



INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICA OFFICE
Eighteenth Meeting on the Improvement of the Air Traffic Services over the
South Atlantic (SAT/18)
(Dakar, Senegal, 17-19 July 2013)

Agenda Item 3: Communication Navigation, Surveillance

(Presented by ASECNA)

Summary

This working paper reports the 2012 and 2013 performances of the aeronautical fixed services supported by CAFSAT in ASECNA

1. Introduction

The CAFSAT network has been designed and implemented since 2000 with the goal to support the provision air navigation services in the SAT region. Two nodes are implemented in ASECNA area, in Dakar (in 2000) and in Nouakchott (in 2007) and contribute to the safe operation of the air navigation services in the SAT region.

This working paper reports the 2012 & 2013 performances for the aeronautical fixed services regarding the links between these centers and the involved correspondent CAFSAT centers as well as the performances of the nodes.

2. Discussion

Performance of AFS

Globally, from 2012 to 2013, the AFS circuits operated satisfactory and met performance required by ICAO (97% availability). However from time to time some failures are recorded most of the time due to end users systems (AFTN switches, VCCS, MUX) and coordination between of the centers overcome to the dysfunctions

The availability diagram regarding AFTN circuits for Nouakchott and Dakar centers are presented in Appendix A. It can be noted that service performed satisfactory in general.

However :

- a failure affected slightly the Casablanca AFTN circuit availability in February 2013 and the two centers coordinated to solve the problem.
- a failure on the AFTN link with Johannesburg affected slightly the availability in may 2013

The availability ATS/DS circuits for Nouakchott and Dakar centers are presented in Appendix B which records a good availability for 2012 & 2013. The coordination between Sal and Dakar allowed solving the instability recorded in 2012.

3. Action by THE MEETING

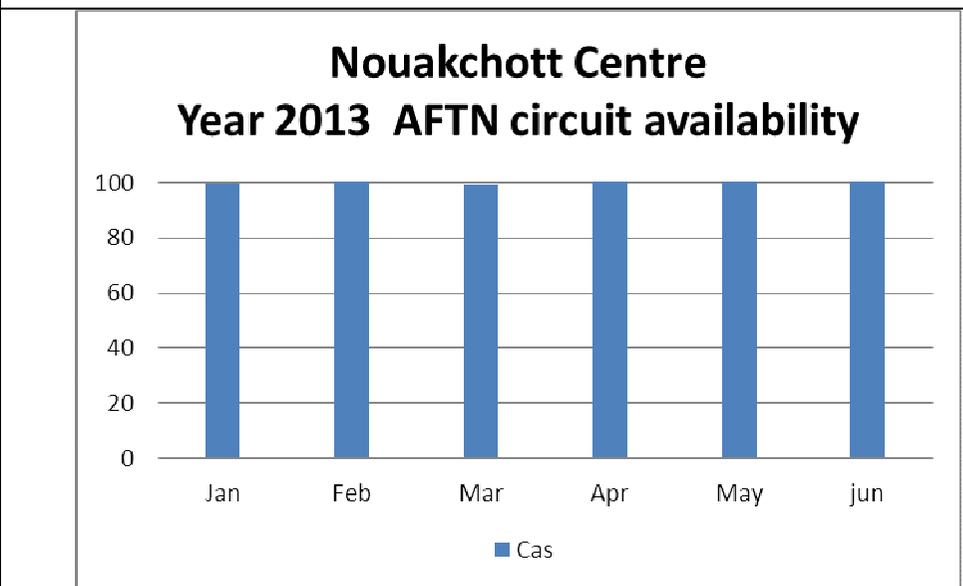
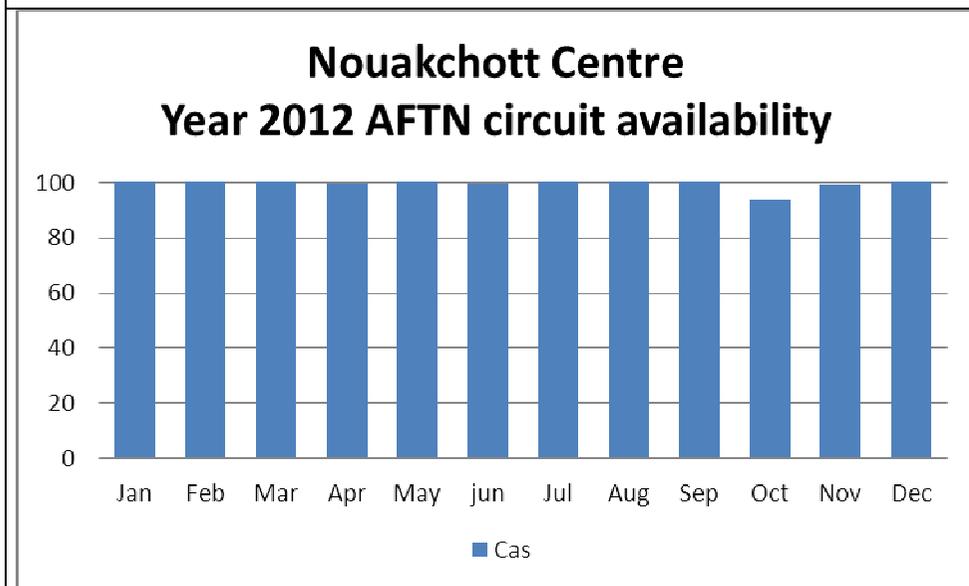
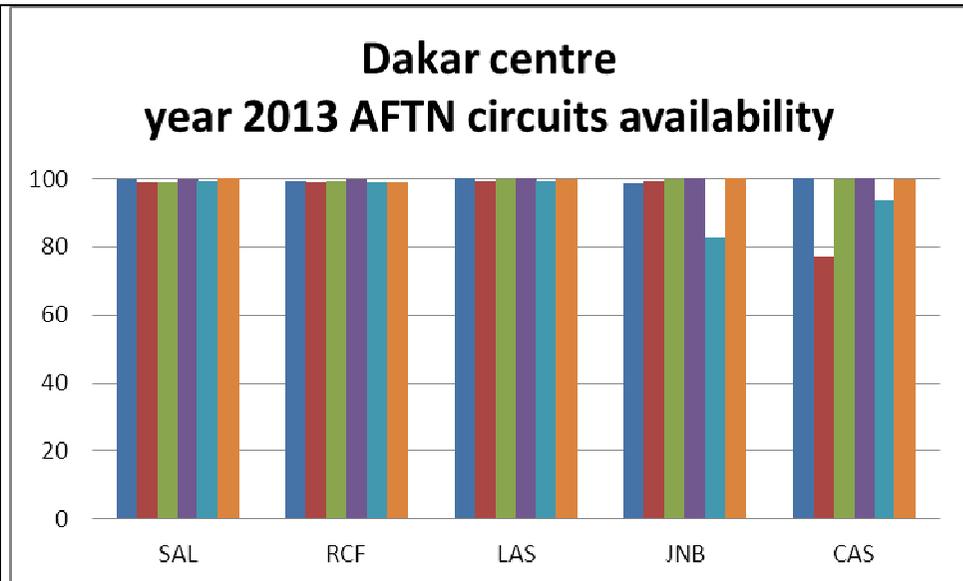
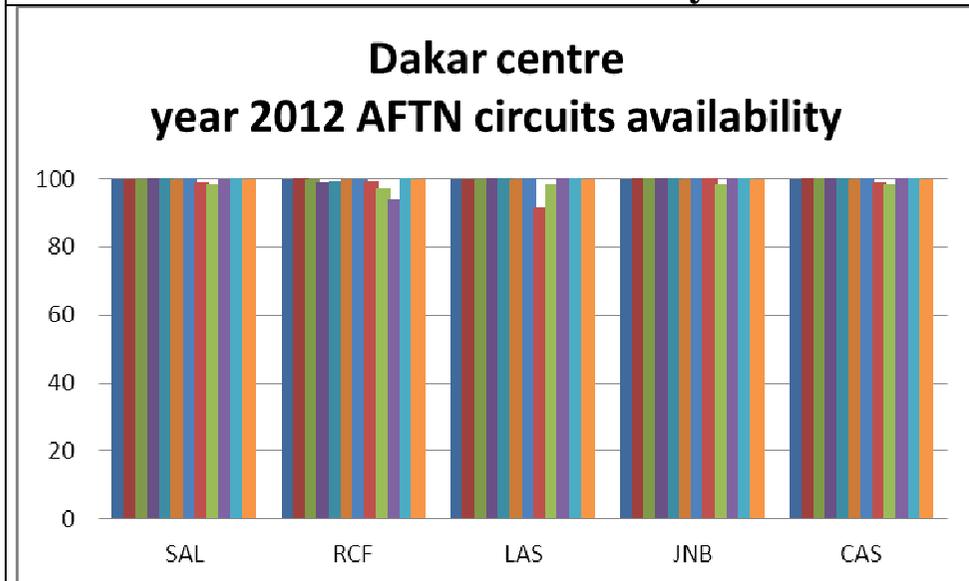
3.1 The meeting is invited to:

- a) Note the information provided in the Working Paper;
- b) Encourage the coordination between the CAFSAT centers including exchange of personal and experience sharing in the network maintenance, in order to improve the availability of the network.

.... END....

APPENDIX A

Years 2012/2013 Availability of AFTN Circuits on Dakar and Nouakchott COM centres



APPENDIX B

Years 2012/2013 Availability of ATS/DS Circuits on Dakar and Nouakchott COM centres

