



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Fifth Meeting of the APIRG Airspace and Aerodrome Operations Sub-group (AAO/SG5), virtual, 23 to 26 August 2022

Agenda Item 3.1 Achievements in Airspace and Aerodrome Operations

AFI ATM MASTER PLAN PROJECT MANAGEMENT TEAM PROJECT REPORT

(Presented by AFI ATM Master Plan - Project Management Team)

SUMMARY

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

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
 AAO SG/3 Decision 3/02 – Establishment of AFI ATM Master Plan Project Management Team.
 AAO SG/4 Decision 4/02 – Development of the AFI ATM Master Plan.

Related ICAO Strategic Objective(s):

A-Aviation Safety, **B**-Air Navigation Capacity and Efficiency, **D**-Economic Development and
E-Environmental Protection

1. INTRODUCTION

1.1 The Fourth Airspace and Aerodrome Operations Sub-Group (AAO SG/4) meeting endorsed the formulation of the Africa-Indian Ocean (AFI) Air Traffic Management (ATM) Master Plan - Project Management Team (AAMP PMT) Steering team following reports of predominantly low participation levels and non-availability of some of the PMT members due to retirement and redeployment. The steering team's main task being to coordinate and facilitate project activities while also ensuring that the AAMP PMT project undertaking is continuously developing towards maturity.

1.2 APIRG/24 endorsed the AAMP PMT request for project deadline extension to enable the reconstitution of the AAMP PMT and support project activities to finalise and present the AFI ATM Vision 2045, future concept of operations and the AFI ATM Master Plan to APIRG/25 for adoption.

1.3 The AAMP PMT steering team resolved to focus all efforts on finalising the AFI ATM Vision 2045, future Concept of Operations and defer the development of the AFI ATM Master Plan which is at approximately 40% maturity.

1.4 A 5-day workshop is being coordinated by the ICAO RO which will be held in Nairobi in October 2022, to enable the AAMP PMT steering team to finalise the AFI ATM Master Plan.

1.5 A list of AAMP-PMT Steering Team members is attached as **Appendix x** to this WP.

1.6 The latest draft AFI ATM Vision 2045, future Concept of Operations is attached as **Appendix x** to the WP.

2. DISCUSSION

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 and 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 system, 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 Vision and AFI ATM Master Plan documents are being developed in support of the objective to establish a seamless AFI Air Navigation System, ensuring regional ATM and Infrastructure planning, strategic implementation roadmaps are closely aligned with the following;

- 2.3.1 GATMOC
- 2.3.2 GASP, GANP, ASBU, BBB
- 2.3.3 AAO-SG and IIM-SG Projects Implementation roadmap in collaboration with AFI States and regional Stakeholders.

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) and Single African Air Transport Market (SAATM).

2.5 The AFI ATM Master Plan will be concluded ensuring alignment with the AFI ATM Vision 2045, future Concept of Operations, where infrastructure implementation planning will be coordinated in collaboration with industry ensuring positive business case prior to investment in infrastructure.

2.6 The meeting is reminded of the requirement from APIRG/24 conclusion 24/05 a) States/Organizations to confirm by 31 December 2021, the availability of previously nominated AFI ATM Master Plan (AAMP) project members to continue with the project or nominate suitable alternatives and ensure their effective participation as project team members.

ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the AAMP-PMT project status, the progress made to date in the development of the AFI ATM Vision 2045, future Concept of Operations and AFI ATM Master Plan.
- b) Review the draft AFI ATM Vision 2045, future Concept of Operations and if endorsed, submit to APIRG/25 for adoption.
- c) Endorse the AAMP-PMT plans to hold a workshop in October 2022 to finalize the AFI ATM Master Plan.
- d) Review the membership of the AAMP-PMT in preparation for the October Workshop.
- e) Endorse, plans to submit the AFI ATM Master Plan DRAFT to APIRG/25 for review.

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END