



ICAO

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

WORKING PAPER

E/CAR/NTG/10 & E/CAR/RD/8 — WP/09

24/08/21

**Tenth Eastern Caribbean Network Technical Group and Eighth Eastern Caribbean Radar Data Sharing  
Ad hoc Group Meetings (E/CAR/NTG/10 & E/CAR/RD/8)**

Online, 6 to 7 September 2021

**Agenda Item 4: Surveillance Sharing Activities**

4.2 E/CAR Surveillance data coverage status (Radar Data Display and E/CAR needs)

**UPDATE ON E/CAR SURVEILLANCE SHARING PROJECT**

(Presented by the Rapporteur)

<b>EXECUTIVE SUMMARY</b>	
This Working Paper presents an update on E/CAR Surveillance sharing project.	
<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><li>• Economic Development of Air Transport</li><li>• Environmental Protection</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• E/CAR/NTG/09 &amp; E/CAR/RD/7</li></ul>

**1. Introduction**

1.1 The RD group identified that some States' requirements for the next three (3) years is to have situational awareness with the implementation of full radar service five (5) to ten (10) years in the future.

**2. Discussion**

2.1 From the last NTG/RD meetings, Thales had submitted a questionnaire to supplement their presentation to be completed by States. The questionnaire was to be able to assist Thales in understanding the user requirements. The meeting will recall that Montserrat, St. Kitts and St. Vincent had expressed their continued interest in Phase II of the project.

2.2 The following updates have been provided by States:

2.3 **Antigua**

2.3.1 As reported at the last meeting, the Ministry of Public Utilities, Civil Aviation, Transportation, and Energy made a request in August of 2019 to the ECCAA, to review a proposal for GECEI Espanola S.A, for the provision of an ATM System and Surveillance sensor to be used by V.C. Bird Air Traffic Services (ATS). A team from ECCAA CNS Unit and V.C. Bird Air Traffic Services evaluated the GECEI proposal and a report was submitted to the Ministry for consideration.

2.3.2 In December 2019, a team comprising the Chief of ATS, the ATS Operations Officer and the Manager of CNS from ECCAA travelled to Spain where they had a closer examination of the system after which it was decided that the system as proposed was suitable for the operations at V.C. Bird. A contract was signed between the Ministry of Public Utilities, Civil Aviation, Transport and Energy and GECEI in April 2021.

2.3.3 Plans are progressing towards implementation with the following timelines, barring any unforeseen circumstances. The Factory Acceptance is planned for September. Controller and technician training in Spain is planned for the first half of 2022. Installation is anticipated to begin in January 2022.

2.4 **Saint Lucia**

2.4.1 Saint Lucia, Haiti and Grenada are part of a Caribbean Regional Air Transport Connectivity Project (CATCOP) facilitated by the World Bank aimed at promoting resiliency of airport infrastructure. Dominica which was initially part of the project has since withdrawn.

2.4.2 Initially, the project was envisaged to share expertise across the involved States because of the commonalities and potential cost savings but, the idea of having a joint approach has not worked out. The project will have separate Air Navigation Specialists overseeing the individual State projects. In St. Lucia the Project Implementation Unit (PIU) has been established with the Project Manager, E&S Specialist, Procurement Officer and M&E Specialist have been recruited. Some difficulties have been encountered in recruiting individual consultants for example, Air Navigation and Airport Infrastructure Specialist. As a result, SLASPA has gone back out to recruit. The deadline for advertisements is August 31, 2021. Short-term International Procurement Specialist should be recruited by September, 2021. The active components for Saint Lucia are:

- Request for Proposals for COVID -19 Response Strategy Study.
- Request for expression of interest in ToR for design and supervision of upgrade ARFF.
- Airport building and construction of control room.
- Ongoing workshops and focus groups workshops on Air Transport Resilience.

- Completing ToR for design and supervision of runway works.

2.4.3 The project's estimated timelines have been updated to 06/2021 to 06/2027

## 2.5 Grenada

2.5.1 The China Harbour Engineering Company (CHEC) project is in its initial phase of preparatory work with the runway resurfacing scheduled to take place during the first half of 2022. The project has been modified from its initial conceptualisation: no turning bay will be constructed. Some work will be done to the main terminal building with two (2) air bridges to be affixed to positions 4 and 5; a new administration block will be constructed separately from the terminal, close to the tower and a new roadway will be constructed to divert the public traffic north of the terminal. This will become the main road and a toll system will be instituted to gain direct entry to the airport.

2.5.2 The Runway End Safety Area (RESA) at upgrade both 10/28 will be conducted under the World Bank project. Also, under the World Bank project will be the installation of ADS-B, implementation of ILS, ATIS and PAPI projects.

2.5.3 Regarding the CNS project, GECI was selected to provide an ATM system and a simulator. Their system will have billing capabilities etc. Only recently, Terms of references have been finalised for the World Bank and GECI projects.

## 2.6 Montserrat, St. Kitts and St. Vincent

2.6.1 The Meeting invites any updates from Montserrat, St. Kitts and St. Vincent on their airport development and CNS projects specifically their surveillance projects.

### 3. **Suggested actions**

3.1 The Meeting is invited to:

- a) review the information supplied and advise on any suggestions to assist States in reaching their surveillance goals; and
- b) agree to any other actions as deemed appropriate.