



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

**Eighteenth Meeting on the improvement of Air Traffic
Services over the South Atlantic (SAT/18)
Dakar, Senegal, 17 to 19 July 2013**

Agenda Item 2: Air traffic management (ATM)

2.1 Follow up of SAT/17 Conclusions pertaining to the ATM field

Agenda Item 3: Communications, Navigation and Surveillance (CNS)

3.1 Follow up of SAT/17 Conclusions pertaining to the CNS field

(Presented by the Secretariat)

SUMMARY

This paper presents the status of implementation of conclusions and discussions emanating from the **SAT/17 meeting** (Las Palmas, Canarias, 18 to 20 April 2012)

Reference:

SAT/17 meeting report

1. Introduction

- 1.1 This Working Paper presents the status of implementation of Conclusions and Decisions adopted by the SAT/17 Meeting held in Las Palmas, Canarias, from 18 to 20 April 2012. Follow-up actions indicated in the tables have been established according to information available at the secretariat.

2. Action Required

- 2.1 The meeting is invited to:
- a) Review and up-date the implementation status of SAT/17 Conclusions and Decisions at **Appendix A**.
 - b) Agree on any other follow-up action thereon.

Status of Conclusions and Decisions related to SAT/17 Meeting

Conclusions and Decisions	Implementation Status	Remarks
<p><u>Decision SAT17/01: EURSAM corridor Collision Risk Assessment</u></p> <p>That SAT States provide SATMA with the air traffic data for the first half of 2011 by end of June 2012, and the data for the second half of 2011 as soon as possible.</p>	<p>ongoing</p>	<p>SATMA will report on the issue</p>
<p><u>Conclusion SAT17/01: LHD</u></p> <p>That:</p> <ol style="list-style-type: none"> a. SATMA, Brazil, Cape Verde, Senegal and Spain, work on measures to decrease amount of LHDs. b. Identify measures to be implemented by amending agreements affecting those four States c. SAT ACCs, aircraft operators and adjacent RMA continue reinforcing safety culture by reporting and analyzing the LHD 	<p>ongoing</p>	<p>SATMA and States concerned will report on this issue</p>

Conclusions and Decisions	Implementation Status	Remarks
<p>Conclusion SAT17/02: Extension of AORRA as per Conclusion SAT16/03</p> <p>That:</p> <p>Abidjan ACC and Accra ACC</p> <p>a. Implement as agreed, the extension of AORRA air space to 04° North, at effective AIRAC 20 SEP 2012 with publication date AIRAC 26 July 2012.</p> <p>b. Fully coordinate with Roberts FIR prior implementation</p>	<p>Implemented</p>	
<p>Conclusion SAT17/03: Implementation of ADS-C/CPDLC in the AORRA Space</p> <p>That in order to improve safety and enhance ATC operations, IATA encourage aircraft operators to make use of ADS-C/CPDLC and promote aircraft equipage.</p>	<p>Continuous</p>	
<p>Conclusion 17/04: Implementation of the ATS/DS Circuit between Luanda and Atlantico</p> <p>That as a matter of urgency:</p> <p>a) Angola confirm to SAT members the schedule within which it intends to implement the CAFSAT node of Luanda taking into consideration the project of modernization of Recife CAFSAT node planned by Brazil;</p> <p>b) Angola and Brazil convene under ICAO auspices, and no later than end of September 2012, a coordination meeting to agree on a planning of the effective implementation of the ATS/DS circuit between Luanda and Recife before the end of June 2013</p>	<p>ongoing</p>	<p>Teleconference held between Atlántico, Luanda, IFEDES (INSA) and secretariat</p> <p>Luanda station under purchasing process</p> <p>Angola and Brazil to update on the current situation</p>
<p>Conclusion 17/05 Trials for extension of ATS-N5 Voice switching protocol</p> <p>That SAT States pursue the trials on ATS-N5 Voice switching protocol based on the test bed developed by Spain and report to SAT/18.</p>	<p>Still valid</p>	<p>States to report</p>
<p>Decision 17/02: Operational Requirements for ADS Data Sharing</p> <p>That the Terms of Reference and work programme of the CFRA be reviewed to include the study on the operational requirements for ADS-C Data Sharing.</p>	<p>Still valid</p>	

Conclusions and Decisions	Implementation Status	Remarks
<p><u>Conclusion 17/06</u> Implementation of AMHS within the SAT region</p> <p>That in order to ensure a coordinated AMHS interconnection:</p> <p>a) ICAO Regional Office of Dakar develop and circulates between SAT members a template on the current status of implementation of AMHS;</p> <p>b) SAT members report on the future development of the ongoing and/or planned project for the implementation of AMHS;</p> <p>c) ICAO pursues the assistance to SAT members in the implementation of AMHS through Regional seminars and workshops.</p>	<p>ongoing</p>	<p>Template developed and circulated</p> <p>Collection of information from States on going</p>
<p><u>Conclusion 17/07:</u> Trials on AMHS systems</p> <p>That when implementing AMHS systems SAT members take the necessary actions to conduct trials with their neighboring centers through Memorandum of Understandings (MoU) as called upon by SAT/16 conclusion 16/12.</p>	<p>Still valid</p>	
<p><u>Decision 17/03:</u> Performance Data Collection Form</p> <p>That the Performance Data Collection Form adopted by APIRG/18 meeting and presented in Appendix C to this report be used by SAT members to assess the operational and technical performance of AFS.</p>	<p>Still valid</p>	
<p><u>Conclusion 17/08:</u> Development of a consolidated procedure for the analysis of missing Flight Plans</p> <p>That in accordance with the statement of conclusion SAT/16/15, ASECNA circulate by the end of May 2012, the draft procedure amongst SAT members for consolidation and assessment of the missing flight plans to be reported to SAT/18.</p>	<p>Still valid</p>	<p>ASECNA to report</p>
<p><u>Conclusion 17/09:</u> ATS voice circuits implementation by double hoop satellite link through the REDDIG, CAFSAT and AFISNET networks</p> <p>That:</p> <p>a) Argentina, Brazil, French Guyana, Santa Maria, Senegal, South Africa, Trinidad & Tobago, Uruguay and Cote d'Ivoire confirm to the</p>	<p>Still valid</p>	<p>Concerned parties to report</p>

Conclusions and Decisions	Implementation Status	Remarks
<p>respective ICAO regional offices by the end of September 2012 their plan to implement ATS voice trials using a double hoop satellite link through the REDDIG, CAFSAT and AFISNET networks following the draft Action Plan developed by SAT/16 (Appendix D to SAT/16 report), in order to complete the pending direct circuit implementation between CAR /SAM, AFI and NAT.</p> <p>b) AFI SAM and NAT ANPs to be amended accordingly.</p>		
<p>Decision SAT17/04: Nomination of contact persons for the joint technical team for CAFSAT evaluation and re-engineering.</p> <p>That SAT concerned members communicate to Spain (Team Leader) the name and the title of their designated contact person for the joint technical team for CAFSAT evaluation and re-engineering no later than end of April 2012</p>	<p>Still valid</p>	<p>Organization Lead to be reconsidered</p>
<p>Decision SAT17/05: CAFSAT Reengineering Roadmap and Reference Document</p> <p>That:</p> <p>a) The CAFSAT Reengineering schedule and its Reference Working Document developed by Spain are approved as presented to SAT states.</p> <p>b) CNMC members follow up and provided Spain with the adequate additional information for the development of the project</p>	<p>Still valid</p>	
<p>Decision SAT17/06: Holding of CNMC meetings</p> <p>That in order to ensure coordination and optimize resources, CNMC and SAT/FIT meetings are held at the same venue and dates with merged sessions if necessary.</p>	<p>Implemented</p>	

Conclusions and Decisions	Implementation Status	Remarks
<p><u>Conclusion SAT17/10:</u> Participation of SAT members to the meetings of the Task Force on an integrated AFI Aeronautical VSAT Networks</p> <p>That SAT concerned members namely Angola, Cape Verde, Cote d'Ivoire, Ghana, Mauritania, Spain, Senegal, South Africa, Roberts endeavor to regularly participate in the meetings of the Task Force on an integrated AFI Aeronautical VSAT Networks aiming to harmonize the implementation of a robust satellite based backbone network for the provision of ATN components and other CNS services.</p>	<p>Implemented</p>	
<p><u>Decision SAT 17/07:</u> Adoption of SAT/FIT/7 Report</p> <p>That the SAT/FIT/7 Report and its conclusions are approved as presented to SAT/17Meeting.</p>	<p>Implemented</p>	
<p><u>Conclusion SAT17/11:</u> Implementation of RNP 4</p> <p>That:</p> <p>a. SATMA and SAT States initiate study for a mandatory target date for aircraft FANS equipage on the routes in the corridor in close coordination with NAT region.</p> <p>b. IATA assist with the data.</p>	<p>Still valid</p>	<p>SATMA and others will report on this issue to SAT18 meeting under agenda item 4.2</p>
<p><u>Conclusion SAT17/12:</u> SATISFIED Project</p> <p>That Spain introduce strategic partnership to reduce emission in the EUR/SAM Corridor to improve energy efficiency through the development and the implementation of environmental friendly procedures.</p>	<p>ongoing</p>	<p>Spain to report on this issue</p>

Conclusions and Decisions	Implementation Status	Remarks
<p><u>Decision 17/08:</u> work programmes of SAT ATM & CNS/WGs</p> <p>That the work programmes of SAT ATM & CNS/WGs are amended as shown at Appendix x to this report</p>	<p>Implemented</p>	
<p><u>Conclusion 17/13:</u> Participation of Rochambeau and Piarco to SAT Meetings</p> <p>That as a matter of coordination efficiency Rochambeau and Piarco ACCs endeavour to regularly attend the SAT meetings</p>	<p>Continuous</p>	<p>Invitation letter sent by the secretariat to ACCs concerned</p>