



Agenda Item 4: Specific Air Navigation Activities and Developments
4.4 Air Traffic Management (ATM)

ATM Modernization Plan

(Presented by Trinidad and Tobago)

SUMMARY

This Information Paper provides an update on the efforts of the Trinidad and Tobago Civil Aviation Authority (TTCAA) to significantly upgrade its ATM/CNS systems and facilities.

1. Introduction

1.1 Trinidad and Tobago in its commitment to enhance air navigation safety has embarked on the establishment of modern state-of-the art ATM/CNS systems and facilities in order to meet the needs of airspace users within the Piarco FIR and its domestic airspace.

2. Discussion

2.1 On 2006 March 06, the Trinidad and Tobago Civil Aviation Authority issued an invitation to tender for the supply, installation and commissioning of a CNS/ATM System for its Area Control Centre and Control Tower at Piarco, Trinidad and its Control Tower at Crown Point, Tobago. The CNS/ATM System includes Primary and Secondary Surveillance Radars and associated Voice and Data Link and Display Site equipment.

2.2 On 2006 April 20, a tender technical meeting was held in Trinidad, at which seventeen (17) international companies were in attendance.

2.3 That month, civil works commenced at the building site for the Civil Aviation Complex.

2.4 Tenders for the ATM/CNS equipment will be publicly opened in the last quarter of 2006.

2.5 The new Piarco ACC facility is expected to be completed in the first quarter of 2008, and will incorporate:

- provision for nine (9) sectors, providing a combined Area and Approach traffic environment each with dual state-of-the-art situation displays;
- an operational annex with three (3) sector positions in another room in the ACC;
- supervisor work position/workstation;
- touch-screen displays at all positions;
- new Flight Data Processing System (FDPS);
- electronic flight strips;
- a new voice communication and control system (VCCS);
- additional en-route VHF;
- provision for CPDLC;
- provision for AIDC;
- ADS capability.

2.6 Final designs for the ACC Operational Room and the entire Technical Complex (to include AIS and Engineering) are near completion.

3. Conclusion

3.1 The overall ATM/CNS plan requires the fullest cooperation of all stakeholders to ensure maximum benefits for all users.

3.2 Trinidad and Tobago, as custodian of the Piarco Flight Information Region, remains fully committed to the modernization and development of air traffic services and will continue to pursue the provision of safe, efficient and reliable services in the sub-region.

4. Action Suggested

4.1 The Meeting is invited to take note of the contents of this Information Paper.