



INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICAN OFFICE

Nineteenth Meeting of the AFI Satellite Network Management Committee (SNMC/19)
(Accra, Ghana, 14-18 November 2011)

Agenda Item 5: Implementation of Special AFIRAN meeting recommendations 6/18

(Presented by the secretariat)

SUMMARY

The purpose of this paper is to analyze the status of implementation of AFI/RAN **Conclusion 6/18: AFISNET Technical Evaluation and re-engineering**, that calls for AFISNET Evaluation and re-engineering;

Reference:

Report of SP AFI RAN Meeting

Report of SNMC 17 & 18 meetings

Conclusions of the first meeting of the Joint Technical Evaluation and Re-engineering Team

Action by the meeting in paragraph 3

1. Introduction

The AFI RAN meeting held in Durban, South Africa from 24 to 29 November 2008 took **Conclusion 6/18: AFISNET Technical Evaluation and re-engineering**, that calls for AFISNET Evaluation and re-engineering and reads as follow:

Implementation of Conclusion 6/18: AFISNET Technical Evaluation and re-engineering:

That, as a matter of urgency, ICAO and States involved in AFISNET follow-up on

Conclusion 16/07 of Satellite Network Management Committee (SNMC/16):

Conclusion 16/07: AFISNET technical evaluation and re-engineering project

That AFISNET member Administrations and Organizations undertake to implement a joint technical evaluation of the network in view of its re-engineering, in accordance with SNMC Conclusion 15/06. In this connection:

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.

Since then, many actions have been undertaken by States/Organizations with ICAO WACAF support to implement this conclusion.

2. Discussion

2.1 During AFISNET 17th meeting (SNMC/ 17) held in Monrovia, Liberia 23-25 June 2009 some disposal was taken to implement this conclusion:

- Outstanding conclusions of SNMC 16 in the matter were considered;
- A Joint Technical Team for AFISNET Evaluation and Re-engineering has been established (conc. 17/02) and conducted the evaluation exercise with its report submitted to SNMC/18.

2.2 SNMC/18 noted that the joint technical evaluation and re-engineering exercise was successfully conducted from 01 to 30 June 2010, as stated in its relevant report.

After discussing at length to find the best way to realize the re-engineering of the network based on the joint technical evaluation, the meeting concluded to update the mandate of the Joint Technical Team for AFISNET Evaluation and re-engineering and tasked it to pursue the technical study for the re-engineering with focus on AFISNET topology, components, base-band and satellite access, and bandwidth optimization.

2.3 This study has been initiated by ASECNA and circulated by the secretariat for inputs. The consolidate document has been E-mailed to organizations prior to this meeting for last comments before the call for tenders process in the view of AFISNET external Evaluation.

The AFISNET external audit needs to have the commitment at the highest level of SNMC members States/organizations and the provision of sufficient resources to fund the evaluation process.

3. Actions by the meeting

The meeting is invited to:

- a) Take note of the above information
- b) Finalize the technical specifications documents with a time scale in the view of for AFISNET external evaluation and re-engineering
- c) Encourage SNMC States/Organizations to pursue their effort to complete the call for tenders' process aiming to implementing conclusions 6/18 of SP AFI RAN.
