



ICAO

International Civil Aviation Organization  
North American, Central American and Caribbean Office

WORKING PAPER

E/CAR/NTG/8 & E/CAR/RD/6 — WP/19  
03/09/18

**Eighth Eastern Caribbean Network Technical Group (E/CAR/NTG/8) and  
Sixth Eastern Caribbean Radar Data Sharing Ad hoc Group (E/CAR/RD/6)**  
Saint George's, Grenada, 3 - 5 September 2018

**Agenda Item 4: Surveillance Sharing Activities**  
**4.2 Surveillance Sharing Update: Antigua and Barbuda, Barbados, Sint Maarten and Trinidad and Tobago**

**SURVEILLANCE /ADS B UPDATE: ANTIGUA**

(Presented by Antigua and Barbuda)

EXECUTIVE SUMMARY	
This working paper gives a brief overview of Antigua and Barbuda's intention to acquire surveillance for the Antigua Terminal Control Area (TMA).	
<b>Action:</b>	Suggested actions are presented in Section 3.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• E/CAR CATG/7 AND E/CAR RD/5</li></ul>

**1. Introduction**

1.1 It is well known, that for over 20 years Antigua has made several attempts at acquiring surveillance within its TMA. Many challenges have been encountered and have continued to retard progress towards implementation. Financial resources and lack of urgency by the authorities have been the main reasons for this set back. Despite the challenges, Antigua will press on towards the goal of becoming a link in the regional chain of surveillance coverage throughout the Eastern Caribbean.

**2. Discussion**

2.1 Reference to conclusion E/CAR/NTG/7-RD/5/7 ANTIGUA RADAR DATA, relating to Radar Data information from the Antigua Radar; unfortunately, Antigua has not made the expected progress in this regard. This is mainly due to governmental financial constraints as well as the more pressing need to replace the communication equipment which is currently on the way. In addition, the current VOR urgently needs to be replaced. However, Antigua is still firmly committed to being a part of this programme.

2.2 As the region progresses towards the implementation of ADS-B within the Piarco FIR, Antigua will work towards meeting the targets of the ICAO Regional Performance Based Air Navigation Implementation Plan (RPBANIP). In this regard, meetings have been held with the appropriate Government agency to discuss the necessity of meeting this goal.

2.3 Taking into consideration the wide range of the types of aircraft which operate within the airspace and their capabilities, the realistic goal must incorporate the needs of all users, therefore, some SSR capabilities is necessary. To this end, Request for Information (RFI) to acquire ADS-B with SSR capabilities, has been disseminated. There has been no response to date, however, as information is received updates will be given to the Rapporteur as to the progress of this activity.

### **3. Suggested Actions**

3.1 The Meeting is invited:

- a) to take note of the information contained in this working paper; and
- b) to agree on any other action as deemed appropriate.