



Agenda Item 3: Implementation of air traffic flow management (ATFM) and improvement of procedures for coordination between agencies

PREPARATION OF ATFM SERVICE IMPLEMENTATION GUIDE FOR THE SAM REGION 2020 – 2025 (VERSION 1.0)

(Presented by the Secretariat)

SUMMARY	
This working paper presents the results of the activity aimed at preparing the guide (version 1.0) for the implementation of the ATFM service in the SAM Region 2020 – 2025.	
References:	
<ul style="list-style-type: none">• ICAO Doc 9750 Global Air Navigation Plan (Sixth Edition).• ICAO Doc 4444, Air traffic Management, Sixteenth Edition.• ICAO Doc 9971, Manual de Gestión Colaborativa de la Afluencia de Tránsito Aéreo (Third edition).• Concepto Operacional (CAR/SAM ATFM CONOPS 2019-2024).• ASIA/PACIFIC Framework for a Collaborative Air Flow Management.• CANSO Implementing Air Traffic Flow Management and Collaborative Decision Making ICA 100-22, Serviço de Gerenciamento de Fluxo de Tráfego Aéreo, 2018, DECEA.	
ICAO strategic objectives:	<i>B – Air navigation capacity and efficiency</i>

1. Introduction

1.1 As part of the actions carried out through Project RLA/06/901, with regard to the programme for the implementation of ATFM, the mission of ATFM specialists, Mr. Juan Pablo Acosta, from EANA – Argentina and Mr. Robson de Matos Mendes from CGNA - Brazil, were requested with the aim of developing a Guide for the implementation of the ATFM service in the SAM Region, including methodologies for the preparation of a PDA, ATFM unit manual post operation report, as well as the ATFM terminology/communication and performance indicators (KPIs) according to the best practices of the region.

1.2 The deliverable was a first version and is expected to be analyzed and enhanced by the corresponding Project entities and Member States.

1.3 The work was done from 2 to 13 September 2019 at the ICAO SAM Regional Office placed in Lima, Peru.

2. Analysis

1.4 The Guide for the implementation of the ATFM service in the SAM Region was drafted with the primary object of providing a regional framework for the correct and harmonic implementation of the ATFM service.

1.5 The secondary goal was preparing appendixes containing; procedures to formulate PDAs, Post Operations Reports, NOPS modules of GANP, use of KPIs, preparation of ATFM Units Manuals as well as terminology and ATFM communications.

1.6 The Guide for the implementation of the ATFM service in the SAM Region has received inputs from best practices applied in Argentina, Brazil and Peru as well as references from the the implementation in the Asia/Pacific Region.

1.7 According to the working plan, goals and scope of the project, the following deliverables were obtained:

- ✓ Guide for the implementation of the ATFM service in the SAM Region – Version 1.0 (Word/PDF format)
- ✓ Appendix A - NOPS Modules of GANP 6th. Edition Block 0 ASBU (Word/PDF Format)
- ✓ Appendix B - Management of KPI indicators for the GANP' NOPS B0 module (Word/PDF format), incorporating document prepared by Mr. Nicolas Borovich in his previous mission.
- ✓ Appendix C - ATFM Unit Manual (Word/PDF Format)
- ✓ Appendix D - Preparation of the PDA and Post Operations (Word/PDF Format)
- ✓ Appendix E - ATFM Terminology and Communications (Word/PDF Format)

1.8 The result was the Guide for the implementation of the ATFM service in the SAM Region – Version 1.0 which is presented as **Appendix** to this working paper (*Spanish only*) including:

- ATFM ICAO concept framework
- ATFM in the Global Air Navigation Plan (GANP)
- Background in the SAM Region
- Demand growth in the SAM Region
- National ATFM Concept
- ATFM Cross-border concept (Cross-border)
- ATFM Cross-border Multinodal concept
- Interoperability
- Collaborative Decision Making (CDM)
- Status in the SAM Region
- ATFM Regional Strategy
- ATFM phases
- Human factor at ATFM
- ATFM instruction requirements

2.1 Based on the work made, the benefit of delivering seminars/workshops to State experts for explaining them the planning and implementation of the ATFM service in the SAM Region was noted.

1.9 It is recommended to update periodically the Guide for the implementation of the ATFM service in the SAM Region to include improvement opportunities identified by States.

1.10 It is recommended that further work be carried out on the development and management of the implementation of the ATFM service in the SAM Region aimed at the implementation of the new elements of the NOPS Block 0 ASBU modules of the Doc. 9750 - World Air Navigation Plan (GANP 6th edition). It also emphasizes the need for further coordination with the adjacent CAR Region of implementation at the interregional level.

1.11 With State Letter LN3/24.6 – SA5636 dated 27 September 2019, version 1.0 of the Guide for the Implementation of ATFM (2020 – 2025) was delivered to States, requesting to address comments and ideas at this SAM/IG Meeting.

3. **Suggested actions**

3.1 The Meeting is invited to take note and examine the information presented, and to:

- a) Examine and provide feedback on the content of the ATFM service implementation Guide – Version 1.0 presented as Appendix to this working paper (*in Spanish only*);
- b) analyze the training processes that would be required to implement the guide; and
- c) recommend any other action it may deem appropriate.

- END -

APÉNDICE / APPENDIX

(Solamente en Español / Spanish only)

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2020 - 2025**

Draft 1.0

Setiembre 2019

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