

## APPENDIX B3

## PROJECT IMPLEMENTATION OF THE NEW ICAO FLIGHT PLAN MODEL

SAM Region	PROJECT DESCRIPTION (PD)	PD N° C3	
Programme	Project Title	Starting Date	Ending Date
ATM Automation and Situational Awareness  <i>(Programme Coordinator: Onofrio Smarrelli)</i>	Implementation of the New ICAO Flight Plan Model  <i>Project Coordinator: Jorge Ávila (Brazil) (March 2010-December 2011)</i> <i>(Currently without project coordinator)</i>  <i>Contributing experts: Alessander Santoro (Brazil), Omar Gouarnalusse (Argentina) and Project RLA/06/901</i>	March 2010	November 2012
<b>Objective</b>	Support in the implementation of the new flight plan model in follow-up to the guidelines established in the CAR/SAM regional strategy		
<b>Scope</b>	The scope of the project consists in the implementation of the following main activities: <ul style="list-style-type: none"> <li>• Guidelines on transition to the new flight plan format</li> <li>• Conduct of trials between systems with capability to process the new flight plan</li> <li>• Drafting of contingency measures and decision on technical/operational considerations for the transition</li> </ul>		
<b>Metrics</b>	<ul style="list-style-type: none"> <li>• Guidelines on the transition to the new flight plan format</li> <li>• Identification of automated systems affected by the new flight plan format</li> <li>• Model action plan for States implementation of the new flight plan format</li> <li>• Model AIC for the dissemination of the new flight plan format</li> <li>• Trials between systems with capability to process the new flight plan</li> <li>• Contingency measures and technical/operational considerations for the transition</li> <li>• Guidance document for safety assessment</li> </ul>		
<b>Strategy</b>	<ul style="list-style-type: none"> <li>• All tasks will be conducted by experts nominated by States and organizations of the SAM Region members of the Project <i>Implementation of the New ICAO Flight Plan Model</i>, under management of the project coordinator, in coordination with the programme coordinator. Communications among project members, as well as between the project coordinator and programme coordinator, shall be carried out through teleconferences and the Internet. In addition, the programme coordinator, together with the project coordinator and the contributing experts, can convene at SAM/IG implementation meetings</li> <li>• Once studies are completed, the results will be submitted to the ICAO programme coordinator as a final consolidated document for its analysis, review, approval and presentation at the GREPECAS PPRC</li> </ul>		

<b>Justification</b>	The implementation of the new flight plan format must be co-ordinately carried out in all States of the Region and, in turn, the Region should be aligned with the implementation at other regions. Therefore, the drafting of a project supporting States in said implementation becomes necessary
<b>Related Projects</b>	<ul style="list-style-type: none"><li>• Automation</li><li>• Improve ATM situational awareness</li></ul>

Project Deliverables	Relationship with Performance Based Regional Plan (PFF)	Responsible	Status of Implementation <sup>1</sup>	Delivery Date	Remarks
Guidelines on transition to new flight plan format	PFF SAM ATM 07	ICAO and Project Coordinator		Completed	Guidelines were drafted to: Identify the automated systems affected by the new flight plan format Model action plan for States in the implementation of the new flight plan format Guidelines for the implementation of the new flight plan format during the transition phase
Develop regional strategy for transition to new flight plan format	FF SAM ATM 07	ICAO		Completed	GREPECAS approved the application of the CAR/SAM strategy for the implementation of Amendment 1 to PANS-ATM, 15th Edition (Doc. 4444) through its Conclusion 16/39
Consolidated analysis on assessments made by States on possible impacts in the implementation of the new FPL format	PFF SAM ATM 07	ICAO and Project Coordinator		Completed	All SAM States assessed the impact on the implementation of the new format in their automated systems. The consolidated assessment analysis was presented at SAM/IG/6 meeting (Lima, Peru, 18-22 October 2010)

<sup>1</sup> **Gray:** Activity has not started  
**Green:** Activity has or will deliver planned milestone as scheduled  
**Yellow:** Activity is behind schedule on milestone, but still within acceptable parameters to deliver milestone on time  
**Red:** Activity has failed to deliver milestone on time, mitigation measures need to be identified and implemented

Project Deliverables	Relationship with Performance Based Regional Plan (PFF)	Responsible	Status of Implementation <sup>1</sup>	Delivery Date	Remarks
Proposed considerations to conduct trials between systems with new flight plan processing capacity	PFF SAM ATM 07	Project Coordinator, Omar Gouarnalusse (Argentina) and States		June 2012	<p>Initial considerations are indicated in the national action plans for the implementation of the new flight plan format. Additional considerations were proposed at the second seminar on the implementation of the new flight plan format (Lima, Peru, 19-20 May 2011)</p> <p>40% of the States of the Region have started implementing the changes in the automated systems, carrying out local partial trials. Initial trials have started between some States of the Region</p>
Development of contingency procedures and determination of operational/ technical considerations for the transition	PFF SAM ATM 07	ICAO, Project Coordinator, RLA/06/901 Project and States		June 2012	<p>A safety assessment guideline was drafted, with the purpose of carrying out a qualitative risk analysis from the SAM Region point of view before the validity of Amendment 1 to ICAO PANS-ATM, 15th Edition (Doc. 4444), related with the new flight plan content (NEW format) as of 15 November 2012 and during the transition period starting on 1July 2012, when it is expected that airspace users use both the CURRENT and NEW formats</p> <p>The States of the Region are using this document as orientation in the safety assessment and in the drafting of a contingency plan in this regard</p>

Project Deliverables	Relationship with Performance Based Regional Plan (PFF)	Responsible	Status of Implementation <sup>1</sup>	Delivery Date	Remarks
Technical/operational proposals for the transition Legislation Safety assessment Automated systems Training plan	PFF SAM ATM 07	ICAO, Project Coordinator, Alessander Santoro (Brazil) and States		November 2012	<p><i>Legislation</i>                      A model AIC for the dissemination of information on the new flight plan format implementation has been drafted. In addition, States national action plans must take into consideration amending the technical/operational documentation related with the new flight plan format. 30% of the States have started amending their national publication with regard to the new flight plan format</p> <p><i>Safety assessment</i>                      (refer to information in row above)</p> <p><i>Automated systems</i>                      40% of the States would be able to support the NEW and CURRENT flight plan format during the transition period</p> <p><i>Training plan</i>                      70% of the States of the Region have started implementing the training plan in their national action plan for the implementation of the new flight plan format. The training is addressed to ATS, AIS operational personnel, technical personnel and users. As of April 2012, Chile will start with via web courses for national and foreign personnel interested</p>
Monitor the implementation of the new ICAO flight plan model activities in the SAM Region		ICAO		March 2010 - 15 November 2012	
Resources necessary	Funding for the implementation of changes in automated systems (AMHS / AFTN, FDP), adoption of possible contingency measures and training to personnel involved				