

INTERNATIONAL CIVIL AVIATION ORGANIZATION

**Ninth Informal Meeting for the Improvement of Air Traffic Services
over the South Atlantic (SAT/9 Meeting)**

(Lima, Peru 6 to 10 November 2000)

Agenda Item 5: Communications

**Possible deficiency in the availability of HF of South
American ATSU's in particular Brasilia and Ezeiza.**

(Presented by South Africa)

Summary

This paper intends to highlight possible deficiencies in the availability of HF communications of South American ATSU's in particular the following FIRs: Ezeiza, Montevideo and Brasilia

A co-ordinated effort is required to address HF deficiencies as well as the HF frequency allocation in South American Oceanic Regions.

1. Introduction

This paper refers specifically to flights operating between Southern Africa and South America via the Johannesburg Oceanic region. Pilots operating in this region have expressed difficulty establishing HF communications with Brasilia and Ezeiza. See appendix 1,2 and 3 in this regard.

2. Current Operation

2.1. Flights en-route through the Johannesburg Oceanic region westwards are transferred to the relative ATSU at the Johannesburg Ocean region boundary, whether it is Brasilia or Ezeiza, only to

advise that they have negative communication on HF. Estimates are then relayed by Johannesburg Oceanic to the required ATSU. (Sometimes Johannesburg Oceanic is unable to establish land line communications with either Ezeiza or Brasilia, in which case estimates are relayed via the AFTN.)

2.2 It would also appear that HF frequencies used by South American ATSUs are intended for continental use and not for use in Oceanic regions. (This was discussed at previous SAT. meetings).

3. Findings

3.1 Current HF capability in the South American FIRs appears to be insufficient.

3.2 HF Frequencies in use in the Oceanic regions of South American FIRs are continental frequencies, according to the IFALPA report, H.F. Communication over the South Atlantic Region.(Point 3 Appendix 2)

4. Actions required

4.1. A co-ordinated effort to address all possible HF deficiencies.

4.2 Oceanic frequencies to be allocated for use in Oceanic regions as prescribed in ICAO Doc 8733(CAR/SAM ANP) and Doc. 7474(AFI ANP), with at least one common frequency between each family.