Summary Report for the

Data Scoping of the
Grenadines Marine Space Use Information System (MarSIS)

A summary of preliminary observations and key informant interviews from Grenada, St. Vincent and the Grenadine Islands

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INTRODUCTION

Marine resources (including fishing and marine-based tourism) are of vital importance to the people of the Grenadines. A greater understanding of the abundance and distribution of key marine resources, marine resource users and the patterns of use is critical to planning and the sustainable use of the coastal resources of the Grenadines. Effective coastal resource management must balance the sustainable use, resource protection and conservation within the communities’ need for food security, livelihood and equitable use of resources. Therefore, multi-sectoral collaboration and strong community participation is required to successfully maximise management efforts.

The Grenadines MarSIS will integrate social, economic, policy, cultural and biophysical marine resource information in a single GIS framework to aid effective coastal resource management and sustainable livelihoods. By including the social frame of reference and local ecological knowledge with traditional scientific approaches, important information gaps can be filled, potential problems can be identified and management priorities focused accordingly. Furthermore, involving a range of stakeholders in the information gathering and research processes allows for a participatory framework for comanagement and equity in decision making by meaningfully including and considering all sectoral and community interests.

REVIEW OF GRENADINES MarSIS METHODOLOGY AND TIMEFRAME

A variety of stakeholder participation is essential for the success of the Grenadines MarSIS project. Therefore, summary reports (similar to this report) will be produced and distributed after each of the following phases of the project in order to document methodologies used, information collected and general response to activities in order to exchange information and the progress of the project among all stakeholders in a transparent fashion. Additionally, an multi-stakeholder e-group has been established to facilitate integrated communications on the Grenadines MarSIS project. All reports, files and updates on the current status of the project will also be available at: http://groups.yahoo.com/group/grenadinesMarSIS/.

TIMEFRAME of the Grenadines MarSIS Project

DEVELOPMENT OF THE GRENADINES MarSIS (June 2005 – March 2006)

- Data collected & reviewed
- Constructed Grenadines MarSIS framework
- Identified information gaps
- Conducted initial Government stakeholder proposal meetings

DATA SCOPING FOR THE GRENADINES MarSIS (May 2006)

- Present MarSIS project to Grenadines Communities & NGO key informants
- Interview marine resource user key informants
- Collected additional secondary information
- Visits to government agencies: id structure and management of data collection
- Verified existing datasets
COMMUNITY ENGAGEMENT IN THE GRENADINES MarSIS (June – August 2006)
- Community presentations of MarSIS
  - Introduce purpose and importance of MarSIS project
  - Feedback from preliminary data scoping
  - Identify community interest and information needs
- Socio-economic and livelihood analyses of marine resource users
  - 2 Categories: Fishers & Other Marine Resource Users
    - Used to determine resource use patterns
      - Spatial distribution, intensity, activity profiles, conflicts
    - SOCMON Caribbean & DFID Sustainable Livelihoods Methodologies
      - Assisted by 2 CERMES MSc research students
      - Spatial information will be collected
      - Socio-economic and livelihood technical reports & spatial information datasets will be produced for both groups
- Collection of local names for various marine areas and fish for base maps

SPATIAL DATA COLLECTION (August - September 2006)
- Community presentations of local maps (validation & distribution of maps)
- Fishers and Other Marine Resource Users
  - Fishers: Focus group meetings to identify fishing banks
  - Other Important Marine Resource User Areas: Mapping interviews/GPS routes
  - Identify important marine habitats

VALIDATION OF INFORMATION AND IDENTIFY GAPS (October 2006)
- Feedback from government, NGO and community stakeholders
- Identification of remaining information gaps
- Planning of further data collection and research activities

2007- 2008 ACTIVITIES
- Additional field research/data collection
- Produce Grenadines marine atlases
- Complete Grenadines MarSIS for implementation
- Make marine space use planning suggestions
- Document lessons learnt
- Prepare PhD dissertation

SUMMARY OF GRENADINES MarSIS DATA SCOPING TRIP
This report is a summary of the preliminary marine resource user data scoping trip for the Grenadines MarSIS project. During May 2006, the 11 inhabited islands of the Grenadines (St. Vincent, Bequia, Canouan, Mustique, Mayreau, Union, Palm, Petite St. Vincent, Petite Martinique, Carriacou and Grenada) were visited in order to better understand the existing marine resources, their uses, users, infrastructure and management as well as identify areas for further exploration.
during the project. Observations and identification of marine resources, their uses and a general inventory of current marine resources users for each island were priority (Table 1). Identifying and making contact with key informants as well as introducing the project to community leaders and the various marine resource users of the Grenadines was accomplished. Additionally on the mainland’s of Grenada and St. Vincent, each of the relevant government stakeholder departments were visited in order to collect additional secondary information (ie: previous research, legislations, management plans, policies and statistics) as well as better understand each agencies’ role, mandate and categories of marine resource information currently collected.

### Table 1. Categories of government and marine resource users

<table>
<thead>
<tr>
<th>Government</th>
<th>Marine Resource Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fisheries</td>
<td>Ferries</td>
</tr>
<tr>
<td>Forestry</td>
<td>Shipping</td>
</tr>
<tr>
<td>Planning</td>
<td>Yachting</td>
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<tr>
<td>Coast Guard</td>
<td>Tour Operators</td>
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<tr>
<td>Port Authority</td>
<td>Water-taxis</td>
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<tr>
<td>Tourism</td>
<td>Dive Operators</td>
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<tr>
<td>Statistics</td>
<td>Fishers</td>
</tr>
<tr>
<td>Maritime Administration</td>
<td>Recreational / Cultural</td>
</tr>
</tbody>
</table>

### GOVERNMENT STAKEHOLDER INTERVIEWS

In each country of Grenada and St. Vincent all relevant government departments were visited and key technical personnel interviewed (Appendix 1). Understanding each department’s mandate, role in marine resource management, current systems for data collection, structure of databases as well as reviewing and collecting existing legislations, research and information was paramount. A total of 32 persons working for government agencies were interviewed during the data scoping trip.

### KEY INFORMANT MARINE RESOURCE USER INTERVIEWS

Marine resource users were categorised (Table 1) and a minimum of 3 key informants of each group were identified and interviewed in order to get a preliminary assessment of the overall population, the number and types of marine resource users, existing marine-based infrastructure, occupations, preliminary identify marine areas of importance, environmental issues, conflicts and formal associations across the Grenadine islands. As much as possible key informants were spread across the various islands and countries in order to attain a representative sample of marine resources, users and space use on the Grenada bank. A total of 57 marine resource users were interviewed during the data scoping trip (Appendix 2).

### SUMMARY OF MARINE RESOURCE USER – OBSERVATIONAL & KEY INFORMANT INTERVIEW DATA BY ISLAND

It must be emphasised that the following information is merely a summary of the opinions of key informants interviewed during the scoping trip. This information is in no way comprehensive or statistically representative of the communities of the Grenadines. This summary is provided to get a preliminary ‘snapshot’ of existing marine resource users and issues based on observations and initial interview information.
ST. VINCENT

Infrastructure:
Kingstown: 5 docks (Cruise Ship, Ferry, Deep Harbour, Fish Market-2), no waterside gas (trucked in and filled at dock)
Blue Lagoon: Full service marina (fuel, water, trash). Yachting Companies: TMU, Barefoot, Sunsail & Indigo Dive
- 150-200 yachts based at Blue Lagoon, St. Vincent (estimated at 5% of total yachts in the Grenadines)

Marine Resource Users:
Yachting (TMU, Barefoot, Sunsail), Day Tours (Fantasea, Baliene Tours, Windsong II)
Shipping: Kingfisher II, Kingfisher III, Jeronimo, My Procedure (sloop)
Ferries: Bequia Express I & II, Admiral Bay II, MV Rita, Canouan Bay, Barracuda, Gemstar

Environmental Problems:
Frequent oil spills & trash in sea from boats. Ships: pollution in water from oily bilge, no rings around boats while fuelling, no rat guards, sewage & grey water from boats

Conflicts:
Many marine resource users express frustration with the Coast Guard's lack of enforcement in the way of fishing regulations and tourism related matters, also there is an issue with the location of existing customs/immigration (several agencies spread around Kingstown & none in Blue Lagoon)

Fishers:
Important fishing villages using the Grenadines: Calliaqua, Greathead bay, Barrouallie

Types of Fishing:
Mostly pelagics (long line) fishing off of the Grenada bank & mainland

Organisations:
Friends of the Tobago Cays, National Trust

BEQUIA

Population estimates: 5,000–7,000

Infrastructure: 9 jetties in Port Elizabeth, waterfront gas & water, trash disposal, laundry, customs, immigration, haul-out for small catamarans, variety marine services & engineers, compressors: 2 at dive shops & many in Paget Farm fishing village

Marine Resource Users:
Day Tours: Friendship Rose, Tranquil Tours, Handy Andy Tours, Michael Tours, Osprey, Pelangie, Quest, Inspired Sailing, My Rick

Yachting: Tradewinds Cruise Club

Shipping: Kingfisher II, Jeronamo

Ferries: Bequia Express I & II, Admiral Bay II, Barracuda

Occupations:
Yachting/Maritime professions, Tourism-based activities, Fishing, Water-taxis (seasonal), Construction

Environmental Problems:
Oil spills from Vinlec, Oily bilge water from ferries, sewage from boats, storm drains into bay, hotel wastewater (black & grey)- no soak-aways near coastal developments, beach erosion/sedimentation from construction, loss of mangrove from the construction of the airport

Conflicts:
Many marine resource users express frustration with the Coast Guard's lack of enforcement in the way of fishing regulations and tourism related matters, also there is an issue with the location of existing customs/immigration (several agencies spread around Kingstown & none in Blue Lagoon)

Fishers:
Main Fishing Village: Paget Farm (estimates ranging from 100-500 from Paget Farm (many of Bequia’s fishers are spread around many islands of the Grenadines)

Paget Farm: more than 100 speedboats with avg. 85 hp and 4 men per boat, Fishing complex (ice, water, electricity, dock, jetty, no gas, no fish market in Paget Farm), must go to small market in Port Elizabeth to sell fish locally and get gas, Friendship Bay (1 Martinique Trading Vessel)

Types of Fishing:
lobster (pots & tank), conch (dive), fish (line/spear), seaweed, waters for personal consumption, no sea eggs

Organisations:
Paget Farm Sports Culture & Environmental Association, Bequia Tourism Association, Sandwatch, Environmental Club
CANOUAN
Population estimates: 2,000-3,000 (1,300 ex-pats, 600 locals, 1,100 foreign workers)
Infrastructure:
2 jetties at Retreat (no water, no laundry, no dingy dock or trash disposal), 1 jetty at Fishing Complex: with water, electricity, freezer, ice (no gas for boats- must go to Retreat), desalination plant
Marine Resource Users:
Moorings Yachting Base (44 boats: 6 crewed & 38 bareboats), Canouan Dive Shop, Raffles Watersports, Day Tours (3): Cardel Snagg, Eli DeRoche, Canouan Marine (Italians), 4 water-taxis, Canouan Sailing Association
Occupations: Tourism, Construction, Entrepreneurs, Fishing (a lot of part-time for household use)
Environmental Problems: Mangrove cutting, dump located in mangrove, expansion of airport into mangrove and into bay known as a conch nursery ground & for baitfish, sewage from boats, lack of trash facilities
Conflicts with other MRU’s: French Yachters (violation of fishing regulations), pots being set at Sail Rock by Grenadian fishers
Fishers: Mainly at Friendship Bay fishing complex (7 from Canouan & 30 Bequia)
Types of Fishing: Lobster (trap), conch (dive), baitfish (cast nets), reef fish (spear), bottom fish (line), Pelagics (a little trolling)
Organisations: Canouan Tourism Association, Canouan Island Council, Canouan Sailing Association

MUSTIQUE
Population estimates: 1,500 (+800 villa residents)
Infrastructure: Fishing complex (1 compressor) & Dive Shop (1 compressor), desalination plant, Britannia Bay: Only anchorage for yachts, trash disposal, no water, dingy dock, ferry dock; Endeavor Bay: 1 watersports dock and dive shop
Occupations: Domestic (trades & housework), fishing, entrepreneurs (3 shops in village)
Environmental Problems: septic systems (leak), chemical on lawns, sewage from yachts, trash in Endeavor Bay (from construction)
Conflicts: Spear-fishing within the 1000 yard marine conservation area (fishers only allowed cast nets within conservation area), Martinique boats accepting juvenile reef fishes, French Yachters (violation of fishing regulations)
Fishers: approximately 30+ boats (all speedboats avg. 60-85 hp & 2 double-enders), 45-60 fishers (up to 75 fishers during season all from Bequia except one from Mustique–consist mainly of older men), fishers like Mustique due proximity to fishing grounds, most men fish twice a day, access to ice, freezer, electricity & water, sell at fish market & Basil’s Bar
Types of Fishing: Coastal pelagics & turtles (trammel nets), Lobster (traps/tank), Conch (tank), Fish (handlines & 2 seine nets), no sea eggs
Another Fishing Island: Savon Island (8-10 fishers) privately owned
Organisations: Mustique Indigenous Peoples Association

MAYREAU
Population estimates: 250-280 (45 households)
Infrastructure: 2 jetties in Saline Bay, 1 jetty in Salt Whistle Bay, no fish market, no gas, 5 restaurants, 1 hotel & 1 guesthouse
Marine Resource Users: fishers, 1 water-taxi, cruiseships during season in Saline Bay & TCMP, yacht anchorages (Salt Whistle Bay & Saline Bay)
Occupations: Fishing, Shops (t-shirts), Hotel, Restaurants
Environmental Problems: dump used to be in salt pond, sewage from yachts, cruiseship pollution (oil slicks)
Conflicts: All cruise ship business to Bougenvilla in Union due to accessibility of insurance (fishers/water-taxis can’t access insurance required)
Fishers: Saline Bay - majority of men are fishers (at least 1 per household), 15 speed boats
Types of Fishing: Coastal pelagics (2 seine nets), Baitfish (cast nets), Lobster (tank/trap), Reef fish (spears/pelang/pots), turtles (trammel net), Pelagics (some trolling en-route)
Organisations: MEDO, Regatta Committee

UNION
Population estimates: 2,500-3,000
Infrastructure: Fish market, ice machine (not currently in operation), 2 compressors, coast guard base (no boat), haul-out ramp for speedboats, yachting dock (electricity, water, trash), dingy dock, ferry-shipping dock
Marine Resource Users: fishers, water-taxis, yachts, dive shop, day charters (# of Boats: 1-Scaramooch, 3-Yannis, 1-Captain Bagga, 1-BigSand, 2-Bougainville), Ferries (Barracuda, MV Rita, Gemstar), Shipping (Venezuela & Trinidad for fuel/goods), TCMP
Occupations: Fishing, Tourism (water-taxis), Construction
Environmental Problems: sewage from yachts, greywater from waterfront businesses in Clifton, garbage by locals, bilge water from ferries/ships
Conflicts: French Yachters (violation of fishing regulations)
Fishers: Clifton & Ashton (100 fishers) no woman- Major market is Martinique Trading Vessels (fetch up to $2 EC more a pound than on Union as well as a sure market/sale of fish)
Types of Fishing: Coastal pelagics (seine nets), baitfish (cast nets), conch (tank), lobster (tank), reef fish (spear-fishing & pots-but dying out), Bottom fish (groupers, red snappers, hinds) line – most common, Pelagics (trolling) November-March
Organisations: Water-taxi Association, Environmental Attackers, 4H Club

PALM
Population estimates: 120 employees (majority from Union), 4 persons permanently, 37 bungalows (74 guests maximum)
Infrastructure: 2 jetties (one for hotel, one for ferry), desalination plant
Marine Resource Users: 2 Ferries (1 for guests, 1 for workers), 2 speedboats, 1 sailboat (Pink Lady), 1 fishing boat, use Dive Grenadines, Scaramooch, Captain Yannis for guests
Occupations: Hotel
Environmental Problems: lack of enforcement & number of boats in Tobago Cays, overfishing, turtle fishing, sewage from yachts
Fishers: None based in Palm

PETITE ST VINCENT
Population estimates: 80 staff mainly Vincentian (3 from PM & Carriacou), 44 guests maximum
Infrastructure: 2 jetties (Dock House for guests & Dingy Dock for yachts & fishers)
Marine Resource Users: 3 Inboard Ferry Boats, 2 speedboats, 2 small powerboats
Occupations: Hotel & Fishing
Environmental Problems: sewage from yachts
Conflicts: French Yachters (violation of fishing regulations)
Fishers: 3 currently (all from Bequia) but many leave during the closed season for lobster; PSV resort buys some fish but majority gets sold to Martinique fishing vessels or in PM

**Types of Fishing:** lobster, snapper, bonito, barracuda

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**PETITE MARTINIQUE**

**Population estimates:** 1,000

**Infrastructure:** 3 guesthouse, 2 jetties, 2 compressors, gas on land, ice (private), 1 gas station

**Marine Resource Users:** fishers, yachters, ferry, 7 Martinique Trading Vessels, Shipping

**Occupations:** Fishing, ~10 men boat builders (but little demand), civil service, self-employed, power station

**Environmental Problems:**

**Conflicts:** none

**Fishers:** ¾ of all men are fishers, an active fish co-operative (18 members) and private market with freezers, 16 speedboats (avg. 85 hp) and 14 ice boats

**Types of Fishing:** lobster (tank/trap), conch (tank), redfish (line), baitfish (cast nets), pelagics (trolling)

**Organisations:** Fishing Co-op, Women’s Group, Youth Group, Regatta Group

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**CARRIACOU**

**Population estimates:** 5,000-7,000

**Infrastructure:** 1 Jetty in Hillsborough, 1 gas station (on land), Haul-out facility & 3 Jetties in Tyrell Bay, Fish market w/freezer (new one being constructed), desalination plant, immigration/customs, 6 compressors on island

**Marine Resource Users:** Fishers, Yachting (Harvey vale/Tyrell Bay main anchorage), 1 Martinique boat (Windward), 3 dive shops (all foreign owned), CruiseShips: 3 Windjammer Boats, Day Charters: Snagg Tours, 2 Sportfishing charters & 2 Sailing cruises, Ferries: Jasper, 2-Osprey (1 Ferry to Grenada & 1 Schoolboat to PM) & Emelia I (mail, shipping & ferry to Grenada), Shipping: (fuel) Venezuela & Trinidad, (goods) St Martin & Grenada (Laser, Adel Aide, Cinderella II, Winifred), Peter Hughes LiveAboard Dive Hotel (1st Season)

**Occupations:** Construction, Fishing, Water-taxi, Self-employed

**Environmental Problems:** New Marina in Harvey vale/Oyster bed area, Martinique trading vessels purchasing juvenile fish, turtle fishing out of season, land erosion & sedimentation, sewage from yachts, no soak-aways for coastal developments (pipe to sea), garbage

**Conflicts:** French Yachters (breaking fisheries laws, anchoring on reefs, not clearing customs), foreigners spear-fishing in Grenadian waters, fishers & diver conflicts within the newly established Sandy Island MPA, Live-aboard diving ship in area, customs clearance procedures (not in Tyrell Bay)

**Fishers:** Landing Sites: Le’Esterre, Paradise, Hillsborough, Harvey vale, Windward: 1 jetty (1 Martinique Trading Vessel), Belmont (~10 boats), Bogle & Mt. Pleasant

**Types of Fishing:** Baitfish (cast nets), coastal pelagics (seine nets), reef fish (spare & line), bottom fish (line), lobster (tank/some traps), conch (tank) from Grenada, wilks & seamoss (household use), turtles (trammel nets and egg poaching)

**Organisations:** KIDO, CEC, Regatta Committee

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**GRENADA**

**Infrastructure:** Cruise Ship Terminal, Careenage, Lagoon, Melville Fish Market, 1 Coast Guard base in True Blue Marina (4 Boats, 26 staff)

**Marine Resource Users:** Fishers, Horizon Yacht Charters & Moorings Drop Off Base, Osprey (ferry & shipping to Carriacou & PM), Other Shipping: Amelia I, Laser, Adel Aide, Cinderella II, Winifred

**Environmental Problems:** Sewage from yachts, anchoring, use of anti-fouling pants
Conflicts: Spear fishing by non-Grenadians, garbage, French Yachters (violation of fishing regulations)  
Fishers: Main villages using the Grenadines: (in North) Seuters, Dequense  
Types of Fishing: Primarily long line vessels fishing off of the Grenada Bank  
Organisations: Ocean Spirits, Caribbean Yachting Association, Grenada SCUBA Association

KEY MARINE RESOURCE AREAS

All marine resource user key informants were asked to initially identify (either by name or location using a map) key marine resource areas. The types of areas identified included: mangroves, seagrass, coral reefs, anchorages, nursery areas, spawning areas, fishing banks, turtle nesting beaches and recreational/cultural (or local use) areas. Information collected will be used as a baseline for the future mapping exercises. The ‘other marine resource user’ key informants were able to best identify with simple coastline maps of their respective island. These maps were based on the traditional ‘tourist’ maps which are widely distributed in the Grenadines. These maps had major villages listed on them which made locational identification easier. In part, local names were collected for certain beaches, bays and fishing areas. During the next phase of the project a comprehensive list of local names will be collected and local maps will be produced for easier and more accurate spatial identification. Fishers for the most part did not relate to these types of maps or maps showing bathymetry and geomorphology of the reefs. For the most part fishers seem to use triangulation methods for identification of fishing areas rather than traditional maps. This issue will need to be further explored before comprehensive spatial data can be collected for fishers. It has been suggested that focus group discussions using aerial photographs and/or nautical charts have worked successfully in other areas and therefore these types of mapping method will be investigated further this summer.

KEY ISSUES IDENTIFIED

The data scoping trip provided good insight on the variety of users and patterns of marine resource use on the Grenada bank. Marine resources and their variety of uses comprise the core of each and every island of the Grenadines’ economy. There are a variety of and overlapping types of marine resource users but fishing and tourism-based activities seem to compromise the majority. It is also interesting to note the strong Martinique/French influence within the Grenadines and the impacts evident in both the fishing and tourism industries. Estimates on the order of 75% of all chartered yachts are French as well as a large majority of the fish from the Grenada bank are exported to Martinique. Furthermore, the vast majority of conflicts (whether from illegal fishing activities of the yachts or the constant and extensive demand for reef fishes including juveniles) identified in the data scoping exercise were based around the French market.

Generally, within the communities of the Grenadines there tends to be a feeling of frustration stemming from poorly planned development initiatives which have resulted in current and past environmental and livelihood issues. Therefore on this basis, marine resource users which were interviewed generally support and understand the importance of creating the Grenadines MarSIS for environmental and sustainable livelihood protection in the Grenadines. General concerns with the MarSIS project were centred on how the local knowledge and mapping of resources will be used, for what and by whom in the future. Therefore, future activities will be focused on highlighting to the Grenadine communities and marine resource users the importance of their active participation in compiling accurate and useful information for the MarSIS. This together with the organisation of functioning groups/associations within the Grenadines can enable marine resource users to actively participate in government planning initiatives. Further investigations into spatial collection methods
will need to be extensively explored, especially in the case of fishers to order to allow them to accurately identify and map important fishing areas.

**UPCOMING ACTIVITIES FOR THE GRENADINES MarSIS**

A review of the Grenadines MarSIS project goals, objectives and plans as well as initial results from the data scoping trip will be presented to the communities of the Grenadines. Additionally a comprehensive inventory of fishers will be conducted in each island in order to estimate the number, types and locations of all fishers of the Grenadines. As a foundation for determining resource use patterns (spatial distribution, intensity, activity profiles, and areas of overlap or conflict) on the Grenada bank, socioeconomic and livelihood analyses will be conducted from June – August 2006. Marine resource user surveys will be categorised into two main groups: Fishers & Other Marine Resource Users. These groups will be further sub-divided as listed in Table 1. Surveys will be based on the SOCMON Caribbean and the DFID Sustainable Livelihoods methodologies and assisted by two CERMES MSc research students. Spatial identification of local names of marine areas and resources will be collected and local maps will be produced and distributed this summer. Initial spatial data collection in the forms of focus groups and interviews will be conducted in August – September. Socio-economic and sustainable livelihood technical reports and corresponding spatial GIS datasets will be produced for surveys conducted this summer. Additionally in October 2006, socio-economic and livelihoods analyses will be presented to all stakeholders (government and communities) in order to gain validation and feedback. Focus group meetings will be held with fishers in order to finalise spatially fishing bank locations of the Grenada bank. By November 2006, completed maps, technical reports and spatial information datasets will be compiled and distributed.
### APPENDICES

**Appendix 1. List of Government Agency key informants identified during the May 2006 Data Scoping Trip.**

<table>
<thead>
<tr>
<th>Island</th>
<th>Organisation</th>
<th>Name</th>
<th>Position</th>
</tr>
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<tbody>
<tr>
<td>St. Vincent</td>
<td>Coast Guard</td>
<td>Hendrickson Goodluck</td>
<td>Chief Fisheries Officer</td>
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<td></td>
<td>Fisheries Division</td>
<td>Raymond Ryan</td>
<td>Chief Fisheries Officer</td>
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<td></td>
<td>Fisheries Division</td>
<td>Leslie Straker</td>
<td>Fisheries Officer</td>
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<td></td>
<td>Fisheries Division</td>
<td>Jennifer Cruickshank</td>
<td>Fisheries Officer</td>
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<tr>
<td></td>
<td>Fisheries Division</td>
<td>Sophia Punnett</td>
<td>Marine Biologist</td>
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<td></td>
<td>Fisheries Division</td>
<td>Cheryl Jardine-Jackson</td>
<td>Senior Fisheries Assistant</td>
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<tr>
<td></td>
<td>Forestry Department</td>
<td>Brian Johnson</td>
<td>Director</td>
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<td></td>
<td>Forestry Department</td>
<td>Sammuel Harry</td>
<td>Forest Mapping &amp; Inventory</td>
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<td></td>
<td>Forestry Department</td>
<td>Adrian Bailey</td>
<td>GIS Mapping and Inventory</td>
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<td></td>
<td>Forestry Department</td>
<td>Corenlius Lyttle</td>
<td>Technical Officer</td>
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<td></td>
<td>Forestry Department - Integrated</td>
<td>Mr. Providence</td>
<td>Manager</td>
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<tr>
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<td>Forestry Department - Integrated</td>
<td>Hayden Billings</td>
<td>Technical Officer</td>
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<td>Ministry of Health &amp; Envt-Envt Services Unit</td>
<td>Edmund Jackson</td>
<td>Environmental Services Coordinator</td>
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<td>Ministry of National Security-Maritime Administration</td>
<td>David Robin</td>
<td>Director</td>
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<td>Ministry of Tourism</td>
<td>Falyene Shrub</td>
<td>Marine Based Tourism</td>
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<td>Physical Planning Unit</td>
<td>Colin Campbell</td>
<td>Physical Planner</td>
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<td>Statistics Department</td>
<td>Ms. Roberts</td>
<td>Head Statistician</td>
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<td>SVG Port Authority</td>
<td>Roland Daize</td>
<td>MIS Manager</td>
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<td>Grenada</td>
<td>Board of Tourism</td>
<td>Danny Donelan</td>
<td>Yachting &amp; Cruise Development</td>
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<td>Coast Guard</td>
<td>John Thomas</td>
<td>Sergeant</td>
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<td></td>
<td>Fisheries Division</td>
<td>Crafton Isaac</td>
<td>Assistant Fisheries Biologist</td>
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<td>Evlyn Alexander</td>
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<td>Anthony Jessamy</td>
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<td>Lazarus Joseph</td>
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<td>Ronald Haywood</td>
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<td>Ian Evans</td>
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<tr>
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<td>Physical Planning</td>
<td>Fabian Purcell</td>
<td>Senior Physical Planning Officer</td>
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### Appendix 2. List of Marine Resource User key informants identified during the May 2006 Data Scoping Trip.

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<tr>
<th>Island</th>
<th>Organisation</th>
<th>Name</th>
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<td>Laury Stowe</td>
<td>Dive Instructor</td>
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<td>Ron Williams</td>
<td>Dive Instructor</td>
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<td>HandyAndy DayTours</td>
<td>Andrew Mitchell</td>
<td>Entrepreneur / Day Tours / Fishing Tours</td>
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<td>Fisher</td>
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<tr>
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<td>Marley</td>
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<td>Lezlian James</td>
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<tr>
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<td>Flamingo &amp; Turtle Point Villas</td>
<td>Winston ‘African’ Simmons</td>
<td>Manager/Watertaxi/Tours</td>
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<td></td>
<td>Sailwinds Cruising Club</td>
<td>Kurt Cordice</td>
<td>Marine Biologist (former TCMP manager)</td>
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<td>Caribbean Compass</td>
<td>Sally Erdle</td>
<td>Yachting Publisher</td>
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<td>The Mooring Sailing Charters</td>
<td>Debbie Cundy</td>
<td>Base Manager</td>
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<tr>
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<td>Canouan Bay Ferry</td>
<td>Albert Olivier</td>
<td>Captain/Community Leader</td>
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<td>Andy Lander</td>
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<td>Fish Market Manager/Vendor</td>
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<td>Cherry Hill (R&amp;C Bar)</td>
<td>Peter Snagg</td>
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<tr>
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<td>BioChemist</td>
<td>Geetha</td>
<td>Lecturer UWI</td>
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<td>Martin Barriteau</td>
<td>Mangrove Manager and MPA manager</td>
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<td>Virginia Fleary-Noel</td>
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