



INTERNATIONAL CIVIL AVIATION ORGANIZATION
EASTERN AND SOUTHERN OFFICE

First Meeting of the AFI VSAT Networks Managers (AFI VSAT/1)
(Kwa-Zulu Natal, South Africa, 13 to 15 June 2011)

Agenda Item 2c: Operations: Aeronautical Fixed Services

TRANSIT TIME STATISTICS FOR MAIN AFTN CENTRES

(Presented by ATNS)

SUMMARY

This working paper provides information on the development of a facility that will allow the measurement of transit times between AFTN centres in the NAFISAT and SADC VSAT II networks.

REFERENCE(S)

1. INTRODUCTION

- 1.1. The SADC VSAT II and NAFISAT networks became operational in 2007 and 2008 respectively.
- 1.2. The implementation and high availability of these networks effectively addressed all the Aeronautical Fixed Services AFTN and ATS/DS deficiencies in these regions.

2. DISCUSSION

- 2.1. It is the responsibility of the VSAT service provider to submit monthly statistics on the availability of circuits and the network to member States and to the Supervisory Committee/Board.
- 2.2. One aspect which is not currently addressed is the AFTN transit times as required by ICAO on a monthly basis. It is understood that not all the States submit this information on a regular basis to ICAO.
- 2.3. ATNS has developed a Remote Interface Test Equipment (RITE) facility for the testing of AFTN and ATS/DS circuits that have been installed at most NAFISAT and SADC VSAT II sites and will eventually be installed at all sites. As a further enhancement ATNS is in the process of investigating the functionality of the RITE facilities to allow the measurement of the transit times of messages between AFTN centres.

2.4. Additional information on these enhancements will be made available after successful completion of development and testing.

3. CONCLUSION

3.1 The meeting is invited to:

- a) Note the information provided in this working paper.
- b) Take the information into account during discussions.

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