

**International Civil Aviation Organization**  
**Sixteenth Meeting on the Improvement of Air Traffic Services over the**  
**South Atlantic (SAT/ 16)**  
**(Recife, Brazil, 3 - 6 May 2011)**

**Agenda Item 2 : Communication, Navigation and surveillance (CNS)**  
**Review of ATS Performance**

*(Presented by ASECNA)*

**SUMMARY**

The present working paper reviews AFS performance in the centers of Dakar and Nouakchott where ASECNA have CAFSAT nodes.

**1. Introduction:**

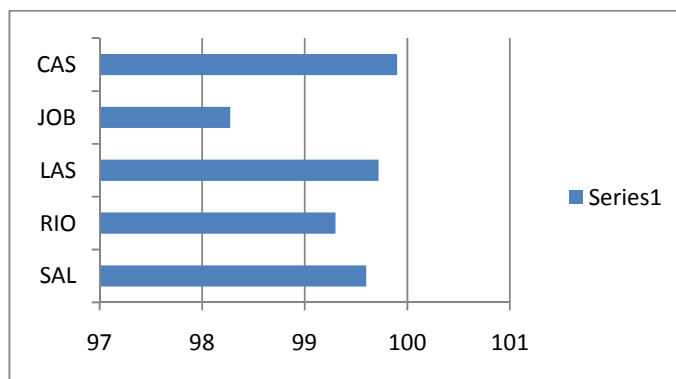
The periodic review of the SFA circuit performance enables us to make preventive actions to ensure availability of ATS data and effectiveness of the coordinations between centers and in the objective to share information about the statistics of availability of CAFSAT circuits regarding the conclusion 15/14 of the SAT 15 meeting.

This working paper shows us the AFTN and ATD/DS circuits performance at Dakar and Nouakchott centres.

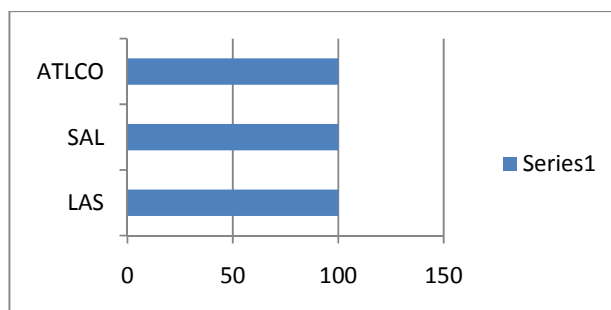
**2. Discussion:**

For the 2010 year, the AFS circuit performances are summarized below:

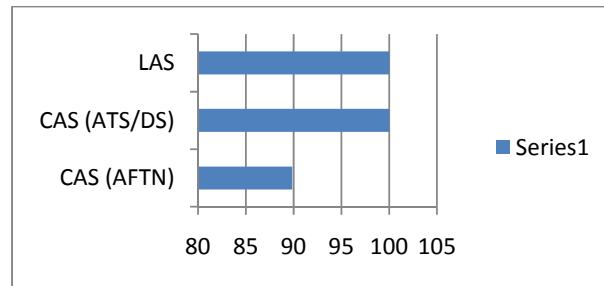
**AFTN circuits in Dakar center:**



**ATS/DS circuits in Dakar center:**



And for Nouakchott center,



Analyzing these graphs, two points can retain our attention:

- The Dakar AST/DS circuits have a good performance, and the availabilities of the AFTN circuits are superior to 98 %;
- The Nouakchott/Casablanca AFTN circuit: its availability is about 90%. It results from some breakdowns at the level of the AFTN switch. This circuit is used like a back up of the normal routing (via Dakar).

### 3. Action by the meeting:

The meeting is invited to:

- Take note of the information above;
- Encourage states/organizations to share AFS performance among SAT states.