



INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICA OFFICE
Twentieth Meeting of the AFI Satellite Network Management Committee
(SNMC/20)
(Abuja, Nigeria 08-12 October 2012)

Agenda Item 1: Follow up on SNMC/19 Conclusions and Decisions

(Presented by the secretariat)

SUMMARY

The purpose of this paper is to inform the meeting on the status of implementation of the conclusions and Decisions of SNMC 19 meeting held in Accra, Ghana from 14 to 18 November 2011.

Reference: SNMC 19 report

Action by the meeting in paragraph 3

1. Introduction

The Working Paper presents the status of implementation of Conclusions adopted by the SNMC/19th Meeting held in Accra, Ghana, from 14 to 18 November 2011. Follow-up actions indicated in the tables have been established according to information available at the secretariat.

2. Discussion

2.1 The 19th meeting of SNMC (SNMC/19) was held in Accra, Ghana from 14 to 18 November 2011. The meeting deliberated on 11 agenda items and formulated 14 Conclusions and 05 Decisions.

2.2 The secretariat developed the final report that was circulated, finalized and posted at: <http://www.icao.int/WACAF/Pages/meetings-2011-snmc19.aspx>. Since then, many actions have been undertaken by States/Organizations and the secretariat for the implementation of these conclusions and decisions.

3. Action Required

The meeting is invited to:

- a) Review and up-date the status of implementation of SNMC/19 Conclusions and Decisions as attached in **Appendix** to this paper.
 - b) Agree on any other follow-up action thereon.
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Appendix

Status of Conclusions related to SNMC/ 19 Meeting

Conclusions	Implementation Status	Remarks
<p><u>Conclusion 19/01: Implementation of SNMC/18 outstanding conclusions</u></p> <p>That:</p> <p>SNMC member States/Organizations are urged to implement SNMC/18 outstanding conclusions presented in Appendix B and pertaining to corrective actions to be undertaken in order to:</p> <p>a) Restore and stabilize the AFISNET reliability and availability as required;</p> <p>b) Improve maintenance coordination and monitoring procedures.</p>	<p>a) Still valid</p> <p>b) Still valid</p>	<p>States/Organizations to report on recent and current developments</p>
<p><u>Conclusion 19/02: Maintenance Personnel exchange and Training</u></p> <p>That:</p> <p>SNMC States/Organizations should reinforce their bilateral and multilateral maintenance personnel exchange and training including language proficiency by developing short, medium and long term training plans taking into consideration the existing training capability in the Region.</p>	<p>Still valid</p>	<p>States to report</p>
<p><u>Decision 19/03: Development of a training programme for maintenance personnel</u></p> <p>That:</p> <p>a) The current SNMC coordinators (Ghana) coordinate the development before 31 December 2012, of a consolidated training programme for AFISNET maintenance personnel.</p> <p>b) This programme be based on the</p>	<p>Still valid</p>	<p>a) Ghana to report</p> <p>c) Coordination done with INTELSAT</p>

<p>common facilities and the provision of ICAO Training Manual for Air Traffic Safety Electronics Personnel (ATSEP), Doc 7192-AN/857 Part E-2 version 2011</p> <p>c) ICAO WACAF Regional Office coordinate the organization of workshops and seminars by ground and space segment facilities industry;</p>		
<p><u>Decision 19/04: Development of a calibration centre for AFISNET Test Equipments</u></p> <p>That:</p> <p>In accordance with Decision 18/02 of SNMC/18</p> <p>a) ASECNA host the calibration centre called upon by SNMC /18, conduct as Team leader of the technical Team feasibility studies including a cost benefit analysis to be validated by states/organizations and;</p> <p>b) ICAO continue to support the implementation process;</p>	<p>On going</p>	<p>b) Technical specifications under development by ASECNA</p> <p>c) Coordination made between secretariat and ASECNA</p>
<p><u>Decision 19/05: Follow up of the status of implementation of SNMC conclusions</u></p> <p>That:</p> <p>a) States/Organizations nominate and transmit to the secretariat before 31 December 2011 Focal Points in charge of the quarterly reporting of the status of implementation of SNMC conclusions and decisions;</p> <p>b) The electronic media be used by Focal Points for data exchange and reporting to the acting SNMC coordinator</p>	<p>Not implemented</p>	<p>Focal points to be nominated by SNMC 20</p>

<p><u>Decision 19/06: Performance Data Collection Form (PDCF)</u></p> <p>That:</p> <p>In accordance with ICAO guidelines on Performance of Very Small Aperture Terminals and based on the draft conclusion of CNS/SG 4th meeting (<i>Conclusions 4/04, 4/06 and 4/12</i>) SNMC members States adopt the Performance Data Collection Form (PDCF) as attached in Appendix D in order to harmonize related performance measurement methodology within and between AFI satellite based aeronautical networks.</p>	<p>Form adopted by APIRG</p>	<p>States/Organizations to report on the usage of the Form</p>
<p><u>Conclusion 19/07: Four Levels Performance Assessment</u></p> <p>That:</p> <p>a) SNMC Administrations/Organizations take advantage of the four levels Performance Assessment principle and develop a common network Performance Assessment system in order to ensure a common performance evaluation exercise and;</p> <p>b) ASECNA circulate its current model by the end of December 2011 and give any necessary assistance to SNMC members</p>	<p>Not implemented</p>	<p>States/Organization (ASECNA) to report</p>
<p><u>Conclusion 19/08: Upgrade of AFISNET nodes</u></p> <p>That:</p> <p>AFISNET States/Organizations pursue the upgrade of their AFISNET nodes to improve the availability and the reliability of the network in support to CNS/ATM provisions in line with the</p>	<p>Ongoing in the framework of the Joint Technical Team for AFISNET Evaluation and Re engineering</p>	<p>States/Organization to report</p>

new ICAO ASBU concept		
<p><u>Conclusion 19/09: Terms of Reference Action Plan and Timescale of the Audit of AFISNET</u></p> <p>That:</p> <p>a) The Action Plan and the Timescale of the AFISNET audit are adopted as per Appendixes E</p> <p>b) The Audit be conducted before the end of July 2012;</p> <p>c) ICAO continue to coordinate the implementation process of the audit</p>	Partially implemented	<p>The coordination process is achieved by ICAO</p> <p>A low pace of response received from the stakeholders</p> <p>NAMA and GCAA comments on the technical document awaited</p>
<p><u>Conclusion 19/10: Funding mechanism for AFISNET audit</u></p> <p>That:</p> <p>a) A State/Organization be appointed to pre-finance the audit cost in order to carry out the audit as soon as possible;</p> <p>b) States/Organizations make the necessary provision in their budgets to support the shared cost of the audit and pay their shared cost as soon as possible;</p> <p>c) ICAO coordinate the funding mechanism</p>	Not implemented Still valid	
<p><u>Conclusion 19/11: Request for proposals</u></p> <p>That:</p> <p>a) ASECNA draft the Request for Proposals document to be circulated amongst the Joint Technical Team for comments and finalization through E-exchanges;</p> <p>b) The Request for Proposals be launched on 1st February 2012</p>	Not implemented action delayed due to lack of feedback	
<p><u>Conclusion 19/12: AFISNET Administrative Heads Meeting</u></p>	Not implemented	ICAO was waiting for the completion of the technical document

<p>That: ICAO organize a high level meeting of AFISNET Administrative Heads before the end of January 2012 in order to validate and sign a MoU dealing with the different issues (sharing rule, funding, tender conditions, signing of the contract)</p>		received on July
<p><u>Conclusion 19/13: AFISNET Bandwidth re-engineering</u> That: The Working Group on IBS carrier conversion established by SNMC 19 expedite its assignment and report to the coordinator with copy to the secretariat by end of February 2012</p>		Ghana to report as current coordinator
<p><u>Conclusion 19/14: Protection of C band for VSAT operation</u> That: AFISNET States/Organizations</p> <p>a) Support the ongoing process undertaken by AFI/FMG and ICAO ACP/WG/F for the protection of the 3.4-4.2 GHz VSAT downlink band, through a follow up and a lobbying towards their National Telecommunication Regulation Authority;</p> <p>b) Take the appropriate measures to participate in the World Radiocommunication Conference (WRC-12) to support ICAO position including the protection of the 3.4-4.2 GHz band in order to sustain the safe operation of AFI VSAT satellite networks</p> <p>c) ICAO ensure, for the preparation of WRC 12, the necessary coordination arrangements with the other regions operating C Band aeronautical VSATs Networks</p>	Implemented and still valid	See Report on the outcome of ITU WRC-12

<p><u>Conclusion 19/15: Implementation of CNS/SG/4 conclusions related to AFISNET</u></p> <p>That:</p> <p>AFISNET States/Organizations endeavour to implement the conclusions and decisions of CNS/SG/4 related to AFISNET</p>		<p>States/Organizations to Report on</p>
<p><u>Conclusion 19/16: Integration of AFISNET with other AFI regional networks</u></p> <p>That:</p> <p>a) AFISNET States/Organizations pursue their technical cooperation to ensure a seamless interconnection between AFISNET and its neighbouring networks (CAFSAT, NAFISAT, SADC/2);</p> <p>b) ASECNA and ATNS continue their collaboration to satisfy the operational requirements on Aeronautical Fixed Services in particular, the ATS/DS circuits aiming to ensure the coordination between Moroni and Victoria, Moroni and Dar Es Salam centers.</p>		<p>ASECNA and ATNS to report</p>
<p><u>Conclusion 19/17: ICAO Aviation System Block Upgrades concept and Required Communication Performance for AFISNET</u></p> <p>That:</p> <p>In accordance with ICAO guidance material provided in the Global Air Navigation Plan (Doc 9750) and Manual on Required Performance (Doc 9869), AFISNET States/Organizations take advantage of ICAO Aviation System Block Upgrades and Required (ASBU) Communication Performance (RCP) concepts to</p>	<p>Still valid</p>	

<p>continuously improve the network performance to sustain the current communication network (Block 0) in the frame of the future ATM systems requirements.</p>		
<p><u>Decision 19/18: Adoption of the SNMC Form of Agreement</u> That: The SNMC Terms of Reference and Form of Agreement are adopted as attached in Appendix G</p>	Implemented	
<p><u>Conclusion 19/19: MoUs between ASECNA and ATNS to cover network interconnectivity operation</u> That: ATNS and ASECNA establish MoUs that will govern interconnected VSAT Networks operation and maintenance.</p>		ASECNA and ATNS to Report on

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