



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Sixth Meeting of the APIRG Communications Sub-group
Nairobi, 24-26 September 2002

Agenda item 4: Aeronautical fixed services

Communication facilities in the Canary Islands

(Presented by Spain)

Summary

Due to his Comm facilities the Canary Islands ACC acts “de facto” as an Interregional Communication Node for EUR/AFI/SAM regions

1. Canary Islands ACC Comm Facilities

The growth of communications and the new advantages of VSAT technologies oblige to an up-to-date study of the “state of art” for communications between OACI Areas . We all know that CAFSAT is emerging as a general purpose aeronautical network in the SAT Area and beyond. Some examples apart from AFTN/Voice requirements are :

Transmission of data to Norway from Canaries and Dakar EGNOS Reference Stations in the AFI EGNOS Test bed .

AFTN link between Brasilia and Madrid through a CAFSAT and REDAN (Aena Comm Network) bridge

ADS-RADAR Signal from Las Palmas to Cape Verde .

As far as Las Palmas is both a Supervisor node for the CAFSAT Network with global and hemispheric coverage, and a main node for the REDAN Network , it is easy to have in mind the benefits that we may expect from a link EUR-AFI-SAM for aeronautical purposes.

In that sense , Spain will be opened to any request from AFI States to ,on an agreement basis, help in the improvement of CNS/ATM services that may require a complementary or alternative entrance point to EUR or SAM areas .

2. Action by the meeting

The meeting is invited to take note of the information provided in this paper.