



## Western and Central African Office

## Eleventh Meeting on the SAT FANS 1/A Interoperability Team (SAT-FIT/11)

Lisbon, Portugal, 4-5 June 2016.

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**Agenda Item 3: Review of ADS/CPDLC programmes and implementation activities in SAT FIRs****FANS 1/A implementation status in the South Atlantic region**

(Presented by SITAONAIR)

**SUMMARY**

This WP presents the status for FANS 1/A implementation of South Atlantic Air Navigation Service Providers using SITA AIRCOM services.

Reference: REPORT OF THE TENTH MEETING OF THE SAT FANS 1/A INTEROPERABILITY TEAM (SAT/FIT/10)

**Action by the meeting:** see paragraph 3

**1. Introduction**

1.1 The data link service provider (DSP) enables an Air Navigation Provider to provide the FANS 1/A data link applications to customer aircraft using the DSP communication services such as VHF, VDL, HF DL and Satellite for FANS 1/A such as:

- ATS Facilities Notification (AFN);
- Automatic Dependent Surveillance (ADS); and
- Controller Pilot Data Link Communications (CPDLC).

**2. Discussion**

2.1 The provision of FANS 1/A data link service comprises different activities such as provision and monitoring of local tail circuits and associated hardware installation, technical support, testing, assisted operation and service management.

2.2 SITA is currently the data link service provider (DSP) in support of all SAT States delivering FANS services or performing FANS trials in that airspace and provides monthly performance reports to each ANSP connected to SITA AIRCOM network.

2.3 SITA keeps internetworking with other DSPs such as ARINC and AVICOM in Japan for ATS traffic purpose.

2.4 FANS traffic growth has been consolidated through the years as long ANSPs and airlines make use of ADS-C to report position and CPDLC to communicate with each other. The **Appendix A** to this working paper shows the general statistics for FANS traffic in the South Atlantic region that has been handled by SITA.

**3. Action by the meeting**

The meeting is invited to:

- a) Take note and review the information provided in this Working paper
- b) Review the content of the Appendix A;
- c) discuss any other related matters as the Meeting may deem appropriate

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**APPENDIX A: SOUTH ATLANTIC FANS**

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