



**INTERNATIONAL CIVIL AVIATION ORGANIZATION
EASTERN AND SOUTHERN AFRICAN OFFICE**

**Sixth Meeting of the APIRG Communications Sub-Group :
Nairobi**

24-26 September 2002.

Agenda Item 4: Interconnection between ASECNA and SADC VSAT networks

(Presented by the Air Traffic and Navigation Services Company, South Africa)

Abstract

This paper reports on the status of the ASECNA and SADC VSAT integration.

1) Background

The agreed interconnectivity solutions between the ASECNA and SADC VSAT networks, includes a terminal to be established at Antananarivo (Madagascar) for circuits to Mozambique, Tanzania and South Africa.

2) Discussion

The SADC network terminal in Antananarivo will consist of a HNS HES unit and be configured to provide data communications (AFTN connectivity) through the PES portion and speech communication (ATS/DS) through the TES portion. The communication links will be configured as follows:

1. A direct speech circuit (ATS/DS) from and between Antananarivo and Dar es Salaam.
2. A direct speech circuit (ATS/DS) from and between Antananarivo and Beira.
3. A back-up data circuit (AFTN) from and between Antananarivo and Johannesburg.

The ASECNA network terminal in Johannesburg will be configured as follows:

1. A direct speech circuit (ATS/DS) from and between Antananarivo and Johannesburg.
2. A primary data circuit (AFTN) from and between Antananarivo and Johannesburg.

The project installation schedule for the SADC VSAT terminal in Antananarivo is attached for information of the meeting.

3) Action by Study Group

The meeting is invited to take note of the actions taken by ATNS to date.

