



**FIRST MEETING OF SAT/14/TASK FORCE
SAT14/TF1
(Sal, Cape Verde, 10-12 June 2009)**

Agenda Item 1: Review of SAT/14 Report

Review of the conclusions of the Fourth Meeting of the FANS I/A Interoperability Team (SAT/FIT/4)

SUMMARY

This paper presents the conclusions of the fourth meeting of the FANS 1/A Interoperability Team (SAT FIT 4) to the SAT14 TF1 meeting as per the SAT FIT Terms of Reference and Work Programme.

- Reference: SAT FIT 4 Conclusions

1. Introduction

1.1 This Working Paper presents the conclusions adopted by the fourth meeting of the FANS 1/A Interoperability Team (SAT FIT 4) held in Sal, Cape Verde, from 8 to 9 June 2009.

1.2 The SAT FIT 4 meeting considered the following agenda:

- 1 Adoption of the Agenda
2. Review of the terms of reference of the FANS 1/A Interoperability Team
3. Review of SAT/FIT/3 Report
4. Review of ADS/CPLC programmes and implementation activities in SAT FIRs
5. System performance monitoring and maintenance
 - a. Interoperability requirements
 - b. Safety monitoring aspects
 - c. Problem identification, reporting and resolution procedures
6. Future work programme
7. Any other business

2. Discussion:

The fourth meeting of the FANS 1/A Interoperability Team adopted nine (9) conclusions shown in Appendix A to this paper. The FIT reviewed and amended its Work Programme as per Appendix B to this paper.

3. Action Required

The Task Force is invited to:

Review and approve the conclusions of the SAT FIT 4 meeting, and the amended Work Programme of the FIT at Appendix A and B respectively.

**APPENDIX A
SAT FIT4 DRAFT CONCLUSIONS**

Number	Title
Conclusion SAT FIT 4/1	<p>ADS/CPDLC in the SAT Area That:</p> <p>a) SAT members implement of the various conclusions related to the need for implementation/operational application of ADS/CPDLC in the SAT area by no later than the end 2010; and</p> <p>b) Canarias FIR, Dakar Oceanic FIR and Atlántico FIR (EUR/SAM Corridor), will take the appropriate measures aiming at full operational implementation by August 2009, in compliance with previous SAT conclusions.</p>
Conclusion SAT FIT 4/2	<p>Hosting of the Central FANS Reporting Agency (CFRA) That</p> <ol style="list-style-type: none"> 1. The CFRA be in place by 2010 2. The CFRA Cost recovery is supported by the FIT in principle. 3. Technical service providers be invited by Secretariat to present their proposals to the FIT by SAT FIT5 4. SATMA provide a business case, including financial implications and funding options: <ol style="list-style-type: none"> a) for review by the FIT in order to ensure full transparency of the process, and b) to assist SAT States in making a final and informed decision. <p><i>Note: Brazil is presently not committed to this conclusion as the Brazilian delegation needs approval from Brazilian authorities regarding the issue of funding.</i></p>
Conclusion SAT FIT 4/3	<p>Participation at SAT FIT meetings That:</p> <p>a) In case the regulator is different than the service provider, SAT States should ensure participation of regulators in the SAT/FIT meetings in order to have full commitment to the implementation activities; and</p> <p>b) Main airline representatives should also participate in the SAT/FIT meetings.</p>
Conclusion SAT FIT4/4	<p>Update of ADS/CPDLC activities by States:</p> <p>That States should update their plan of action/activities at Appendix D to SAT FIT/2 report and return to the Rapporteur (johnnys@atns.coza) as an on going activity for presentation to SAT Meetings.</p>

<p>Conclusion SAT FIT 4/5</p>	<p>Update of FOM</p> <p>That a new controlled version of the FOM to be posted to the corresponding ICAO Website.</p> <p><i>Note: Latest version of FOM is version 6. Any further amendments to be forwarded to the Rapporteur</i></p>
<p>Conclusion SAT FIT 4/6</p>	<p>Standardization of ADS- CPDLC functionalities within the SAT</p> <p>That</p> <ol style="list-style-type: none"> 1) the FIT members as a working group develop a roadmap and make the necessary proposals to address : <ul style="list-style-type: none"> • an AIP Supplement Model to be used by SAT States in future; • a common update rate for periodic contracts; • the parameters applied to trigger events contracts; • FANS 1/A non recognized messages; • Possible changes of LOA/LOPs • The altitude change range regarding RVSM airspace and non RVSM airspace 2) The Secretariat will initiate the process by July 2009 and all discussions will be by electronic correspondence
<p>Conclusion SAT FIT 4/7</p>	<p>Use of ADS-C/CPDLC in south Atlantic</p> <p>That IATA and ICAO urges all airlines with suitably equipped aircraft to make use of ADS-C/CPDLC technologies to enhance safety and efficiency of operations within the south Atlantic.</p>
<p>Conclusion SAT FIT 4/8</p>	<p>ADS-C/CPDLC Systems Interoperability in SAT Area</p> <p>That Member States ensure interoperability of their systems and cooperate to implement data and applications exchange to improve operational coordination and air navigation safety .</p>
<p>Conclusion SAT FIT 4/9</p>	<p>Amendment to the SAT FANS 1/A INTEROPERABILITY TEAM work programme</p> <p>That SAT FIT work programme is amended as shown in Appendix XX to SAT FIT 4 report.</p>

APPENDIX B

AMENDED WORK PROGRAMME OF THE SAT FANS 1/A INTEROPERABILITY TEAM

WORK PROGRAMME		
TASK No.	SUBJECT	TARGET DATE
1.	Oversee FANS 1/A system performance monitoring to ensure that the system continues to meet safety and interoperability requirements and that operations and procedures are working as specified.	Continuous
2.	Carry out studies on the establishment of a sustainable central reporting agency (CRA) and related institutional issues	SAT 15
3.	Harmonize ADS/CPDLC programmes developed by SAT States/FIRs.	Continuous
4.	Assist member States with cost-benefit aspects related to their implementation of ADS/CPDLC programmes.	Continuous
5.	Maintain ADS/CPDLC operational guidance material updated.	Continuous
6.	Conduct studies related to the implementation of the Global ATM Operational Concept and other enabling concepts within the SAT area.	Continuous
<p><i>Note: The SAT FIT should submit its meeting reports and proposals to the SAT Working Group.</i></p>		
COMPOSITION		
<ul style="list-style-type: none"> • <i>The SAT FANS-1/A Interoperability Team (FIT) of multi-disciplinary nature shall comprise of experts from States responsible of FIRs in AFI and SAM routing areas AR1/AH2 and AR2/AH8 as defined in the Global Air Navigation Plan (ICAO Doc 9750), and experts from adjacent FIRs and international organizations.</i> • Team Leader: <i>South Africa</i> • Working arrangements: <i>The SAT FIT should complete its work and submit its proposals to the SAT ATM Working Group. The SAT FIT should work through electronic correspondence prior to meetings.</i> 		
