



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

FUTURE OF CNS/ATM IN THE E/CAR REGION

(Presented by Barbados)

SUMMARY

This Working Paper seeks to revitalize the CNS/ATM Programmes that the E/CAR WG had made significant advancements in and which have been left dormant over the past two years.

1. Introduction

During the 1990s ICAO introduced its CNS/ATM programme. The E/CAR States readily accepted the programme and immediately adopted a Regional approach to the phase implementation of the many aspects of the CNS/ATM programme. It was at that time that the Region agreed upon the year 2015 as the date when there would be full implementation of the programme.

2. Achievements

The E/CAR Region successfully completed a number of CNS/ATM Sub-programmes. These could be identified as:

- (a) The establishment of local CNS/ATM plans.
- (b) The establishment of a Regional CNS/ATM plan coordinated by a private entity.
- (c) Completion of Planimetric surveys and the change from conventional coordinates to the WGS84 system.
- (d) The design of RNAV Non-Precision Approaches for all Regional airports.
- (e) The establishment of a new Digital Network for voice and data point-to-point communications.

Of course there were a number of other CNS/ATM projects embarked upon that have not been concluded but remained dormant over the last two years.

3. Discussion

States need to revisit their CNS/ATM plans and the Region as a whole must revitalize the Regional CNS/ATM plan with the new agency, Caribbean Air Navigation and Advisory Services Ltd. (CANAS), which assumed such a responsibility taking the lead role as the coordinator of the project.

Programmes such as the replacement of the Digital Network, Radar Data Sharing, Augmenting Satellite derived information, Establishment of RNAV Cat I precision approaches and Automation of the Air Traffic Services need to be immediately revisited.

4. Required Action

The meeting is invited to:

- (a) activate the CNS and ATM committees and update the Regional CNS/ATM Plan;
- (b) provide CANAS with the mandate to continue the coordination of the Regional CNS/ATM plan which they have assumed and be accountable to the E/CAR WG for such tasks;
- (c) examine the progress of Radar Data Sharing and determine its future direction;
and
- (d) make appropriate arrangements for the automation of the Region's ATS systems.