



Agenda Item 1: Review of the status of conclusions and actions.

PROGRESS ON IMPLEMENTATION OF CONCLUSIONS SAM/IG/ BY GUYANA

(Prepared by Guyana)

SUMMARY

This paper presents a progress report on the conclusions of SAM/IG/29 by Guyana.

References:

- Final Report of the Twenty-ninth Workshop/Meeting of the SAM Implementation Group (SAM/IG/29).

1. **Background**

1.1 In reference to the Thirtieth Workshop/Meeting of the SAM Implementation Group (SAM/IG/30), Guyana presents this Information paper summarizing the progress made for each of the Conclusions indicated in Appendix 1A of the Report of the Workshop/Meeting SAM/IG/29 (Lima, 15 to 19 May 2023). See table below.

2. **Analysis**

2.1 In relation to the above, **Appendix A** is presented with the report on the status of the conclusions to be reported by State of Guyana to the meeting.

3. **Suggested actions**

3.1 The Meeting is invited to take note of the information provided in the presented document and provide comments/assistance in the areas of needed expertise (TMA airspace re-design and implementation).

— END —

APPENDIX A

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

(Updated at SAM/IG/29, May 2023)

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
1. Airspace optimisation and implementation of performance-based navigation (PBN) in the SAM Region.				
1-1 1	<p>Conclusion SAM/IG/14-6: Projects and/or action plans for PBN redesign of the main South American TMAs</p> <p>That SAM States:</p> <p>a) send the project and/or action plans for PBN redesign of the main TMA(s) selected by their Administration, in order to complete the SAM PBN Project that is contained in Appendix J to this part of the Report, to the SAM Regional Office by 31 December 2014;</p> <p>b) send the corresponding updates to the aforementioned project and/or plans to the SAM Regional Office as soon as possible, so as to ensure harmonisation of activities under the SAM PBN Project.</p>	Designation of the airspaces selected for optimisation with the implementation of PBN	<p>Indicate the selected airspace for redesign or optimisation</p> <p>Report on updates</p> <p style="text-align: center;">SAMI/IG/25</p>	<p><i>SYGC main TMA Concept designs created (PBN plan).</i></p> <p><i>1. Due to lack of certified PANS OPS experts, we were unable to implement fully.</i></p> <p><i>2. Officers of the ANSP and Regulator received training, however, formal OJT is outstanding.</i></p> <p><i>3. The services of IFPD is currently being processed to establish a contract and completion the PBN TMA in 1st Quarter of 2024.</i></p>
1-2 2	<p>Conclusion SAM/IG/21-01: Objectives of harmonised PBN implementation at regional and interregional level</p> <p>That SAM States, organisations, users, and stakeholders, double efforts to meet regional and interregional performance-based air navigation implementation goals, based on GREPECAS projects, and contemplating the strengthening of national PBN implementation plans so that they include performance indicators and the use of recognised project management tools and methods.</p>	<p>Updating of regional PBN action plans and State action plans.</p> <p>Follow-up to PBN implementation and specific assistance to States.</p>	<p>PBN implementation plans executed</p> <p style="text-align: center;">SAM/IG/26</p>	<p><i>Noted, to update Guyana's PBN and seek assistance from SAM.</i></p>

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
1-3	<p>Conclusion SAM/IG/25-04 Adoption of the Regional guide on the implementation of PBN visual runway procedures</p> <p>SAM States adopt the Regional guide on the implementation of PBN visual runway procedures developed by GESEA and, on this basis, approve national regulations on the implementation of these procedures.</p>	<p>Adopt the Regional guide on implementation of PBN procedures for visual runways</p>	<p>Publish the national regulation on implementation of PBN procedures for visual runways</p> <p>As soon as possible</p>	<p><i>Guidance Noted, Regulations under review.</i></p>
1-4	<p>Conclusion SAM/IG/27-01 Adoption of the SAM Airspace Operational Concept 2022-2026 (EC/SAM CONOPS)</p> <p>That States adopt document SAM Airspace Operational Concept 2022-2026 (EC/SAM CONOPS), prepared with the purpose of supporting the studies of ATM specialists and planners involved in the formulation of Volume III of the CAR/SAM ANP, facilitating the understanding of the methodology of Doc 9883 set forth in the GANP.</p>	<p>Adopt EC/SAM CONOPS</p>	<p>Use technical references and guidance for regional ATM and ANS planning.</p> <p>No later than October 2023</p>	<p><i>Noted.</i></p>
1-5	<p>Conclusion SAM/IG/27-02 Adoption of the 2022–2026 Roadmap: Performance-based optimisation of SAM airspace</p> <p>That States adopt the 2022–2026 Roadmap: Performance-based optimisation of SAM airspace, and align their national PBN implementation plan based on the metrics and deadlines set forth in the document</p>	<p>Adopt the performance-based optimisation roadmap</p>	<p>Use technical references and guidance for regional PBN implementation. Alignment with implementation metrics.</p> <p>No later than October 2023</p>	<p><i>Noted.</i></p>

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
1-6	<p>Conclusion SAM/IG/28-01 Improvements to the ATS letters of operational agreement, with regard to their content, implementation, validity and subscription process</p> <p>That:</p> <p>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</p> <p>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.</p>	<p>Drafting of regional guidance material on the management of ATS operational agreements (ATS LOAs)</p> <p>Assistance and follow-up by the Secretariat for the review and updating of ATS LOAs.</p>	<ul style="list-style-type: none"> • Regional guidance material on management of ATS LOAs • ATS LOAs reviewed and updated, if possible, once a year <p>SAM/IG/31</p>	<p><i>Noted. ATS LOA reviewed and updated with three Adjacent states.</i></p>
<p>2. Contingency plans and procedures</p>				

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
2-3 9	<p>CONCLUSION SAM/IG/25-01 Implementation of strategic direct routing - EDE</p> <p>SAM States analyse the guidance material prepared by GESEA SG1 on the strategic direct routing (EDE) concept, which has been made available to the administrations, and coordinate its implementation with IATA and international airlines, as well as with adjacent States.</p>	<p>Follow-up to EDE implementation</p> <p>Fuel savings analysis provided by airlines.</p>	<p>Issuance of AIC and/or SUP AIP on EDE by States</p> <p>As soon as possible</p>	<p><i>Implemented and coordinated with IATA and included in AIP.</i></p> <p><i>In addition to FPL request, ATC normally clear traffic DIRECT between WPs within SYGC.</i></p>
2-4	<p>Conclusion SAM/IG/27-03 Adoption of amendment 1 of the SAM ATS Contingency Framework Plan (MCATS / SAM) and alignment of national plans</p> <p>That States adopt the guidelines of the SAM ATS Contingency Framework Plan, incorporating Amendment 1 that includes Appendix E and Appendix I, in order to finalise and publish their national ATS contingency plans, and have that documentation available for regional events on optimisation of ATS coordination and contingency plans (SOUTH SAM and NORTH SAM), scheduled for the second half of 2022.</p>	<p>Follow-up to the harmonisation of ATS contingency plans</p>	<p>Issuance of national ATS contingency plans by States, aligned with MCATS.</p> <p>No later than 31 July 2022</p>	<p><i>Completed</i></p>

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
2-5	<p>Conclusion SAM/IG/25-03 Activities for the development of the SAM ATM/CNS contingency framework plan</p> <p>That States support GESEA activities towards a second stage of the MCATS, with a view to developing guidance material for a “SAM ATM/CNS Contingency Framework Plan”.</p>	<p>Prepare document for harmonised implementation of ATM/CNS national contingency plans, with interfaces to AIM, MET, airport services, etc. duly agreed with neighbouring States, including CAR States, if applicable.</p>	<p>SAM ATM/CNS contingency framework plan</p> <p>No later than October 2023</p>	<p><i>Noted.</i></p>
<p>3. ATFM implementation</p>				
3-1	<p>Conclusion SAM/IG/23-01: Implementation of ATFM measures in accordance with Doc 9971, and coordination in case of ATS contingencies</p> <p>That: SAM States prioritise the following for their ATS and ATFM services:</p> <p>a) Strengthening the functions of flow management positions (FMPs) or units (FMUs), granting them powers to coordinate and support ATS services;</p>	<p>Comply with the provisions of ICAO Doc 9971 and SARPs contained in ICAO Annex 11</p>	<p>Support for ATFM and ATC</p> <p>SAM/IG/25</p>	<p><i>ATFM procedures developed and available but not fully implemented due to lack of traffic demands.</i></p>

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
	<ul style="list-style-type: none"> 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; 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. 			
3-2 13	<p>Conclusion SAM/IG/26-01 Adoption of the ATFM Operations Plan (OPSAM)</p> <p>That States adopt the ATFM Operations Plan (OPSAM) and provide for the ongoing participation of their ATFM services in the sharing of data for the regional Dashboard of indicators and in BRISA operational teleconferences. Also, that each State encourage the participation of airlines, airports and users in OPSAM.</p>	<p>Adjust ATC and airport capacity to the gradual increase in demand, and contribute to the recovery and sustainability of the air transport system at regional and global level in the new projected scenario. Also, reinforce the use of KPIs in ATFM and ATM in general.</p>	<p>OPSAM implemented and KPIs generated.</p> <p>SAM/IG/29</p>	<p><i>Noted.</i></p>

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
3-3	<p>Conclusion SAM/IG/26-02 Adoption of the Guide for the implementation of ATFM in the SAM Region 2022- 2026</p> <p>The States adopt the Guide for the implementation of ATFM in the SAM Region 2022-2026, harmonised with the objectives of regional integration of this service and taking into account the implementation phases and deadlines foreseen.</p>	<p>SAM States to implement national or cross-border ATFM services that are suited to the air traffic flow managed by their ATS services and that duly contribute to the solution of demand/capacity imbalances in the Region.</p>	<p>States applying the Guide and reaching Phase IV of implementation.</p> <p>December 2026</p>	<p><i>Noted.</i></p>
3-4	<p>Conclusion SAM/IG/27-04 Adoption of the Manual on Calculation of Runway and ATC Sector Capacity</p> <p>States adopt the Manual on Calculation of Runway and ATC Sector Capacity, and carry out calculation activities at their airports and ATS units, recognising that it is essential to have updated data to provide efficient ATFM services.</p>	<p>Implementation of a common methodology for runway and ATC sector capacity calculation in the SAM Region</p>	<p>Runway and ATC sector capacity calculations updated.</p> <p>December 2026</p>	
<p>4. NIL</p>				
<p>5. Operational implementation of new automated ATM systems and integration of the existing systems</p>				
5-1	<p>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</p>	<p>Adoption of the ATM/FPL Roadmap by</p>	<p>- Roadmap implemented - Mitigate the</p>	<p><i>Implemented.</i></p>

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
5-3 18	<p>Conclusion SAM/IG/23-03: Adaptation of AMHS terminals of aeronautical meteorology users</p> <p>That, pursuant to the requirement to implement the exchange of OPMET messages in IWXXM GML format by 5 November, States:</p> <ul style="list-style-type: none"> 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 	<p>To comply with the provisions of Amendment 78 to ICAO Annex 3.</p>	<p>Conduct tests and share results</p> <p>SAM/IG/26</p>	<p><i>Implemented.</i></p>
5-4	<p>Conclusion SAM/IG/25-07 Implementation of space-based ADS-B under a regional technical cooperation project</p> <p>That the Secretariat:</p> <ul style="list-style-type: none"> a) Consult Trinidad and Tobago on their interest in participating in a potential regional implementation of space-based ADS-B, together with Chile and Panama, initially; b) Initiate procedures, together with the Technical Cooperation Bureau (TCB), to enable the contracting of the service through Regional Project RLA/03/901; and c) Organise an <i>ad-hoc</i> group under Regional Project RLA/03/901, with those States interested in participating in the regional implementation of space-based ADS-B, for the drafting of the necessary documents for a potential contracting of the service. 	<p>Provide the States that expressed interest in the implementation of space-based ADS-B with the necessary support for contracting the service.</p>	<p>Support to the States concerned and coordination with ICAO TCB</p> <p>No later than SAM/IG/26</p>	<p><i>Noted.</i></p>

No.	Tasks to be developed	Specific tasks	Deliverables (Completion date estimated)	Execution status
5-5	<p>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</p> <ul style="list-style-type: none"> 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 send 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. 	<p>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.</p>	<p>CAR /SAM ANP; Vol. II updated and Vol. III developed</p> <p>SAM/IG/29</p>	<p><i>Noted.</i></p>

Updated by RS October 12, 2023