



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

**Sixth Meeting of the APIRG Airspace and Aerodrome Operations Sub-Group  
(AAO/SG6)***(4 – 8 September 2023)***Agenda Item 3: Achievements of the AAOSG****Status report on the development of the AFI ATM Master Plan***(Presented by AFI ATM Master Plan - Project Management Team)***SUMMARY**

This working paper outlines the AFI ATM Master Plan - Project Management Team (AAMP-PMT) project status report, under AAO-SG Airspace projects.

The development of the AFI ATM Master Plan has been completed, and the final draft deemed ready for submission to APIRG 26 with recommendations for adoption following review and endorsement by the AAO-SG and IIM-SG.

Following adoption of the AFI ATM Vision 2045, future CONOPs and AFI ATM Master Plan, AAMP-PMT recommends that APIRG endorse the establishment of a team of experts from AAO-SG and IIM-SG with the objective to continuously maintain the AFI ATM strategy documents, i.e. AFI ATM Vision 2045, future CONOPS and AFI ATM Master Plan.

**Actions by the meeting in paragraph 3.****REFERENCE(S):**

- APIRG 22 Conclusion 22/35 – Establishment of the AFI Seamless ATM system.
- APIRG 24 Conclusion 24/05 – Implementation of the AFI Master Plan.
- APRIG25 Conclusion 25/10 – Adoption of the ASBU Elements applicable to the region.
- APRIG25 Conclusion 25/11 – Collection of data and reporting on ASBU implementation.
- AAO SG/3 Decision 3/02 – Establishment of AFI ATM Master Plan Project Management Team.
- AAO SG/4 Decision 4/02 – To enable the completion of the AFI ATM Master Plan (AAMP), Vision 2045, future concept of operations.

This working document relates to the five **ICAO Strategic Objectives**:

A-Aviation Safety, B-Air Navigation Capacity and Efficiency, C-Security and Facilitation, D-Economic Development and E-Environmental Protection.

## **1. INTRODUCTION**

- 1.1 AAO SG/4 meeting recommended the reconstitution of the AAMP PMT following reports of predominantly low participation levels and non-availability of some of the PMT members due to retirement and redeployment. The AAMP PMT's main task being to coordinate and facilitate project activities while also ensuring that the project undertaking is continuously developing towards maturity.
- 1.2 APIRG 25 endorsed the AAO SG/4 recommendation for project deadline extension to enable the reconstitution of the AAMP PMT and support project activities to finalise and present the AFI ATM Master Plan to APIRG 26 for review and adoption.
- 1.3 The AAMP PMT completed the AFI ATM Master Plan final draft in June 2023.
  - 1.3.1 Two 5-day workshops hosted by ICAO ESAF regional office were held in Nairobi, the first in October 2022 and the second in June 2023 to enable the AAMP PMT to finalise the AFI ATM Master Plan.
- 1.4 A list of AAMP-PMT members is attached as appendix A.
- 1.5 The latest draft AFI ATM Master Plan is attached as appendix B.

## **2. DISCUSSIONS**

- 2.1 The AFI ATM Vision development has a 25-year strategic outlook objective, where the future concept of operations will consider technological disruptors and enablers of the AFI seamless ANS framework including developments within the adjacent ICAO regions. This strategic outlook is linked to the APIRG 23 Conclusion 23/14 requirement for data collection for a 25-year traffic forecast.
- 2.2 In support of the APIRG objective, to foster the development of the AFI seamless ANS, the AFI ATM Vision 2045, future Concept of Operations and AFI ATM Master Plan, will provide a regional ATM roadmap, considering key AAO-SG and IIM-SG projects implementation planning in alignment with the development of the AFI Infrastructure strategy and technology roadmaps.
- 2.3 The AFI ATM Master Plan was concluded by end of June 2023 in line with the APIRG 25 AAMP PMT report. The AFI ATM Master Plan is developed in alignment with the GANP 6<sup>th</sup> Edition and the associated ASBU B0 and B1 elements. AFI infrastructure implementation planning will be coordinated in collaboration with industry and other stakeholders ensuring positive business case prior to investment in infrastructure.
- 2.4 AFI ATM Vision 2045, future Concept of Operations and AFI ATM Master Plan documents are developed incorporating key elements from regional entities, i.e. African Union (AU), Regional Economic Commissions (RECs), African Civil Aviation Commission (AFCAC) including the AU programme, Single African Air Transport Market (SAATM).
- 2.5 APIRG 25 endorsed the identified ASBU elements including category and priority assignment criteria by the AAMP PMT. The application of the performance-based approach, concepts, and ASBU elements applicable to the region should thus be endorsed for implementation including CNS, MET and AIM performance areas under the IIM-SG projects.

- 2.6 The AAMP PMT identified a GAP in the development of regional strategic documents, that the PMT constitution is mainly of AOP and ATM expertise and lacking representation from CNS, AIM and especially MET areas. To significantly enhance the AFI regional strategic documents, it is recommended that candidates from IIM-SG bodies CNS, AIM and MET be nominated to support AAMP PMT membership to enable adequate contribution to the AAMP PMT projects output.
- 2.7 The APIRG 25 recommended coordination of more ATM/CNS concepts regional workshops with the support of ICAO regional offices to enhance States experts' awareness in the development and implementation of the respective States' national air navigation plans.

### **3. ACTIONS BY THE MEETING**

- 3.1 The meeting is invited to:
- a) Note the AAMP-PMT project status, the development of the AFI ATM Master Plan.
  - b) Note the required review of the AFI ATM Vision 2045, future Concept of Operations to ensure alignment with the GANP 6<sup>th</sup> edition.
  - c) Submit to APIRG 26 recommendation to establish a team of experts from AAO-SG and IIM-SG with the objective to continuously maintain the AFI ATM strategy documents, i.e. AFI ATM Vision 2045, future CONOPS and AFI ATM Master Plan.
  - d) Review the latest draft AFI ATM Master Plan, endorse and submit to APIRG 26 for adoption.

#### **3.2 Draft Conclusion /Decision 6/xx : Title of Conclusion/Decision**

That in order to enhance the coordination and cooperation in the development of the AFI regional strategic documents under the AAMP project;

- a) A team of AAO-SG and IIM-SG experts be established with the objective to continuously maintain the AFI ATM strategy documents, i.e. AFI ATM Vision 2045, future CONOPS and AFI ATM Master Plan.
- b) The Secretariat facilitate the nomination of CNS, AIM and MET experts to participate in AAMP PMT projects and assignments.

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