**IDENTIFICATION AND DEVELOPMENT OF CNS PROJECTS**

1. **Project Identification**

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| **AFI Region** | **PROJECT DESCRIPTION (DP)** | DP N° XX | |
| ***Programme*** | **Title of the Project** | **Start** | **End** |
| *CNS*  **Programme Facilitator: [ROs]: RO CNS** | **AFI-GGCOM** AFI Regional Ground Communication Modernization    Project coordinator: TBD | **01/12/2025** | **31/12/2026** |
| **Rationale** | The AFI Region is transitioning from legacy ground-ground communication systems (AFTN) to modern, interoperable platforms such as AMHS and AIDC. This modernization is essential to support seamless coordination between Air Traffic Service Units (ATSUs), improve data exchange, and align with ICAO’s Global Air Navigation Plan (GANP) and ASBU modules. The lack of standardization and limited interoperability currently hinder efficiency and safety in cross-border coordination. | | |
| **Objective** | To implement seamless ground-ground (G-G) communication exchange across the AFI Region through the standardized deployment of AMHS and AIDC systems, ensuring interoperability, efficiency, and alignment with global aviation standards. | | |
| **Scope** | The project covers all AFI States and focuses on:   * Migration from AFTN to AMHS * Implementation of AIDC between adjacent automated centers * Development of regional roadmaps, technical packages, and testing platforms * Capacity building and pilot implementations | | |
| **Metrics** | * % of AFI States with national AMHS migration plans * Number of States with operational AIDC interconnections * Completion of the regional AIDC and AMHS roadmaps * Participation in regional training programs | | |
| **Strategy** | The project will be implemented by communication (COM) selected experts (among experts nominated by States and Organizations, coordinated by a Project-Team Coordinator, and supervised by Project Facilitators (ROs/CNS, Dakar and Nairobi) using the IIM SG working methodology. Upon task completion, results will be submitted to the Project Facilitators for review and, if necessary, approval by the PRCC. Regular meetings will be held with relevant stakeholders to support collaborative decision-making.  Key strategic actions :   * comprehensive implementation guidance material. * Prioritize the deployment of AMHS and AIDC.   Once the documents and tools are developed and validated, the project shall be closed. The project team experts will remain available to support States through targeted assistance missions, including pilot projects | | |
| **Related projects** | AFI-IATI | | |
| **Relationship with the regional plans** | AFI-GGCOM directly supports the implementation of the AFI Air Navigation Plan (ANP) and contributes to ICAO’s ASBU modules B0-FICE and B1-FICE, which promote the use of AMHS and AIDC for improved coordination and data exchange between ATS units. | | |

1. **Project Deliverables**

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| **Project deliverables** | | | | | |
| **Reference** | **Description** | **Responsible party** | **Delivery**  **date** | **Status of**  **Implementation** | **Comments** |
| **Composition of the project team** | | | | | |
| **DEL01.1** | Composition of the project team |  |  |  | Coordinate with States and Organizations to nominate qualified subject matter experts for the project team |
| **DEL01.2** | Project kick off meeting (online meeting) |  |  |  | Convene an initial virtual meeting with project team members to officially launch project activities. |
| **Documents and tools for ATS Inter-Facility Data Communication (AIDC) implementation** | | | | | |
| **DEL02.1** | Identification of necessary documents and tools for AIDC implementation |  |  |  | Identify and plan the development of documents and tools needed to effectively assist States in the implementation of AIDC  This list includes Regional AIDC Implementation Roadmap |
| **DEL02.2** | Development of documents and tools |  |  |  | Develop identified documents and tools for assisting States in the implementation of AIDC |
| **DEL02.3** | Workshop for the validation of documents and tools |  |  |  | Organize a workshop with Experts from States and Organisations and the project team members to validate the documents and tools developed. |
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| **Documents and tools for AMHS implementation** | | | | | |
| **DEL03.1** | Identification of necessary documents and tools for AMHS implementation |  |  |  | Identify and plan the development of documents and tools needed to effectively assist States in the implementation of AMHS *including AMHS Implementation Package, Regional migration plan from AFTN to AMHS for all AFI States* |
| **DEL03.2** | Development of documents and tools |  |  |  | Develop identified documents and tools for assisting States in the implementation of AMHS |
| **DEL03.3** | Workshop for the validation of documents and tools |  |  |  | Organize a workshop with Experts from States and Organisations and the project team members to validate the documents and tools developed. |

1. **Resources**

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| **Resources required** | * Selected experts from States and Organizations to conduct the project activities, * Funds for conducting the documents validation workshop, |

1. **Project Costing**

| **Activities** | **Expenditures** | | |
| --- | --- | --- | --- |
|  | **Total** | **2026** | **2027** |
| **Deliverable 1 Composition of the project team** |  |  |  |
| Activity #1.1 Selection of project team experts | **0** | **-** | **-** |
| Activity #1.2 Project launching webinar | 0 | - | **-** |
| **Deliverable 2 Documents and tools for ATS Inter-Facility Data Communication (AIDC) implementation** |  |  |  |
| Activity #2.1 Identification/ confirmation of necessary documents and tools | 0 | - | **-** |
| Activity #2.2 Development of documents and tools | 0 | - | **-** |
| **Deliverable 3 Documents and tools for AMHS implementation** |  |  |  |
| Activity #3.1 Identification/ confirmation of necessary documents and tools (DEL03.1, DEL03.2) | 0 | - | **-** |
| Activity #3.2 Development of documents and tools | 0 | - | **-** |
| Activity #2.3 and Activity #3.3 Workshop for the validation of AIDC and AMHS tools documents and tools (refers Activity #2.3) | **47,660** |  | **47,660** |
| **Total** |  |  |  |