



**INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICA OFFICE**

**Twenty-sixth Meeting of the AFI Satellite Network Management Committee (SNMC/26)
(Ouagadougou, Burkina Faso, 19-23 November 2018)**

Agenda Item 3: Technical specifications for AFISNET re-engineering and modernization

(Presented by ASECNA)

SUMMARY

This paper provides the meeting with the outcome of the Cotonou Joint Technical Team (JTE) meeting

Reference: **RAN/AFI 8 Report**
 APIRG Report
 SNMC 17th to 25th Reports

Action by the meeting in paragraph 3

1. INTRODUCTION

In accordance with the outcome of SNMC Board meeting held in ASECNA Headquarters, Dakar, on 6th April 2018, relating to the implementation of AFISNET Re-engineering and Modernization Project, ASECNA hosted, from 31 October to 02 November 2018, at the premises of the Benin National Aeronautical Activities, in Cotonou, Benin, a coordination Meeting of the SNMC Joint Technical team (JTE) for AFISNET re-engineering and Modernization.

This paper provides the meeting with the outcome of the Cotonou Joint Technical Team (JTE) meeting..

2. DISCUSSION

2.1. With regard the invitation of ASECNA, the meeting was held in Cotonou, 31st October to 2nd November 2018. The meeting recorded the attendance of delegates from ASECNA, GCAA, NAMA, Representatives from the Benin Civil Aviation Authority (ANAC/BENIN) and ICAO.

2.2. The meeting addressed the following :

- Review of the Draft document on the technical specifications for the AFISNET Re-engineering and Modernization Project;
- Identify the processes and procedures to be applied in order to expedite the implementation of the project
- Update the project implementation action plan

- 2.3. The meeting shared information on how SNMC Administrations/Organizations carry out the Call for Tenders processes and procedures in order to take advantage of the best practices and agreed ;
- That in case of pre-financing by an Administration, the procedures of that Administration may apply for the Call for Tenders.
 - The Call for Tenders will be advertised by every SNMC member in order to have a maximum number of tenders and the best technical and cost effective solution.
- 2.4. The meeting discussed and updated the technical specifications document in line with the technical, operational and economical requirements. The meeting agreed that the technical specifications for the AFISNET Re-engineering and modernization document should be completed and validated latest by the next SNMC meeting and submitted to the Board for further project management action.
- 2.5. The main features of the new AFISNET-II include but not limited to the following:
- Full IP, meshed, seamless common VSAT network structure;
 - high availability, reliability, integrity, accuracy, service flexibility through powerful routing capabilities;
 - Regional and inter-regional interoperability with regards to the neighboring aeronautical networks;
 - Compliance with regional AFI Air Navigation Plan (AFI ANP) as well as with the Global Air Navigation Plan (GANP-Doc9750), the prioritized Aviation Systems Block Upgrades-ASBU modules of the AFI Region;
 - Compliance with the requirements for the Performance Based Communication and Surveillance (PBCS-ICAO doc 9869);
 - Full redundancy to ensure continuity of services and failure tolerance;
 - Bandwidth management and optimization.
- 2.6. The meeting reviewed and updated the Draft Action Plan for the Re-engineering and modernization of AFISNET, based on the conclusions of the Board Meeting of Montreal on 12th October 2018 as per appendix 2 to the JTE report.

3. ACTION BY THE MEETING

The meeting is invited to:

- Take note of the information provided above,
- Comment and endorse the outcome of the Cotonou JTE Meeting
- Make any proposal to expedite the implementation of the Re-engineering and modernisation of AFISNET

— **END** —