



International Civil Aviation Organization
North American, Central American and Caribbean Office
**Twentieth Meeting of Directors of Civil Aviation of the Eastern Caribbean
(20th E/CAR DCA)**
Miami, Florida, United States, 4 to 7 December 2006

20th E/CAR DCA-WP/05
22/11/06

Agenda Item: 3 Air Navigation Matters
3.3 E/CAR ATM Committee Report

**E/CAR ATFM Initiatives (Measures) – for International Cricket Council Cricket
World Cup (West Indies) 2007 (ICC CWC 2007)**

(Presented by Rapporteur E/CAR ATM Committee)

SUMMARY

The Rapporteur of the ATM Committee of the Eastern Caribbean Working Group (Trinidad and Tobago) has begun coordinating plans and requirements for the implementation of Air Traffic Flow Management (ATFM) Measures within the Piarco Flight Information Region (FIR) inclusive of the Terminal Areas (TMAs) and Control Zones (CTRs) from 01 March 2007 to 05 May 2007, arising from the International Cricket Council (ICC) Cricket World Cup 2007 (CWC 2007) which will be played in the Caribbean. In anticipation that there will be significant increase in aircraft movements within the FIR to/from match venue countries ATFM measures will be established to permit airspace users to conduct their flight operations with efficiency and reduce delays. This initiative is expected to provide demand/capacity balancing in the airspace concerned and make available more fuel-efficient flight profiles. It will also afford greater operational flexibility to the air traffic control units that are responsible for the provision of ATC services in the Piarco FIR through the utilisation of demand capacity balancing (DCB) concepts while at the same time fostering safety, orderliness and expedition. This paper provides information on the tasks to be accomplished and a status report on developments.

References

- Report of the 30th E/CAR Working Group, Castries, Saint Lucia, 7-11 August 2006
- WP/24, 30th Meeting of the E/CAR Working Group, Castries, Saint Lucia, 7-11 August 2006
- Report of GREPECAS/12 and 13
- Report of GREPECAS ATM/CNS/SG/4 and 5
- Report of GREPECAS ATM/CNS/SG ATM COMM ATFM/TF/1 and 2
- Report of the NAM/CAR ATM Meeting, Santo Domingo, Dominican Republic, 19-21 April 2006
- Report of ALLPIRG/5, Montreal, Canada, 23-24 March 2006
- Second Amendment to the Global Air Navigation Plan for CNS/ATM systems (Doc9750)

1. Background

1.1 At the ICAO 30th Meeting of the Eastern Caribbean Working Group (E/CAR/WG/30), Castries, Saint Lucia, 7-11 August 2006, an ad-hoc group of the E/CAR ATM Committee deliberated on the impact the Match Schedule of the ICC CWC 2007 Tournament (**Appendix A with associated Attachment**) would have on ATM in the E/CAR.

1.2 The ad hoc group in its report to the E/CAR/WG/30 plenary noted that the Official Opening Ceremony for ICC CWC 2007 is scheduled for 2007 March 11 in Jamaica and the Tournament's Final Match taking place on 2007 April 28 (with April 29 being a reserved/contingency day) in Barbados and sixty-six (66) other matches (including warm-up matches) from 2007 March 05 up to and including the completion of the semi-finals on 2007 April 26 are being played in Jamaica, Guyana and seven other States (Antigua and Barbuda, Barbados, Grenada, Saint Lucia, St. Kitts/Nevis, St. Vincent and the Grenadines, and Trinidad and Tobago) which are located within the Piarco FIR.

1.3 It was acknowledged by the E/CAR/WG/30 that there would be significant air traffic movements in the sub-region over the period 2007 March 01 to 2007 May 05 and that there will a need to work towards the implementation of some degree of ATFM to treat with the increased traffic volume.

2. Discussion

2.1 For purposes of implementing ATFM measures during the ICC CWC2007 Tournament, an Action Plan was developed. Likewise a Team (E/CAR ATFM Group) led by the Rapporteur of the E/CAR ATM Committee and including ATM Points of Contacts (POCs) from the States and Territories within the Piarco FIR and the USA was established to progress the work.

2.2 In the planning for this major event, three (3) phases, in relation to the methodologies and guidance for implementing ATFM Services have been taken into consideration. The Plan consists of the following phases:

- Strategic Phase - 2006 August to 2006 mid-November; Data collection and Analysis
 - 2006 September 15; issuance of a common initial Aeronautical Information Circular (AIC) about air operations during CWC 2007
 - 2006 Mid-November to 2007 January01; Development and Finalisation of E/CAR ATFM Strategy;
- Pre-tactical Phase - 2007 January 02 to February 28; ATFM Strategies finalised and promulgated;
- Tactical Phase - 2007 March 01 up to 2007 May 05; ATFM Operations.

2.3 It was further agreed that in order to conduct a proper analysis of projected air traffic; statistics will be required in respect of:

- Air traffic statistics for 2004, 2005, 2006 for the months of January to April;
- Airport capacity, including apron capacity;
- Approach capacity;
- En-route capacity, including that of the TMAs;
- Extra (World Cup) commercial air traffic demand where available; and
- Corporate/business jet (General Aviation) air traffic demand where available.

2.4 Arising from requirements to develop the project a Table depicting tasks, deadline dates, person or agency responsible and remarks was designed in order to keep track of the activities. **(Appendix B)**

2.5 It was agreed that for early notification to airspace users, E/CAR States and Territories were to disseminate as early as possible, information concerning Cricket World Cup 2007 and the likely capacity constraints at airports and in the Air Traffic Services. E/CAR States and Territories were to send to the Piarco International NOTAM Office (NOF) the data required for the issue of a NOTAM in respect of any and all Ground and Air restrictions applicable to the respective Terminal Airspaces and Airports. Likewise it was agreed that existing flight planning deficiencies in the E/CAR must be corrected well in advance of CWC 2007. Further, consideration was given to the possibility that ATC and AIS Offices may require the filing of flight plans in a time period greater than that stipulated in PANS ATM Doc 4444 and that ATC may restrict the cancellation of IFR flight to VFR flight during this period. To cover those aspects related herein a common initial Aeronautical Circular was issued on 2006 September 15 by the Aeronautical Information Services of Barbados, the French Antilles and Trinidad and Tobago. **(Appendix C)**

2.6 All E/CAR States and Territories have acknowledged the need to ensure the availability of adequate staff to handle the projected increase in air traffic over the period. E/CAR States and Territories have been urged to conclude and sign revised ATS Operational Letters of Agreement by 2006 December 01, as the provisions of the step-by-step method will create a more effective method for the coordination of air traffic in the E/CAR.

2.7 In order to effectively implement flow measures it was agreed that Piarco ACC establish an FMU for the purpose of managing air traffic during ICC CWC 2007. Additionally, all other ATC Units (TMAs in particular) within the Piarco FIR will be required to establish FMPs in their respective Units. Towards this end, the United States offered to the E/CAR, use of the FAA Command Centre's telephone conference communication facilities to host Teleconferences from early November 2006 and continuing, to assist and support the planning initiatives, and in coordinating the day-to-day operations during ICC CWC 2007. This offer has been graciously accepted. The teleconferencing facilities will make a significant contribution to the efficiency required for ATFM as fast-tracking the activities and implementing the service for CWC 2007 would have been very difficult.

2.8 Update status on the activities relating to implementation of ATFM measures for ICC CWC 2007 is presented in **Appendixes D, E and F.**

3. Conclusion

3.1 In considering the ICAO GREPECAS initiatives for the implementation of ATFM, and in particular, demand capacity balancing in the CAR/SAM regions, the E/CAR through the outlined plan is working to ensure maximum efficiency of ATC demand/capacity balance and to foster a safe, orderly and timely traffic flow during the ICC CWC 2007. The objective of the ATFM measures to be implemented for ICC CWC 2007 is to balance demand with ATS service capacity and airport acceptance regime.

4 Suggested Action

4.1 Bearing in mind the background of the foregoing, the Directors of Civil Aviation of the Eastern Caribbean States/Territories are invited to:

- note the information presented in this Working Paper;
- give the initiative their fullest support with reference to the requisite resources; and
- analyze, suggest, recommend any other action/s that the meeting may consider convenient in order to contribute to the improved implementation of the E/CAR ATFM initiative (Measures) as appropriate.

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APPENDIX A



The Matches

Match Schedule

Warm Up Matches

Event Day	Date	Group WA Trelawny, Jamaica	Group WB St. Vincent	Group WC Trinidad & Tobago	Group WD Barbados
4	Mon 05 Mar	West Indies vs Kenya	England vs Bermuda	South Africa vs Ireland	Sri Lanka vs Scotland
5	Tue 06 Mar	India vs The Netherlands	Australia vs Zimbabwe	Pakistan vs Canada	New Zealand vs Bangladesh
7	Thu 08 Mar	Kenya vs The Netherlands	Zimbabwe vs Bermuda	Ireland vs Canada	Scotland vs Bangladesh
8	Fri 09 Mar	India vs West Indies	Australia vs England	Pakistan vs South Africa	New Zealand vs Sri Lanka

Opening Ceremony

Event Day	Date	Activity
10	Sun 11 Mar	OPENING CEREMONY

APPENDIX A

Group Stage

Event Day	Date	Group A St. Kitts & Nevis	Group B Trinidad & Tobago	Group C Saint Lucia	Group D Jamaica
12	Tue 13 Mar	<i>Rest</i>	<i>Rest</i>	<i>Rest</i>	West Indies vs Pakistan
13	Wed 14 Mar	Australia vs Scotland	<i>Rest</i>	Kenya vs Canada	<i>Rest</i>
14	Thu 15 Mar	<i>Rest</i>	Sri Lanka vs Bermuda	<i>Rest</i>	Zimbabwe vs Ireland
15	Fri 16 Mar	South Africa vs The Netherlands	<i>Rest</i>	England vs New Zealand	<i>Rest</i>
16	Sat 17 Mar	<i>Rest</i>	India vs Bangladesh	<i>Rest</i>	Pakistan vs Ireland
17	Sun 18 Mar	Australia vs The Netherlands	<i>Rest</i>	England vs Canada	<i>Rest</i>
18	Mon 19 Mar	<i>Rest</i>	India vs Bermuda	<i>Rest</i>	West Indies vs Zimbabwe
19	Tue 20 Mar	South Africa vs Scotland	<i>Rest</i>	New Zealand vs Kenya	<i>Rest</i>
20	Wed 21 Mar	<i>Rest</i>	Sri Lanka vs Bangladesh	<i>Rest</i>	Zimbabwe vs Pakistan
21	Thu 22 Mar	Scotland vs The Netherlands	<i>Rest</i>	New Zealand vs Canada	<i>Rest</i>
22	Fri 23 Mar	<i>Rest</i>	India vs Sri Lanka	<i>Rest</i>	West Indies vs Ireland
23	Sat 24 Mar	Australia vs South Africa	<i>Rest</i>	England vs Kenya	<i>Rest</i>
24	Sun 25 Mar	<i>Rest</i>	Bermuda vs Bangladesh	<i>Rest</i>	<i>Rest</i>

-A3-

APPENDIX A**Second Stage - Super Eight**

Event Date	Date	Group A Antigua & Barbuda	Group B Grenada	Group C Guyana	Group D Barbados
26	Tue 27 Mar	D2 vs A1		Rest	
27	Wed 28 Mar	Rest		A2 vs B1	
28	Thu 29 Mar	D2 vs C1		Rest	
29	Fri 30 Mar	Rest		D1 vs C2	
30	Sat 31 Mar	A1 vs B2		Rest	
31	Sun 01 Apr	Rest		D2 vs B1	
32	Mon 02 Apr	B2 vs C1		Rest	
33	Tue 03 Apr	Rest		D1 vs A2	
34	Wed 04 Apr	C2 vs B1		Rest	
37	Sat 07 Apr	Rest		B2 vs A2	
38	Sun 08 Apr	A1 vs C2		Rest	
39	Mon 09 Apr	Rest		D1 vs C1	
40	Tue 10 Apr		D2 vs A2		
41	Wed 11 Apr		Rest		C2 vs B2
42	Thu 12 Apr		B1 vs C1		Rest
43	Fri 13 Apr		Rest		A1 vs D1
44	Sat 14 Apr		A2 vs C1		Rest
45	Sun 15 Apr		Rest		B2 vs D1
46	Mon 16 Apr		A1 vs B1		Rest
47	Tue 17 Apr		Rest		A2 vs C2
48	Wed 18 Apr		D1 vs B1		Rest
49	Thu 19 Apr		Rest		D2 vs B2
50	Fri 20 Apr		A1 vs C1		Rest
51	Sat 21 Apr		Rest		D2 vs C2

Semi - Final Round

Event Day	Date	Semi Final 1 Jamaica	Semi Final 2 Saint Lucia
54	Tue 24 Apr	2nd vs 3rd	
55	Wed 25 Apr		1st vs 4th

Final

Event Day	Date	Barbados
58	Sat 28 Apr	Final

Team Groupings | Match Schedule

Attachment to APPENDIX A

Projected Spectator) Visitor Numbers

according to

A Presentation by

Event Director, ICC CWC 2007 Inc

As Compiled by SKM-London



Projected Visitor Numbers

Presented by: Nigel Rushman
Event Director, ICC CWC 2007 Inc

Compiled by SKM-London



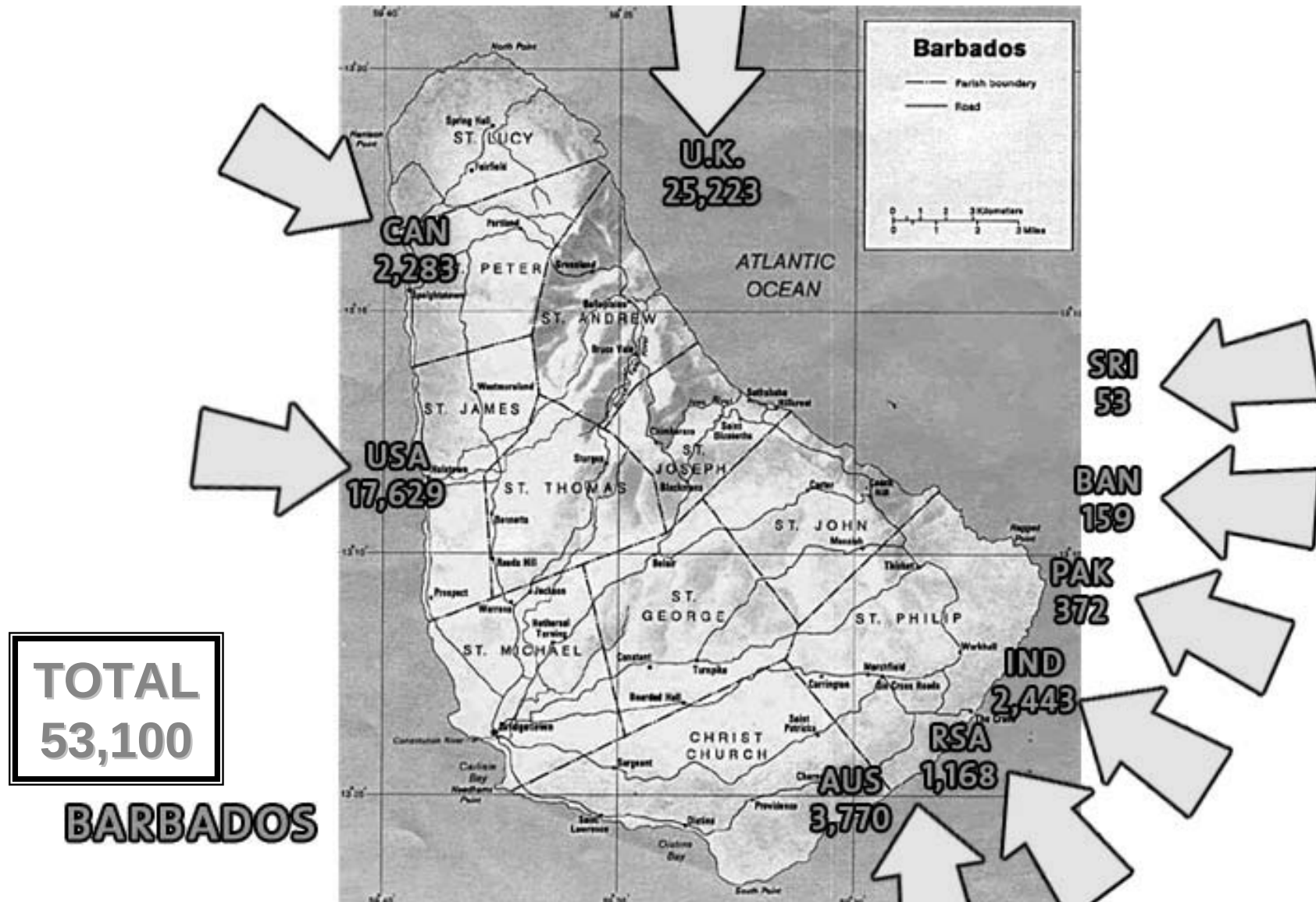
ANTIGUA & BARBUDA



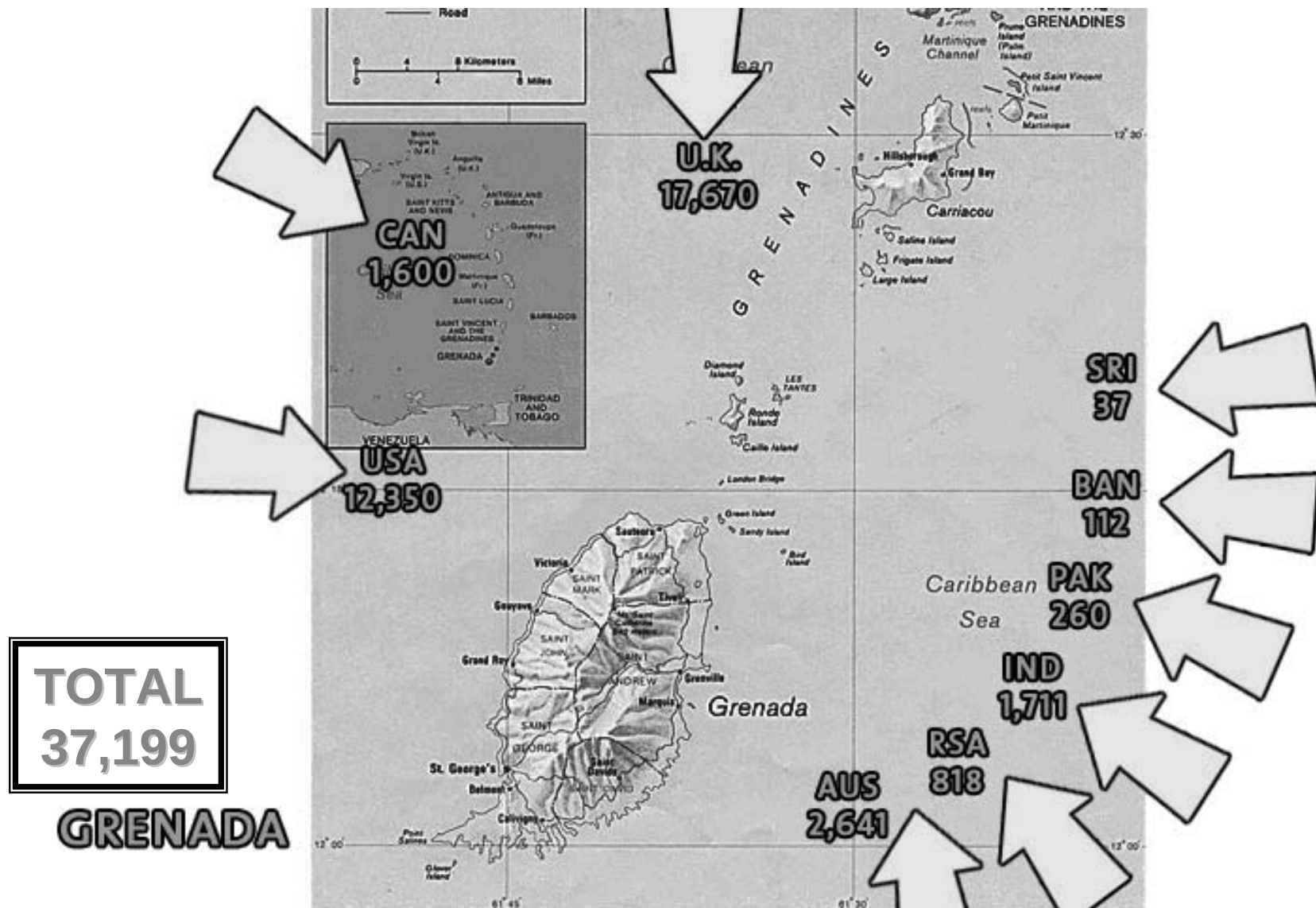
TOTAL
52,100

ANTIGUA & BARBUDA

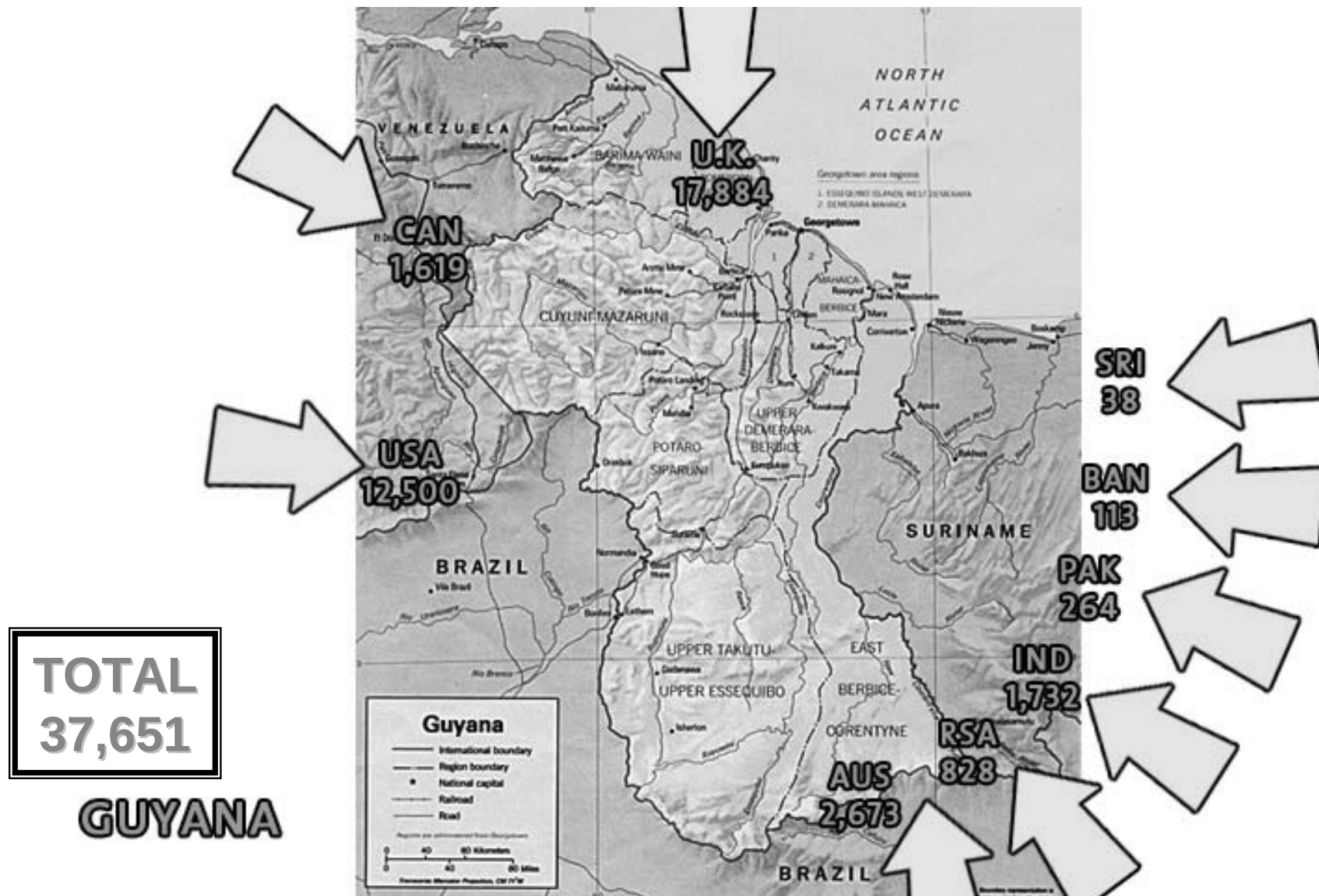
BARBADOS



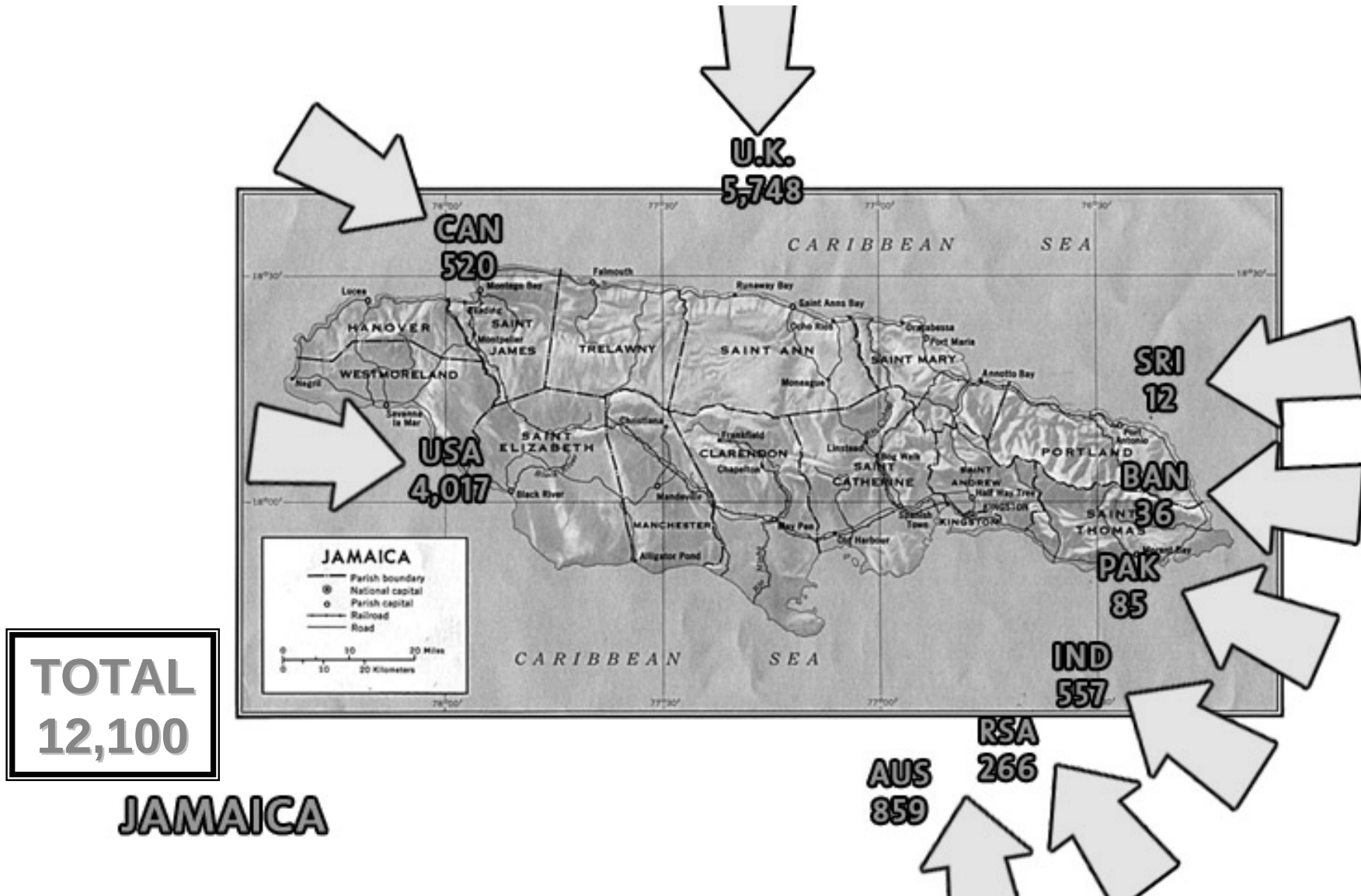
GRENADA



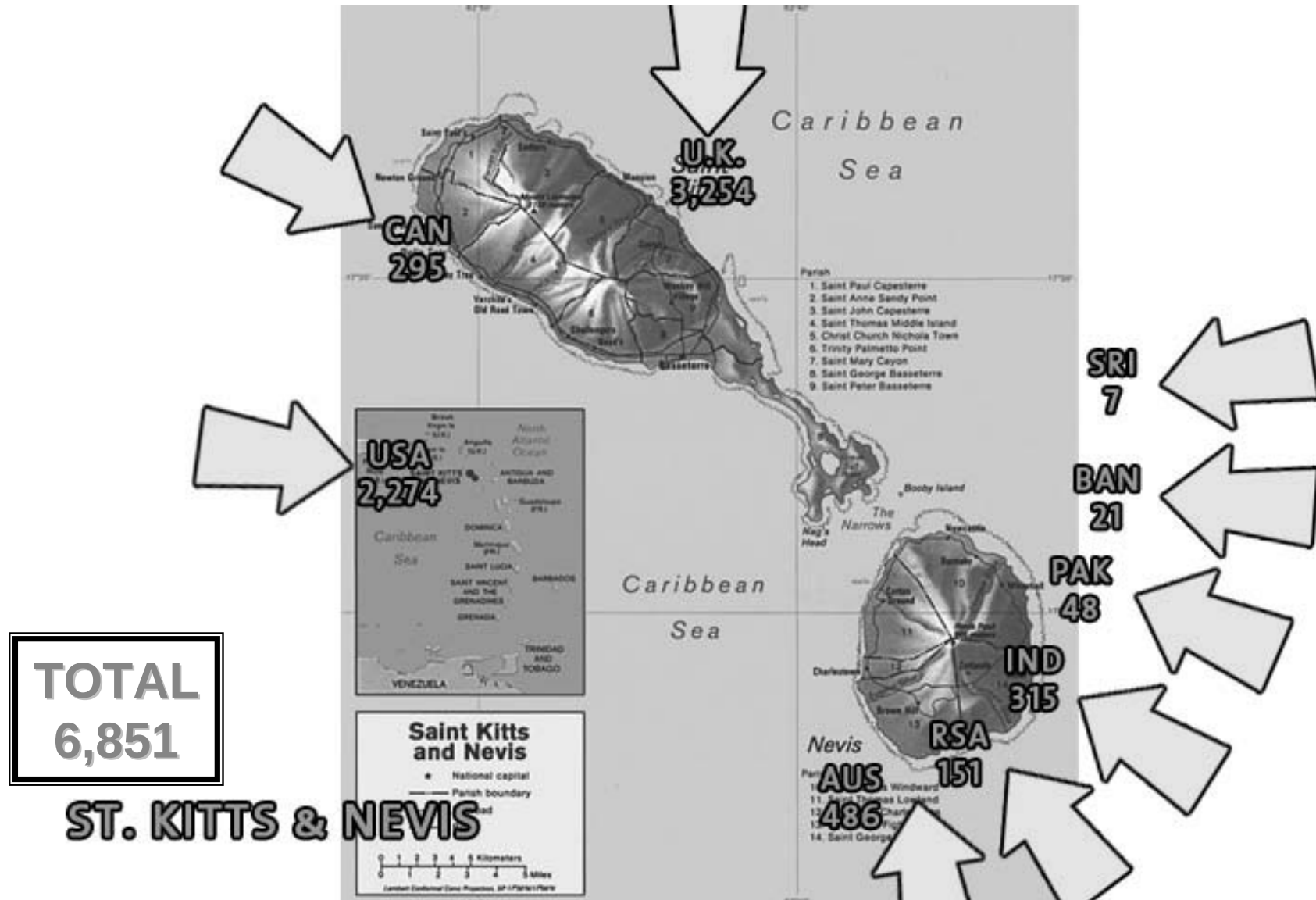
GUYANA



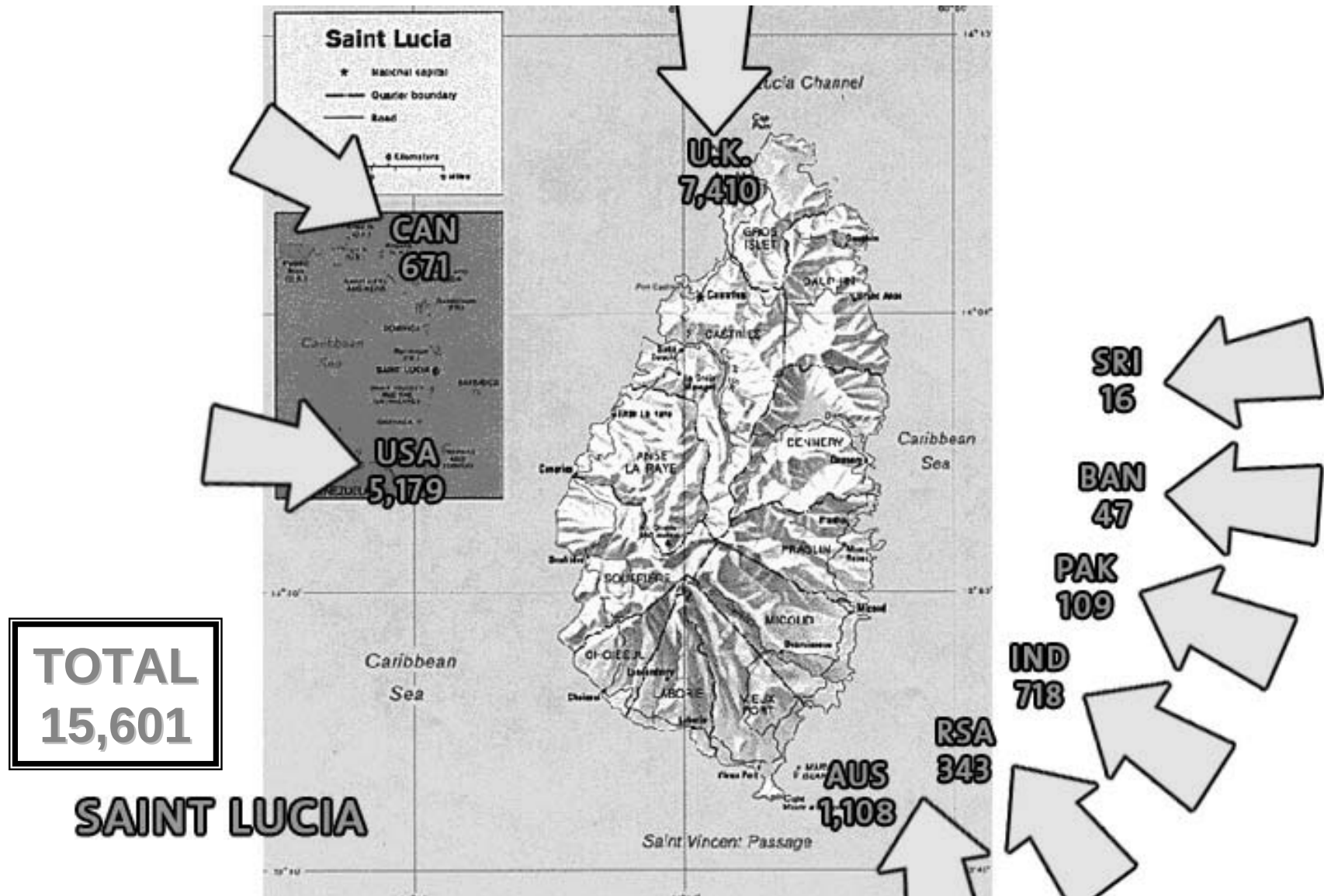
JAMAICA



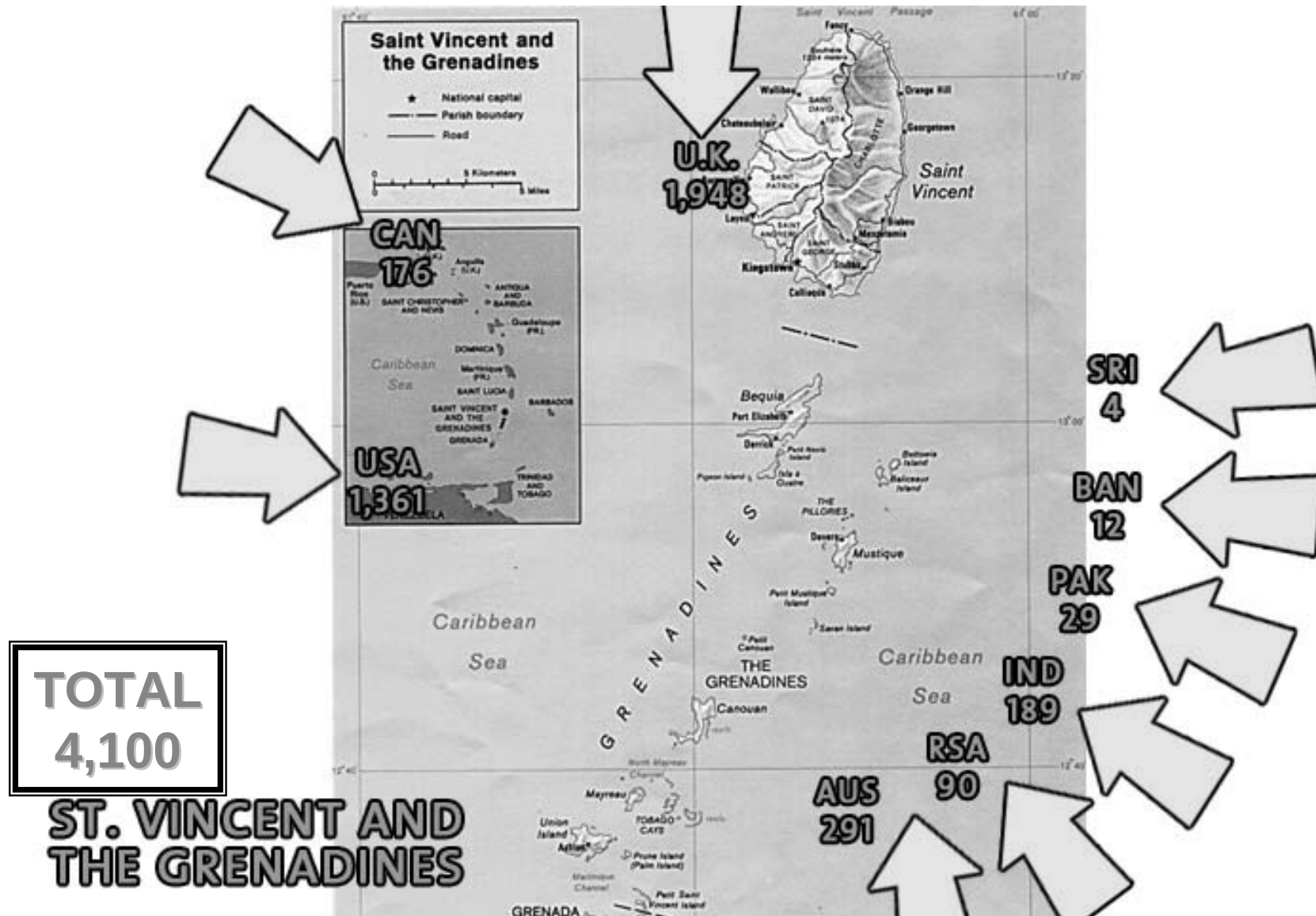
SAINT KITTS & NEVIS



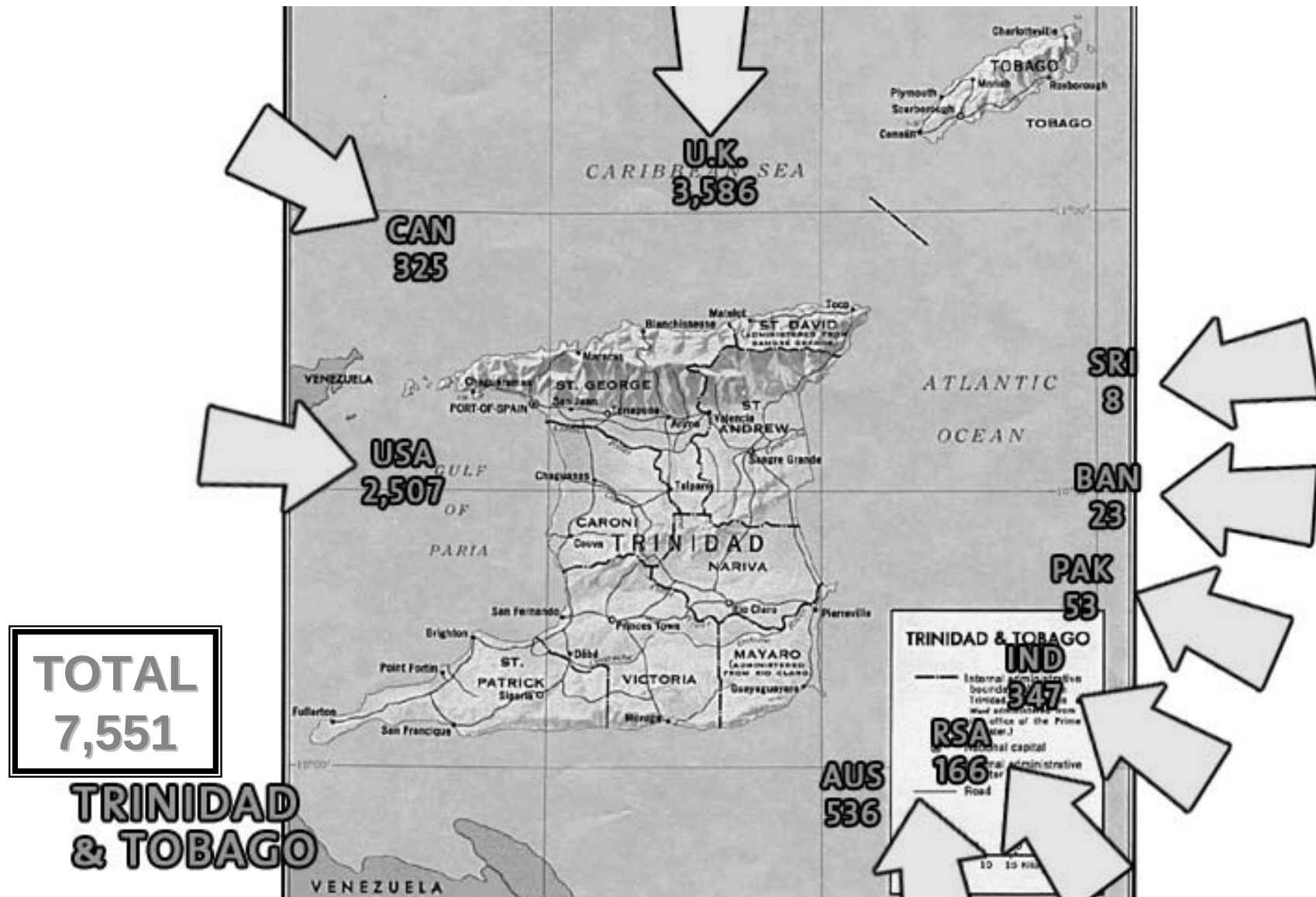
SAINT LUCIA



SAINT VINCENT & THE GRENADINES



TRINIDAD & TOBAGO



PROJECTED MEDIA NUMBERS





NEWS AGENCIES

Agence France-Presse

Associated Press

Getty Images

Press Association

Reuters

Various National Wire & Photo Agencies



Any Questions?

Thank you



APPENDIX B**CRICKET WORLD CUP 2007 ATFM TASKS**

No	TASK	DEADLINE DATE	PERSON RESPONSIBLE	REMARKS
1.	Provide Point of Contact (POC) to Trinidad and Tobago POC	By 2006 August 18	All E/CAR States and Territories	Through ICAO NACC Office invitations were sent to Dominican Republic, Haiti, Jamaica, Netherlands Antilles, IATA, IFALPA and IFATCA for their participation in E/CAR ATFM activity during the ICC CWC 2007. POCs have been provided and are involved in the activities. POCs are yet to be obtained from Netherlands Antilles and IFALPA. Guyana and United States POCs are participating. Suriname and Venezuela are yet to inform on participation and their POCs.
2.	Issue general AIC relating to Cricket World Cup 2007	2006 September 15	Barbados AIS Martinique AIS Piarco AIS	Coordination carried out between Barbados, France, and Trinidad and Tobago. AIC was issued simultaneously on 2006 September 16.
3.	Coordinate with U.S. FAA Command Center, regarding telephone conferencing communications facility	On-going	Trinidad and Tobago POC	Coordination has been completed with the US FAA Command Center for the use of their telephone conferencing communication for ATFM activities prior to and during CWC 2007.
4.	Copy all information relating to Cricket World Cup 2007 to ATS Points of Contact in Dominican Republic, Guyana, Haiti, Jamaica, Netherlands Antilles (Curacao & Sint Maarten), Suriname, USA (Miami Center & San Juan CERAP) and Venezuela	On-going	Trinidad and Tobago POC	Trinidad and Tobago POC carries out this action on an ongoing basis.
5.	Obtain projected spectator attendance at all E/CAR cricket venues	2006 September 30	All E/CAR States and Territories	Projected Spectator attendance obtained by Trinidad and Tobago POC from ICC CWC 2007 Inc. through Cliff Hamilton Visitor Experience Manager, Event Management Department.
6.	Obtain, for purposes of traffic analysis:			
6.a.	Air traffic statistics for 2004, 2005, 2006 (Jan-Apr)	2006 September 30	All E/CAR States and Territories	To be sent to Trinidad and Tobago POC
6.b.	Assess TMA en-route capacity (all TMAs)	2006 September 30	All E/CAR States and territories	To be sent to Trinidad and Tobago POC
6.c.	Assess Airport capacity (including apron capacity)	2006 September 30	All E/CAR States and Territories	To be sent to Trinidad and Tobago POC
7.	Forecast Estimates on weather conditions (historical weather patterns)	2006 September 30	All E/CAR States and Territories	To be sent to Trinidad and Tobago POC
8.	Obtain projected air traffic movements (scheduled and non-scheduled traffic, including charter flights, extra sections, general aviation (corporate and business operations), overflights and helicopter operations)	2006 September 30	All E/CAR States and Territories	To be sent to Trinidad and Tobago POC
9.	Obtain information relating to aerodrome and ATS hours of	2006 September 30	All E/CAR States and	To be sent to Trinidad and Tobago POC

	operation and any conditionalities attached		Territories	
10.	E/CAR ATM Committee Meeting	2006 October	All Parties concerned	Proposed Date: 2007 January and to be held in Trinidad and Tobago
11.	Issue NOTAM relating to the activity regarding required advance FPL notification	2006 October 18	Piarco NOF	Coordination between Piarco NOF and Trinidad and Tobago POC for issuance
12.	Disseminate between POCs corresponding information via web postings, e-mail, facsimile to coordinate demand and capacity balancing procedures among FMPs and FMU	2006 October 25	Trinidad and Tobago POC	Ongoing with all concerned parties via e-mail and facsimile thus far. Web postings and Notice Boards being considered.
13.	Plan and execute first E/CAR TELECON	By end of 1 st week of 2006 November	Trinidad and Tobago POC	First TELECON between all parties concerned successfully took place on 2006 November 08.
14.	WP to the E/CAR DCAs Meeting (St. Kitts/Nevis Miami, Florida – 2006 December 04 to 07)	2006 November 22	Trinidad and Tobago POC	Mr. Samuel Lampkin, Rapporteur of E/CAR ATM Committee will prepare and complete a WP for submission to ICAO NACC Office.
15.	Conclude and sign revised ATS Operational Letters of Agreement	2006 December 01	All E/CAR States and Territories	This process is ongoing among the States and Territories concerned.
16.	Correct all AIS flight planning deficiencies	2007 January 31	All E/CAR States and Territories	This process is ongoing among the States and Territories concerned.
17.	Establish a Flow Management Unit (FMU)	By 2007 January 31	Trinidad and Tobago	Preparatory work is in progress for location at Piarco ACC
18.	Establish Flow Management Positions (FMPs)	By 2007 January 31	All E/CAR States and Territories	In progress
19.	Ensure standardization and harmonization of operating procedures among FMPs and the FMU	By 2007 January 31	Trinidad and Tobago POC	In progress
20.	Complete demand and capacity balancing procedures among FMPs and the FMU	End of November 2006	Trinidad and Tobago POC	Development of E/CAR Procedures between all parties concerned.
21.	Trigger NOTAM regarding requirements of FPL notification, and demand and capacity balancing procedures (IFR/VFR)	2007 February	Piarco NOF	Coordination between Piarco NOF and Trinidad and Tobago POC.
22.	Ensure availability of adequate human resources (ATC and AIS)	2007 March 01	All E/CAR States and Territories	Requires CAA's action to ensure appropriate staffing as required.
23.	Implementation of ATFM Measures/Operations within the Piarco FIR	2007 March 01	All E/CAR States and Territories	Instituted in a coordinated manner by all States and Territories concerned.

APPENDIX C**PIARCO INTERNATIONAL NOTAM OFFICE**

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 PIARCO
 REPUBLIC OF TRINIDAD AND TOBAGO

AIC

06/06
15th SEP 2006

PIARCO FIR (TTZP)**IMPLEMENTATION OF AIR TRAFFIC FLOW MANAGEMENT****AIR TRAFFIC FLOW MANAGEMENT****1. Introduction**

- 1.1 Air Traffic Flow Management (ATFM) is a service established with the objective of contributing to safe, orderly and expeditious flow of air traffic by ensuring that ATC capacity is utilized to the maximum extent possible, and that the traffic volume is compatible with the capacities declared by the appropriate ATS authority. Arising from ICC Cricket World Cup 2007 in the Caribbean, and with anticipation that there will be a significant increase in aircraft movements within the FIR to/from match venue countries it is imperative that measures are implemented to enable ATC to efficiently handle the air traffic during the period.
- 1.2 The implementation of ATFM in the Piarco FIR will permit airspace users to conduct their flight operations with efficiency and reduced delays. The ATFM Service will increase airspace capacity, provide more fuel-efficient flight profiles, and afford greater operational flexibility to the air traffic control units that are responsible for the provision of ATC services in the Piarco FIR through Demand Capacity Balancing.

2. Purpose

- 2.1 This AIC serves as Notice of Intent to implement ATFM Procedures to facilitate the flow of air traffic and reduce delays in the Piarco FIR, including the TMAs and CTRs from 01 March 2007 to 05 May 2007.

3. Area of Application

- 3.1 ATFM shall be applied in Piarco UTA/CTA and in the TMAs and CTRs.

4. Operations within the Piarco FIR

- 4.1 Starting 01 March 2007, only aircraft with an approved and coordinated Estimated Time of Departure (ETD) and/or FPL Boundary Estimate (EST) arrived at through the process of Collaborative Decision Making will be allowed to operate in the Piarco FIR inclusive of all TMAs and CTRs, with the following exceptions:
- State aircraft and humanitarian flights will be allowed to operate in the airspace with prior coordination. Prior coordination means the filing of a flight plan indicating the special flight circumstance in Item 18 of the FPL. **EXAMPLE** RMK/STATE or RMK/HUMANITARIAN flight.

APPENDIX C

- 4.2 ATFM will be implemented in the Piarco FIR in accordance with ICAO regional agreements. In this connection, **ALL OPERATORS** (*Airline Operating Agencies, Business/Corporate Aircraft Operators, Private Aircraft Operators, and other General Aviation Aircraft*) **are required to furnish their Flight Schedule/s for all operations for the period 2007 January 01 to 2007 May 31 to the Piarco AIS Office with all details in the format below BY 2006 NOVEMBER 15.**

PIARCO AIS POINT OF CONTACT

**Randy Gomez: Tel: + 868-669-4128 Fax: + 868-669-1716 E-mail: rgomez@caa.gov.tt
AFTN: TTPPYOYX**

AIRCRAFT CALLSIGN	AIRCRAFT TYPE	POINT OF ORIGIN / DEPARTURE	DATE OF FLIGHT AND ETD	DEST	ETA	FIREET OR TMA EET	FULL ROUTE	FLIGHT LEVEL REQUESTED

- 4.3 It should be noted that for the duration of the Cricket World Cup 2007 Tournament in the Caribbean (01 March 2007 to 05 May 2007) Operators may be required to file FPLs at a much earlier time than that which is normally required. Operators are urged to begin coordination with the appropriate State authority as soon as possible to ensure that their FPL requirements are submitted as per AIC notification. Additional information is available on website listed below:

Trinidad and Tobago: www.caa.gov.tt

- 4.4 For questions involving the Flight Planning process, or for ATC related questions or additional information, the following contacts may be used:

- Trinidad and Tobago Civil Aviation Authority

Leslie Payne Ph. (868)-669-8789/4806 Fax: (868)-669-0635
Samuel Lampkin Ph. (868)-669-4806/0635 Fax: (868)-669-0635 samlampk@tsstt.net.tt

Further Information will be published via AIC and/or NOTAM.

5. Reference Documents

ICAO: Doc. 7030 – Regional Supplementary Procedures
ICAO: Doc. 9750 – Global Air Navigation Plan for CNS/ATM Systems - 2nd Amendment
ICAO: Doc. 9426 – Air Traffic Services Planning Manual
ICAO: Doc. 9854 – Global ATM Operational Concept
ICAO: Doc. 4444 – PANS/ATM
ICAO: Annex 11 – Air Traffic Services
UNDP/ICAO: Regional Project RLA/98/003

APPENDIX D

2006-11-22 - UPDATE

Cricket World Cup 2007 ATFM Tasks

NO	TASK	DEADLINE DATE	PERSON RESPONSIBLE	REMARKS	STATUS
1.	Provide Point of Contact (POC) to Trinidad and Tobago POC	By 2006 August 18	All E/CAR States and Territories	Through ICAO NACC Office invitations sent to Dominican Republic, Haiti, Jamaica, Netherlands Antilles, IATA, IFALPA and IFATCA for their participation in E/CAR ATFM activity during the ICC CWC 2007. POCs have been provided and are involved in the activities. POCs are yet to be obtained from Netherlands Antilles and IFALPA. Guyana and United States POCs are participating. Suriname and Venezuela are yet to inform on participation and their POCs.	Ongoing
2.	Issue general AIC relating to Cricket World Cup 2007	2006 September 15	Barbados AIS Martinique AIS Piarco AIS	Coordination carried out between Barbados, France, and Trinidad and Tobago. AIC was issued simultaneously on 2006 September 15.	Completed
3.	Coordinate with U.S. FAA Command Center, regarding telephone conferencing communications facility	On-going	Trinidad and Tobago POC	Coordination has been completed with the US FAA Command Center for the use of their telephone conferencing communication for ATFM activities prior to and during CWC 2007.	Permanent
4.	Copy all information relating to Cricket World Cup 2007 to ATS Points of Contact in Dominican Republic, Guyana, Haiti, Jamaica, Netherlands Antilles (Curacao & Sint Maarten), Suriname, USA (Miami Center & San Juan CERAP) and Venezuela	On-going	Trinidad and Tobago POC	Trinidad and Tobago POC carries out this action on an ongoing basis.	Permanent
5.	Obtain projected spectator attendance at all E/CAR cricket venues	2006 September 30	All E/CAR States and Territories	Received Info on spectator attendance from: 1) Antigua and Barbuda – 53,000; 2) Barbados -56,000; 3) Grenada – 30,000; 4) Saint Lucia – 30,000; 5) Trinidad & Tobago – 6,000. Additionally, ICC CWC 2007 Inc. Information received through Cliff Hamilton, Visitor Experience Manager, Event Management Department	Ongoing
6.	Obtain, for purposes of traffic analysis:				
6.a.	Air traffic statistics for 2004, 2005, 2006 (Jan-Apr)	2006 September 30	All E/CAR States and Territories	Received Info on airport aircraft movement from: 1) Antigua & Barbuda - V.C. Bird - 2004, 2005, 2006. 2) Barbados - Adams -2004, 2005, 2006. 3) Grenada - Point Salines – 2004, 2005, 2006. 4) France - Guadeloupe – 2004, 2005, ????. 5) Martinique – 2004, 2005, ????. 6) Trinidad and Tobago – 2004, 2005, 2006. Info yet to be received from: 1) Saint Lucia - ????, ????, ????. 2) St. Kitts/Nevis - ????, ????, ????. 3) St. Vincent & the Grenadines - ????, ????, ????. Info to be sent to Trinidad and Tobago POC	Ongoing
6.b.	Assess TMA en-route capacity (all TMAs)	2006 September 30	All E/CAR States and territories	Info received from France – Guadeloupe and Martinique, and Trinidad and Tobago. Other States and Territories are yet to send Info to Trinidad and Tobago POC.	Ongoing
6.c.	Assess Airport capacity (including apron capacity)	2006 September 30	All E/CAR States and Territories	Received Info on airport capacity including apron capacity from: 1) Barbados – 22 S + double Park Turboprop, C Jets & Piston a/c. 2) Trinidad and Tobago – Piarco – 30 + Lt. aircraft Parking. ~ Crown Point – 7 + Lt. a/c Parking. Other States and	Ongoing

				Territories yet to send Info to Trinidad and Tobago POC are: 1) Antigua & Barbuda - ?? 2) Grenada - ?? 3) France – Guadeloupe - ?? ~ Martinique - ?? 4) Saint Lucia - ?? 5) St. Kitts/ Nevis - ?? 6) St. Vincent & the Grenadines - ??	
7.	Forecast Estimates on weather conditions (historical weather patterns)	2006 September 30	All E/CAR States and Territories	Trinidad and Tobago POC is coordinating with MET Services within the E/CAR (Barbados, France, and Trinidad and Tobago) and MET in Guyana. Info to be sent to Trinidad and Tobago POC.	Ongoing
8.	Obtain projected air traffic movements (scheduled and non-scheduled traffic, including charter flights, extra sections, general aviation (corporate and business operations), overflights and helicopter operations)	2006 September 30	All E/CAR States and Territories	Info to be sent to Trinidad and Tobago POC. However, Trinidad and Tobago will carry out additional analysis.	Ongoing
9.	Obtain information relating to aerodrome and ATS hours of operation and any conditionalities attached	2006 September 30	All E/CAR States and Territories	To be sent to Trinidad and Tobago POC	Ongoing
10.	E/CAR ATM Committee Meeting	2006 October	All Parties concerned	Proposed Date 2007 January and to be held in Trinidad and Tobago	Planning. Set for 2007 JAN
11.	Issue NOTAM relating to the activity regarding required advance FPL notification	2006 October 18	Piarco NOF	Coordination between Piarco NOF and Trinidad and Tobago POC for issuance.	Issuance in 2007 January
12.	Disseminate between POCs corresponding information via web postings, e-mail, facsimile to coordinate demand and capacity balancing procedures among FMPs and FMU	2006 October 25	Trinidad and Tobago POC	Ongoing with all concerned parties via e-mail and facsimile thus far. Web postings and Notice Boards being considered.	Permanent
13.	Plan and execute first E/CAR TELECON	By end of 1 st week of 2006 November	Trinidad and Tobago POC	First TELECON between all parties concerned successfully took place on 2006 November 08.	Permanent
14.	WP to the E/CAR DCAs Meeting (St. Kitts/Nevis – 2006 December)	2006 November 22	Trinidad and Tobago POC	Trinidad and Tobago presented a WP on the Proposed E/CAR ATFM activities for ICC CWC 2007 at GREPECAS ATM/CNS/SG/5, Lima, Peru, 13 to 17 November 2006. Additionally, the Rapporteur of the E/CAR ATM Committee will prepare and complete a WP for submission to ICAO NACC Office.	Completed Completed
15.	Conclude and sign revised ATS Operational Letters of Agreement	2006 December 01	All E/CAR States and Territories	This process is ongoing among the States and Territories concerned.	Ongoing
16.	Correct all AIS flight planning deficiencies	2007 January 31	All E/CAR States and Territories	This process is ongoing among the States and Territories concerned.	Ongoing
17.	Establish a Flow Management Unit (FMU)	By 2007 January 31	Trinidad and Tobago	Preparatory work is in progress for location at Piarco ACC.	Ongoing
18.	Establish Flow Management Positions (FMPs)	By 2007 January 31	All E/CAR States and Territories	In progress	Ongoing
19.	Ensure standardization and harmonization of operating procedures among FMPs and the FMU	By 2007 January 31	Trinidad and Tobago POC	In Progress	Ongoing
20.	Complete demand and capacity balancing procedures among FMPs and the FMU	End of November	Trinidad and Tobago POC	Coordinated Development of E/CAR Procedures with all parties concerned	Ongoing
21.	Trigger NOTAM regarding requirements of FPL notification, and demand and capacity balancing procedures (IFR/VFR)	2007 February	Piarco NOF	Coordination between Piarco NOF and Trinidad and Tobago POC	Ongoing
22.	Ensure availability of adequate human resources (ATC and AIS)	2007 March 01	All E/CAR States and Territories	Requires CAA's action to ensure appropriate staffing term as required	Ongoing
23.	Implementation of ATFM Measures/Operations within the Piarco FIR	2007 March 01	All E/CAR States and Territories	To be instituted in a coordinated manner by all States and Territories concerned.	Set for q2007 March 01

APPENDIX E
STATUS OF ACTION RE- ATFM TASKS APPLICABLE TO
STATES / TERRITORIES OF THE E/CAR AND THOSE ADJACENT TO THE WEST AND SOUTH

STATES/TERRITORIES	ATM TASKS																							
	1	2	3	4	5	6.a	6.b	6.c	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Anguilla	N					N	N	N	N	N	N				N							N		
Antigua & Barbuda	Y				Y	Y	O/G	O/G	Y	O/G	Y				Y		Y			O/G		N		O/G
Barbados	Y	Y			Y	Y	O/G	Y	Y	O/G	Y				Y		N			O/G		N		O/G
Br. Virgin Isles	Y					Y	N	Y	N	N	N				N							N		
Dominica	N								N	N	N				N			Y				N		
French Antilles	Y	Y				Y	O/G	O/G	O/G	O/G	Y				Y		Y			Y		O/G		O/G
Grenada	Y				Y	Y	N	N	Y	O/G	O/G				Y		N			O/G		N		O/G
Montserrat	Y								N	N	N				N							N		
St. Kitts/Nevis	Y				N	N	N	N	N	N	N				Y					N		N		N
St. Lucia	Y				Y	N	N	N	O/G	O/G	N				N					N		N		N
St. Vincent & the Grenadines	Y				N	N	N	N	N	N	N				Y		N			O/G		N		N
Trinidad & Tobago	Y	Y	Y	Y	Y	Y	O/G	Y	Y	O/G	Y	RES	DLA	O/G	Y	Y	O/G		O/G	O/G	O/G	O/G	KIV	O/G
USA	Y														Y		O/G		Y	Y		Y		Y
EXTRA E/CAR STATES	1	2	3	4	5	6.a	6.b	6.c	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Dominican Republic	Y																							
Guyana	Y														Y									
Haiti	Y																							
Jamaica	Y								Y						N									
Netherlands Antilles	N																							
Suriname	N																							
Venezuela	N																							

N

Not Completed

RES

Rescheduled

Yet to be Confirmed

KIV

Keep in View

Y

Completed

DLA

Delayed

O/G

Ongoing

Not Applicable

-END-