ICAO

First Meeting of the South Atlantic Steering Group (SAT-SG/01)
Virtual, 4 December 2023

Agenda Item 3: Update on development in the SAT area

Cabo Verde transition from AIS to AIM

(Presented by CABO VERDE)

SUMMARY
This working paper provides information on initiatives carried out by Cabo Verde for the improvement of ATS in their airspace over the SAT area in accordance with the Global Air Navigation Plan (Doc 9750).   Action by the Meeting is as per paragraph 3.

References	Doc 9750, Global Air Navigation Plan Doc 10066, PANS-AIM ICAO Annex 15
Strategic Objectives	**A** – Aviation Safety; **B** – Air navigation Capacity and Efficiency; **E** – Environmental Protection.

1. **INTRODUCTION**

   1.1. ICAO developed the "*ROADMAP FOR THE TRANSITION FROM AIS TO AIM*" to address more precisely and in greater detail the guidance given in Doc 9750 for the future development of aeronautical information to ensure efficient management of quality aeronautical information/data for safe aircraft operations.

   1.2. In alignment with strategic initiatives and global and regional priorities in the field of civil aviation, Cabo Verde implemented, in May 2022, the concept of Aeronautical Information Management (AIM), evolving from a model of publishing Aeronautical information in paper format to a digital concept and data-centric, representing another important step towards modernizing the Air Navigation services it provides.

   1.3. The project aimed to introduce a collaborative structure focused on managing and exchanging aeronautical data and information between civil aviation system operators and service

providers and to improve the processes for updating and making aeronautical data and information available.

1.4. The implementation of this project brings a set of advantages to Cabo Verde's Air Traffic Management System, including alignment with international requirements, better data integrity, timeliness and accuracy, and the construction of a flexible ATM system, with favourable impacts in terms of costs effectiveness, environmental Protection and improvement of the predictability and efficiency of the ATM network.

2.   DISCUSSION

2.1. Cabo Verde implemented and certified a Quality Management System (QMS) for AIS, as required by ICAO Annex 15 and PANS-AIM, with a process approach to meet ISO 9001 standards.

2.2. Cabo Verde implemented the AIXM 5.1 database, an electronic AIP (eAIP) publishing facilitator aligned with ASBU concepts.

2.3. Cabo Verde is working to make available, in a short-term period, aeronautical information in AIXM format derived from the database implementation, which will facilitate integration into the SWIM community.

2.4. Aligned also with ASBU, Cabo Verde is in the process of implementing a new web-based Dynamic AIS system (NOTAM, FPL and OPMET), which is planned to be operational in May 2024, to enable shortly (2028) the implementation of Digital NOTAMs (DNOTAM) for greater automation, and on the process of upgrading our AMHS, to structure the foundations of SWIM infrastructures.

2.5. Cabo Verde developed a new Training program for the AIM service that places emphasis on quality and data management instead of the "traditional" skills.

3. ACTION BY THE MEETING

3.1. The meeting is invited to take note of the content of this working paper and:

a) Encourage States that have not yet implemented the AIXM database and QMS in AIS to do so.