



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Ninth Meeting of the AASPG Infrastructure and Information Management Sub-Group (IIM/SG9)

Dakar, Senegal, 3 to 7 August 2026

Agenda Item 3: Achievements in Infrastructure and Information Management

3.4 Progress in the Implementation of AASPG IIM Projects

WP/3.4B Progress of the AFI-GGCOM Project

(Presented by Mr. Cossé WADE, AFI-GGCOM Project Team Coordinator)

SUMMARY
This working paper provides an update on the establishment and progress of the AFI-GGCOM Project, a regional initiative aimed at modernizing ground-ground communications through the implementation of AMHS and AIDC across the AFI Region. The paper highlights activities completed since the project launch, outlines planned deliverables, and identifies actions required from States and Organizations to support successful implementation. Action by the meeting is presented in paragraph 3.
REFERENCE: • Global Air Navigation Plan (GANP) • AFI Air Navigation Plan (AFI ANP) • AASPG Procedural Handbook • AASPG Report, Decision AASPG/1-1/11
This working document relates to ICAO Strategic Goals: • <i>A: Every Flight is safe and secure</i> • <i>C: Aviation delivers seamless, accessible and reliable mobility for all.</i>

1. INTRODUCTION

- 1.1 The AFI-GGCOM Project was established to support the modernization and harmonization of ground-ground communications within the AFI Region through the standardized deployment of Aeronautical Message Handling System (AMHS) and ATS Interfacility Data Communications (AIDC) systems,
- 1.2 The project covers all AFI States and focuses on:
 - AMHS implementation;
 - AIDC implementation between adjacent ATS units;

- development of regional guidance and road maps; and
- capacity-building and regional coordination activities.

2. DISCUSSION

2.1 Project Establishment

The AFI Ground-Ground Communications (AFI-GGCOM) project was officially launched on 11 May 2026 by the IIM SG Secretariat. The project team comprises experts nominated by AFI States and Organizations and operates under the AASPG IIM/SG framework.

2.2 Project progress

Since its establishment, the project has achieved the following:

- establishment of the Project Team and coordination mechanisms;
- conduct of the project kick-off meeting;
- organization of virtual coordination meetings;
- development of the Project Coordination Work Plan (Appendix A); and
- development of the Deliverables Planning Document (Appendix B).

2.3 Key deliverables and Project implementation Plan

The AFI-GGCOM Project will develop and validate regional AIDC and AMHS implementation guidance, support AFTN-to-AMHS migration, conduct training and pilot interconnections, and produce a final report with lessons learned and recommendations.

Implementation is planned in six phases covering project initiation, AIDC and AMHS development, regional validation, State support and pilot activities, and project closure during the period 2026–2028.

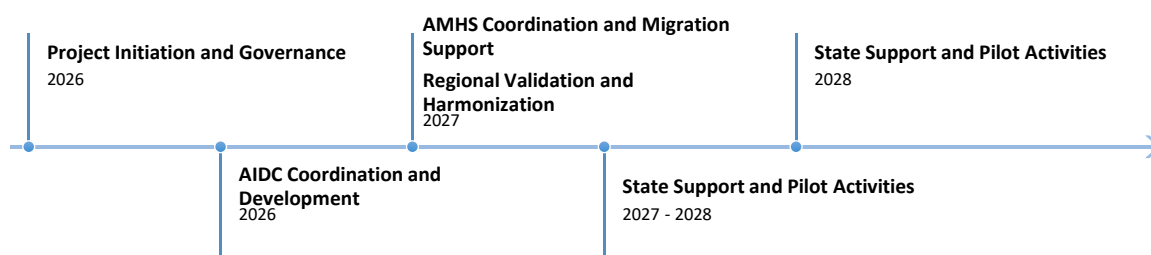


Figure 1: AFI GGCOM Implementation Plan

2.1 Challenges and support requirements

Successful implementation will depend on the continued participation of States and Organizations, timely provision of technical expertise, and resources to support validation workshops, pilot activities, and capacity-building initiatives.

- 2.2 Overall, the AFI-GGCOM Project is progressing as planned, with the project governance structure established, key planning documents finalized, and activities underway to support the regional implementation of AMHS and AIDC.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- note the progress achieved by the AFI-GGCOM Project;
- encourage States and Organizations to actively participate in project activities and provide the required expertise; and
- urge States to accelerate AFTN-to-AMHS migration and implement AIDC between adjacent automated ATS units, where applicable

APPENDIX A- IIM/SG9 WP3.4B

AASPG IIM SG – AFI GGCOM Project Coordination Work Plan (2026–2028)

1. Purpose of the Work Plan

This work plan defines the coordination activities, responsibilities, timeline and expected outputs for the implementation of the AFI-GGCOM Project, in accordance with the AASPG IIM SG framework.

2. Project Governance and Coordination

The Project Team Coordinator is responsible for the overall coordination of activities, monitoring of progress, and reporting to the IIM SG and Programme Facilitators (RO CNS ESAF/WACAF).

3. Work Phases and Activities

Phase 0 – Project Initiation and Governance (2026)

Objective: To ensure effective coordination in accordance with the AASPG framework.

Key activities

- Confirmation of the composition of the project (DEL01.1 – already completed)
- Establishment of coordination mechanisms:
 - periodic meetings (monthly/quarterly),
 - reporting and monitoring of actions,
 - reporting to the IIM SG and Programme Facilitators (RO CNS).
- Definition of communication channels (email, virtual meetings).

Leader: Project Team Coordinator

Deliverables:

- Meeting schedule
- Reporting Template
- Action monitoring table

Phase 1 – AIDC Coordination and Development (2026)

Objective: to support the harmonized implementation of the AIDC in the AFI region.

Key activities

- Coordination of the identification of the necessary documents and tools (**DEL02.1**)
- Organization of the work of the experts to:
 - the Regional AIDC Implementation Roadmap,
 - technical tools and guidelines.
- Document Development Follow-up (**DEL02.2**)
- Preparation and coordination of the validation workshop (**DEL02.3**).

Leader: Project Team Coordinator

Contributors: Experts States / Organizations

Deliverables:

- Validated list of AIDC documents
- AIDC documents developed

- Report of the validation workshop

Phase 2 – AMHS Coordination and Migration Support (2027)

Objective: to support the regional migration from the AFTN to the AMHS.

Key activities

- Identification and Confirmation of Required AMHS Documents (**DEL03.1**)
- Editorial coordination:
 - AMHS Implementation Package,
 - AFTN Regional Migration Plan → AMHS.
- Follow-up of the development of AMHS documents and tools (**DEL03.2**)
- Organization of the AMHS validation workshop (**DEL03.3**).

Leader: Project Team Coordinator

Deliverables:

- AMHS Documentation Package
- Regional Migration Plan
- Validation report

Phase 3 – Regional Validation and Harmonization (2027)

Objective : to ensure regional ownership of the results.

Key activities

- Logistical and technical planning of workshops
- Coordination with States, ANSPs and partner organizations
- Consolidation of comments and integration into final documents
- Production of workshop reports. (**DEL04**).

Leader: Project Team Coordinator

Deliverables:

- Agendas
- Workshop Reports

Final versions of validated documents

Phase 4 – Project monitoring, reporting and closure (2028)

Objective: to ensure traceability and compliance with AASPG expectations.

Key activities

- Monitoring of performance indicators (AMHS, AIDC)
- Regular reporting to the IIM SG
- Consolidation of results and lessons learned
- Support to States for pilot phases and targeted missions (**DEL05**).
- Preparation of the final project close-out report. (**DEL06**).

Leader: Project Team Coordinator

Deliverables:

- Progress reports
- AFIGGCOM Final Report

Note : Roles and Responsibilities

Project Team Coordinator: Overall coordination, monitoring, reporting and liaison with stakeholders.

Programme Facilitators (RO CNS): Strategic oversight and regional alignment.

Project Experts and States: Technical contributions, validation and implementation support.

Summary of the work plan

Axle	Objective	Key deliverables
Governance	Coordination & steering	CR, monitoring tables
AIDC	Regional interoperability	Roadmap, AIDC tools
AMHS	Migration AFTN → AMHS	AMHS package, migration plan
Workshops	Regional validation	Workshop reports
Closing	Capitalization	Final Report

APPENDIX B- IIM/SG9 WP3.4B

Deliverables Planning, Deliverables Gantt, KPI & Risk Linkage

1. Deliverables Planning Overview

This section presents the official AFI-GGCOM deliverables planning. It defines what will be delivered, the responsible entities, timelines, and provides a baseline for project coordination, monitoring and reporting to the IIM SG and the Steering Committee.

2. Deliverables Planning Table

Ref	Deliverable	Description	Responsible	Start	End	Status
DEL01.1	Project Team Composition	Nomination and confirmation of experts	IIM SG Secretariat	Jan 2026	Mar 2026	Completed
DEL01.2	Project Kick-off Meeting	Official project launch meeting	IIM SG Secretariat	Apr 2026	May 2026	Completed
DEL02.1	AIDC – Identification	Identification of AIDC documents and tools	PTC + Experts	Jun 2026	Aug 2026	Planned
DEL02.2	AIDC – Development	Development of AIDC roadmap and guidance	PTC + Experts	Sep 2026	Nov 2026	Planned
DEL02.3	AIDC Validation Workshop	Regional validation of AIDC documents	PTC / RO CNS	Nov 2026	Dec 2026	Planned
DEL03.1	AMHS – Identification	Identification of AMHS implementation needs	PTC + Experts	Jan 2027	Mar 2027	Planned
DEL03.2	AMHS – Development	AMHS implementation package and migration plan	PTC + Experts	Apr 2027	Jun 2027	Planned
DEL03.3	AMHS Validation Workshop	Regional validation of AMHS documents	PTC / RO CNS	Jul 2027	Aug 2027	Planned
DEL04	Capacity Building	Training and regional workshops	PTC / RO CNS	2026	2028	Planned

DEL05	Pilot Implementations	AIDC / AMHS pilot interconnections	PTC + States	Jan 2028	Sep 2028	Planned
DEL06	Final Project Report	Final report and lessons learned	PTC	Oct 2028	Dec 2028	Planned

3. Deliverables-Only Gantt (2026–2028)

The following table provides a deliverables-only Gantt view, showing when each deliverable is expected to be produced.

Deliverables	2026	2027	2028
DEL01.1 / DEL01.2	X		
DEL02.1	X		
DEL02.2	X		
DEL02.3	X		
DEL03.1		X	
DEL03.2		X	
DEL03.3		X	
DEL04	X	X	X
DEL05			X
DEL06			X

4. Deliverables – KPI and Risk Linkage

Deliverable	Related KPI	Main Risk	Mitigation Measure
AIDC Documents	Validated documents	Lack of expert availability	Early planning and expert nomination
AIDC Workshop	Number of workshops	Low State participation	Early invitations and reminders
AMHS Package	States with AMHS plan	Legacy system constraints	Targeted technical support
AMHS Workshop	Number of workshops	Scheduling conflicts	Hybrid meeting modality
Pilots	Operational AIDC links	Interoperability issues	Pre-tests and bilateral coordination
Final Report	Project completion	Delayed inputs	Clear deadlines and follow-up