



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

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**Eighteenth Meeting of AFI SATELLITE NETWORK MANAGEMENT COMMITTEE  
(SNMC/18)**

**(Ouagadougou, Burkina Faso, 01-04 June 2010)**

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**Agenda Item 6      Review of the Joint Technical Evaluation Report**

(Presented by Joint Technical Evaluation Team)

**Summary**

The Working Paper presents the report of the Joint technical Evaluation carried out in last May 2010 and calls the SNMC/18 to review and adopt it

**1. Background :**

The last special AFI RAN 08 meeting also urged ICAO and States involved in AFISNET to follow-up on conclusion 16/07 of Satellite Management committee.

- 1) *AFISNET member Administrations and Organizations should implement a joint technical evaluation of the network. In so doing, they should establish a team of qualified experts to:*
  - a) *conduct a comprehensive assessment of the network potential for current and future requirements and applications;*
  - b) *identify technical and operational deficiencies of the current network and propose short term solutions for their mitigation;*
  - c) *develop user requirements and basic specifications for the re-engineering of the network, to be submitted for formal approval by members;*
  - d) *participate in the request for proposals (RFP) process referred to in 2) hereunder; and*
  - e) *prepare a report for consideration by the next SNMC meeting;*
- 2) *a request for proposal (RFP) for upgrading/re-engineering of AFISNET, including technical, operational, financial and institutional aspects should be developed on the basis of a comprehensive assessment of current and future requirements and applications to be supported by the network; and*
- 3) *the ICAO Regional Office propose the timescales for the RFP process and related steps based on 1) above for consideration by the next SNMC meeting.*

The last SNMC/17 conclusion 17/02 held in Monrovia, (23-25 June 2009) and Joint Technical evaluation and re-engineering team leaders meeting (Dakar, 13-14 April 2010) called to implement the Joint Technical Evaluation and Re-engineering of AFISNET according to the terms of terms of reference and the agreed planning and evaluation groups.

The main objectives of the network evaluation are to:

- Identify its deficiencies and non-ICAO, WMO and ITU compliant elements/features;
- make the appropriate recommendations and proposals regarding the short-term, mid-term and long-term solutions and strategies to be implemented using appropriate modern technologies for achieving an enhanced, efficient, high performance, secure, CNS/ATM capable and cost-effective network, meeting interoperability and seamless requirements ; and

The Joint Technical evaluation took place from 1<sup>st</sup> to 17 May and visited eleven (11 AFISNET nodes: Monrovia, Abidjan, Dakar, Lagos, Kano, Accra, Niamey, Ouagadougou, Douala, Brazzaville and Libreville) with the participation of the ASECNA, GCAA, NAMA and Roberts FIR.

## **2. Discussions : Draft report of Joint Technical evaluation of AFISNET**

The joint technical evaluation exercise was conducted on the framework of the agreed templates adopted by all members present in the Dakar meeting.

The teams are pleased to bring to ICAO notice that, we were well received in all the stations visited; technical staffs were extremely willing to readily make available required information/data. Overall, all the stations visited are robust and are working normally. However, since aeronautical services require the utmost from each telecommunication node, the team formulated fifteen (15) recommendations to the attention of the States/organizations

The results of the evaluation are consolidated in the draft report in appendix

## **3. Actions by the meeting**

The meeting is invited to:

- Take note take note of the information provided above;
- Review and adopt the report of the Joint Technical Evaluation Team
- Take in account this report when implementing the Technical audit of the AFISNET
- Take a suitable conclusion related to the subject.