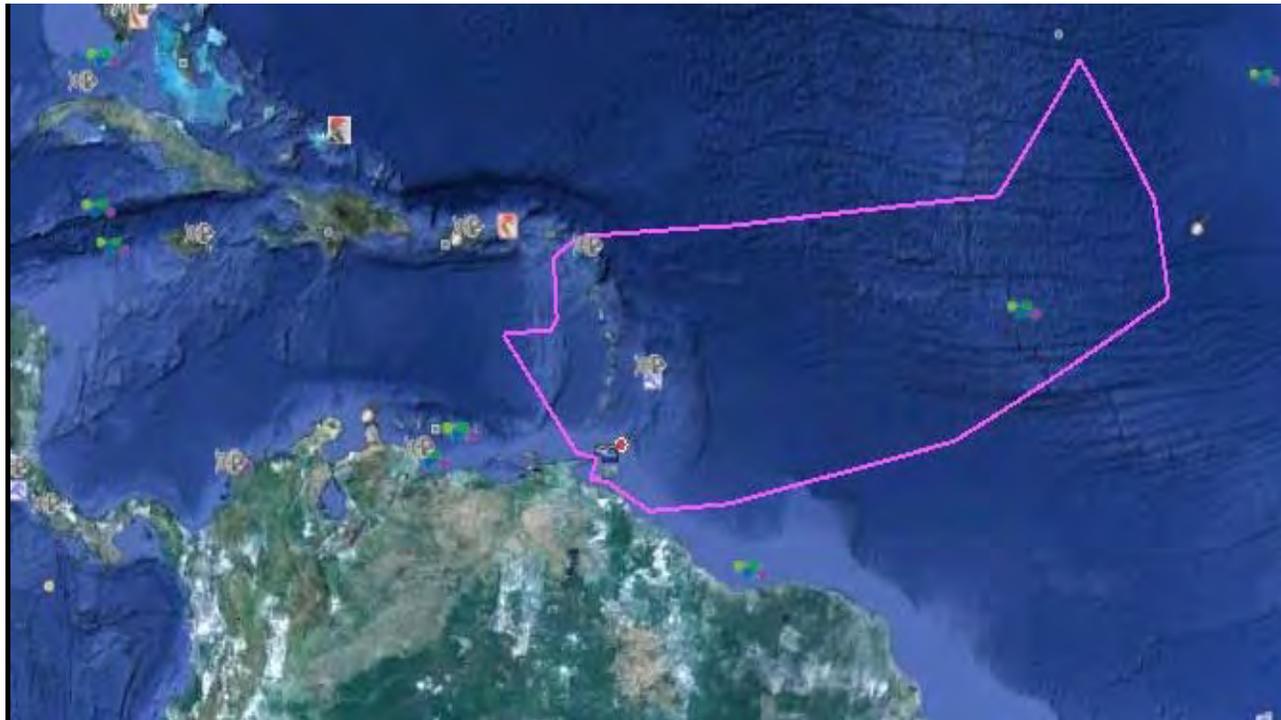


WELCOME TO TRINIDAD & TOBAGO CIVIL AVIATION AUTHORITY



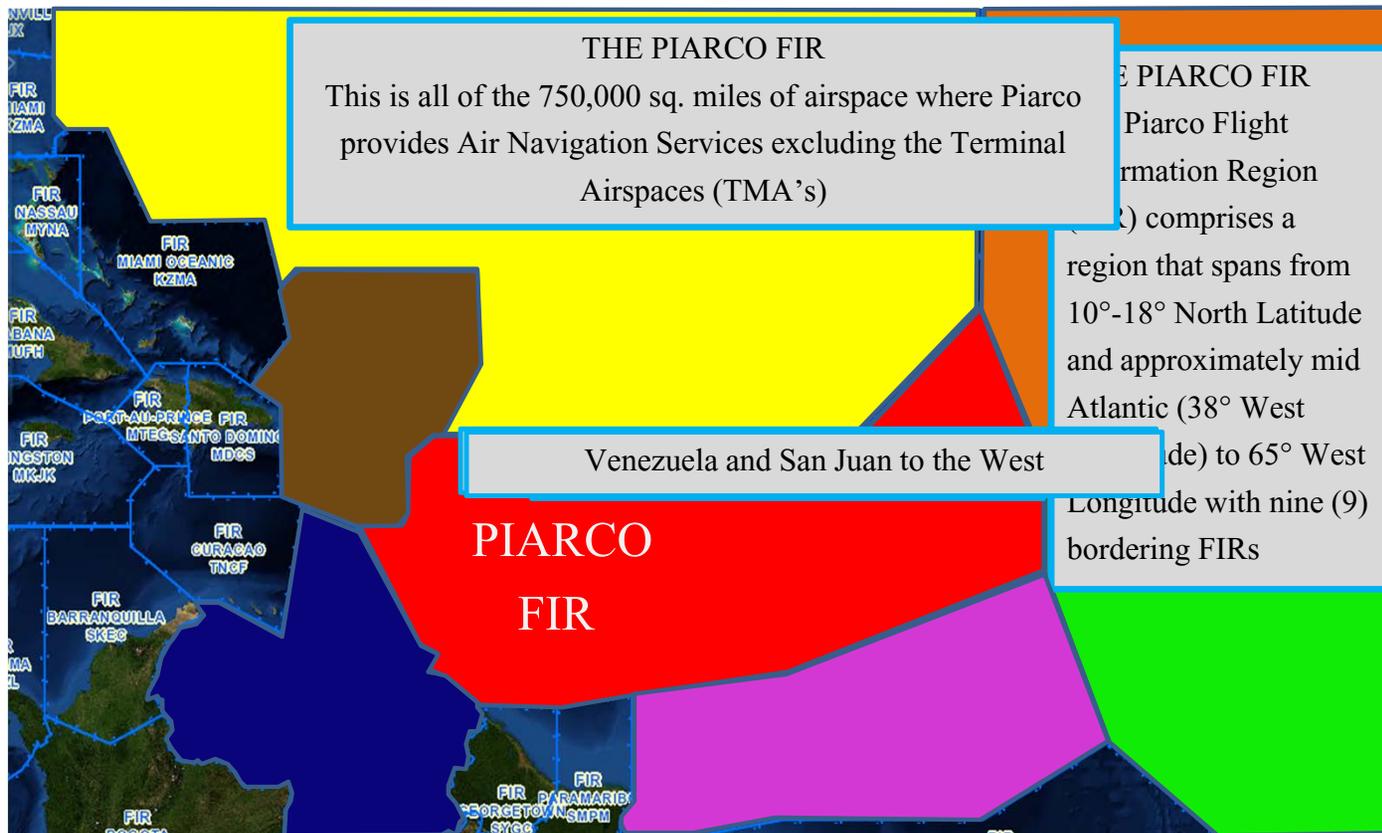


TRINIDAD AND TOBAGO FLIGHT INFORMATION REGION (FIR)



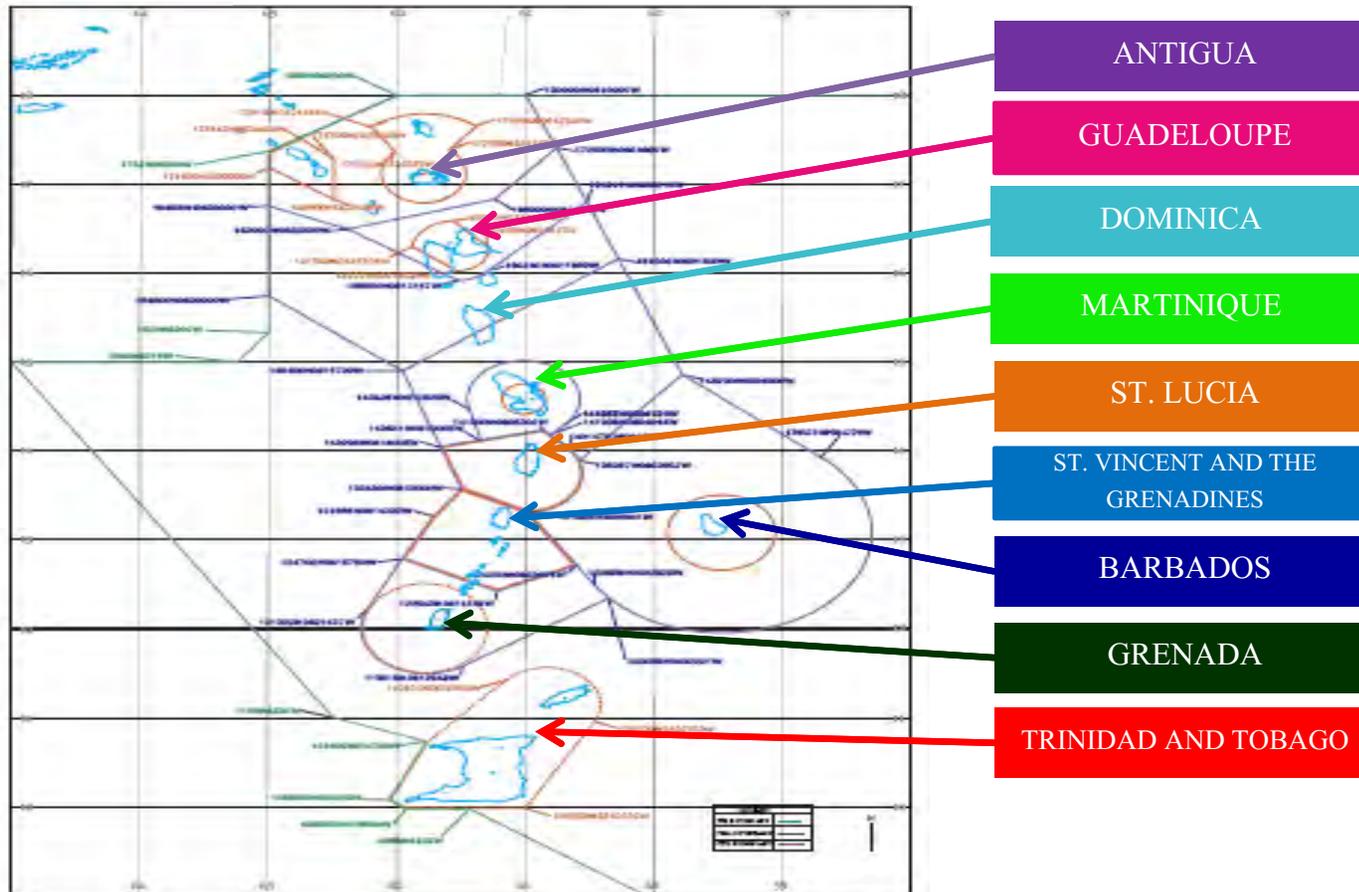


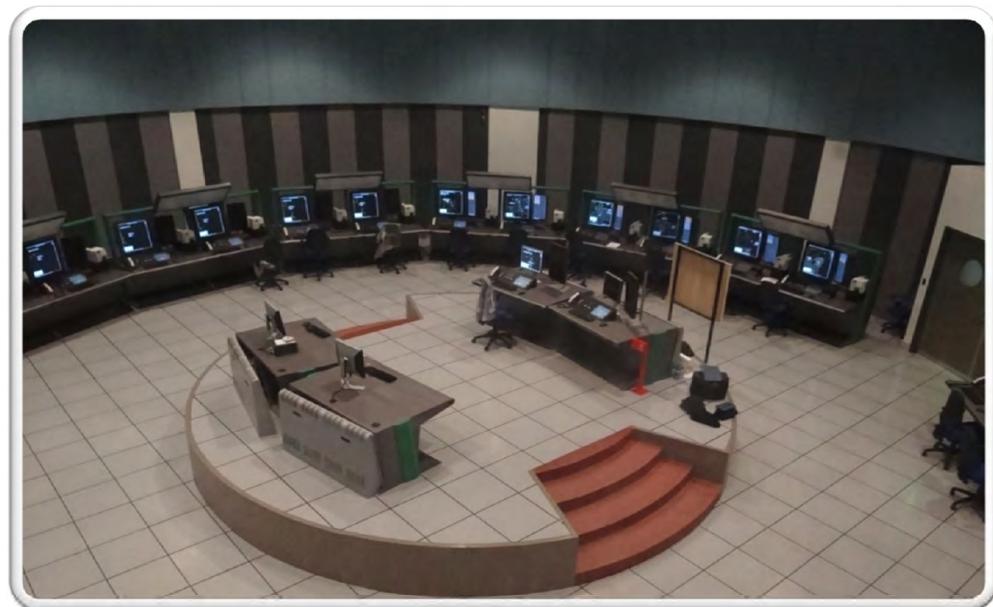
AIRSPACES AROUND THE PIARCO FIR





STATES WITHIN THE PIARCO FIR WITH TERMINAL AREAS (TMA's)

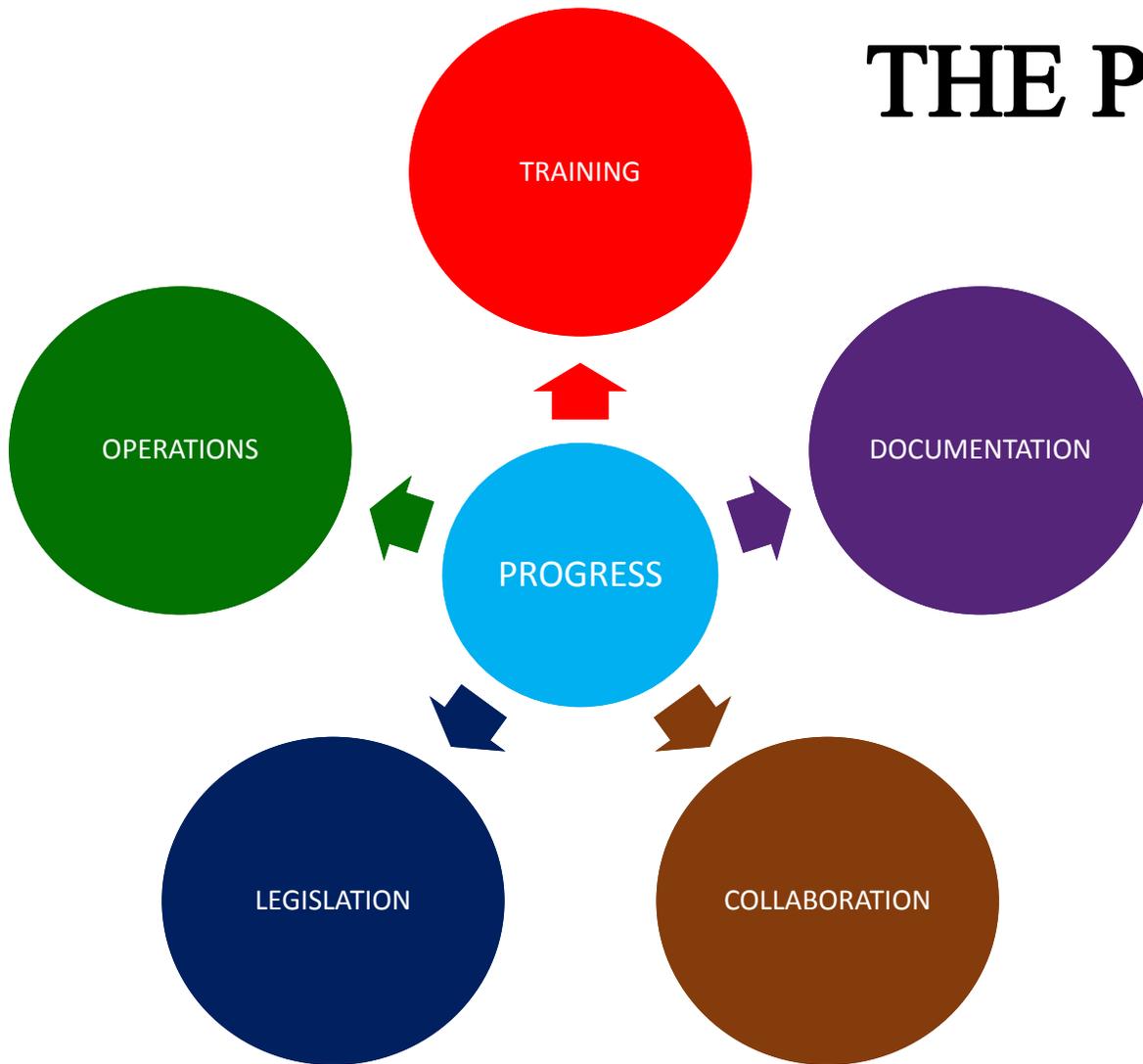




**UPDATE
of SAR within the
Piarco FIR**



THE PROGRESS OF SAR



“Be not afraid of going slowly, be afraid only of standing still.” (Chinese Proverb)



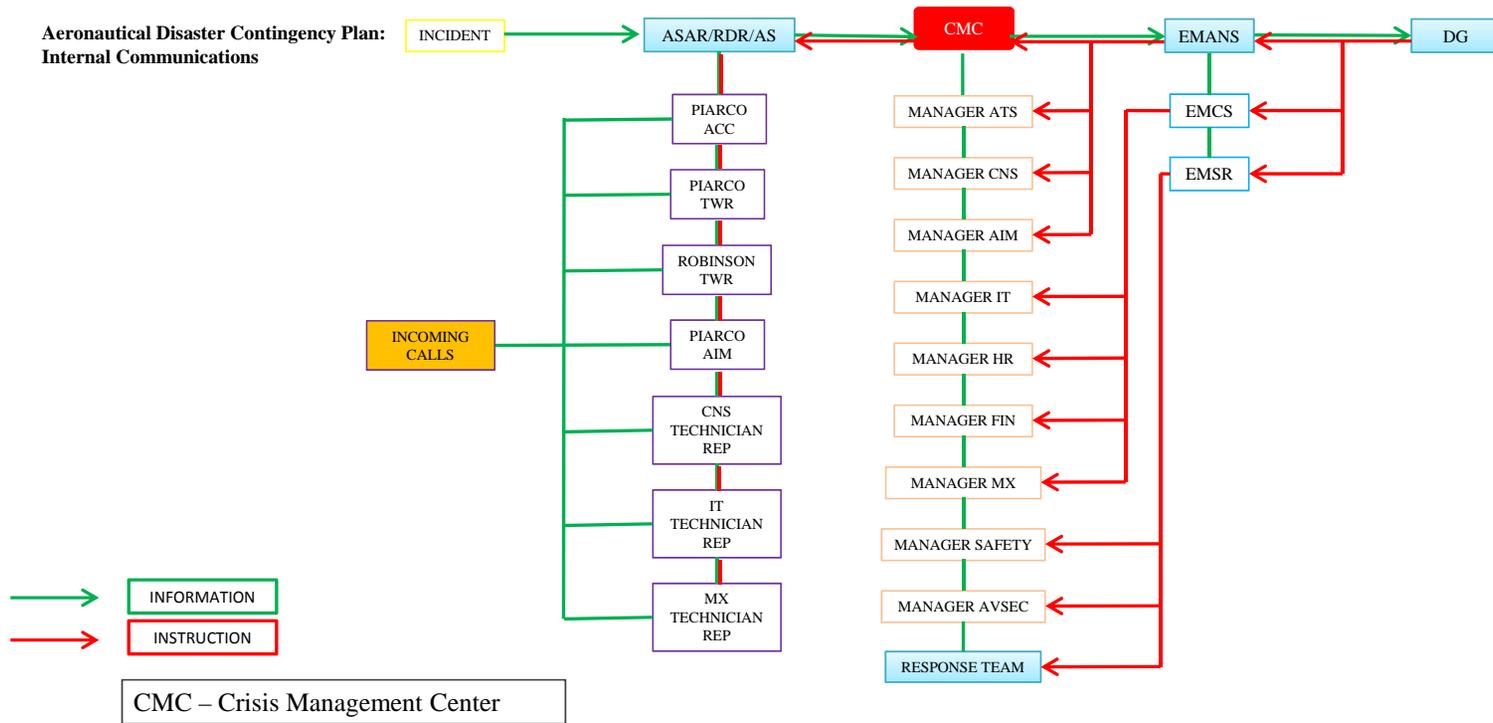
OPERATIONS

PIARCO AERONAUTICAL
RESCUE COORDINATION CENTER



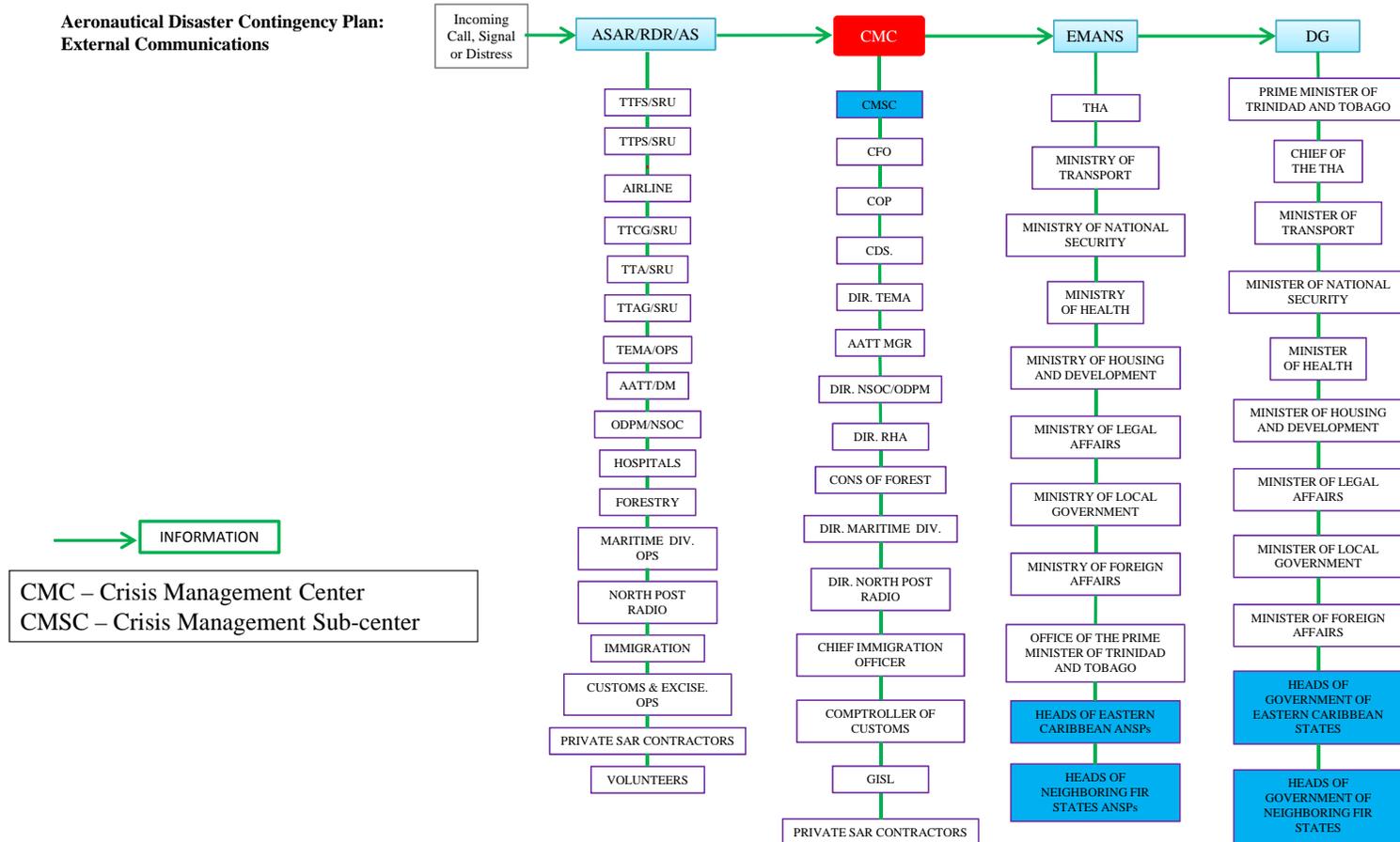
OPERATIONS

PIARCO AVIATION CONTINGENCY PLAN COMMUNICATIONS FLOW CHART



OPERATIONS

PIARCO AVIATION CONTINGENCY PLAN COMMUNICATIONS FLOW CHART



A/SAR/RDR/AS UNIT OPERATIONS MANUAL



Nicholas Mark
Aeronautical Search and Rescue, Regional
Disaster Response and Air Navigation
Services Security (A/SAR/RDR/AS) Unit
3/14/2014

DOCUMENTATION

The Manual of Operations provides the guiding principles needed for operational efficiency through Coordination, Information Sharing and Training with all Stakeholders/Agencies within the Piarco FIR/SRRs.

- Administrative Manual
- Manual of Operations
– Training Modules
- TT SRR Operational SAR Plan
- TT SRR Regional SAR Plan

TRAINING

1. Trinidad and Tobago was invited to participate in the Search and Rescue (SAR) Controllers Training and Meeting, hosted by the United States Coast Guard (USCG) and the National Oceanic and Atmospheric Administration (NOAA).
 - The training was held 24 - 28 February, 2014 at the National Satellite Operations Facility in Maryland USA, where three persons attended.



**PARTICIPANTS AT THE SAR CONTROLLERS 2014,
NOAA FACILITY, MARYLAND**

TRAINING

Conclusions resulting from this Training were:



- Trinidad and Tobago is required to ensure that a Contingency Structure is developed for its RCCs.
- Trinidad and Tobago should submit all Incident History Database forms to the USMCC for recording purposes and that a facility be created to store and share SAR data.
- Trinidad and Tobago needs to update its International Beacon Registration Database (IBRD).

TRAINING



2. Trinidad and Tobago in collaboration with the International Maritime Organization (IMO) hosted a SAR Administration Course during the period 5-7 May, 2014.
 - The SAR Administration Course aligned itself with the on-going initiatives of Trinidad and Tobago to create a National and Regional SAR Plan; and support the enhancement of the services of the RCCs within Trinidad and Tobago.
 - Participation States – Barbados; Grenada; St. Vincent and the Grenadines; and Trinidad and Tobago.

TRAINING NEEDS



- Case Management
- Mass Casualty
- GMDSS
- Rescue Swimmer
- Communications
- SAR Administration
- Incident Command
- SAR Controllers
- Train-the-Trainer
- SAR Mission Coordinator
- On-scene Coordinator

COLLABORATION



- Web-based Communications (SPATIA) Workshop for Military Personnel – April, 2013
- Maritime Meteorological Workshop for Military Personnel – April, 2013

- Early Warning Systems (EWS) meeting hosted by the UNDP on National Capacity Development for Disaster Risk Management Project – March, 2014
- Maritime/ANS Task Force – May, 2014



COLLABORATION

TT SRR/WG SECOND MEETING ON THE
IMPLEMENTATION OF GLOBAL
MARITIME DISTRESS AND SAFETY
SYSTEM (GMDSS) AND SAR - MAY, 2014.

- Countries Update on their GMDSS and SAR Systems
- Development of National SAR Plans and Regional SAR Plan
- Development of SOPs and the requisite Training Programs
- Development of an Interstate Multilateral Agreement



From left to right: Lt Cdr Fernella Cordis, Mr Kyane Ragobar, Petty Officer Kirk Aziz, Ms Ida Eversley, Lt Cdr Deon Henry, Sub-Lt Gerald Charles, Sgt Watson Edwards, Mr Kees Koning, Midshipman Jadon Robinson, Capt Kirton Huggins (Chair), Mr Christer Waldegren, Mr Anthony Baimar, Midshipman Valene Valentine, Mr Brent Williams, Sub-Lt Daniel Castagne, Ms Diana Henry, Mr Ronald Kennedy, Ms Esther Derrick, Petty Officer Rensla Nicholas, Ms Veronica Sahadeo

LEGISLATION

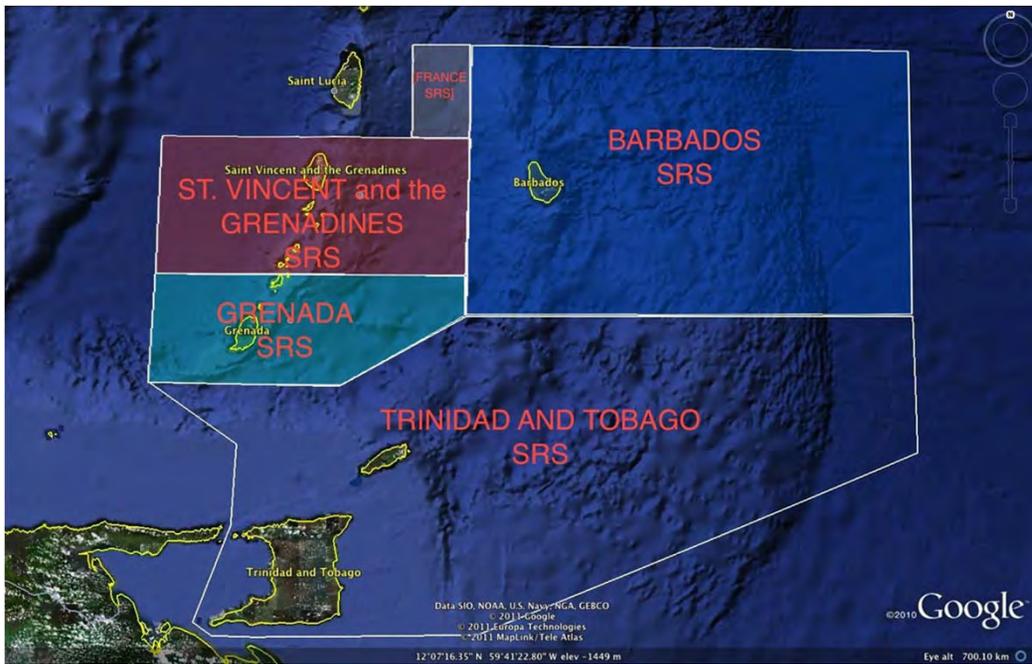
MULTI-LATERAL AGREEMENT
 Concerning Co-operation of Maritime and
 Aeronautical Search and Rescue among the
 States of Barbados, Grenada, St. Vincent and
 the Grenadines and Trinidad and Tobago

- Proposed amendments to the Draft Multilateral Agreement by individual States – July, 2014.
- Generation of a final Draft Multilateral Agreement – July, 2014.
- Submission of Operational SAR Plans – September, 2014.
- Submission of Regional SAR Plan – January, 2015.

TT SRR OPERATIONS

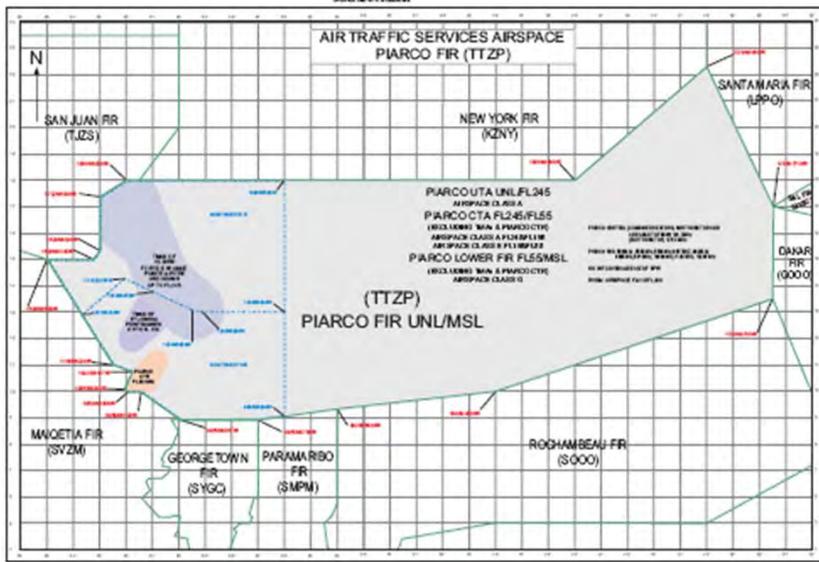
ESTABLISHMENT OF THE TT SRR COMMITTEE

On States signing of the Multilateral Agreement a Committee would be formed to oversee SAR Operations.



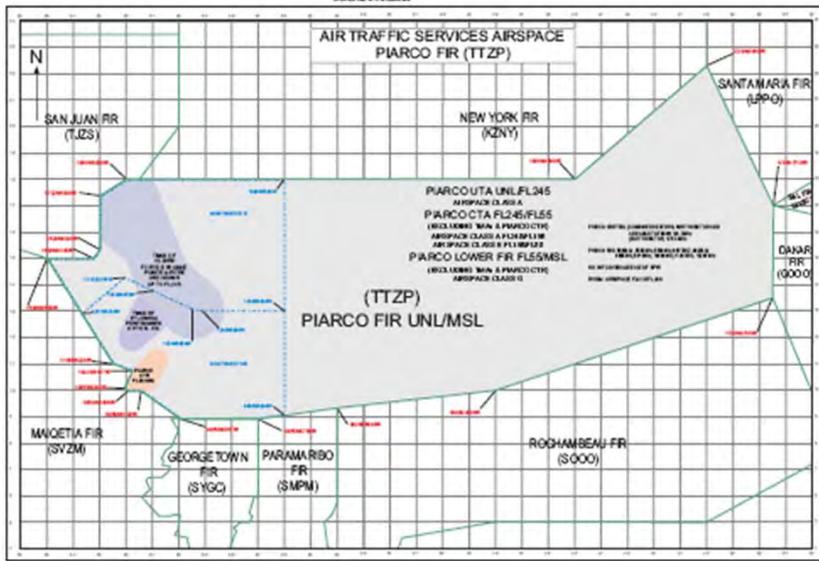
The TT SRR Committee will:

- Assist States with the development of National SAR Plans.
- Harmonize Operational Plans to create a Regional SAR Plan.
- Make representation at the CARICOM level for assistance with Operational requirements.



ONGOING INITIATIVES

- Revision of all Letters of Agreements between all States within the Piarco FIR and adjacent FIRs
- Closer Operation Relationship between States within the Piarco FIR and adjacent FIRs
- Fostering closer ties with France (French Antilles and French Guyana) and US Coast Guard
- Increase participation of States through the Caribbean Aviation Safety and Security Oversight System (CASSOS) ANS Standing Committee – combining NAM/CAR/SAM States
- Increase participation of States within the ICAO Eastern Caribbean Civil Aviation Technical Group (E/CAR CATG)

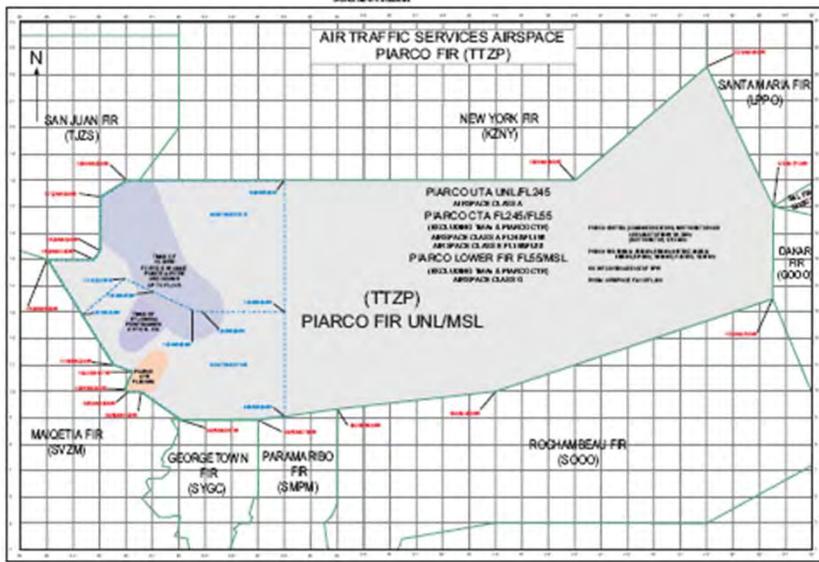


ONGOING INITIATIVES

IN KEEPING WITH ICAO'S
VISION

TRINIDAD AND TOBAGO HAS INVESTED
IN THE FOLLOWING GROUPS

- TT SRR Maritime and Aeronautical Task Group
- Piarco ANS Security and Aviation Security (AVSEC) Task Group



ONGOING INITIATIVES

IN KEEPING WITH ICAO'S VISION

TRINIDAD AND TOBAGO HAS INVESTED IN THE FOLLOWING GROUPS

- Development of the Piarco Aviation Contingency Plan
 - Aircraft Accident/Incident Contingency Plan
 - ANS Contingency Plans
 - Security Contingency Plans
 - Natural Disaster Contingency Plan
 - Man-made Disaster Contingency Plan



HARMONIZING SAR SYSTEMS



Safe Skies For All