




International Civil Aviation Organization

**SEMINAR/WORKSHOP
(SAM ANIP-PB)**


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***Performance-Based
Implementation Plan
For the SAM Region***

(Part V –AIS)




Content of Chapter 8 ANIP AIS

- Introduction
- Analysis of the situation
- Performance objective implementation strategy

INTRODUCTION 

AIS and requirements of the ATM Operational Concept

- Planning improvements to and strengthening of AIS
- Global Plan Initiatives
- New regulations and requirements for implementation at short and mid term.
- Related components to the ATM Operational Concept


Analysis of the current situation 

Need for timely and reliable information of data in electronic form

Need for standardised models and common specifications for the establishment and presentation of data bases

Need for a digital NOTAM

CDM: inter-functional AIS/MET products

Performance objective implementation strategy 

Quality, Integrity and availability of Electronic Aeronautical Information (PFF SAM 17)

Transition to the provision of electronic aeronautical information (PFF SAM 18)

Performance objective implementation strategy

- Quality, Integrity and Availability of electronic aeronautical information
- Standardization and aeronautical information control (AIRAC)
- Quality management system (QMS)
- Monitoring of integrity in the data supply chain
- Use of WGS-84
- Transition to the Provision of Electronic Aeronautical Information

Performance objective implementation strategy

- Aeronautical Information Conceptual Model
- Integrated Aeronautical Information Database
- Aeronautical Information Exchange Model (AIXM)
- Terrain and obstacle database (e-TOD)
- Electronic Aeronautical Information Publication (eAIP)
- Electronic mapping and aerodrome mapping
- AIS-MET interoperability

Benefits

REGIONAL PERFORMANCE OBJECTIVE: SAM 17

Safety

- Assures data integrity and resolution
- Favours information traceability

Environmental protection and development of air transport

- Assures timely awareness of significant changes in information

Metrics

- Number of States that meet the AIRAC calendar
- Number of States that have implemented QMS

2012 – 2018 Strategy

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- Assess the status of implementation and update of the AIM Action Plan
- Effective compliance with the AIRAC system
- Establish a quality management system (QMS)
- Complete the use of WGS-84, taking into account the new data products
- Develop guidelines on service level agreements (SLAs) between data originators and AIM
- Establish agreements with data originators (SLAs)
- Monitor the implementation of the AIM Action Plan

Benefits

REGIONAL PERFORMANCE OBJECTIVE : SAM 18

Safety

- Support to ground proximity warning systems (GPWS) and procedure design and optimisation tools.

Environmental protection and development of air transport

- Integration of dynamic and static information into a single display to facilitate situational awareness.
- Access to information during all flight phases.

Metrics

- Number of States that have implemented the transition plan

2012 – 2018 Strategy

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- Prepare a transition plan for the provision of electronic aeronautical information
- Implement the transition plan for the provision of electronic aeronautical information
- Develop and establish a programme to facilitate AIS - MET interoperability
- Monitor the implementation of the transition plan for the provision of electronic aeronautical information

