International Civil Aviation Organization
NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN OFFICE
Twenty-Ninth Eastern Caribbean Working Group Meeting (29 E/CAR WG)
Saint Vincent and the Grenadines, 9 to 13 May 2005

Agenda Item 3 Specific Air Navigation Activities and Developments
3.6 Communications, Navigation and Surveillance (CNS)

NDB, LOCALIZER/ DME, TOBAGO, CROWN POINT AERODROME

(Presented by Trinidad and Tobago)

SUMMARY

This information paper advises the E/CAR WG of the installation of a new Non Directional Beacon, localizer /DME at Crown Point.

1. Introduction

1.1 In keeping with the Air Navigation Plan and resolution of CNS deficiencies, Trinidad and Tobago, held meetings with the ICAO Technical Cooperation Bureau, procurement office, in Montreal, Canada with the intent to procure a replacement Non –Directional Beacon, new Localizer and Distance Measuring Equipment for the Tobago, Crown Point airport.

2. Discussion

2.1 Through open tendering procedures, via ICAO, tender documents were issued on behalf of Trinidad and Tobago. After evaluation of the tenders, a successful tenderer was selected and the relevant contracts were signed on September 27, 2004.

2.2 After successful Factory Acceptance Tests and technical factory training, the Localizer/DME equipment was shipped and is presently being installed. Commissioning of the new equipment is scheduled for June 2005.

2.3 Installation and commissioning of the new NDB is expected within the last quarter of 2005. The new NDB will be at a different location from the existing NDB and as such, new approach paths will need to be drawn and published in the E/CAR AIP. The existing NDB will not be de-commissioned until these actions are completed.

2.4 Both projects were awarded to The Aeronav Group, Montreal, Canada. The localizer is a two frequency Alenia Marconi System (AMS) with a 14 element array and is paired with a Fernau Avonics Limited DME operating on channel 30X. The NDB is the Nautel ND 50011 with suitable antenna system and capable of maximum forward power of 500 W.

3. Conclusion

3.1 The meeting is invited to take note of the information presented in this Information Paper.

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