

11 APR 1994

(Country)

NATIONAL SUMMARY REPORT

IDNDR

Contact: Ms. Jennifer Worrell **Phone:** (809) 494-3701 Ext. 5013/4/5
Office of Disaster Preparedness
Road Town **Fax:** (809)494-5016/(809) 494-4435
Tortola
British Virgin Islands **Telex:**

SECTION A: PROFILE

(This section contains relevant basic information about your country.
Please complete and check the information already included.)

1. Composition of National Committee (Focal Point):

(Please list the names of the institutions represented and indicate in the brackets the number of members for each group)

Ministries

- Natural Resources & Labour
- Communications & Works
- Health, Education & Welfare []
 Chief Minister's Office
 Governor's Office

Academic & Research Institutions

- Department of Education
- BVI Community College []

Private Sector

- Cable & Wireless Ltd. []
 BVI Electricity Corp.

Public Services (e.g. meteorological, etc)

- Water & Sewerage
- Ports Authority []
 Civil Aviation
 Environment/Conservation
 Town & Country Planning
 Public Works
 Fire and Rescue, Police
 Immigration, Customs

Non-Governmental Organizations

- VISAR
- BVI Red Cross
- Rotary []
 Lions
 Boy Scouts/Girl Guides

Media

- ZBVI Ltd. []
- ZROD []
 BVI Beacon

Insurance

- Insurance Companies []

Others

- Hotel & Commerce Asso.
- Tourist Board []
 Dept. of Agriculture
 Dept. of Information & Public Relations
 Social Development

2. Internal organization of the National Committee

(Please describe hierarchy, responsibilities, coordination and cooperation mechanisms in natural disaster reduction activities.)

The National Emergency Advisory Council (NEAC) is the policy making body for Disaster Management in the BVI. It is chaired by the Deputy Governor whose portfolio includes responsibility for the Office of Disaster Preparedness which designs and implements disaster reduction programmes for the BVI. The ODP works in collaboration with relevant agencies of Government to do joint training and projects. The NEAC is ultimately responsible for all IDNDR matters which is channeled through the ODP and is headed by the National Disaster Coordinator.

3. Prevailing hazards

Type	Location	Affected Population
HURRICANES EARTHQUAKES TSUNAMIS	Regional/National	Whole Population
LANDSLIDES FLOODING	Hill Slopes low lying reclaimed areas	10-15% 40%

(Please attach additional information if necessary)

4. Recent natural disasters

Type	Location	Affected Population	Losses
HURRICANE HUGO	Affected all islands of the BVI	Entire	80m

5. National socio-economic conditions

- Population: 17,500
- Gross-National Product (GNP):
- Per-Capita Income:

6. Availability of assistance to other countries in the field of natural disaster reduction.

(Please list potential resources, scientific expertise, technology, etc.)

- (1) Programme Planning for Small Island States.

7. International assistance required for natural disaster reduction

(Please indicate requirements for scientific expertise, technology, resources etc.)

Assistance is needed in the following areas:-

- (1) Hazard and Risk Assessments and susceptibility mapping
- (2) Vulnerability Analysis
- (3) Retrofitting Projects (funding)
eg. retrofitting of infrastructure, life line facilities and emergency shelters.
- (4) Seismic Research - Earthquake Monitoring Stations
- (5) Structural Geology Research
- (6) Warning Systems - Regional eg. Tsunami
- (7) Earthquake Monitoring
- (8) Funding and Technical Expertise for production of specialized Public Information Products. eg. production of childrens awareness booklet, Awareness Video, etc., Funding for Disaster News.

SECTION B: STRATEGIES AND ACTIVITIES

(This section deals with current or planned strategies and activities.)

1. Steps towards achieving the 3 main Decade targets

- (a) Comprehensive national assessments of risks from natural hazards, with these assessments taken into account in development plans;

A project proposal for a comprehensive risk assessment have been prepared and submitted to the ODA for funding. Data collection for this has already began (compilation of a georeferenced hazard catalogue. A BVI Hazards document was produced for the Town and Country Planning Unit to feed into the 10-15 year Spatial Development Plan that is presently being produced. The Office also commented on some projects before approval is given. This is not formalised and attempts are being made to formally include the ODP into the existing decision making process.

- (b) Mitigation plans at national and/or local levels, involving long-term prevention and preparedness and community awareness; and

Plans for developing a National Mitigation Plan is included in the 1994 Work Programme of the ODP. Many aspects of mitigation is already occurring, some of which was initiated by the ODP itself. The ODP has already catalogued existing mitigation efforts and is working with agencies to identify existing gaps so that a proper Loss Reduction Programme can be developed.

A Community Awareness Programme is in progress and some assistance was received from PAHO in this area.

- (c) Ready access to global, regional, national and local warning systems and broad dissemination of warnings.

HURRICANES - We presently have access to warning systems for:-

- (1) International - (National Hurricane Centre)
- (2) Regional - (Antigua Met Centre and San Juan Weather Service)
- (3) Local - subscribe to Wilkins Weather Station - Need local Met Office.

SEISMIC - When incidents occur, we get information about them from the Seismic Research Unit and Seismic Network

A seismic monitoring station needs to be placed in the BVI so that more accurate information can be obtained. In addition, there needs to be some research on the Kick em Jenny Volcano off Grenada and some Tsunami warning system for the Countries at risk.

2. Present national plan for natural disaster reduction

a) Time span covered:

A National Plan only exists as a Preparedness and Response Plan, Mitigation and Recovery Plan to be developed in 1994. The office operates on a yearly Work Programme or Yearly Plan which involves some re-occurring projects. We have plans to develop a 5-year plan.

b) Agencies, institutions and organizations involved:

Most agencies of Government and some private.

eg. ODP, all Ministries, Town Planning, Development Planning, Cable and Wireless, Electricity Corporation, Health, Police and Fire, Ports Authority

c) Implementing agencies:

ODP principal implementing agencies and other agencies of Government

d) Funds available for implementation:

Approximately \$100,000

3. Legislation introduced and enacted in relation to natural disaster reduction

Emergency Powers Act or Disaster Act. ODP is presently working on Legislation Review.

4. Disaster mitigation activities completed or underway:

a) *Identification of hazard zones: hazard assessment*

Title of project: BVI Hazard and Risk Assessment

Status: Seeking Funding - Compilation of a hazard catalogue has begun.

Participating institutions in the country and/or on the international level:

Town Planning, Office of Disaster Preparedness

Costs of project:

\$203,500

Sources of funding:

Seeking funding from the ODA as well as seeking some local funding.

Implementing agencies:

Office of Disaster Preparedness and the Caribbean Disaster Emergency Response Agency

Address (telephone and fax-number) of the agency in charge:

OFFICE OF DISASTER PREPAREDNESS
Government of the BVI
Road town, tortola, British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/
(809) 494-5016

b) Monitoring, prediction and warning

Title of project:

Due to the lack of a meteorological office in the BVI EOC Weather - The ODP subscribes to Wilkins Weather Service to provide on-line weather information for the Territory and the Region during the Hurricane Season. Other arrangements exist regionally with - Antigua Met Station, Puerto Rico Weather Service and National Hurricane Centre
Status:

Ongoing for Earthquake Monitoring - the principal Agency is the Seismic Research Unit (UWI) and the Seismic Network of the University of Puerto Rico. Both institutions provide information to the ODP when an earthquake is felt. There are no monitoring instruments in the BVI.

Participating institutions in the country and/or on the international level:

ODP, Wilkins Weather Service - local arrangement (to provide daily weather updates as well as increased up

Costs of project:

\$2,000 per annum (Wilkins charges)

Sources of funding:

ODP/BVI Government

Implementing agencies:

ODP

Address (telephone and fax-number) of the agency in charge:

c) Short-term Protective measures and preparedness

Title of project: Mitigative Building Techniques Seminars

- (a) For Architects, Engineers, Insurance Companies and Bankers
- (b) Building Contractors

Status:

- (a) Completed
- (b) To be completed in 1994

Participating institutions in the country and/or on the international level:

ODP, Town and Country Planning, Public Works Department, Architects and Engineers Association, University of the West Indies Engineering Department and Seismic Research Institute.

Costs of project:

\$8,000

Sources of funding:

ODP (BVI Government)

Implementing agencies:

ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

c) *Short-term Protective measures and preparedness*

Title of project: GIS for Disaster Management

Status: Implemented

Participating institutions in the country and/or on the international level:

Town Planning and ODP - The ODP is the first satellite of a larger GIS implemented by the Town Planning Department.

Costs of project: \$3,000

Sources of funding: ODP/BVI Government

Implementing agencies: ODP/Town Planning

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/
(809) 494-5016

Town and Country Planning Department
British Virgin Islands Government
P.O. Box 834
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3444
Fax: (809) 494-5794

c) *Short-term Protective measures and preparedness*

Title of project: Mitigation Guideline for Local Developers

This would entail the production of a booklet to address the local hazard issues to be considered and mitigation guidelines to be followed when undertaking construction projects.

Status:

Project Preparation Stage

Participating institutions in the country and/or on the international level:

Town and Country Planning, ODP, Architects and Engineers Association, University of the West Indies.

Costs of project:

\$15,000

Sources of funding:

To be Identified

Implementing agencies:

ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

c) **Short-term Protective measures and preparedness**

Title of project: Search and Rescue

To developing Search and Rescue capability in the BVI

Status: Two parts of the 4-part programme have been completed ie. Vehicle Extrication and High Angle Rescue. In 1994, the remaining parts ie. Extrication from collapsed buildings and First Responder Course will be implemented.

Participating institutions in the country and/or on the international level:

ODP, BVI Fire and Rescue Service, Royal Virgin Islands Police Force, United States Virgin Islands Territorial Emergency Management Agency (VITEMA)

Cost of project: \$16,000 (training only)

Sources of funding: ODP (BVI Government)

ODA - provided a Rescue Tender for the BVI Fire and Rescue Service.

Implementing agencies:

ODP/VITEMA

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Virgin Islands Territorial Emergency Management
Agency (VITEMA)
131 Estate Welcome, Gallows Bay
St. Croix 00820

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/(809) 494-5016

Tel: (809) 773-2244
Fax: (809) 773-8980

c) **Short-term Protective measures and preparedness**

Title of project: Hazardous Material

Developing a HAZMAT capability in the Territory

Status: Presently being implemented

Participating institutions in the country and/or on the international level:

ODP, BVI Fire and Rescue and BVI Ports Authority
United States Virgin Islands Territorial Emergency Management Agency

Cost of project: \$10,000

Sources of funding: ODP/BVI Government

Technical assistance from VITEMA (Virgin Islands Territorial Emergency Management Agency) in the USVI.

Implementing agencies: ODP/VITEMA

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/(809) 494-5016

Virgin Islands Territorial Emergency Management
Agency (VITEMA)
131 Estate Welcome, Gallows Bay
St. Croix 00820

Tel: (809) 773-2244
Fax: (809) 773-8980

c) **Short-term Protective measures and preparedness**

Title of project: Mass Casualty Management (Regional Project)

Status: BVI is participating as an observe country - Project began in 1993

Participating institutions in the country and/or on the international level:

PAHO, FRENCH Corporation, Organization of Eastern Caribbean States (OECS)

Cost of project: Not known, but BVI's participation needs funding

Sources of funding: funding needed for BVI's participation. Regional study for OECS Corporation provided by PAHO/FRENCH Corporation.

Implementing agencies:

ODP/OECS Disaster Management Project

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

OECS Disaster Management Project
Red Cross Building
Vigie
Saint Lucia

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/5016

Tel: (809) 45-32152
Fax: (809) 45-31151

c) **Short-term Protective measures and preparedness**

Title of project: SUMA (Supplies Management Project)
Two nationals received training at regional workshops.

Status: Local training workshop scheduled for 1994

Participating institutions in the country and/or on the international level:

All countries of the Caribbean Disaster Emergency Response Agency (CDERA) and PAHO.

Cost of project: Not Known

Sources of funding: PAHO

Implementing agencies: PAHO - regional level
ODP - local level

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701

Ext: 5013/4/5/93

Fax: (809) 494-5016/4435

Pan American Health Organization (PAHO)
Regional Office of the World Health Organization
Office of Caribbean Program Coordinator
P.O. Box 608
Bridgetown, Barbados

Tel: (809) 436-6448

Fax: (809) 436-6447/9779

c) **Short-term Protective measures and preparedness**

Title of project: Emergency Supplies Project
Stocking of basic emergency supplies for shelters

Status: 2 years old - the ODP began purchasing Emergency Supplies for the BVI.

Participating institutions in the country and/or on the international level:
ODP

Cost of project: So far a total of \$40,000 have been spent and an equal amount is needed for completion.

Sources of funding: ODP (BVI Government)
Funding requested from the Overseas Development Agency for project completion
(Not yet received)

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: BVI Youth Volunteer Corp.

Status: Presently being formed

Participating institutions in the country and/or on the international level:
ODP and Boys Brigade, Girl Guide, Boys Scouts, Red Cross, Church Youth Groups, etc.

Cost of project: \$10,000 (for Training and ID year)

Sources of funding: Not yet identified

Implementing agencies: ODP

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Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

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Fax: (809) 4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: Damage Assessment

Status: Began implementation in 1993 will be completed in 1994.

Participating institutions in the country and/or on the international level:

CDERA, ODP, All sectors in the BVI public sector and some private sector agencies.

Cost of project: \$5,000

Sources of funding: Not yet identified

Implementing agencies: ODP/CDERA

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British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 4435/5016

Caribbean Disaster Emergency Response Agency
(CDERA)
The Garrison, St. Michael
Barbados

Tel: (809) 436-9651
Ext: (809) 437-7649

c) **Short-term Protective measures and preparedness**

Title of project: Oil Spill Response Team

Status: To begin implementation in 1993

Participating institutions in the country and/or on the international level:

ODP, PWD, Conservation and Fisheries, Virgin Islands Marine Search and Rescue Squad (VISAR), Ports Authority, Marine Branch of Police Force, Local Oil Companies

Cost of project: \$25,000

Sources of funding: Not yet identified

Implementing agencies:

ODP Marine Unit of Ministry of Communications and Works

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/5016

Ministry of Communications and Works
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 2183/2108/2112
Fax: (809) 494-3873

c) **Short-term Protective measures and preparedness**

Title of project: Radio Room Personnel Training

Status: Ongoing

Participating institutions in the country and/or on the international level:
BVI Radio League, Fire and Rescue, Police, BVI Amateur Radio Association, ODP Staff

Cost of project: \$500.00 (Training Material Only)
Training is done by ODP Staff

Sources of funding: ODP

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: 1994 Simulation Exercises

Status: To be done in 1994

Participating institutions in the country and/or on the international level:
ODP Civil Aviation, Fire and Rescue, EOC Emergency Staff from all Government Departments, EOC Radio Operators

Cost of project: \$20,000

Sources of funding: \$5,000 will be put by the ODP. Majority of funding still to be identified.

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701

Ext: 5013/4/5

Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: Upgrading Emergency Telecoms. Capability

Status: Implementation began about 2 years ago.

Participating institutions in the country and/or on the international level:
ODP, Cable and Wireless Ltd., BVI Electricity Corporation, CDERA, National
Emergency Telecoms. Committee

Cost of project: \$50,00 - Equipment only
Local Government have provided approximately \$30,000 since beginning of
funding.

Sources of funding: BVI Government - An additional 20,000 is needed

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

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Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: Contingency Planning

Revision of National Disaster Plan, Preparation of SOP for EOC, Preparation of National Telecoms. Plan, Disaster Recovery Coordinator and Recovery Plan, Aviation Incidental Plan, Hospital Disaster Plan, Government Departments Plan, Mass Casualty Management Plan, Community Preparedness and Response Plan, Oil Spill Plan.

Status: Some drafts completed

Participating institutions in the country and/or on the international level:
ODP, Government Departments, CDERA, PAHO, Cable and Wireless

Cost of project: ODP component only \$6,000

Sources of funding: BVI Government, CIDA, PAHO

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701

Ext: 5013/4/5

Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: Developing Community Emergency Preparedness and Response

Status: Ongoing

In the process of preparing plans for all communities to be followed by Simulation Exercises.

Participating institutions in the country and/or on the international level:
All communities of the BVI, PAHO

Cost of project: \$15,000

Part funded by PAHO - Community Preparedness Workshop - (plan development)

Sources of funding: BVI Government/PAHO

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701

Ext: 5013/4/5

Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: BVI Shelter Manual

Status: Near Completion

Participating institutions in the country and/or on the international level:
ODP, BVI Emergency Shelter Committee, Regional Consultant

Cost of project: \$3,000

Sources of funding: ODP - BVI Government

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701

Ext: 5013/4/5

Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: Shelter Marking and Shelter Location Map

Status: Completed

Participating institutions in the country and/or on the international level:
ODP

Cost of project: \$3,000

Sources of funding: ODP

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701

Ext: 5013/4/5

Fax: (809) 494-4435/5016

c) **Short-term Protective measures and preparedness**

Title of project: Shelter Management Training

Status: completed training 25 persons shelter managers
needs to train 75 more to meet target of 100.

Participating institutions in the country and/or on the international level:
ODP, Emergency Shelter Management Committee

Cost of project: \$5,000 - ODP Training

Sources of funding: ODP/CDERA

Implementing agencies: ODP

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5
Fax: (809) 494-4435/5016

Caribbean Disaster Emergency Response
Agency (CDERA)
The Garrison, St. Michael
Barbados

Tel: (809) 436-9651
Fax: (809) 437-7649

c) **Short-term Protective measures and preparedness**

Title of project: Shelter Assessment Project

Status: Almost completed

Participating institutions in the country and/or on the international level:
ODP, Public Works Department, BVI Emergency Shelter Committee

Cost of project: \$15,000

Sources of funding: BVI Government

Implementing agencies: ODP/PWD

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Public Works Department
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5
Fax: (809) 494-4435/5016

Tel: (809) 494-2714/5
Fax: (809) 495-5740

c) **Short-term Protective measures and preparedness**

Title of project: ODP Information System

Status: Implemented

Participating institutions in the country and/or on the international level:
ODP/Telephone Services Unit

Cost of project: \$3,000

Sources of funding: ODP

Implementing agencies: ODP - Telephone Services Unit

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5
Fax: (809) 494-4435/5016

Telephone Services Unit
British Virgin Islands Government
c/o Deputy Governor's Office
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3710
Ext: 2300
Fax: (809) 494-4435

d) **Long-term preventive measures**

Title of project: National Mitigation Programme including Mitigation Plan, Policy, Catalogue of existing capabilities, gaps and Loss Reduction Programme.

Status: Catalogue of existing capabilities and ongoing mitigation actions have already begun.

Participating institutions in the country and/or on the international level: Town Planning, Economic Development Planning, Public Works Department, Conservation Department, Most agencies of Government

Costs of project: Several projects will accumulate from this programme. Projects will be costed individually.

Sources of funding: BVI Government and External agencies not yet identified

Implementing agencies: ODP, Town Planning, Economic Development Planning, Ministry of Communications and Works

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/5016

d) **Long-term preventive measures**

Title of project: Peebles Hospital Shuttering

Status: Completed

Participating institutions in the country and/or on the international level:
Peebles Hospital/Public Works Department

Costs of project: \$85,000

Sources of funding: BVI Government

Implementing agencies: Peebles Hospital

Address (telephone and fax-number) of the agency in charge:

Peebles Hospital
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3497

Fax: (809) 494-3833

d) **Long-term preventive measures**

Title of project: Cable and Wireless Post Hugo Recovery and Reconstruction Entailed strengthening of the company's telecommunications facilities and infrastructure to withstand high intensity hurricanes, some facilities are built to withstand 200 mile winds.

Status: Almost completed

Participating institutions in the country and/or on the international level:
Cable and Wireless Ltd.

Costs of project: Not known

Sources of funding: Cable and Wireless (WI) Ltd. (BVI)

Implementing agencies: Cable and Wireless (WI) Ltd. (BVI)

Address (telephone and fax-number) of the agency in charge:

Cable and Wireless (WI) Ltd.
P.O. Box 440
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-4444
Fax: (809) 494-2506

d) **Long-term preventive measures**

Title of project: BVI Building Codes

Project looks at the OECS Draft Building Code with a view to implementing a version of it in the BVI.

Status: Reviewed by the Architects and Engineers Association presently under review by Public Works Department

Participating institutions in the country and/or on the international level: Architects and Engineers Association, OECS, Public Works Department, Ministry of Communication and Works, UNCHS, UNDP.

Costs of project:

Local cost - minimal

OECS Building Code cost - not known

Sources of funding: UNCHS, UNDP

Implementing agencies;

OECS - Regional Code

Local Code - Ministry of Communication and Works, PWD

Address (telephone and fax-number) of the agency in charge:

Ministry of Communications and Works
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701

Ext: 2183/2108/2112

Fax: (809) 494-3873

d) **Long-term preventive measures**

Title of project: Road Improvement and Maintenance Project

It involves elevation of certain parts of the road to reduce the flood hazard, drainage system and sea wall strengthening.

Status: Began implementation

Participating institutions in the country and/or on the international level:
Caribbean Development Bank (CDB), Public Works Department (PWD)

Costs of project: 8 million

Sources of funding: CDB, BVI Government

Implementing agencies: BVI Government

Address (telephone and fax-number) of the agency in charge:

Public Works Department
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-2715/4

Fax: (809) 495-5740

d) **Long-term preventive measures**

Title of project: Drakes Highway Sea Defence Project

Status: The sea rip-rap type wall has been constructed in some of the seven vulnerability sites identified i.e. areas where the road surface is less than 2 metres above and adjacent to the sea.

Participating institutions in the country and/or on the international level:
PWD, Caribbean Development Bank (CDB)

Costs of project: \$4 million

Sources of funding: CDB and BVI Government

Implementing agencies: Public Works Department

Address (telephone and fax-number) of the agency in charge:

Public Works Department
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-2715/4

Fax: (809) 495-5740

d) **Shelter Retrofit Project**

Title of project: Shelter Retrofit Project

Status: Began implementation in 1993

Participating institutions in the country and/or on the international level:
ODP, PWD, BVI Emergency Shelter Committee

Costs of Project: \$200,000

Sources of funding: BVI Government (ODP)

Implementing agencies: ODP, Public Works Department

Address (telephone and fax-number) of the agency in charge:

Public Works Department
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-2715
Fax: (809) 495-5740

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/5016

d) **Long-term preventive measures**

Title of project: EOC Renovations

Status: Began implementation in 1993

Participating institutions in the country and/or on the international level:
ODP/PWD

Costs of project: \$100,000

Sources of funding: Not yet identified

Implementing agencies: ODP/PWD

Address (telephone and fax-number) of the agency in charge:

Office of Disaster Preparedness
British Virgin Islands Government
Road Town, Tortola
British Virgin Islands

Tel: (809) 494-3701
Ext: 5013/4/5/93
Fax: (809) 494-4435/5016