INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICA OFFICE
Eighteenth Meeting of the AFI Satellite Network Management Committee
(SNMC/18)
(Ouagadougou, Burkina Faso 1-4 June 2010)

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Agenda Item 5: Implementation of Special AFIRAN meeting recommendations 6/18 and 6/19

(Presented by the secretariat)

SUMMARY

The purpose of this paper is to analyze the status of implementation of AFI/RAN following conclusions:

Conclusion 6/18: AFISNET Technical Evaluation and re-engineering, that calls for AFISNET Evaluation and re-engineering;
Conclusion 6/19: Planning, implementation and operation of very small aperture terminal (VSAT) networks in the AFI Region that calls for regular meetings of all AFI networks managers
 Reference:
Report of SP AFI RAN Meeting
Report of SNMC 17 meeting
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;
- **Conclusion 6/19**: Planning, implementation and operation of very small aperture terminal (VSAT) networks in the AFI Region that calls for regular meetings of all AFI networks managers

2. Discussion

Since Durban meeting, the following actions have been undertaken by States/Organizations with ICAO WACVAF support to implement these conclusions:

2.1 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.

During AFISNET 17 th coordinating meeting (SNMC/ 17) held in Monrovia, Liberia 23-25 June 2009 some disposal was taken to implement this conclusion:
- Outstanding conclusions of SNMC 16 was considered;
- A Joint Technical Team for AFISNET Evaluation and Re-engineering has been established (conc. 17/02);
  - ➢ List of AFISNET Stations to be evaluated established;
  - ➢ GCAA (Ghana), Roberts FIR and ASECNA nominated as Team Leaders of three teams to conduct the evaluation from 15 August to 15 October;

After this meeting ICAO (WACAF) undertook many actions to push the process to its maturity step.
- WACAF Follow up letter SR 3/76-0743 dated 15 October 2009 to states and organizations;
- WACAF letter SR3/76-0032 dated 20 January 2010 to remind SNMC 17 conclusion 02 and ask for nominated Experts and Teams Leaders and evaluation Reports if available;
- List of Experts completed by 16 March 2010;
- Coordinating meeting in WACAF held from 13 to 14 April 2010 with Team;

- The meeting developed the evaluation frame (Chart for data collection, Report frame, planning)
- Evaluation exercise began on May 1st 2010 and is to be completed after the analysis of the report by this current SNMC/18 meeting.

2.2 Implementation of **Conclusion 6/19**: Planning, implementation and operation of very small aperture terminal (VSAT) networks in the AFI Region:

That
all entities involved with planning, implementation and operation of very small aperture Terminal (VSAT) networks in the AFI Region hold regular joint meetings under the auspices of ICAO regional offices for the purpose of harmonization and eventual realization of a seamless AFI communication network supporting all present and future communications, navigation, and Surveillance (CNS) Systems

The SNMC /17 meeting took **conclusion 17/12** (**Follow-up of SP AFI RAN 08 recommendations 6/19**that states as:
That, in accordance with recommendation 6/19 of the SP AFI RAN 08 meeting, ICAO convene as soon as possible all entities involved with planning, implementation and operation of VSAT networks in the AFI Region a joint meeting for the purpose of harmonization and eventual realization of a seamless AFI communication network supporting all present and future CNS systems.

The meeting called by AFI RAN conclusion 6/19 is not held yet because a suitable organization is needed in terms of agenda venue, participation and date of the meeting. In addition, some part of AFI region Networks, namely the CAFSAT Network did not have any supervisory or management body to collect the problems occurring to this network. The CAFSART Network Management committee (CNMC) was newly created during the last SAT/ 15 meeting (Lisbon, Portugal 19-21 May 2010).
So a preparatory period is necessary to gain successful conclusions from these regular joint meetings.
This current SNMC/18 meeting gave the opportunity to invite all States/organizations that host AFISNET node or nodes linked to AFISNET.
Doing so seems to be the good way to prepare the global meeting.

3. Actions by the meeting

The meeting is invited to:

a) Take note of the above information

b) Encourage States/Organizations to pursue their effort to complete the implementation of conclusions 6/18 and 6/19 of SP AFI RAN meeting.