



INTERNATIONAL CIVIL AVIATION ORGANIZATION  
WESTERN AND CENTRAL AFRICA OFFICE

Fourth Meeting of the Central Atlantic FIR Satellite Network (CAFSAT)  
Management Committee (CNMC/4)

(Buenos Aires, Argentina, 4-5 August 2014)

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**Agenda Item 1: Follow up on CNMC/3 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 CNMC 3<sup>rd</sup> meeting held in Dakar, Senegal from 15 to 16 July 2013.

**Reference:** Report on CNMC/3 Meeting

**Related ICAO Strategic Objectives:** A: *Safety*; B: *Air Navigation Capacity and Efficiency*

**Related ASBU Bloc 0 Modules, Performance Improvement Aerials and Applications:**

**B0-FRTO/PIA3-PBN *En Route Trajectories*;**

**B0-FICE/PIA2-AIDC,**

**B0-DATM/PIA2-AIM,**

**B0-TBO/PIA4-Datalink**

**B0-AMET/PIA2-MET**

**Action by the meeting in paragraph 3**

**1. Introduction**

The Working Paper presents the status of implementation of Conclusions/Decisions adopted by the CNMC/3<sup>rd</sup> Meeting held in Dakar, Senegal from 15 to 16 July 2013.

Follow-up actions indicated in the tables have been established according to information available at the secretariat.

**2. Discussion**

2.1 The 3<sup>rd</sup> meeting of CNMC (CNMC/3) was held in Dakar, Senegal from 15 to 18 July 2013 in prelude to SAT/18 meeting. The meeting deliberated on nine (09) agenda items and formulated eleven (11) Conclusions and Decisions.

2.2 The secretariat developed the final report that was posted at:

<http://www.icao.int/WACAF/Pages/meetings.aspx>.

Since then, many actions have been undertaken by CNMC 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 CNMC/3 Conclusions and Decisions as attached in **Appendix** to this paper.
- b) Agree on any other follow-up action thereon.

**Appendix**

**Status of Conclusions related to CNMC/3 Meeting**

<b>Title</b>	<b>Status Implementation</b>	<b>Remarks</b>
<p><b><u>Agenda Item 1:</u> Review of the status of implementation of the Conclusion/Decision of the second meeting of CNMC (CNMC/2)</b></p> <p><b><u>Conclusion 3/1:</u> Implementation of the outstanding conclusions/decisions of CNMC/2</b></p> <p><i>That:</i></p> <p><i>SAT members implement the outstanding conclusions/decisions of CNMC/2 as presented in <b>Appendix B</b> to the Report</i></p>	<p><b>Still valid</b></p>	<p><b>States/Organizations to report on recent and current developments</b></p>
<p><b><u>Agenda Item 2:</u> Review of the performance of CAFSAT earth stations and the operational statistics of availability for supported links</b></p> <p><b><u>Decision 3/2:</u> Periodic report on CAFSAT Performance</b></p> <p><i>That,</i></p> <p><i>States pursue their effort in the collection of CAFSAT Performance under the Performance Data Collection Form (PDCF) format and report quaternary to CNMC current coordinator (ASECNA) with copy to the secretariat.</i></p>	<p><b>Partially implemented</b></p> <p><b>Portugal is reporting Regularly</b></p>	<p><b>States/Organizations to report</b></p>
<p><b><u>Conclusion 3/3:</u> Automation of the collection of CAFSAT Performance</b></p> <p><i>That,</i></p>	<p><b>Still valid</b></p>	<p><b>Portugal and States to report Collection to be undertaken quaternary</b></p>

<p>a) <i>SAT members undertake the automation of the collection of CAFSAT performance based on the PDCF data collection format.</i></p> <p>b) <i>Portugal to share the software tool currently used to monitor AFS performance</i></p>		
<p><b>Decision 3/4:</b> Establishment of a study Group for the Automation of CAFSAT Performance</p> <p><i>That,</i></p> <p><i>A CNMC specialized Study Group be established in order to develop by end of year 2013 technical requirements for the automation of CAFSAT Performance with Terms of Reference Composition and Work Programme presented in <b>Appendix C</b></i></p>	<p><b>Still valid not implemented</b></p>	<p><b>Team leading assignment to be established</b></p>
<p><b>Agenda Item 3:</b> Implementation of recommendations 6/19 of Special AFIRAN meeting</p> <p><b>Conclusion 3/5:</b> Participation of SAT members to the AFI Task Force on Integrated Regional telecommunication Infrastructure</p> <p><i>That,</i></p> <p><i>CNMC concerned members ( Cape Verde, Cote d'Ivoire, Mauritania, Morocco, Senegal) endeavor to regularly attend the meeting of the AFI Task Force on Integrated Regional telecommunication Infrastructure</i></p>	<p><b>Still valid</b></p>	<p><b>Low pace of participation of concerned States/Organization to the Regional meeting</b></p> <p><b>Participation noted for ASECNA&amp; ATNS</b></p>

<p><b><u>Agenda Item 4: Interconnection and interoperability of CAFSAT with its neighboring networks</u></b></p> <p><b><u>Conclusion 3/6: Communication Requirement between Abidjan, Cayenne, Dakar, Piarco, Recife, Sal and Santa Maria</u></b></p> <p><i>That;</i></p> <p><i>a) In order to ensure a sustainable Aeronautical Fixed Service between ATCs, Atlántico (Brazil), Sal Fir (Cape Verde), Dakar Fir (Cote d’Ivoire, Senegal), Cayenne Fir (French Guyana), Santa Maria Fir (Portugal), and Piarco Fir (Trinidad &amp; Tobago) envisage the establishment of direct links based on the existing satellite VSAT networks (AFISNET and CAFSAT) and conduct case by case technical analysis taking into consideration the cost effectiveness of the possible solutions.</i></p> <p><i>b) SAT Secretariat to coordinate technical meetings (including teleconferences and e-meetings) for collaborative decision making and report to next CNMC meeting.</i></p>	<p><b>Still valid</b></p>	<p><b>Coordination between ASECNA and Cayenne FIR undertaken</b></p> <p><b>Concerned Firs to report on the activities</b></p>
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<p><b><u>Agenda Item 5:</u> Outcome of ITU WRC-12 pertaining to VSATs Networks and preparation of WRC-15</b></p> <p><b><u>Conclusion 3/7:</u> Support to ICAO position for WRC-15 and Protection of the C-Band operated by CAFSAT Network</b></p> <p><i>That;</i></p> <p><i>CNMC members support ICAO position for WRC-15 and take the appropriate actions aiming to protecting the C-Band operated by CAFSAT Network by:</i></p> <ul style="list-style-type: none"> <li><i>a) Registering CAFSAT nodes in the ITU data base through their National Regulator of Telecommunication;</i></li> <li><i>b) Sensitizing their National Regulator of Telecommunication on international Civil Aviation requirements for spectrum;</i></li> <li><i>c) Promoting the ICAO contribution to the ITU-R Working Parties in preparation to WRC-15</i></li> </ul>	<p><b>Still valid</b></p>	<p><b>States/Organizations to report</b></p>
<p><b><u>Agenda Item 6:</u> CAFSAT modernization and re-engineering</b></p> <p><b><u>Decision 3/8:</u> Appointment of the Team Leader of the Joint Technical Team for CAFSAT Modernization and Re-engineering</b></p> <p><i>That;</i></p> <p><i>Nav Portugal is appointed as Team Leader for the Joint Technical Team for CAFSAT Modernization and Re-engineering</i></p>	<p><b>Implemented</b></p>	

<p><b><u>Conclusion 3/9: Re-schedule of CAFSAT re-engineering</u></b></p> <p><i>That;</i></p> <p><i>CAFSAT modernization and re-engineering be rescheduled taking into consideration the recent progress development reported by CNMC members;</i></p> <p><i>a) The Team Leader in collaboration with the industry develop by end of September, a table aiming to facilitating the coordination of the re-engineering exercise;</i></p> <p><i>b) The table will contain the planned actions with expected deadline and the components of the nodes upgrades</i></p>	<p><b>Still valid</b></p>	<p><b>Nav Portugal to report</b></p>
<p><b><u>Agenda Item 7: Review of the Terms of Reference and Work Programme of CNMC</u></b></p> <p><b><u>Conclusion 3/10: Terms of Reference and Work Programme of CNMC</u></b></p> <p><i>That;</i></p> <p><i>The Terms of Reference and Work Programme of CNMC are adopted as presented in <b>Appendix D</b></i></p>	<p><b>Implemented</b></p>	
<p><b><u>Agenda Item 8: Review of the draft Conclusions/Decisions of CNMC/3 Meeting</u></b></p>		
<p><b><u>Agenda Item 9: Any other business</u></b></p> <p><b><u>Decision 3/11: Follow up of the outcome of the ICAO 12<sup>th</sup> Air Navigation Conference</u></b></p>	<p><b>Still valid</b></p>	

<p><i>That;</i></p> <p><i>When conducting CAFSAT modernization, CNMC members consider the requirement of ICAO Aviation System Blocs Upgrades (ASBU) and the CNS Roadmap developed by ICAO 12<sup>th</sup> Air Navigation Conference</i></p>		
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