



SAM/IG/4
WP/01
16/07/09

**International Civil Aviation Organization
South American Regional Office**

**FOURTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/4)
REGIONAL PROJECT RLA/06/901**

Lima, Peru, 19 to 23 October 2009

AGENDA, SCHEDULE AND WORKING METHODS

(Presented by the Secretariat)

1. Agenda

1.1 The Tentative Agenda of the Fourth Workshop/Meeting of the SAM Implementation Group (SAM/IG/4) is attached as **Appendix A** to this Working Paper.

1.2 Those matters not included in the agenda might be considered under Agenda Item 8, Other Matters.

2. Working methods

2.1 For the development of this meeting, it is expected to work in plenary session, and in Ad-hoc groups, in order to analyse specific issues.

2.2 During the course of the meeting, a Summary of Conclusions will be prepared for its distribution to States and International Organizations interested.

2.3 Administrative aspects and documentation processing of the meeting will be in charge of ICAO Secretariat and the Working Groups Rapporteurs.

3. Work Schedule

3.1 Subject to the circumstances that would affect the adoption of the work, the following work schedule is suggested:

0900 - 1030	Review of agenda items
1030 - 1045	Coffee Break
1045 - 1215	Review of agenda items
1215 - 1300	Coffee Break
1300 - 1400	Review of agenda items
1400 - 1500	Review of agenda items

4. Work Plan

4.1 **Appendix B** to this working paper includes the tentative work plan.

5. Suggested action

5.1 The approval of the mentioned tentative work plan is suggested, provided that in the light of the progress reached, the Workshop/Meeting could adopt the modifications considered appropriate.

APPENDIX A

FOURTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/4) REGIONAL PROJECT RLA/06/901

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DRAFT AGENDA

Agenda Item 1: Follow up to Conclusions and Decisions adopted by SAM/IG

The Meeting will start its activities carrying out a revision of the status of application of Conclusions and Decisions adopted within the framework of SAM/IG Meetings.

Agenda Item 2: Optimization of the ATS routes structure in Terminal and en-route airspace and implementation of performance based navigation (PBN) in the SAM Region.

The meeting will have the opportunity to review actions oriented towards the transition of an air traffic management with ground-based systems to another one based on aircraft performance. Under this agenda item, the meeting will evaluate the current ATS routes network and will review the improvements to optimize the same. It shall also evaluate the implementation initiatives carried out by States on this matter. As a result of the SAM/IG/2 and SAM/IG/3 Meetings, implementation and additional coordination is pending on the following routes:

- UM 662 Guayaquil/Madrid
- UM 527 Lima/Madrid
- Santiago – Miami
- UL 306; UM 782-UL201-UA317; UA307

Agenda Item 3: Implementation of performance-based navigation (PBN) in the SAM Region

Under this agenda item, the meeting/workshop will take pertinent actions, in order to continue with en-route PBN, terminal areas and approach implementation, as required. The opportunity will be taken to review the action plan updated during the Third Meeting of the SAM Implementation Group (SAM/IG/3) and the progress reached. States will have the opportunity to present information related to their action plans for the implementation of PBN in terminal areas and approach, following the PBN Road Map approved by GREPECAS.

This task is related with the following Global Plan Initiatives: Performance-Based Navigation (GPI-5), Dynamic and flexible management of ATS routes (GPI-7), Terminal area design and management (GPI-10), RNP and RNAV SIDs and STARs (GPI-11), FMS-based arrival procedures (GPI-12), and Navigation systems (GPI-21).

Agenda Item 4: Standards and procedures for performance-based navigation operations approval

Under this agenda item, the meeting will review matters related with RNAV and RNP operations and airworthiness approval and harmonize the documentation at a regional level on this particular. It shall develop the work programme of the OPS/AIR working group and the progress in the preparation of guidance material and training programme prepared by Project RLA/99/901 with regard to RNP operations approval for air operators.

This task is related with Global Plan Initiative: performance-based navigation (GPI-5).

Agenda Item 5: Implementation of air traffic flow management (ATFM) in the SAM Region

The meeting shall review the improvements that might be introduced, in order to balance demand and capacity, and to this end, it shall study the roadmap for the implementation of air traffic flow management (ATFM), as well as the action plan amended and approved by the SAM/IG/3 Meeting on this matter. It shall review the activities established in Phase 1 of the programme for effective implementation of the strategic ATFM in airports at a regional level, in order to improve airport capacity and operational efficiency. The meeting will also evaluate guidance material developed by Project RLA/06/901, with regard to the guidelines for the use of the methodology for calculation of airport capacity and ATC sectors, and the procedures contained in the ATFM Manual. This activity relates with Global Plan Initiative: Air traffic flow management (GPI-6).

Agenda Item 6: Assessment of operational requirements in order to determine the implementation of communications and surveillance (CNS) capabilities improvement for en-route and terminal area operations

The meeting will note the implementation plans on CNS Systems at short and mid term for en-route and terminal area operations prepared by SAM Region States. The preparation of these plans is the result of Conclusion SAM/IG/3-5 and letter LN 3/24.1-SA276 issued by the ICAO SAM Regional Office. The meeting will analyze the results of the revision of the implementation plans of routers, ATN ground-to-ground applications, guidelines for the implementation of digital national networks in IP protocols, to support current and future aeronautical applications. Also, the Meeting will analyze the implementation of AMHS systems interconnection in the SAM Region. The meeting will also take note of the results of ADS-B trials carried out in Lima. Finally, the meeting will analyze implementation plans for air-ground data links in the SAM Region.

Agenda Item 7: Operational implementation of new ATM automated systems and integration of the existing systems

The meeting will take note of the comments on updating of the System Interphase Control document (SICD) as a follow-up of conclusion SAM/IG/3-7 (updating of the SICD Document), and letter LN 3/24.1-SA275 sent by the ICAO SAM Regional Office. Follow-up will be made for specific implementation plans for the interconnection of automated systems, presented by SAM/IG/3, Appendix B to Agenda Item 6. The Initial Plan for the implementation of amendment 1 to Doc 4444 will also be presented to the meeting for its analysis. The initial plan shall enable that SAM Region States count with an initial strategy for the implementation of the amendment.

Agenda Item 8: Other business

Under this agenda item, the meeting will be able to review matters, which have not been discussed in the previous agenda items.

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APPENDIX B

**FOURTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/4)
REGIONAL PROJECT RLA/06/901**

Lima, Peru, 19 to 23 October 2009

TENTATIVE WORK PROGRAMME

Hour	Monday 19 October 2009	Hour	Tuesday 20 October 2009	Wednesday 21 October 2009	Thursday 22 October 2009	Hour	Friday 23 October 2009
0830 0900	Registration of participants						
0900 0915	- Meeting with Heads of Delegation - Opening of the Event	0930 1030	Review of Agenda Item 4	Ad-Hoc Groups	Ad-Hoc Groups	0900 0930	Report Review
0915 0930	<i>Coffee break</i>	1030 1045	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	0930 1000	<i>Coffee break</i>
0930 1230	Review of Agenda Item 1	1045 1215	Review of Agenda Item 5	Ad-Hoc Groups	Ad-Hoc Groups	1000 1130	Report Approval
1230 1315	<i>Coffee break</i>	1215 1300	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>		
1315 1400	Review of Agenda Item 2	1300 1400	Review of Agenda Item 6	Ad-Hoc Groups	- Review of Agenda Item 8 - Review of Ad-Hoc Groups Reports	1130 1200	Closing of the Workshop/Meeting
1400 1500	Review of Agenda Item 3	1400 1500	Review of Agenda Item 7	Ad-Hoc Groups	Plenary Review of Ad-Hoc Groups Reports		

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