambitions to improve capacity, efficiency, and safety for major air flows, and formulate projects and action plans for progressive implementation.	a) Compliance with the basic constituent blocks (BBB) referred to in ICAO Annex 11 and Annex 10. b) Reduce to "zero" the LHD events in the ATS coordination. (c) To facilitate the exchange of ATS surveillance data between States.	Plan of Action of States	October 24, 2030	SAM States	Secretary IATA Industry	Approved in SAM/IG/33

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
	Conclusion SAM/IG/33-03 Project to develop a Regional CNS/ATM Reference Manual to support the implementation of improvements to air navigation Within the scope of SAM/IG, Chile, with the participation of Argentina, Brazil and Colombia: a) To form a committee to design and develop a Regional CNS/ATM Reference Manual to support the implementation of improvements to air navigation; b) Initiate the Committee's work with the formulation of a Jobcard; y c) Explore the use of an online tool and/or platform that allows the collaborative and efficient development of the Manual, optimizing resources. The Secretariat; assist the Committee with guidance on CNS/ATM technical references.	a) The Committee must submit the draft Job Card to the Secretariat no later than 2 December 2025. b) report progress for SAM/IG/34	a) The Committee must submit the draft Job Card to the Secretariat no later than 2 December 2025. b) report progress for SAM/IG/34	Report progress on SAM/IG/34	CHILE ARGENTINA BRAZIL COLOMBIA	Secretariat	Approved in SAM/IG/33
	Conclusion SAM/IG/33-04 Implementation of Digital Automated Terminal Information Services (D-ATIS) and Datalink Exit Authorization (DCL) at airports in the SAM Region. The States of the SAM Region, within the scope of their national air navigation plans and/or strategic plans of the Air Navigation Service Providers (ANSPs), plan, including a simplified cost/benefit analysis, the convenient implementation of the D-ATIS and DCL in those airports where there is an operational need or requirement.	a) Ensure operational safety in TMA airspace, and airport maneuvering areas during ATS supply. b) Mitigation of critical operational errors such as incorrect altimeter configurations and misinterpreted authorizations. c) Reduction of the workload of pilots and controllers. d) Contribution to	Action Plan	Report progress on SAM/IG/34	SAM States concerned	Secretariat	Approved in SAM/IG/33

No.	Tasks to be developed	Specific tasks	Deliverables	Completion date	Responsible party	Members supporting the task	Status of implementation
		efficiency and sustainability through smoother operations and reduction of CO2 emissions.					
6. Capacity and efficiency of Aerodromes and Ground Aids.							
	Conclusion SAM/IG/33-07 Establishment of a Group to Address Aerodrome Capacity and Efficiency and Ground Aid Issues The SAM States approve the creation of a Group to deal with the issues of capacity and efficiency of Aerodromes and Ground Aids, as part of the SAM/IG work structure, under the support of Project RLA/06/901, based on the justification and scope presented in Study Note SAM/IG/33 – NE/5.1.	Organize a specialized forum to coordinate the implementation of improvements in airport infrastructure and operations	Action plans	Report progress on SAMIG34 and SAMIG35	Secretariat	Airport managers Industry	Approved in SAM/IG/33

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APPENDIX 1 B

REVIEW AND UPDATE OF THE LIST OF ACTIONS PRIOR TO SAM/IG/34

Permanent Actions				
Number	Action	Who	When	Ref. Par.
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.	SAM/IG Delegates	<i>Permanent</i>	2.5 SAM/IG/29 Report
2nd Permanent Action	Promote women's participation in all areas of SAM/IG and its support groups.	- SAM/IG Delegates - Secretariat	<i>Permanent</i>	5.12 SAM/IG/29 Report
3rd Permanent Action	Observe <u>deadlines</u> for the submission of Notes and documents for the following SAM/IG meetings to the Secretariat.	- SAM/IG Delegates - Secretariat - States	<i>Permanent</i>	5.13 SAM/IG/29 Report

SAMIG/29 Actions

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Number	Action	Who	Cuando	Ref. Par. (Notes)	Status
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.	- SG3 ATFM - GESEA - Secretariat	Report at SAM/IG/30 Initiate Report to SAM/IG	2.84 SAM/IG/29 Report	VALID
	CNS				
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	- Brazil; and - Paraguay.	Prior to SAM/IG/30 Initiated Inform SAM/IG/31	3.5 Report SAM/IG/29 (SAM/IG/30; started August 2023)	VALID In process

Number	Action	Who	Cuando	Ref. Par. (Notes)	Status
	phase tests in the second half of 2023.			4.19 Report SAM/IG/31	
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	- Chile; and - Peru.	Initiated	3.51 Report SAM/IG/29 (In progress Peru will acquire equipment to enable the exchange of surveillance data with Chile)	DELAYED Delayed by Peru's acquisition of a Flight Data Processing System (FDPS) and/or a surveillance data presentation and filtering system (e.g. SIGILO)

Acciones SAMIG/30

Number	Action	Who	Cuando	Ref. Par. (Notes)	Estado
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.	Secretariat	Action S30/08	2.40 Report SAM/IG/30	Not Initiated
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.	SG3 ATFM - GESEA – GT ATFM XB.	Report progress on SAM/IG/31 and SAM/IG/32 Initiated	2.65 Report SAM/IG/30 (Replaces a S28/09) SAM/IG/31: Coordination initiated on SG3, WG XB and WG PLAN DCB	VALID SAM/IG/33: GADHOC BRISA REACTIVATES
CNS		CNS			
Action S30/18	Preparation of a study in the CNS/SUR Subgroup, with the support of ATM	CNS/SUR Subgroup	From SAM/IG/30	3.57 Report SAM/IG/30	VALID

Number	Action	Who	Cuando	Ref. Par. (Notes)	Estado
	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.		Initiated	4.23 Report SAM/IG/31 3.6 Report SAM/IG/32	
Action S30/19	Coordination for an EASA Workshop/Seminar on the new European framework of ATM/ANS equipment conformity assessment.	Secretariat	Not Initiated	6.23 Report SAM/IG/30 (in coordination with the new EASA representative)	NOT STARTED

SAM/IG/31 Actions

Number	Action	Who	When	Ref. Par. (notes)	Status
Action S31/02	SG 1 PLANESPA, as part of the FRTTO implementation, studies and plans 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 Secretary	2024/2025 Initiated	WP/3.4	VALID
CNS		CNS			
Action S31/06	Upgrade automated air traffic control centers, in accordance with PAN AIDC ICD v1.0 - 2014.	SAM States	Report to SAM/IG/32 SAM/IG/33 Not started		Not started
Action S31/08	Brazil and Uruguay to initiate activities to carry out the AIDC connection between ACC Curitiba and ACC Montevideo. These are ATECH and INDRA systems, respectively.	- Uruguay - Brazil - secretariat	Report to SAM/IG/32 y SAM/IG/33 Initiated	3.24 Informe SAM/IG/32	VALID Uruguay must finalize the update of its system to resume pre-operational tests

SAMIG /33 ACTIONS – INTEROP GT

Number	Action	Who	When	Ref. Par. (Notes)	Status
CNS		CNS			
Action S33/01	GT Interop will work to develop a Regional Technical Guide that consolidates and adopts technical parameters from ICAO and other applicable sources, with an applicable regulatory basis, for the installation, operation and maintenance of ADS-B facilities (not excluding SB ADS-B) for compliance with ATM operational requirements. The Guide should include a clear outline of minimum requirements for aircraft and stations, radar/MLAT interoperability criteria, use of ASTERIX CAT021 protocols, security/cybersecurity measures, certification procedures, progressive implementation guidelines, and training programs for technical and operational personnel.				Approved in SAM/IG/33
Action S33/02	GT Interop, with high priority, finalize and validate the regional ADS-B CONOPS, ensuring its alignment with the GANP, contemplating deployment phases, operational scenarios, integration with existing surveillance systems, data management criteria, and establishing mechanisms for periodic review and updating with the participation of States and industry.	GT-INTEROP/CNS-SUR/ CONOPS ADS-B Group	From June 2025 Initiated	SAM/IG/33 NO3.2	Approved in SAM/IG/33

Number	Action	Who	When	Ref. Par. (Notes)	Status
Action S33/03	Deploy VoIP links (ED-137) on at least five REDDIG III nodes and complete the regional configuration and security guide. The links should include interoperability testing and the development of a regional technical guide with configuration, QoS and security (DSCP priorities, firewalls with DPI, jitter buffers and anti-SIP/RTP attack measures).	SAM states GT-VoIP	From June 2025 Initiated	SAM/IG/33 NE/3.3	Approved in SAM/IG/33
Action S33/04	Participation of States in the initial phase of installation of 17 ADS-B stations in REDDIG nodes, contribution with data from their national stations, support for the installation of the regional server and the development of the regional KPI dashboard.	States RLA/06/901 Secretariat	From SAM/IG/33 Reporter en SAM/IG/34 Initiated	SAM/IG/33 NE/3.4	Approved in SAM/IG/33
Action S33/05	GT Interop should implement a regional GNSS resilience framework that integrates the definition of a Minimum Operational Network (MON), interference detection and reporting protocols, and inter-institutional coordination mechanisms, based on the experiences of the States and aligning the measures with the priorities of Project RLA/06/901 and the guidelines of the GANP.				Approved in SAM/IG/33
Action S33/06	GT Interop should develop the Regional Guidance Material for the planning and implementation of	GT-Interop / GESEA / SG1 States SAM	From SAM/IG/33 Reporter en SAM/IG/34	SAM/IG/33 NE/6.2	Approved in SAM/IG/33

Number	Action	Who	When	Ref. Par. (Notes)	Status
	harmonized Minimum Operational Networks (MON) in the SAM Region, based on EUROCONTROL guidelines and the experience of Brazil. The follow-up will be carried out by reporting progress in the next SAM/GI.		Initiated		
Action S33/07	To form a work team, under the coordination of Chile and with the participation of Brazil, Argentina, Colombia and Chile, to prepare a Regional Technical Reference Manual CNS/ATM. The group must submit a preliminary document before December 2025 and keep the region informed through Notes to GREPECAS.				Approved in SAM/IG/33
Action S33/08	The Secretariat requests the States of the SAM Region and Air Navigation Service Providers (ANSPs), in coordination with the Interop WG, Subgroups and IATA, to develop and present a progressive plan for the implementation of D-ATIS and DCL at selected international airports where the operational need is identified. Such plans shall include harmonized technical criteria, a simplified cost-benefit justification and the scheduling of projects, ensuring their incorporation into the Regional and National Air Navigation Plans.	Secretariat STATES ANSPs / IATA	From SAM/IG/33 Reporter en SAM/IG/34 Initiated	SAM/IG/33 NE/6.6	Approved in SAM/IG/33

ACCIONES SAM/IG/33 GESEA - ATM

Number	Action	Who	Cuando	Ref. Par. (notes)	Estado
Action S33/09	That GESEA/SG1, through the WG LOA ATAS PLAN, plan and execute the revision and amendment of the Cao Elaboration Guide, for the improvement of digital signature processes, based on the practices set forth by Brazil (SAM/IG/33 – NE/6.7). An Appendix must be included in the MCATS reflecting the agreement of each SAM State for the mutual recognition of the digital signature that is included in an ATS CAO.	SG1/GT PLAN LOA ATS	Report to GESEA 9		Approved in SAM/IG/33
Action S33/10	Secretariat to complete coordination with HQ ICAO on the 2026 event of the Regional Framework for ATM contingency management - RACF.	Secretariat	Report to GESEA 9		Approved in SAM/IG/33
Action S33/11	States that have not yet submitted the XLS for the CAR/SAM ATM/CNS dashboard, urgent attention to Letter LT 11/3.1. SA272 2025 of June 18, 2025.	States	Shorter Term		Approved in SAM/IG/33
Action S33/12	GESEA/SG1 follow DASA feasibility studies. Secretariat coordinate with NACC Mexico and CAR implementation groups, for dissemination tasks.	SG1 Secretariat	Report to GESEA 9		Approved in SAM/IG/33
Action S33/13	That the SG1/GT LOA ATS PLAN resume activities to update the MCATS and that Appendix H – Contingency for severe	SG1/GT PLAN LOA ATS Secretariat	Report to GESEA 9		Approved in SAM/IG/33

Number	Action	Who	Cuando	Ref. Par. (notes)	Estado
	weather phenomena be prepared. Information should be organized in the aforementioned Appendix to create a record of State responses to severe phenomena, and good practices. Likewise, the way to link the actions carried out by the MET Group on severe phenomena must be coordinated with the Secretariat.				
Action S33/14	SG2 PANS OPS reactivate its activities and formulate its renewed Work Plan. Keep the study of the SRVSOP up to date. Activities to promote the PANS OPS Quality Assurance in the Region. Study/Develop Regional Guides for in-flight validation activities. Analyze upcoming changes in Doc 9906. Study the implementation of the climb vectoring area (AVS).	SG2 PANS OPS Secretariat	Report to GESEA 9		Approved in SAM/IG/33
Action S33/15	Priority attention to the SA361 letter on OPSAM ATFM, demand data and ATFM Survey.	States	Letter deadline 29 August 2025		Approved in SAM/IG/33
Action S33/16	GESEA/SG3 subgroup, incorporate a calendar for the continuous review of the BRISA teleconference, including simulations. Secretariat that consolidates a set of regional criteria for the activation of the Extraordinary BRISA.	SG3/ATFM Secretariat	Report to GESEA 9		Approved in SAM/IG/33

Number	Action	Who	Cuando	Ref. Par. (notes)	Estado
	States adopt and implement the templates developed by the GADHOC BRISA (annexes to NE4.12) and promote permanent coordination between States to ensure the coherence and effectiveness of the formats in each phase (strategic, pre-tactical and contingency).				
Action S33/17	SAM/IG/33 approves Draft 1.0 of the ATFM XB Manual. The Secretariat is entrusted with the actions to study it at the ATS Pacific Meeting on September 8-12, 2025, and issue an opinion. SG3 will analyze results and coordinate appropriate improvements to circulate the deliverable for the opinion of the States.	PAN-COL-ECU-PER-CHL SG3 Secretariat	Report to GESEA 9		Approved in SAM/IG/33
Action S33/18	SG4 prepares work plan and initiate activities based on work by ATM FPL and AIDC subgroups of the Interop WG, and discussions of SAM/IG/33. It will report progress to GESEA/9 in April 2026.	SG4 IMPL/FFICE	No later than October 30, 2025		Approved in SAM/IG/33
Action S33/19	Secretary to formulate and manage a SIP with HQ ICAO. For FF-ICE trial during the week of SG4 meeting in June 2026 in Brazil. SG4 support.	Secretariat SG4 IMPL/FFICE	Report progress to GESEA February 15, 2026		Approved in SAM/IG/33
Action S33/20	Secretariat to present Brazil's NE/6.3, for attention to the GTE/25	Secretariat	Dates of the two meetings		Approved in SAM/IG/33

Number	Action	Who	Cuando	Ref. Par. (notes)	Estado
	Meeting, Rio de Janeiro, Brazil, 18-22 August 2025. Also present NE/6.3 to the ATS/ATFM Workshop/Meeting for Pacific States (ATS/ATFM/5/PAC-SAM) (Lima, Peru, September 8-12, 2025). Secretariat to disseminate the Conclusion "Participation of SAM States in the Implementation and Monitoring of the PBCS Concept in the Atlantic FIR".				
GIAGA		GIAGA			
Action S33/21	The Secretariat coordinates a kick-off meeting to formalize the group, discuss and approve the name/acronym of the Airfield Group, its Terms of Reference and its initial Work Plan.	Secretariat States	SAM/IG/34		Approved in SAM/IG/33

ACTIONS OF THE PLENARY GESEA/9

SG1 PLANESPA

2 actions (4 and 5) of SG-1 to be presented at SAM/IG/34

Action GESEA/9/1.- To coordinate with the Secretariat, SG1 PLANESPA and the GREPECAS Project B1 team (NEOSPACE) so that the initiatives for the development of SDRs and UPRs with airlines and ANSPs are reactivated, for example, the trials with DELTA airlines. Likewise, periodic meetings of the implementation teams of the CAR and SAM Region be promoted within the aforementioned project.

Action GESEA/9/2.- That SG1 PLANESPA prepares and coordinates the development of an Action Plan, no later than October 2026, to implement digital signature, in the CAO ATS of the SAM Region.

Action GESEA/9/3.- That the ICAO Secretariats in NACC and SAM coordinate an event for the dissemination of the DASA tool in Brazil with emphasis on the participation of CAR States that could not attend the 2025 Workshop. Coordinate with SG1 PLANESPA.

Action GESEA/9/4.- That the Secretariat, in coordination with SG1 PLANESPA, carry out an update of the matrix table of longitudinal aircraft separations. Next, disseminate the Table to States to facilitate communication regarding Project B1 and the 30/10 aircraft separation initiative. File in SAM/IG/34.

Action GESEA/9/5.- That the WG LOA ATS PLAN restarts the deliverables of the MCATS Regional Framework and the coordination for harmonization of these Plans, considering that the new global-regional framework (RACF) would be ready by 2028, after approval by the Assembly. Present progress in SAM/IG/34.

Action GESEA/9/6.- That SG1 PLANESPA form a GADHOC to reorganize activities to comply with Conclusion SAM/IG/31-02 (see below) on flexible use of airspace (FUA) within each State.

Conclusion SAM/IG/31-02 Implementation of the FUA Concept and Adoption of the National FUA Manual (Model) States, through the corresponding regulatory harmonization, adopt;

- a) The recommended Action Plan for Implementation Management of the concept of flexible use of airspace (FUA) included in Appendix 3-F to the SAMIG/31 Report; y*
- (b) The Manual (Model) on Flexible Airspace Use (FUA), included in Appendix 3-E of the SAMIG/31 Report.*

SG2 PANS OPS

4 actions (7 to 10) of the SG-2 to be presented at SAM/IG/34

Action GESEA/9/7.- SG2 PANS OPS develop works and studies for a SAM Regional Plan on GNSS interference mitigation and application of the MON concept in airports of interest (selected airports). Coordination should be made with the Interop WG and the SAM/IG Secretariat. Aspects of facilities and rational use of radio aids, etc., must be included. Present progress in SAM/IG/34.

Action GESEA/9/8.- SG2 PANS OPS define with the spokespersons of States, the development of a monitoring dashboard Quality Assurance PANS OPS, based on the application presented by Colombia (see PPT 17 A and 17 B of GESEA/9). Present progress in SAM/IG/34.

Action GESEA/9/9.- SG2 PANS OPS create GADHOC (HI, ET, OA, EF volunteers) to develop a SAM Regional Guide on PANS OPS Quality Aspects, based on Doc 9906. Topics to be studied: Electronic database, obstacle survey, validation, technical criteria (FAA, ICAO), software, training, criteria to rationalize flight procedures (avoid proliferation), etc. Present progress in SAM/IG/34.

Action GESEA/9/10.- SG2 PANS OPS to develop a second survey on PANS OPS resources. Flight procedure design units. Action plans and resource needs. Coordination with the Secretariat. Present results in SAMIG/34.

SG3 ATFM

2 actions (12 and 15) of the SG-3 to be presented at SAM/IG/34

Action GESEA/9/11.- SG3 - GADHOC BRISA, Analyse the possibility of joint or collaborative work with COMPASS (ex - CADENA). The Secretariat will coordinate delegates' access to COMPASS on 20 and 23 April 2026. Present results at SG3 meeting.

Action GESEA/9/12.- SG3 ATFM, GADHOC BRISA develop a model booklet for a teleconference in case extraordinary BRISA is required. Present results to SAMIG34.

Action GESEA/9/13.- SG3 ATFM Analyze ATFM regulation needs, within the framework of the amendment presented by ICAO for Annex 11 and PANS/ATM to strengthen the operation of ATFM units in the Region. Analyze the example of DGAC PERU – RAP311. Analyze LAR support – SRVSOP.

Action GESEA/9/14.- SG3 ATFM promote the ATFM – PDA daily plans. By ALL South American States. To analyze the ATFM portal tool that facilitates the elaboration and dissemination during the Portal Workshop, in Lima 11-15 May 2026.

Action GESEA/9/15.- SG3 ATFM, Define the 2026-2027 schedule for the implementation of the ATFM portal. Identify Action Plan to complete the implementation of pre-operational within 2026. Consider working with IATA and future activities to integrate airline users. Present results to SAMIG34.

SG4 FFICE

2 SG-4 actions to be presented at SAM/IG/34,

Action GESEA/9/16.- SG4 FFICE resumes the activities to support the AIDC implementation in the region. Review the monitoring matrix of the ACC-ACC Connections with the support of the ATM and CNS Secretariat. Present progress in SAM/IG/34.

Action GESEA/9/17.- SG4 FFICE and the Secretariat coordinate with the ICAO headquarters in Montreal and DECEA Brazil, the organization FF-ICE Workshop in Brazil tentatively for November 23-27, 2026. The workshop should be convened in the fortnight of August 2026. Present results to SAMIG34.

Other business

Action GESEA/9/18.- That GESEA, as well as the delegates and spokespersons of States, promote and encourage within their administrations the participation of GESEA members in the Workshop/meeting on GANP and NANP, in Lima, July 6-10, 2026, due to the need to integrate these specialists in the development of National Plans and the RANP CAR SAM Regional Plan, Vol III, and at the same time reinforce the support provided by GESEA to the SAM/IG.

[illegible]