



SEVENTEENTH MEETING ON THE IMPROVEMENT OF AIR TRAFFIC SERVICES OVER THE SOUTH ATLANTIC

(Gran Canaria, Spain, 18-20 April 2012)

Agenda Item 3: Communications, navigation, surveillance (CNS)

Implementation and Tests regarding Canarias ACC VSAT Satellite Comm.

(Presented by Spain)

SUMMARY

According to previous SAT conclusions, AENA followed several projects regarding VSAT Satellite Comm

1. LAS PALMAS- NOUADHIBOU VSAT COMM

According to SAT conclusions, AENA followed the project for the implementation of a Mixed CAFSAT Technology/AFISNET satellite Station as it was defined and agreed. The principal aim of this project was to provide an ATS-DS direct connection between Las Palmas and Nouadhibou.

A delegation from Mauritania in coordination with Canarias Technical staff performed the final test and put in service the ATS Direct Line between Las Palmas ACC and Nouadhibou, replacing the satellite two hops link service. Mauritanian delegation contacted with Nouadhibou Technicians via technical VSAT Channel from Canarias so migration of service was finalised in an optimal collaboration scenario. The previous two hops circuit remains as a backup for a prudential time.

2. ATS TRIALS CAFSAT-REDDIG DOUBLE HOP TRIALS FOR VOICE

SAT Technical Group tasked to develop an ATS/DS double hop via REDDIG/CAFSAT. The results should maintain in technical area, as report for simulation for future operative evaluation. A work document (*CAFSAT-REDDIG Double Hop Trials for Voice- 21/5/2011*) was prepared in order to establish an schedule

Once the test equipment was installed Canarias Technical Staff established voice communication with (number 76551) Montevideo ATC without problems. Anyhow, a little delay (double hop) was reported by Uruguay staff.