



International Civil Aviation Organization
South American Office
**Sixteenth Meeting on the improvement of Air Traffic Services
over the South Atlantic (SAT/16)**
Recife, Brazil, 4 to 6 May 2011

**Agenda Item 3: Review of the conclusions of the Sixth Meeting of the FANS I/A
Interoperability Team (SAT/FIT/6)**

(Presented by Secretariat)

| Summary |
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| This paper presents the conclusions of the fourth meeting of the FANS 1/A Interoperability Team (SAT FIT 6) to the SAT16 meeting as per the SAT FIT terms of reference and work programme. |
| Reference: SAT FIT 6 Conclusions. |

1. Introduction

1.1 This working paper presents the conclusions adopted by the Sixth meeting of the FANS 1/A Interoperability Team (SAT FIT 6) held in Recife, Brazil on 3 May 2011.

1.2 The SAT FIT 6 meeting considered the following agenda:

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

2. Discussion

The Sixth meeting of the FANS 1/A Interoperability Team adopted four (4) conclusions and (3) decisions 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 6 meeting, and the amended Work Programme of the FIT, at Appendix A and B respectively.

APPENDIX A

**SIXTH MEETING OF THE FANS I/A INTEROPERABILITY TEAM (SAT/FIT/6)
RECIFE, BRAZIL, 3 MAY 2011**

DRAFT LIST OF CONCLUSIONS

| Number | Title |
|-----------------------------------|---|
| Decision SAT FIT 6/1 | ADS/CPDLC implementation status in the SAT Area That SAT/FIT members that have not done so, provide the Rapporteur with ADS-C/CPDLC implementation and interoperability status in order to complete a follow up table that will be distributed to all. |
| Conclusion SAT FIT 6/1 | ADS-CPDLC operations by Airlines That IATA continues encouraging Airlines to increase their level of participation in ADS-C/CPDLC operations in order to enhance safety and efficiency of operations within the SAT area. |
| Conclusion SAT FIT 6/2 | CPDLC message set That ATS Units and Aircraft operators draw the attention of the controllers and flight crew members to the use of the preformatted message elements when ever applicable and strictly limit the use of free text messages to specific reports. |
| Conclusion SAT FIT6/3 | CFRA That <ol style="list-style-type: none">1) The meeting calls for an ANSP to volunteer for the performing of the CFRA functions2) The rapporteur consider the possibility for technical services providers to present their offers for the performing of CFRA functions, including a cost recovery system. |
| Decision SAT FIT 6/2 | System Performance Monitoring That <ol style="list-style-type: none">1) SATMA will provide the SATFIT Rapporteur with the existing procedure developed for the identification, reporting and resolution of system performance shortcomings2) This procedure will be distributed by the SATFIT rapporteur to SAT members for CFRA data collection by 31 May 2011 |
| Conclusion SAT FIT 6/4 | OPTIMI That SAT members support the OPTIMI initiative to integrate current technologies and procedures for the improvement of safety across the Atlantic. |
| Decision SATFIT 6/3 | SAIRE That SAT members take note of the SAIRE initiative and other Regional ATM initiatives, to improve energy efficiency and lower aircraft noise through the development and implementation of environmentally friendly procedures for all phases of flight. This initiative will be referred to the SAT16 meeting for consideration. |

APPENDIX B

**TERMS OF REFERENCE, WORK PROGRAMME AND COMPOSITION OF THE SAT
FANS 1/A INTEROPERABILITY TEAM (SAT/FIT)**

1. The SAT FANS 1/A Interoperability Team (SAT/FIT) has been established to 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.
2. The FIT main objectives are to:
 - a) Monitor and harmonize ADS-C/CPDLC operations / trials being carried out by SAT States and adjacent States;
 - b) Review identified problem reports and determine appropriate resolution;
 - c) Develop interim operational procedures to mitigate the effects of problems until such time as they are resolved;
 - d) Monitor the progress of problem resolution;
 - e) Prepare summaries of problems encountered and their operational implications;
 - f) Assess system performance based on information in Central FANS Reporting Agency (CFRA) periodic reports;
 - g) Co-ordinate system operations/testing; and
 - h) Ensure harmonization of ADS/CPDLC procedures (Operation & maintenance).

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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 16 |
| 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 in the fields of Communications and Surveillance. | Continuous |
| <i>Note: The SAT FIT should submit its meeting reports and proposals to the SAT Working Group.</i> | | |
| 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: South Africa 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> | | |

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