



Agenda Item 3: Monitoring of the implementation of WGS-84, adherence to the AIRAC Cycle and compliance with the SARPs of Annex 4 and Annex 15 of ICAO

MONITORING THE IMPLEMENTATION OF SARPS

(Presented by the Secretariat)

SUMMARY	
<p>This Working Paper presents an analysis of the status of implementation in the SAM Region with respect to the AIRAC cycle, WGS-84 and compliance with the SARPs of Annexes 4 and 15.</p> <p>It is noteworthy that these issues were addressed in the first SAM/AIM meetings in the context of Phase 1 of the AIS-AIM Roadmap, although the focus subsequently shifted to the restructuring of the AIS documents.</p> <p>Likewise, the relationship of these elements with the surveillance of the Basic Building Blocks (BBBs) is established.</p>	
References:	
<ul style="list-style-type: none">• ICAO, Annex 4 – Aeronautical Charts• ICAO, Annex 15 – Aeronautical Information Services• ICAO, Doc 8126 – AIS Manual• ICAO, Doc 10066 – PANS-AIM• ICAO SAM, AIS-AIM Roadmap• SAM/AIM Meeting Reports• Project BBB Surveillance Guide for AIS/AIM	
ICAO Strategic objectives :	<p><i>A - All flights are safe and secure</i></p> <p><i>D - No Country Left Behind</i></p>

1. Introduction

1.1 The transition from AIS to AIM in the SAM Region requires compliance with fundamental elements related to the quality, integrity and availability of aeronautical data, including the effective application of the AIRAC cycle, implementation of the WGS-84 geodetic system and compliance with Annex 4 and 15 SARPs.

1.2 In the first meetings of the SAM/AIM Group, these elements were analyzed in detail as a basis for the implementation of Phase 1 of the AIS-AIM Roadmap, including monitoring compliance with SARPs, improving data quality and strengthening AIS capacities.

1.3 In later stages, the group's focus has been mainly on the restructuring of the AIS documents, which sought to establish a framework for the AIM. This change has reduced the emphasis on following the aforementioned fundamental elements

2. Discussion

2.1 With regard to the follow-up to the adhesion of the AIRAC Cycle, it has been observed that the Publications Offices have adopted it, for the most part, although some deficiencies persist in compliance with the dates and in the coordination and synchronization of changes. A persistently detected problem is the proper use of the NOTAM trigger NOTAM.

2.2 Limited or incorrect use of the trigger NOTAM affects the effective AIRAC information transition, user situational awareness, and aeronautical information system consistency.

2.3 In relation to the implementation of WGS 84, although most States have adopted WGS 84, challenges remain in relation to the complete conversion of legacy data, metadata management, and data accuracy and traceability.

2.4 When analyzing compliance with the SARPs contained in Annex 15 – Aeronautical Information Service, it is observed that gaps persist related to the implementation of the quality management system, the verification of compliance with data quality requirements (DQR), the publication of digital data (DDS) and the implementation of PANS AIM.

2.5 The Secretariat, with the support of Regional Project RLA/06/901, is preparing a Regional Guide for the monitoring of the implementation of the Basic Building Blocks (BBBs) for the AIM and MET areas. This Guide is prepared in the context of a GREPECAS/22 Conclusion.

2.6 The elements analyzed in the previous paragraphs are aligned with the BBBs, especially in terms of regulatory compliance, aeronautical data management, and publication and distribution of information (AIRAC/NOTAM). Its inclusion in the Monitoring Guide will improve regional assessment.

2.7 The Secretariat intends to publish the draft guide by the end of June and discuss it at a Workshop in September or October this year in order to have an approved version at the NAM/CAR/SAM Regions' AIM forum.

3. Action Required

3.1. The Meeting is invited to:

- a) Take note of the information submitted;
- b) Reinforce the priority of adherence to the AIRAC cycle and use of the trigger NOTAM;
- c) Promote the effective completion of Phase 1 of the AIS-AIM Transition Roadmap in those States that have not yet completed it;
- d) Actively participate in the analysis of the proposed BBB Implementation Surveillance Guide for AIM when available;
- e) Urge States to close the gaps identified.