



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Eighth Meeting of the Airspace and Aerodrome Operation Sub-Group (AAO-SG/8) of the AASPG

Dakar, Senegal, from 14 to 18 July 2025

Agenda Item 3: Achievements of project teams and States/Organizations

STATUS OF AFI ATM/SAR PROJECTS

(Presented by Secretariat)

SUMMARY	
<p>This paper presents the status of progress of AASPG Project Teams in the areas of air traffic management and search and rescue since AAO SG/7.</p> <p>The action by the Meeting is in paragraph 3</p>	
REFERENCES <ul style="list-style-type: none"> • APIRG Procedural Handbook • Report of AAO/SG7 • Report of APIRG/27 	
Strategic Objectives	<i>A – Safety, B – Air Navigation Capacity and Efficiency, D – Economic Development of Air Transport, and E – Environmental Protection.</i>

1 INTRODUCTION

- 1.1 AASPG discharges its responsibilities through the Contributory Bodies and Project Teams (PT). AASPG has adopted a project-based approach to foster the planning and implementation of air navigation services and facilities in the region. Project Teams are established in accordance with AASPG Handbook Part II, and their terms of reference are defined based on the assignment and objectives. The Teams are expected to report annually on the status of progress made on their action plan.
- 1.2 The AAO/SG projects include projects related to aerodromes, air traffic management as well as search and rescue. ATM and SAR have currently eight (08) projects including seven (07) ATM projects and one (01) SAR Technical Expert Team.

- 1.3 Each Project Team is composed of experts nominated by States and the industry among whom a project coordinator and two deputy coordinators are designated. ATM/SAR Project Teams develop and validate their annual work programme in coordination with the Secretariat, based on their TORs and the outcomes of AASPG meetings.

2 DISCUSSIONS

2.1. Ongoing ATM/SAR projects include:

- (a) the AFI ATM Master Plan (AAMP);
- (b) the AFI ATM Contingency Planning Project (AFI ATM CP);
- (c) the AFI Air Traffic Flow Management Project (AATFM PMT);
- (d) the Civil/Military Cooperation/Flexible Use of Airspace project (CMC/FUA PT);
- (e) the Flight and Flow Information for a Collaborative Environment Task Force (FFICE-TF);
- (f) The Free Route Airspace (FRA);
- (g) the PBN Airspace Concept and AFI Optimized Route Trajectories and Airspace (PBN-AORTA);
and
- (h) the Search and Rescue Technical Expert Team (SAR TET).

2.2. Activities of the PT were conducted mainly through virtual meetings in accordance with the AASPG Handbook.

2.3. The AAMP PT composition was reinforced with the nomination of States' focal points in IIM/SG related areas such as AIM, CNS and MET. The AAMP PT has revised the ATM Master Document to adjust aspects concerning CNS, AIS and MET.

2.4. The AFI ATM CP supported the management of the contingency events occurred in Khartoum and Kinshasa FIRs. The review of the AFI ATM Contingency Plan is pending the validation of the Global ATM Contingency Arrangement Framework. A validation workshop will be held to review the new version of the AFI Regional ATM Contingency Arrangement Framework (RACF) by end of 2025.

2.5. The AFI ATFM project is being constituted through the nomination of members by States and Organizations. The Project kick-off is expected in Q4 2025.

2.6. The CMC/FUA PT is currently conducting a CMC survey in all States of the AFI region to collect information on the status of implementation of CMC and FUA. The Project is also working on developing CMC generic documentation to support States in the effective implementation of civil/military cooperation and airspace organization and management. A validation workshop will be held in 2026 to review and validate the generic documents under development by the PMT.

- 2.7. The FF-ICE PT conducted an awareness webinar on FF-ICE in Q1 2025 which was attended by 75 participants. The PT is working on developing generic documentation related to FF-ICE and Terms of Reference for SWIM.
- 2.8. The FRA PT conducted several User Preferred Route (UPR) tests in coordination with AFRAA and CANSO. The FRA also conducted the user-satisfaction survey to collect feedback from airspace users on the positive impact of the implementation of FRA phase 1 in AFI Upper airspace.
- 2.9. PBN-AORTA PT is conducting an airspace survey in all AFI States to collect information on the status of implementation of PBN as well as airspace organization. The project team is also reviewing the AFI PBN plan to update obsolete information in alignment with the GANP 6th edition and the AFI Air Navigation Plan.
- 2.10. The SAR Project Team contributed to the 2025 AFI SAR survey conducted in Q1 2025. The survey witnessed record feedback of 86% (41 States out of 48). The PT also fully supported the conduct of two regional SAR workshops on the validation of SAR generic documentation in the English and French languages for AFI States. Results of workshops included the validation of 26 generic documents in English and 27 in French which are presented in details in a separate paper.

3 ACTION BY THE MEETING

- 3.1. The meeting is invited to:
- a) Take note of the information provided in this working paper; and
 - b) Review and support the PT progress status and activities reports also appended to the working paper.

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APPENDIX A- Status of achievements in ATM/SAR projects for 2024-2025

#	PROJECT TITLE	LAUNCHING YEAR	MEMBERS	PROGRESS STATUS
1.	AFI ATM Master Plan (AAMP)	2020	AFCAC, ASECNA, Cameroon, Côte d'Ivoire, DRC, Gabon, Ghana, IATA, IFATCA, Kenya, Namibia, Nigeria, Rwanda, South Africa, Togo, Uganda, Zambia,	<ul style="list-style-type: none"> • Enhancement of PT: Completed • Revision of the ATM Master Plan: In progress (95%)
2.	AFI ATM Contingency Planning (ATM CP)	2018	Ghana, Kenya, Nigeria, ASECNA, IATA, IFATCA, South Africa	<ul style="list-style-type: none"> • Revision of the AFI ATM Contingency Plan: In progress (30%) • Sharing of access link to States ATM contingency plans: In progress (40% since September 2023) • Conduct of tabletop exercises: Not started
3.	AFI ATFM	2025	CANSO, ASECNA, ATNS, GCAA, KCAA, NAMA, RVA,	<ul style="list-style-type: none"> • Project Team establishment: Completed
4.	Civil/Military Coordination and Flexible Use of Airspace (FUA)	2024	ASECNA, Burkina Faso, Cameroon, Comoros, Côte d'Ivoire, Gabon, Kenya, Senegal, South Africa, Uganda	<ul style="list-style-type: none"> • Designing of roadmap: Completed • Conduct of CMC survey: In progress • Development of generic documentation: Not started
5.	Flight and Flow Information for a Collaborative Environment (FF-ICE)	2024	Cote d'Ivoire, Roberts FIR, Mauritania, Kenya, Senegal, Togo	<ul style="list-style-type: none"> • Establishment of the PT: Completed • Designing of roadmap: Completed

				<ul style="list-style-type: none"> • Drafting of FFICE PT TOR: Completed • Conduct of the awareness workshop on FFICE: Completed • Development of generic documentation: In progress
6.	Free Route Airspace (FRA)	2020	ASECNA, DRC, Ethiopia, IATA, AFRAA, CANSO, Ghana, Kenya, Mauritius, Nigeria, Seychelles, South Africa, Tanzania, Uganda	<ul style="list-style-type: none"> • Implementation of Direct Route Operations in upper airspace: 75 % of AFI FIRs • Connection of FRA to the lower airspace: Not started • Implementation of UPR trial: In progress (trials conducted on the city pairs Addis Ababa/Abidjan, Nairobi/Abidjan, Addis Ababa/Cape Town) • Awareness workshop on FRA: Not started
7.	PBN, Airspace and Route Optimization	2024	Angola, Cameroon, Cote d'Ivoire, IATA, Kenya, Senegal, South Africa, Togo, Uganda	<ul style="list-style-type: none"> • Designing of roadmap: Completed • Conduct of airspace survey: In progress • Development of generic documentation: Not started
8.	Search and Rescue enhancement	2024	Cameroon, Cabo Verde, Ghana, Kenya, Mali, Senegal, Seychelles, South Africa, Tanzania, Togo, Uganda	<ul style="list-style-type: none"> • Conduct of AFI SAR survey: Completed • Conduct of SAR validation workshops: Completed • Designing of States' SAR profile: In progress