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INTERNATIONAL CIVIL AVIATION ORGANIZATION

WESTERN AND CENTRAL AFRICA OFFICE

Twenty-fourth Meeting of the AFI Satellite Network Management Committee (SNMC/24)
(Abuja, Nigeria, 14-18 November 2016)

Agenda Item 3: **Evaluation and Re-engineering of AFISNET (*Implementation of Special AFI/RAN meeting Recommendations 6/18*)**

Development of a project scheme for AFISNET re-engineering and modernization

(Presented by the secretariat)

SUMMARY

The purpose of this Working Paper is to propose guideline for the development of a project scheme for AFISNET re-engineering and modernization.

Reference:

Terms of Reference and Report of the Audit of AFISNET

Report on SNMC/23 Meeting

Report on the Coordination Meetings for Surveillance Data sharing and implementation of AIDC along the gulf of Guinea

Action by the meeting see paragraph 3

1. Introduction

1.1 The coordination meetings conducted after the SNMC/23 meeting identified the operational and technical requirements for AFISNET modernization and reengineering and developed action plans for the surveillance data sharing the implementation of AIDC and the modernization and re-engineering of AFISNET.

1.2 Although a roadmap and an Action Plan for AFISNET modernization and re-engineering were established the process to effectively conduct the exercise is experiencing some latency due to the nature of AFISNET itself involving four Air Navigation Service Providers

2. Discussion

2.1 The upgrade/modernization of the network needs to be conducted in a coordinated manner in order to ensure that the level of communication service is maintained during the transition period.

The coordinated roadmap and implementation exercises (trials) seem to be experiencing latency when it comes to implementation.

Moreover the budgets constraints and the difference in the procurements regulations and processes may not help for an easy re-engineering exercise.

2.2 Based on the identification of the earth stations components to be procured for the AFISNET modernization the coordination meeting agreed on a preliminary cost evaluation for AFISNET upgrade and proposed to the AFISNET Board to seek for a common funding scenario.

In this regard, ECOWAS informed the meeting that such a common approach can be eligible by its Commission as an integration based project and briefed the participants on the ECOWAS procedures to assist its members States and informed on the current and forthcoming negotiations between ECOWAS and funders/donors such as the AfDB and the World Bank.

2.3 Tasked by the SNMC JTE, the Secretariat coordinated the project was submitted to the ECOWAS Commission by a letter jointly signed by the MD/CEOs and DGs of the four ANSPs.

In this regard it was agreed that the ANSPs will be invited to the forthcoming meeting of the Champion of the ECOWAS Transport Steering Committee in order to have the opportunity to present the project.

The ECOWAS parliament was also identified as a Decision Making body to whom the project should be submitted for endorsement.

2.2 The Coordination meeting on surveillance data sharing and implementation of AIDC attended by the representatives of the four ANSPs (ASECNA, GCAA, NAMA & Roberts) involved both **operational** and **technical experts**. The meeting addressed technical and operational requirements and agreed in principle to share surveillance data. These requirements are summarized in **Appendixes A** and **B** to the report of the meeting

2.4 In view of the above, a Project scheme for AFISNET modernization can be tailored as following:

| Task | Resource | status |
|--|--|-------------------|
| Establishment of a Project Team | JTE | Available |
| Identification of operational and technical requirements | Outcome of previous SNMC meetings | Available |
| Estimation of Costs | Evaluation of technical facilities | Available |
| Search for common funding | ECOWAS or other funding mechanisms | |
| Agreement on a common procurement process and Procurement Regulation | ECOWAS, ICAO TCB incumbent mechanisms | To be determined |
| Call for Tenders | Technical Specifications | Under development |
| Adoption of a project schedule | Based on funding & Procurement mechanisms and tenders Proposal | To be determined |
| Conduct and assessment | JTE, ICAO, Funder | To be determined |

3. Action by the meeting

The meeting is invited to:

- a) Take note of the Information given above
- b) Review and updated if necessary the Project scheme for AFISNET modernization
- c) Agree if necessary on additional activities that may have been identified since then AFISNET Modernization and Re-engineering.
