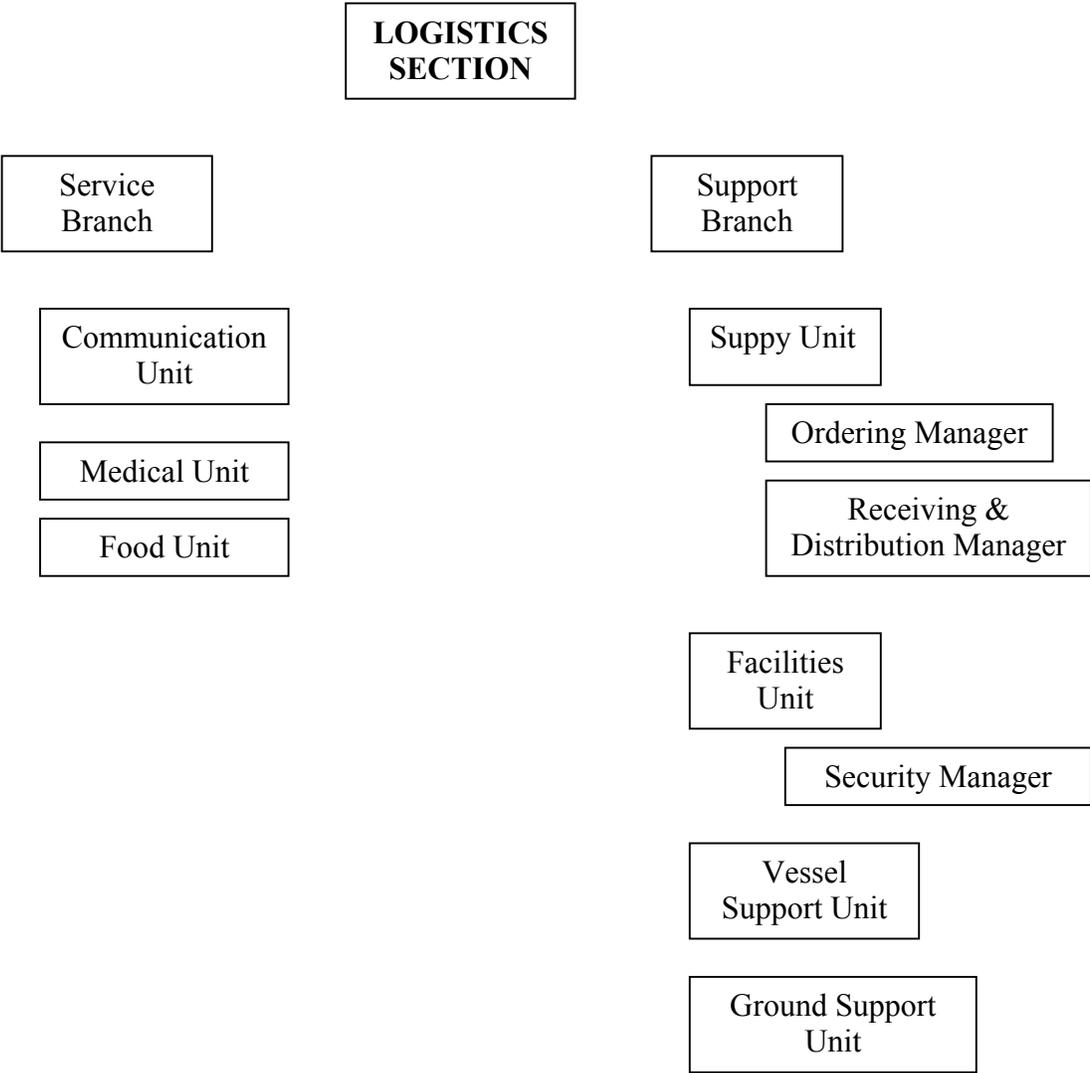


Mariana Islands Area Contingency Plan - Logistics

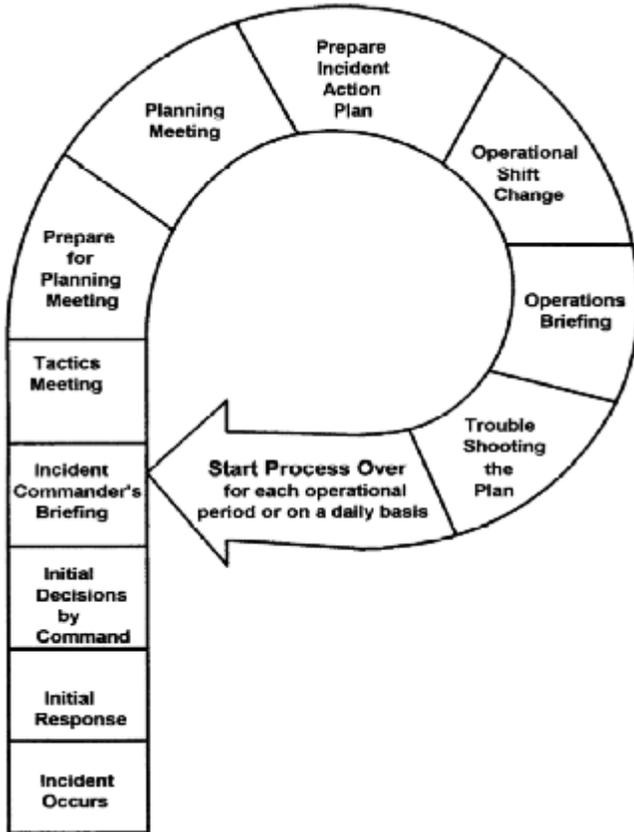
**Section: 5000 LOGISTICS**

**5100 LOGISTICS SECTION ORGANIZATION**

Units in the Logistic Section are responsible for providing services and support to meet all incident or event needs. This is accomplished under the direction of the Logistics Section Chief. A deputy Logistics Section Chief may be assigned. Logistics service and support to an incident or event are important functions. Early recognition of the need for a separate logistics function and section can reduce time and money spent on an incident. The Logistic Section is divided into two Branches, the Service Branch and Support Branch, and then the Branches can divide down further into Units.



5110 LOGISTICS SECTION PLANNING CYCLE GUIDE



5200 ROLES AND RESPONSIBILITIES

5210 LOGISTICS SECTION CHIEF

The Logistics Section Chief is responsible for providing facilities, services, and material in support of the incident. The Section Chief participates in development and implementation of the Incident Action Plan and supervises Branches and Units within the Logistics Section.

5210.1 COMMUNICATIONS UNIT LEADER

The Communications Unit Leader is responsible for developing plans for the effective use of incident communication equipment and facilities; installing and testing of communications equipment; supervision of the Incident Communications Center; distribution of communications equipment to incident personnel; and the maintenance and repair of communications equipment.

5210.2 INFORMATION RESOURCES MANAGEMENT  
TO BE DEVELOPED

U.S. Coast Guard (USCG) & U.S. National

Oceanographic and Atmospheric Administration (NOAA)

**5210.3      LEGAL**

**5210.4      SUPPORT BRANCH DIRECTOR**

The Support Branch Director is responsible for development and implementation of logistics plans in support of the Incident Action Plan, including providing personnel, equipment, facilities, and supplies to support incident operations. The Director prepares initial organization and assignments for support operations, determines resource needs, and maintains surveillance of assigned unit work progress.

**5210.5      PERSONNEL**

**5210.6      SUPPLY UNIT LEADER**

The Supply Unit Leader is primarily responsible for ordering personnel, equipment and supplies; receiving and storing all supplies for the incident; maintaining an inventory of supplies; and servicing non-expendable supplies and equipment.

**5210.7      FACILITIES UNIT LEADER**

The Facilities Unit Leader is primarily responsible for the layout and activation of incident facilities (e.g. Base, Camp(s) and Incident Command Post). The Facilities Unit provides sleeping and sanitation facilities for incident personnel and manages base and camp operations. Each facility (base or camp) is assigned a manager who reports to the Facilities Unit Leader and is responsible for managing the operation of the facility.

**5210.8      PROCUREMENT/CONTRACTING SUPERVISOR  
                 TO BE DEVELOPED**

**5210.9      TRANSPORTATION SUPERVISOR  
                 TO BE DEVELOPED**

**5210.10     Lodging Supervisor  
                 TO BE DEVELOPED**

**5210.11     Training Supervisor  
                 TO BE DEVELOPED**

**5210.12     Volunteer Coordinator Supervisor  
                 TO BE DEVELOPED  
                 Parks and Recreation**

**5210.13     Equipment Supervisor  
                 TO BE DEVELOPED**

**5211 SERVICE BRANCH**

**5211.1 COMMUNICATION UNIT**

The Communication Unit is responsible for developing the Communication Plan, distributing and maintaining all forms of communication equipment, and managing the Incident Communication Center.

**5211.2 MEDICAL UNIT**

The Medical Unit is responsible for developing the Medical Plan and providing first aid and light medical treatment for personnel assigned to the incident. This unit also develops the emergency medical transportation plan (ground and/or air) and prepares medical reports.

**5211.3 FOOD UNIT**

The Food Unit is responsible for determining and supplying the feeding and potable water requirements at all incident facilities, and for active resources within the Operations Section. The unit may prepare menus and food, provide them through catering services, or use some combination of both methods.

**5212 SUPPORT BRANCH**

**5212.1 SUPPLY UNIT**

The Supply Unit is responsible for ordering personnel, equipment and supplies. The unit stores and maintains supplies and services non-expendable equipment.

**5212.11 Ordering Manager**

The Ordering Manager is responsible for placing all orders for supplies and equipment for the incident.

**5212.12 Receiving and Distribution Manager**

The Receiving and Distribution Manager is responsible for receiving and distributing all supplies and equipment (other than primary resources) and the service and repair of tools and equipment.

**5212.2 FACILITIES UNIT**

The Facilities Unit is responsible for setting up and maintaining whatever facilities may be required in support of the incident. The Unit provides managers for the Incident bases and camps. This Unit is also responsible to provide security support for the facilities and incident as

required.

**5212.21 Security Manager**

The Security Manager is responsible to provide safeguards needed to protect personnel and property from loss or damage. The Manager establishes contacts with local law enforcement agencies as required, ensures support personnel are qualified to manage security problems, and develops a Security Plan for incident facilities.

**5212.3 VESSEL SUPPORT UNIT LEADER**

The Vessel Support Unit Leader is responsible for implementing the Vessel Routing Plan for the incident and coordinating transportation on the water and between shore resources. Since most vessels will be supported by their own infrastructure, the Vessel Support Unit may be requested to arrange fueling, maintenance and repair of vessels on a case by case basis.

**5212.4 GROUND SUPPORT UNIT**

The Ground Support Unit provides transportation and maintains and fuels vehicles assigned to the incident.

**5300 COMMUNICATIONS UNIT**

The Communications Unit is responsible for developing the Communications Plan, distributing and maintaining all forms of communications equipment, and managing the Incident Communication Center.

**5310 COMMUNICATIONS PLAN**

**5310.1 PURPOSE**

The purpose of the Communications Plan is to outline the communication systems to be employed as part of the oil spill response. The communications systems employed for oil spill response must support the varied needs of the Unified Command and other interested parties. The guiding principles in the design of this document include:

1. Non-interference with other disaster communications networks. It is recognized that an oil spill incident may occur secondary to a natural or man-made disaster.
2. The initial response and subsequent expansion of that response cannot be disrupted by a change of systems. Integration of the system must be maintained throughout the response.
3. Reliability, continuity and connectivity must be

achieved in a short time after the UCS itself is activated.

4. Flexibility is a central design concern, due to the number of possible incident sites and the tactical needs and capabilities of the involved parties.

In an oil spill response, communications requirements cluster in three major areas:

1. Hot zone communications for cleaning crews, equipment riggers, wildlife recovery teams and government observers.
2. Operational communications for crew movement, feeding, and housing; equipment routing and delivery; equipment repair and maintenance; and coordination of packaged hazardous waste disposal.

#### **5310.2 HOT ZONE COMMUNICATIONS**

Areas in which there is contamination present from a spill are collectively known as the Hot Zone. Work in this area involves the installation of protective equipment, removal of products, management of incidental hazardous waste, and collection of oiled wildlife for cleaning.

All communications in the Hot Zone shall be carried out using equipment that is "intrinsically safe" and meets the requirements of Section 500 of the National Electrical Code. All communications will be on a simplex VHF-FM frequency of 158.445 Mhz. All participants in oil spill response should be able to communicate on this frequency, in order to facilitate clean up efforts. This frequency is only for Hot Zone use.

It is intended that Hot Zone communications shall be conducted among work crews, supervisors, government monitoring personnel and the Field Command Post. Only those communications that require the involvement of Hot Zone workers shall be on the assigned frequency.

#### **5310.3 OPERATIONAL COMMUNICATIONS**

Operational Communications support activities such as crew deployment, establishment and service of field command posts, communications systems, surveillance, coordination, and deployment of materials from staging areas. Operational communications also includes on-the-water deployment of boom, and the transfer of oiled wildlife from the Hot Zone to the cleaning facility.

Operational communications will use a mix of communications systems, with some inter-operable elements.

Generally, operational communications should be established with and coordinated by the Field Command Post, using the equipment and systems of the Responsible Party and the OSRO. The Field Command Post will link Hot Zone and Operational communications.

Vessels operating as part of clean up operations shall guard VHF Marine Channel 06, 156.300 Mhz, vice Channel 16, 156.800 Mhz. The Captain of the Port shall ensure that mariners are warned that these operations are in progress and participants may not be guarding channel 16. This shift does not apply to vessels required to maintain a guard on channel 13, 156.650 Mhz under the Bridge to Bridge rules; in fact, it is encouraged that all vessels maintain an added guard on this frequency during oil spill operations.

Oiled wildlife operations will likely be conducted concurrently with other Hot Zone activities, until such time as wildlife is removed for transportation. En-route and support communications for these activities shall be moved to the Division of Aquatics and Wildlife Resources communications network.

Where no Responsible Party is identified, Operational Communications will be coordinated on VHF Marine Channel 05A. This channel may also be used for coordination among contractors and Responsible Parties.

Official communications with the U. S. Coast Guard Marianas Section shall be initiated on Channel 22A.

**5310.4 LOGISTICS AND ADMINISTRATION**

Communications support for these areas includes the establishment of links or networks for pre-staging of materials, off-site tracking of materials, facilitation of crew support, security management for pre-staging areas, and airport ground communications.

In general, the requirements for logistical communications are the responsibility of the RP. The RP shall ensure that the Field Command Post and UCS are provided with appropriate links to the logistical communications system. Due to the demand for radio spectrum, the use of land telephone lines and cellular telephone service is highly encouraged.

Where no RP is identified, the UCS may contract for the use of the communications facilities of a member of the Area Committee.

**5310.5 FREQUENCY LISTS**

<u>Organization</u>	<u>Use</u>	<u>Config.</u>	<u>Transmit</u>	<u>Receive</u>
---------------------	------------	----------------	-----------------	----------------

GRSL            Oil Spill            Common Simplex 158.445    158.445  
 Shell  
 Mobil  
 Peterra  
 Exxon  
 Aquatics and Wildlife        Half  
 Guam EPA  
 NAVY Environmental  
 COMNAVMARIANAS  
 Navy Port Operations

VHF Marine Channel Allocations

05A            Contractor coordination  
 06            Operation on water hailing channel  
 13            Bridge-to bridge/port operations  
 16            Hailing and distress  
 22A           Coast Guard Liaison

Frequency List for Oil Spill Response Coordination  
VHF Marine Frequencies

Simplex (U.S.) Operation

Channel	Frequency	Assigned Use
06	156.300	Hailing frequency for on-water spill response units
11	156.550	Responsible Party working frequency
13	156.650	Port Operations/Bridge to Bridge
14	156.700	Navy Port Operations
16	156.800	International distress, safety, calling. Hailing frequency for all mariners not engaged in the response.
18	156.900	Surface-to-air
22A	157.100	USCG-MARSEC liaison frequency
68	156.425	Guam Fire Rescue
81A		USCG-Working Frequency
83		USCG-Auxiliary

Note: Essential channels - 06, 11, 13, 16, 22A. Desirable channels - 14, 18, 68, 68. It is not necessary to have a full coverage radio. Only Coast Guard and Auxiliary Units have need for 81A and 83.

Oil Spill Common

158.445 GRSL manages this frequency

Radios for use on both Marine and Business channels must be certified by the manufacturer to comply with both parts 80 and 90 of 47 CFR.

**5310.6        COMMUNICATIONS EQUIPMENT AND RESOURCES**

**5310.61 Radios**

Major Communication Companies on Guam are:

IT&E

Telephone number: (671) 646-8886

Fax: (671) 646-4723

Motorola

Telephone number: (671) 632-9351

Fax: (671) 632-2148

PCI Communications, Inc

Telephone number (671) 477-2244

Fax: (671) 477-6054

Major Communication Companies in the CNMI are:

Commpac Communications

Telephone number (670) 234-7622

AAA Cellular - Saipan

Telephone number (670) 235-2080

**5310.62 Telephones**

The Guam Telephone Authority (GTA) provides local telephone service. Three companies, MCI, IT&E, and GST provide long distance service. GSA provides FTS service for Guam.

The Micronesian Telecommunications Corporation (MTC) provides local telephone service to Saipan, Tinian, and Rota. Three companies, IT&E, MTC, and PCI Communications provide long distance service to CNMI.

**5310.63 Telefax**

A variety of companies on Guam sell fax machines. Virtually all government agencies on island are equipped with them. The local telephone directories contain separate listings of fax numbers. Major companies on Guam are:

IT&E

Telephone number: (671) 649-4483

Fax: (671) 646-4723

Tick Tock

Telephone number: (671) 646-8507/1991

Fax: (671) 646-5339

Xerox Corporation

Telephone number: (671) 477-9456

Fax: (671) 472-2192

Major companies in the CNMI where fax machines are

available for purchase:

Island Business Systems & Supply Corp.  
Telephone number: (670) 234-8002

Xerox Corporation  
Telephone number: (670) 233-5195

#### **5310.64 Portable Telephones**

A variety of companies on Guam sell cellular phones. There are two systems in place, GTA and Guam Cellular. MARSEC has one Go-Pack for use in emergency response. Major companies include:

Futuristic Systems, Inc.  
Telephone: (671) 635-3663  
Fax: (671) 637-4329

Guam Cellular & Paging  
Telephone: (671) 649-7243  
Fax: (671) 649-7247

AAA Cellular  
Telephone: (671) 649-8808  
Fax: (671) 649-8869

IConnect  
Telephone: (671) 888-8888  
Fax: (671) 647-7840

A variety of companies in the CNMI sell cellular telephones. Major companies include:

GTE Pacifica Cellular  
Telephone number: (670) 234-7143

Saipan Cellular and Paging  
Telephone number: (670) 235-7243

#### **5310.65 Portable Radios**

The primary vendors for portable radios on Guam are Motorola and Marianas Electronics (ICOM radios). Both stock VHF-FM radios. They have limited supplies of UHF radios. Major companies include:

Motorola  
Telephone: (671) 632-9351  
Fax: (671) 632-2148

Marianas Electronics & Computers  
Telephone (671) 472-6208/477-1485  
Fax: (671) 472-4230

iConnect  
Telephone: (671) 888-8888  
Fax: (671) 647-7840

There are two companies in the CNMI that supply radio communications equipment and systems:

Compac Communications  
Telephone number: (670) 234-7622

AAA Cellular - Saipan  
Telephone number: (670) 235-2080

#### **5310.66 Portable Communication Trailers**

Guam Civil Defense has a mobile command post equipped with radio, telephone and cellular phone communications equipment. This vehicle, a "SWAT van", is self-propelled and has its own generator. It's available upon request in any civil emergency.

#### **5400 AREA RESOURCES: INFRASTRUCTURE**

#### **5410 STAGING AREAS**

The main staging areas in Apra Harbor are the "H" wharf and the seaplane ramp next to the "G" wharf. Both sites offer access to the water and a large surface area for temporary storage of equipment. The seaplane ramp also has a launch ramp. The PAG Security Department can easily restrict access to both sites. Dry Dock Island is also a potential staging area.

Staging Areas in Tanapag Harbor Saipan are: Charlie Dock for all off-island equipment, Able Dock for boom deployment, and Bravo Dock for personnel and equipment.

#### **5411 AIRCRAFT LANDING SITES**

Guam has two such sites, Andersen Air Force Base (AAFB) and the Guam International Airport. The runway at AAFB can accept any cargo aircraft in the USAF inventory and provide limited maintenance. The Guam International Airport runway can accept any commercial aircraft currently in service. Both AAFB and the Airport have cargo handling equipment.

CNMI has three airfields: Saipan International Airport, Tinian Airport and Rota Airport. The runways at all of the airfields can accept any cargo aircraft inventory, provide limited maintenance, and accept any commercial aircraft currently in service. Macaw Helicopters

has two aircraft, located at Coral Ocean Point on Saipan. The helicopters can provide up to 25 miles of air surveillance.

**5412 MAINTENANCE FACILITIES**

There are three facilities capable of performing maintenance on marine equipment on Guam. They are:

Casamar: F-2 wharf on Cabras Island  
Cabras Marine: F-6 wharf on Cabras Island  
Guam Shipyard: located on COMNAVMARIANAS

**5413 PORTABLE TOILET SERVICES**

GUAM:

Todo Mauleg Porta Toilet & Services

Ph: (671) 477-3369 Fax: (671) 477-0823 Total Units: 250

SOS Portables

Ph: (671) 472-5596 Fax: (671) 472-5598 Total Units: unk

Lucky One Pumping Service

Ph: (671) 646-6847 Fax: (671) 472-5598 Total Units: unk

Commercial Sanitation

Ph: (671) 646-2267 or 649-5449 Fax: 649-0120

SAIPAN:

Hwang Jae Corp.

Ph: (670) 234-8107 Fax: (670) 235-2323

**5414 BOAT RAMPS**

For map locations see Section 4400.

1. Agana Small Boat Harbor, Guam - This marina has a paved small boat launching ramp and numerous slips for mooring small vessels. There is also a winch used to lift large fish and small cargo on or off of boats. The marina has a fueling facility (diesel and gasoline) for in-water fueling. GPD and GFD maintain an office and dock in the marina for their boat operations.

2. Merizo Small Boat Facilities, Guam - It has a paved small boat launching ramp into Cocos Lagoon. They have some slips for mooring small vessels and a small anchorage area.

3. Agat Marina, Guam - This marina has recently been improved and expanded. It can moor up to 156 boats of

various sizes. The complex includes administrative buildings, a concessionaire and a fuel and loading dock. The fueling facility provides both diesel and gasoline. This marina also has a paved small boat launching ramp. GFD maintains an office and boat with a three-person crew in this marina. It is usually staffed from 0800 to 1700 daily. The Port Authority of Guam supervises the maintenance and operations of this marina.

4. Achang Bay, Guam - This facility, near Cocos Lagoon, includes limited moorage and dockage for vessels less than 25 feet long. It doesn't have a fuel transfer facility capable of directly fueling vessels in the water.

5. Smiling Cove Marina, Saipan - This marina has a paved small boat launching ramp and numerous slips for mooring small vessel. There is also a loading ramp used to disembark personnel and small cargo. Generally the marina is limited to vessels less than 65 feet in length due to water depth and the size of the mooring slips.

6. Sea Plane Ramp, Saipan - The Sea Plane Ramp has a paved small boat launching ramp. There is limited space to moor small vessels alongside the concrete wall and is often used to drydock small vessels for repairs and surveys.

7. Fishing Basin Ramp, Saipan - The Fishing Basin Ramp has a small boat launching ramp with plenty of room to leave trailers, vehicles and equipment staged. The water depth limits the size of vessels.

8. Sugar Dock, Saipan - Sugar Dock, located in Chalan Piao, has limited moorage and dockage for vessels less than 50 feet long. The ramp is limited to vessels less than 30 feet long and has never been dredged to maintain its length.

All of the vessels using these boat ramps in Saipan are fueled either by transporting six or twelve gallon portable tanks, or fueling at the only fueling pier at Delta Dock, which is maintained by Pelley's Boat Charters.

#### **5415            LODGING**

Guam has adequate temporary lodging. Most of the larger hotels in Guam are located in the Tumon Bay area. Transient berthing for military personnel is very limited on Guam.

Saipan, Tinian, and Rota also have adequate temporary lodging. Most of the larger hotels on Saipan are

located in Garapan. Transient berthing for military personnel is nonexistent on islands within CNMI, but most hotels offer a military rate for the rooms.

**5415.1 MAJOR HOTELS**

GUAM:

Guam Plaza Hotel  
Telephone: (671) 646-7803  
Fax: (671) 646-7809

Onward Agana Beach Hotel  
Telephone: (671) 647-7777  
Fax: (671) 649-2226

Guam Hilton  
Telephone: (671) 646-1835  
Fax: (671) 646-6038

Pacific Star Hotel:  
Telephone: (671) 649-7827  
Fax: (671) 646-9335

Hyatt Regency Guam  
Telephone: (671) 647-1234  
Fax: (671) 647-1235

Alupang Beach Tower (2 or 3 Bedroom Suites)  
Telephone: (671) 649-9666  
Fax: (671) 649-9667

Guam Palace Hotel  
Telephone: (671) 646-2222  
Fax: (671) 649-5211

Inn On The Bay  
Telephone: (671) 565-8521-6  
Fax: (671) 565-8527

Pacific Islands Club  
Telephone: (671) 649-6109  
Fax: (671) 646-2434

The Westin Resort Guam  
Telephone: (671) 647-1020  
Fax: (671) 647-0999

SAIPAN:

Paradise Hotel  
Telephone: (670) 234-8224/5/6

Plumeria Resort Hotel

Telephone: (670) 322-6201

Dai Ichi Hotel  
Telephone: (670) 234-6412

Hafa Adai Beach Hotel  
Telephone: (670) 234-6495/6/7

Hyatt Regency  
Telephone: (670) 234-1234

TINIAN:

Meitetsu Fleming Hotel  
Telephone number: (670) 433-3232

Tinian Dynasty Hotel & Casino  
Telephone number: (670) 328-2233

Lori Lynns Hotel  
Telephone number: (670) 433-3256

ROTA:

The Rota Hotel  
Telephone number: (670) 532-2000

Rota PauPau Hotel  
Telephone number: (670) 532-3111

Rota Resort & Country Club  
Telephone number: (670)532-1155

Rota Coconut Village Hotel  
Telephone number: (670) 532-3448

**5415.2 BOQ'S AND BEQ'S**

Military berthing is only available on Guam.

Navy Consolidated Bachelor Quarters  
Reservation: (671) 339-7224  
COMNAVMARIANAS BOQ = 50 rooms (Orote Point)  
BOQ = 16 rooms (Nimitz Hill)  
BEQ = 280 rooms/14 barracks

NCTAMS: (671)355-5793/5749  
BOQ = 9 rooms  
CPO = 2 rooms  
BEQ = 7 rooms

Air Force BOQ (671) 366-8144  
Fax: (671)366-6264

**5416            TRANSPORTATION**

Three U. S. flag air carriers serve Guam and Saipan. They are: Continental Micronesia, and Northwest Airlines. Freedom Air and Pacific Island Aviation have service to Tinian and Rota.

There is an adequate supply of rental cars on Guam, Saipan, Tinian and Rota. Most agencies will offer military rates. Guam has ample supplies of vans and trucks available for rent. Saipan, Tinian and Rota have limited supplies of these types of vehicles for rent.

**5417            FOOD**

There is an adequate supply of restaurants and catering companies on the islands of Guam and Saipan. See the 1998 Guam Telephone Book yellow pages and the 1998 CNMI Telephone Book for the current listings. The water is not safe for drinking directly out of the faucets. Most residents drink bottled or filtered water.

**5417.1        RESTAURANTS**

Many restaurants are available throughout Guam, Saipan, Tinian and Rota.

**5417.2        CATERING SERVICES**

GUAM:

Bing Carbullido's Catering    Ph: (671) 565-2335  
Connie's Fiesta Catering    Ph: (671) 637-1914  
Dydasco Catering            Ph: (671) 653-1812  
English Food Catering        Ph: (671) 632-9492  
Guam Hilton Catering        Ph: (671) 646-1835  
Lily's Fast Food/Catering    Ph: (671) 646-2511  
Tuncap's Catering            Ph: (671) 477-6465

SAIPAN:

Halinas Kitchen            Ph: (670) 235-7938

TINIAN:

ROTA:

Val's Catering Service        Ph: (670) 532-8257  
V's Corporation              Ph: (670) 532-5966

**5418            CLOTHING**

COMNAVMARIANAS Supply Center Guam stocks supplies

of protective clothing (such as safety shoes and hard-hats). There are no commercial vendors on island that stock significant quantities of such items.

**5419 SAFETY EQUIPMENT**

Safety First Systems, located in the Harmon Industrial Park on Guam (649-6440), stocks a variety of safety equipment, as does J.V. International Safety Equipment Co. (646-9524). They are two of the few distributors on Guam for most such supplies.

Safety First Systems also has an office located in Chalan Piao on Saipan (670-235-6500). They stock a variety of safety equipment in limited quantities.

**5420 PORT/DOCK FACILITIES/CAPABILITIES**

The Port Authority of Guam (PAG) is the port authority for the island of Guam. The Harbormaster for PAG is responsible for the commercial port in Apra Harbor and all of the small craft marinas.

Administration Office  
(671) 472-7678 Fax: (671) 477-2689

Harbor Master: (671) 477-8697

Security: (671) 477-5931

Agat Marina: (671) 565-3794

The Commonwealth Ports Authority is the port authority for the CNMI. Each island has it's own Harbor Master responsible for the commercial ports and all the small craft marinas. The central office for CPA is located in Saipan.

Saipan CPA: (670) 664-3550  
Harbor Master: (670) 664-3551

Tinian CPA: (670) 433-9296  
Harbor Master: (670) 433-9295

Rota CPA: (670) 532-9489  
Harbor Master: (670) 532-9489

**5421 TEMPORARY STORAGE AND DISPOSAL FACILITIES (TSD)**

Shell Guam operates an 80,000 bbl deballast tank in the port area for temporary storage of hazardous waste. There are no facilities on Guam that can process and dispose of hazardous waste or hazardous substances. GPA and the GPA

power plants can burn waste oil as fuel. Two companies, Energy Recovery Corporation and Unitek, provide waste oil removal and temporary storage services.

Procedures for transporting, storage, and disposal  
Permits required: GEPA permits only temporary storage of hazardous waste (90 days). There is no provision for issuing permits for long term storage. GEPA issues permits for open air burning of waste oil and debris.

**5422 INTERMODAL TRANSPORTATION ROUTES: HIGHWAY,  
WATER  
TO BE DEVELOPED**

**5423 EVACUATION ROUTES  
TO BE DEVELOPED**

**5424 MEDICAL FACILITIES**

There are two general hospitals on Guam, Guam Memorial Hospital and Naval Hospital Guam. Both maintain 24-hour emergency rooms staffed by physicians. The closest hospital to Apra Harbor is the Naval Hospital, located on Route 7 in Agana. The closest hospital to the Tumon Bay area is Guam Memorial. All of the major military installations maintain clinics staffed with physicians normal working hours. They have EMT's on duty after working hours.

Guam Memorial Hospital  
Switchboard: (671) 647-2330/2552/4  
Emergency: (671) 647-2489/2442

Naval Hospital Guam  
Officer of the Day: (671) 344-9340/9352  
Emergency: (671) 344-9314

There are three general hospitals within the CNMI: Saipan Commonwealth Health Center, Tinian Health Center, and the Rota Health Center. All maintain 24 hour emergency rooms staffed by physicians. All of the hospitals are located within two miles of the commercial port areas of each island.

Saipan Commonwealth Health Center  
Ph: (670) 234-8950/234-8917

Tinian Health Center  
Ph: (670) 433-9233/63

Rota Health Center  
Ph: (670) 532-9464

**5425 MESSING/BERTHING CAPACITIES  
TO BE DEVELOPED**

## 5500 AREA RESOURCES: RESPONSE EQUIPMENT

## 5510 SUMMARY OF AREA RESOURCES

## 5510.1 USCG MSO GUAM

24 hrs telephone number (671) 339-6100 or  
(671) 339-2001

Location: COMNAVMARIANAS Guam

Response Time: 1 hour

SPILL RESPONSE EQUIPMENT

COMNAVMARIANAS Location

Containment Boom	24"	2000 feet	
Anchor System (line, anchor, buoy)			3
Towing Bridle			3
Air Compressor	125 psi		1
Sorbent Pads	#151 (3M)		18 bales
Sorbent Sweeps	#126 (3M)		10 bales
Sorbent Boom	#270 (3M)		4 bales
Sorbent Pom-Poms			1 box
Line and Shackles	various sizes & quantities		
PST Small Pump Load			1
Pumps	300 gpm		4
Tripods (w/rigging)			2
PVC Stingers	various sizes & quantities		
Discharge Hose	2"	400 feet	
Discharge Hose	3"	200 feet	
Associated Supplies	various sizes & quantities		
Vacumax Skimmer			
Manta Ray Skimmer	48"		
Pumping Rate	- 300 GPM - 4 pumps in pump load.		
Diaphragm pumps	- Depends on air pressure from 10 - 120 GPM.		
Storage Capacity	- none.		
Fitting Sizes	- Various Camlock fittings - and special connectors.		

Commercial Port Location - Warehouse #2

2	20ft blue containers		
Expandi-Boom	2000		250 feet
Sorbent Pads	#151 (3M)		63 bales
Sorbent Boom	#270 (3M)		22 bales
Sorbent Sweeps	#126 (3M)		42 bales
Sorbent Pom-Poms			6 bales
Air Hose	300 psi		
Suction Hose w/camlocks	4"	300 feet	
Suction Hose w/camlocks	2"	475 feet	
Suction Hose w/camlocks	1"	125 feet	
55 gallon Drum Hand Pump	1	1 each	
Rags			3 bales

SUPPORT EQUIPMENT

COMNAVMARIANAS

6 meter RHIB	1
Flatbed trucks	2
Passenger vans	3
Handheld VHF-FM transceivers	8
Cellular telephones	5

**5510.2 USCGC SASSAFRAS (WLB 401)**

24 hr Telephone number: (671) 339-2006  
 Location: Victor wharf, COMNAVMARIANAS Guam  
 Response time: N/A

SPILL RESPONSE EQUIPMENT

Small quantities of sorbent pads.

SUPPORT EQUIPMENT

25 foot motor cargo boat	1
6 meter RHIB	1
Dewatering/forfeiting pumps	4
Dive team	1
VHF-FM, HF transceivers	4
Portable Light	2
Sorbent pad wringer	1
Anchor, Large 75 lbs	2
Anchor, Small 30lbs	4

**5510.3 USCGC GALVESTON ISLAND (WPB 1349)**

24 hour telephone number: (671) 339-2007  
 Location: Victor wharf, COMNAVMARIANAS Guam  
 Response time: N/A

SPILL RESPONSE EQUIPMENT

Small quantities of sorbent pads.

SUPPORT EQUIPMENT

6 meter RHIB	1
Dewatering/forfeiting pumps	2
Dive team	1
VHF-FM, HF transceivers	4

**5510.4 GUAM ENVIRONMENTAL PROTECTION AGENCY**

Telephone number: (671) 475-1658/59  
 Location: Tiyan, Guam

SPILL RESPONSE EQUIPMENT: (671) 635--9500

Hazardous Material Response Team	1
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SUPPORT EQUIPMENT: (671) 688-7090

17 foot Boston Whaler	1
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**5510.5 DEPARTMENT OF AGRICULTURE, DIVISION OF**

**AQUATICS AND WILDLIFE RESOURCES**

Telephone number: (671) 735-3955/6  
Location: Mangilao, Guam

SPILL RESPONSE EQUIPMENT

Expertise in aquatic and wildlife resources on Guam.

SUPPORT EQUIPMENT

4-wheel drive vehicles	6
Dive team	1
20 foot Boat	2
Conservation Officers	17

**5510.6 PORT AUTHORITY OF GUAM**

HarborMaster  
Telephone: (671) 477-8697  
Location: Cabras Island, Guam

Security  
Telephone: (671) 472-2073  
Location: Cabras Island, Guam

SPILL RESPONSE EQUIPMENT

Small quantities of sorbent materials.

SUPPORT EQUIPMENT

Small trucks	3
Forklifts	6
26 foot boat	1

**5510.7 GUAM POLICE DEPARTMENT**

Agana Marina  
Telephone: (671) 475-8615/8626/27  
Telephone number: 911

SPILL RESPONSE EQUIPMENT

Small quantities of sorbent materials.

SUPPORT EQUIPMENT

30 foot boat	1
15 foot RHIB	1
Jet skis	4
Dive team	1

**5510.8 GUAM FIRE DEPARTMENT**

Fire and Rescue  
Telephone number: 911

SPILL RESPONSE EQUIPMENT

Small quantities of sorbent materials.

SUPPORT EQUIPMENT

Boats	2
Rescue Team	4 (One each in Tamuning, Talofofo, Agana and Agat Marinas)

**5510.9 GUAM RESPONSE SERVICES, LTD.**

Point of Contact: Martin Gerber  
Telephone (671) 647-7500  
Location: Agana, Guam

SPILL RESPONSE EQUIPMENT

CRS-14 Hydraulic Power Pack(70 hp)	3 ea
Johnson Outboard motor (115 hp)	5 ea
Manta Ray Skimmer (80 gpm, 549 bbls/day)	1 ea
Manta Ray Skimmer(120 gpm, 823 bbls/day)	1 ea
Slickskim Tk Cleaning Head(343 bbls/day)	1 ea
Skim-Pak Skimmer (68 gpm, 466 bbls/day)	2 ea
GT-185 Skimmer (265 gpm, 1817 bbls/day)	3 ea
Acme Boom OK Corral (20")	5000 ft
MK-E Slickbar Boom (18")	2200 ft
MK10 Slickbar Boom (18")	2000 ft
CS River Boom (19")	4800 ft
Shore Sealing Boom Slickbar (22")	300 ft
Sea Curtain Boom (33")	1000 ft
Marine SVCS Containment Boom (18")	7500 ft
Peristaltic pump (110 gpm, 754 bbls/day)	2 ea
DOP 250 pump (440 gpm, 3017 bbls/day)	1 ea
CanFlex storage bladder (30 bbls cap)	1 ea
Towable storage bladder (690 bbls cap)	2 ea
FASTANK (57 bbls cap)	2 ea
Compact Recovery Skid, VOSS (80' boom)	1 ea
Boom Roller	8 ea
Sea Curtain Boom Reel (500')	2 ea
Straddle Hoist (1 ton)	1 ea
Komatsu forklift (1 ton)	1 ea
Boat trailer (3.5 ton)	2 ea
Chevy Pick up truck(4X4, 1/2 ton)	1 ea
VOSS trailer	1 ea
Genset trailer	1 ea
Bladder trailer	1 ea
Boom box trailer	1 ea
GT-185/PowerPack/FASTANK trailer	2 ea
Munson workboat (24 ft)	2 ea
Genset diesel generator (10 kw)	1 ea
High pressure washer (4000 psi)	1 ea
Decontamination pool (600 gal)	2 ea
Anchor set (Danforth)	96 sets
Inflatable retrieving bouys	37 ea
Lighted bouys	22 ea

Air compressor 1 ea  
Portable fire extinguishers 5 ea

COMMUNICATION EQUIPMENT

Hand held radio (VHF) 9 ea  
Mobile boat radio (VHF) 2 ea  
Cell phones 3 ea

**5510.10 COMNAVMARIANAS GUAM**

Telephone number: (671) 339-8181  
Location: Sierra Wharf, COMNAVMARIANAS, Guam  
Response time: 4 hours  
\*\* Information on Navy spill equipment will be as marked

SPILL RESPONSE EQUIPMENT

Sierra Wharf  
Boom Mooring System 12  
Boom Type I 3,500 feet  
Boom Type II 10000 feet  
Boom Permanent 2,900 feet  
Skimmer, DIP 1  
Oil Boom Platform 1

SUPPORT EQUIPMENT

Victor Wharf  
Waste oil barge 1  
Utility boat 6  
Vacuum Truck 2,000gal 1  
Bladders 1,200gal 1  
Engines, spare 8

**5510.11 COMNAVMARIANAS SUPPLY DEPT., FUEL DIVISION**

SUPPORT EQUIPMENT

Vacuum Truck 2,000gal 2

**5510.12 SHIP REPAIR FACILITY**

Boom Permanent 1,500feet

**5510.13 NAVAL EXPLOSIVE ORDNANCE DISPOSAL UNIT 5**

Telephone number: (671) 339-7162/6258  
Location: COMNAVMARIANAS Guam

SPILL RESPONSE EQUIPMENT

None

SUPPORT EQUIPMENT

divers	10
boats 22' Boston Whaler	4
27' Boston Whaler	1

**5510.14 USCG MSD SAIPAN**

Telephone number: (670) 233-9495  
 Location: Saipan

SPILL RESPONSE EQUIPMENT

24" Containment boom	1900 ft
Boom anchoring systems	3 ea
Towing bridle	1 ea

SUPPORT EQUIPMENT

4X4 Pickup truck	
VHF-FM marine radio	1 ea
Motorola Smartnet radio	1 ea

HAZARDOUS MATERIALS EQUIPMENT

		<u>Location</u>
Barricade tape, yellow	11 rolls	Shell
Barricade tape, red	11 rolls	Shell
Lifeguard Level B suits	16 ea	Shell
HazCat Kit	1 ea	Shell
28" traffic cones	12 ea	Shell
weights for traffic cones	12 ea	Shell
flag & tape adapter for cones	12 ea	Shell
AIM 3250 for Chlorine & H2S	1 ea	Shell
AIM 3250 for O2 & CO	1 ea	Shell
Calibration gases for AIM	3 ea	Shell
95 gal overpack drum	2 ea	Shell
Flashlights	6 ea	Shell
First Aid Kit	2 ea	Shell
Beta HazMat boots	4 pair	Shell
Beta Slicker boots	4 pair	Shell
Ventilation blower	1 ea	Shell
25" blower hose	1 ea	Shell
plastic shovel	8 ea	Shell
Silver Shield gloves	9 pair	Shell
50lb bag Quick Sorb	5 ea	Shell
Acetylene wrench	1 ea	Shell
HazMat disposal bags(55 gal)	4 ctns	Shell
Full-face APR	6 ea	Shell
Organic Vapor cartridges	24 ea	Shell
Acid Gas cartridges	24 ea	Shell
Radionuclides cartridges	24 ea	Shell
Type G cartridges	24 ea	Shell
Non-sparking tool kit	1 ea	Shell
Non-sparking bung wrench	1 ea	Shell
Tripod w/lamp head	3 ea	EMO
4K watt generator	1 ea	EMO
Plugging/Patching Kit	1 ea	Shell
50lb GapSeal for Hydrocarbons	1 ea	Shell
Spill-fyter Classifier kit	1 ea	Shell

**5510.15 TANAPAG HARBOR OIL SPILL COOPERATIVE  
RESOURCES - SAIPAN**

MOTOR EQUIPMENT

4K portable generator	2 ea	Shell
171 kilowatt generator	1 ea	Shell
50 kilowatt generator	1 ea	Shell
Pump/Tank truck - 4200 gal	1 ea	Shell
Pump/Tank truck - 5500 gal	1 ea	Shell
5 ton Flat bed truck	1 ea	Shell
4X4 pickup truck	1 ea	Shell
2.5 ton forklift	1 ea	Shell
Pump/Tank truck - 3000 gal	2 ea	Mobil
Tank truck trailer - 8500 gal	1 ea	Mobil
Pickup truck	1 ea	Mobil
Flat bed truck	2 ea	Mobil
2.5 ton forklift	1 ea	Mobil
3.0 ton forklift	1 ea	Mobil

FLOATING EQUIPMENT

17' MCKEE boat/140 hp	1 ea	Shell
22' YAMAHA boat/70 hp	1 ea	Mobil
17' SeaArk boat/90 hp	1 ea	Mobil

OIL SPILL RESPONSE EQUIPMENT

Granular Sorbent	53 bags	Shell
Sorbent pads	31 bale	Shell
100' sorbent boom	10 ea	Shell
SeaCurtain boom	1400 ft	Shell
USCG SlickBar boom	1200 ft	Shell
Worthington skimmer pump	1 ea	Shell
ACME skimmer and hose	1 ea	Shell
MantaRay skimmer	1 ea	Shell
2500 gal recovery tank	1 ea	Shell
WILDEN M-15 diaphragm pump	2 ea	Shell
SULAIR portable compressor	1 ea	Shell
Industrial tool set	1 ea	Shell
SlickBar 18" boom	1100 ft	Mobil
Mobil Boom container	2 ea	Mobil
buoys	13 ea	Mobil
toggle pins	13 ea	Mobil
tow plates w/ropes	6 ea	Mobil
MantaRay skimmer head	1 ea	Mobil
3"X10' suction hose	3 ea	Mobil
Diaphragm pump	1 ea	Mobil
200 gpm portable 3" pump	1 ea	Mobil
Mobil SkimPaK Kit	1 ea	Mobil
MK-18 SlickBar 18" boom	1500 ft	GUAM(GRSL)
SkimPac 4200 skimmer	1 ea	GUAM(GRSL)
50 bbl Fast tanks	2 ea	GUAM(GRSL)
700 bbl Unitor bag	1 ea	GUAM(GRSL)

FIRE CONTROL EQUIPMENT

CATERPILLAR hydrant water pump	1 ea	Shell
portable fire extinguishers	3 ea	Shell
10lbs ABC extinguisher	2 ea	Shell
20lbs ABC extinguisher	20 ea	Shell
Fire Boxes w/asst tools	12 ea	Shell
Fire hydrant tool kit	12 ea	Shell
Tank foam injection/sprinkler	12 ea	Shell
Light water foam	55 gals	Shell

COMMUNICATIONS

Motorola MTX810 radio/phone	1 ea	Mobil
Motorola MTX80 radio/phone	2 ea	Mobil

MISCELLANEOUS EQUIPMENT

35 gal drum	30 ea	Mobil
3M sorbent boom	10 bale	Mobil
3M sorbent pads	52 bale	Mobil
rake, shovel, wheelbarrow	1 ea	Mobil

**5510.16 TINIAN RESPONSE EQUIPMENT**OIL SPILL RESPONSE EQUIPMENT

SlickBar MK II boom	3 ea	Mobil
20" Type B BS EP-300 boom	10 ea	TCW
sorbent boom	8 ea	Mobil
sorbent pads	9 bale	Mobil
25kg absorbent Leo-mats	2 box	TCW
MantaRay skimmer	1 ea	Mobil
3" 25 ft floating suction hose	1 ea	Mobil
3" 50 ft suction hose	1 ea	Mobil
40 LS oil skimmer	1 ea	TCW
2" 20m cargo hose	1 ea	TCW
3" 20m cargo hose	35 ea	TCW
4" 20m cargo hoses	14 ea	TCW
Mobil SkimPac	1 ea	Mobil

MISCELLANEOUS EQUIPMENT

Motorola MTX810 radio	3 ea	Mobil
Icom IC-H16 radio	1 ea	TCW
Icom V-100 radio	1 ea	TCW
pickup truck	1 ea	Mobil
22' YAMAHA boat/twin 70hp	1 ea	Mobil

FIREFIGHTING EQUIPMENT

250 gal fire hydrant pump	1 ea	Mobil
5 gal Aer-o-Foam XL-3	5 ea	Mobil
5 gal Purple K powder	2 ea	Mobil
150 lb dry chem extinguisher	1 ea	Mobil
30 lb portable extinguisher	2 ea	Mobil
Halon 1211 extinguisher	1 ea	TCW
20 lb portable extinguisher	5 ea	Mobil

\*\*TCW = Tinian Center Warehouse

**5510.17 ROTA RESPONSE EQUIPMENT**OIL SPILL RESPONSE EQUIPMENT

50' SlickBar MarkII boom	8 ea	Mobil
50' section sorbent boom	13 ea	Mobil
50' SlickBar MarkII boom	4 ea	CUC
50' section sorbent boom	13 ea	CUC
50' containment boom	10 ea	CUC
sorbent pads	9 bale	Mobil
sorbent sheets	1 bale	CUC
3" 10' floating hose	8 ea	Mobil
MantaRay skimmer	1 ea	Mobil
Mobil SkimPak	1 ea	Mobil

MISCELLANEOUS EQUIPMENT

Motorola MTX810 radio	3 ea	Mobil
Marine band radio	2 ea	CUC
pickup truck	1 ea	Mobil
pickup truck	2 ea	CUC
17' YAMAHA boat/twin 40hp	1 ea	Mobil
1000 gal tank truck	1 ea	Mobil

FIREFIGHTING EQUIPMENT

250 gal fire hydrant pump	1 ea	Mobil
150 lb Ansul dry chem extin	1 ea	Mobil
20 lb Ansul dry chem extin	3 ea	Mobil
30 lb Ansul dry chem extin	1 ea	Mobil
foam nozzles	2 ea	Mobil
Roman chariot	1 ea	Mobil
100' hose	2 ea	Mobil
50' hose	4 ea	Mobil
USG aero foam chemical	1 ea	Mobil
50 lb halon portable extin	1 ea	CUC
6% AFFF foam and 5 gal buckets		50 ea
CUC		

**5510.18 CNMI GOVERNMENT AGENCY RESOURCES**SPILL RESPONSE EQUIPMENT

SCBA	6 ea	EMO
SCBA Motorola headset adapter	2 ea	EMO
SCBA push-to-talk headset	6 ea	EMO
SCBA spare parts kit	6 ea	EMO
SCBA tool kit	2 ea	EMO
Level A MARMAK 9400 suit	8 ea	EMO
Chlorine A Kit	1 ea	EMO
Series E Leak Control Kit	1 ea	EMO
Liquid cooling vests	4 ea	EMO
Decon pool frames/liners	2 ea	EMO
Universal sorbent dike socks	5 ea	EMO
2" poly funnel drum	2 ea	EMO

HazMat plastic shovel	4 ea	EMO
Butyl gloves	8 pair	EMO
Latex boot covers	19 pair	EMO

Each CNMI government agency has UHF radios for their own personnel to use. Additionally, the various agencies have heavy equipment such as bulldozers, backhoes, and forklifts as well as standard vehicles for use. The Department of Public Works and Emergency Management Office can assist in acquiring additional resources if necessary.

**5511 ALTERNATIVE BOOM SOURCES**

Anderson Air Force Base Boom	600 feet	
Pacific Environmental Boom	440 feet	
Unitek		
Boom, Sorbent	400 feet	
Sorbent Sweep	2,000feet	
Safety First		
Powersorb Mini Boom	3"x4"	6
Powersorb Mini Boom	13"x100'	13
Sorbent Rolls	38"x144'	19
Sorbent Pads		209
Sorbent Particulate	25lbs/bag	18
Sorbent Pillows	5"x14"x25"	16
Sorbent Boom	8" DIA, x 10'	89
Guam Power Authority Boom	1,460feet	

**5512 BOOM COMPATIBILITY**

Boom end connectors are recommended to comply with the ASTM F-962 ("Z" type) standard. This will ensure that containment boom within the port of Guam from different sources may be used together, if needed. If end connectors do not meet this standard, it is recommended as an alternative, to have adaptors made in advance that will allow boom with your style of end connectors to be connected to boom with end connectors meeting the ASTM F-962 specifications.

Both the Navy's boom and GRSL's boom have proven to match up when pulled across Sasa Bay. GRSL pulls boom from Drydock Island south across Sasa Bay, and the Navy pulls boom from Polaris Point north across Sasa Bay.

**5513 SUMMARY OF AVAILABLE OUT-OF-AREA RESOURCES TO BE DEVELOPED**

**5600 AREA RESOURCES: PERSONNEL AND SERVICES**

**5610 FEDERAL RESOURCES/AGENCIES**

**5610.1 TRUSTEES FOR NATURAL RESOURCES  
TO BE DEVELOPED**

**5610.2 UNITED STATES COAST GUARD**

**5610.21 USCG National Strike Force (NSF)**

The USCG National Strike Force Coordination Center (NSFCC), in Elizabeth City, North Carolina, coordinates the three Coast Guard Strike Teams (Atlantic, Gulf and Pacific). The three Strike Teams provide trained personnel and specialized equipment to assist the OSC in training for spill response, stabilizing and containing the spill, and in monitoring or directing the response actions of the responsible parties and/or contractors. The OSC has a specific team designated for initial contact and may contact that team directly for any assistance. The NSFCC can provide the following support to the OSC:

1. Technical assistance, equipment and other resources to augment the OSC staff during spill response.
2. Assistance in coordinating the use of private and public resources in support of the OSC during a response to or a threat of a worst case discharge of oil or hazardous substance.
3. Review of the Area Contingency Plan, including an evaluation of equipment readiness and coordination among responsible public agencies and private organizations.
4. Assistance in locating spill response resources for both response and planning, using the NSFCC's national and international computerized inventory of spill response resources.
5. Coordination and evaluation of pollution response exercises.
6. Inspection of district pre-positioned pollution response equipment

**5610.22 USCG District Response Advisory Team (DRAT)**

The District Response Group (DRG) is a framework within each Coast Guard district to organize district resources and assets to support USCG OSC's during response to a pollution incident. Coast Guard DRG's assist the OSC

by providing technical assistance, personnel, and equipment, including the Coast Guard's pre-positioned equipment. Each DRG consists of all Coast Guard personnel and equipment, including fire fighting equipment, in its district, additional pre-positioned equipment, and a District Response Advisory Team (DRAT) that is available to provide support to the OSC in the event that a spill exceeds local response capabilities.

**5610.23 Public Information Assist Team (PIAT)**

The Public Information Assist Team (PIAT) is an element of the NSFCC staff which is available to assist OSC's to meet the demands for public information during a response or exercise. Its use is encouraged any time the OSC requires outside public affairs support. Requests for PIAT assistance may be made through the NSFCC or NRC.

**5610.24 USCG Reserve Members Attached to the MSO**

1 Officer  
5 Enlisted

**5610.25 USCG Auxiliary**

Coast Guard Auxiliary members on Guam are available to augment the MSO or participate in Marine Safety activities. They have five operational facilities, all sailboats, available. In addition, some members are licensed pilots, both commercial and private.

**5610.26 USCG Personnel**

Marine Safety Office Guam  
7 Officers, 6 Enlisted  
COMNAVMARIANAS Guam  
day: 339-2001, 24 hour: 339-6100  
fax: 339-2005, 339-6210

**5610.3 U.S. NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION (NOAA)**

**5610.31 Scientific Support Coordinator**

NOAA SSC's, a scientific team, are the principal advisor to the OSC for scientific issues, communication with the scientific community, and coordination of requests for assistance from other agencies regarding scientific studies. The SSC strives for a consensus on scientific issues but ensures that the OSC receives any differing opinions. The SSC also provides information about spill movements and trajectories. They serve as the OSC's liaison between damage assessment data collection and data collected in support of the response. The SSC synthesizes and integrates

environmental information required for spill response decisions, coordinates with Area representatives, appropriate trustees and other knowledgeable local representatives.

**5610.32 Spill/Discharge Trajectory Modeling**

**5610.33 NOAA Weather Service**

The Navy provides local weather forecasting services through the Naval Pacific Meteorology & Oceanography Center, West/Joint Typhoon Warning Center. The National Weather Service on Guam provides data collection services but does no forecasting.

National Weather Service: (671)344-4175/4160  
Forecast Duty Officer: (671) 3444175/4160  
NOAA Marine Weather Radio Broadcast:  
(671)343-2991/2/3/4/5

**5610.4 US NAVY**

**5610.41 Supervisor of Salvage (SUPSALV)**

The U.S. Navy (USN) is the Federal agency most knowledgeable and experienced in ship salvage, shipboard damage control, and diving. The USN has an extensive array of specialized equipment and personnel available for use in these areas as well as specialized containment, collection, and removal equipment specifically designed for salvage related and open sea pollution incidents.

The Supervisor of Salvage (SUPSALV) can provide salvage expertise and maintains a warehouse on each coast stockpiled with salvage and response gear. (See NSFCC Spill Response Resource Inventory <SRRI> for a listing of SUPSALV equipment) Their phone numbers and message addresses are:

Phone Numbers:  
SUPSALV (business hours) (703) 607-2758  
Navsea (24 hours) (703) 602-7527  
CNO Duty Captain (24 hours) (202) 695-0231

Message Addresses:  
CNO WASHINGTON DC//703/45/37//  
COMNAVSEASYS COM WASHINGTON DC//00C//  
COMNAVFACENGCOM ALEXANDRIA VA  
CINCPACFLT PEARL HARBOR HI

Individual Navy Facilities also locally stockpile some response equipment, which is also listed in the SRRI.

**5610.42 Emergency Response Recall Bill for COMNAVMARIANAS Guam**

Environmental Programs Officer (N45)  
LCDR R. Kramps (671) 339-4365 (office)  
(671) 687-1168 (mobile)  
(671) 720-2129 (pager)  
Disaster Preparedness Officer (N452)  
Roy Tsutsui (671) 339-5094 (office)  
(671) 687-1909 (mobile)  
(671) 720-2138 (pager)  
Hazardous Waste Program Manager  
Troy Imamura (671) 339-3116 (office)  
(671) 687-1910 (mobile)  
(671) 720-0480 (pager)  
Operations Officer (N3)/Spill Response Activation  
(671) 339-6141/6144 (office)

COMNAVAMRIANAS QUARTER DECK  
(671) 339-7133

OTHERS

Force Public Affairs Officer  
N01PA) (671) 339-2115 (office)

DRMO Guam, Environmental Branch  
Marilyn Hennegan (671) 339-3236/ (office)

NAVAL HOSPITAL

Occupational Health  
(671) 339-9054  
Preventative Medicine  
(671) 339-9575  
Industrial Hygiene  
(671) 339-9407  
Communicable Diseases  
(671) 339-9604  
Safety Department  
(671) 344-9218  
NAVHOSP DISASTER PREPAREDNESS  
(671) 344-9289

**5610.5 EPA EMERGENCY RESPONSE TEAMS**

The EPA's Environmental Response Team (ERT) has expertise in treatment technology, biology, chemistry, hydrology, geology, and engineering. The ERT can provide the OSC access to special equipment to deal with chemical releases, and can provide the OSC with advice concerning hazard evaluation, multimedia sampling and analysis, risk assessment, on-site safety, cleanup techniques, water supply decontamination and protection, use of dispersants, environmental assessment, degree of clean-up required, and the disposal of contaminated materials. The ERT also offers various training courses to prepare response personnel.

**5610.6 AGENCY FOR TOXIC SUBSTANCES AND DISEASE  
REGISTRY (ATSDR)**

The Agency for Toxic Substances and Disease Registry (ATSDR) maintains appropriate disease/exposure registries, provides medical care and testing of individuals during public health emergencies, informs the public about the effects of toxic substances, maintains a list of restricted or closed areas due to contamination, conducts research examining the relationship between exposure and illness, and conducts health assessments at contaminated sites. The ATSDR also assists the EPA in identifying most hazardous substances at CERCLA sites, develops guidelines for toxicological profiles of hazardous substances, and develops educational materials related to the health effects of toxic substances. ATSDR is important tool for the OSC to use in assessing the possible effects of an environmental emergency on the public's health.

**5611 GUAM AND CNMI RESOURCES/AGENCIES**

**5611.1 GOVERNMENT OFFICIAL LIAISONS  
TO BE DEVELOPED**

(Governors Aide, County Executive)

**5611.2 TRUSTEES FOR NATURAL RESOURCES**

The National Park Service administers seven units of a National Park that preserves various sites involved in the liberation of Guam in 1944. Two of the units, Asan and Agat, are located in the coastal zone.

National Park Service: (671)477-9362

The Air Force has designated a Marine Resources Preserve on Andersen Air Force Base's coastline. This Preserve extends from Anao Point (144 56' 8" East, 13 32' 40" North) to the east end of Tarague Beach (144 53' 55" East, 13 37' 20" North) extending seaward to encompass all water capable of supporting spear fishing.

AAFB Natural Resources Planner: (671)366-2101/5205  
Fax: (671)366-8010  
Home: (671)653-4095

The National Park Service administers one National Park which is located at Micro Beach on Saipan. This area is known as American Memorial Park, which covers a World War II memorial and surrounding areas of Smiling Cove Marina. The CNMI Department of Lands and Natural Resources is the natural resource trustee for the CNMI.

CNMI Dept. Lands and Natural Resources

Ph: (670) 322-9830

**5611.3 EMERGENCY RESPONSE COMMITTEES (SERC)**

Currently the State Emergency Response Committee (SERC) has not been formally established on Guam. Plans are underway now within GEPA to establish the SERC with the assistance of Federal EPA Region IX.

**5611.4 ENVIRONMENTAL AGENCIES**

The Guam Environmental Protection Agency (GEPA) is the lead agency for Guam on environmental matters. They are the Territorial representative to the RRT and the vice chair of the Area Committee.

Telephone number: (671) 474-1658/9  
Fax: 477-9402

The Division of Environmental Quality (DEQ) is the lead agency for the CNMI on environmental matters. The Coastal Resources Management Office processes applications for permits for any commercial activities along the coastal zone area of the CNMI. The Division of Fish and Wildlife is concerned with actions that may impact the fish and wildlife in the CNMI.

Division of Environmental Quality  
Ph: (670) 234-1011

Coastal Resources Management Offices  
Ph: (670) 234-6623

Division of Fish and Wildlife  
Ph: (670) 322-9627

**5611.5 EMERGENCY MANAGERS**

Guam Civil Defense provides emergency management services for Guam.

Guam Civil Defense: (671)475-9600/01/02

CNMI Emergency Management Office provides emergency management services for Saipan, Tinian, and Rota.

CNMI EMO: (670) 322-9528/9 or 322-8001/2/3/4/5

**5611.6 LAW ENFORCEMENT AGENCIES**

GUAM:

Guam Police Department (GPD)  
GPD Switchboard (24 hours) (671) 472-8911/475-8473

Emergency: 911

Guam Police Department provides police services for all non-military areas of Guam. The Navy and Air Force each maintain their own security police departments for their property.

SAIPAN:

Department of Public Safety: 911  
Police Dispatch: (670) 234-6333

TINIAN:

Department of Public Safety: 911  
Police: (670) 433-9222

ROTA:

Emergency: 911  
Police: (670) 532-9433/34

**5611.7 FIRE DEPARTMENTS**

Guam Fire Department  
Emergency: 911  
Agana Boat Basin: (671) 477-6342  
Agat Marina: (671) 565-3794  
Piti Station 7: (671) 472-8139

Guam Fire Department provides fire suppression, emergency medical services and rescue services for all non-military areas. The Federal Fire Service provides similar services for all military installations. They have mutual-aid agreements for joint response and assistance. The Station closest to Apra Harbor, Piti Station #7, has one engine company and one Chemical unit. There is one fire boat at Agana Harbor, a Boston Whaler at Agat Marina, and four jet skis in the area.

The CNMI Department of Public Safety, Fire Division, provides fire suppression, emergency medical services, and rescue services for Saipan, Tinian, and Rota.

SAIPAN:

Department of Public Safety: 911  
Fire Division: (670) 234-6222/234-9222

TINIAN:

Department of Public Safety: 911  
Fire Section: (670) 433-0476

ROTA:

Emergency: 911  
Fire Department: (670) 532-3736

- 5611.8 HAZARDOUS SUBSTANCES RESPONSE TEAMS**
- 5611.9 EXPLOSIVES ORDNANCE DETAILS (EOD)**
- 5611.10 SITE SAFETY PERSONNEL/HEALTH DEPARTMENTS**
- 5611.11 HOSPITALS**

There are two general hospitals on Guam, Guam Memorial Hospital and Naval Hospital Guam. Both maintain 24-hour emergency rooms staffed by physicians. The closest hospital to Apra Harbor is the Naval Hospital, located on Route 7 in Agana. The closest hospital to the Tumon Bay area is Guam Memorial. All of the major military installations maintain clinics staffed with physicians normal working hours. They have EMT's on duty after working hours.

Guam Memorial Hospital  
Switchboard: (671) 647-2330/2552/2554  
Emergency: (671) 647-2489/2442

Naval Hospital Guam  
Officer of the Day: (671) 344-9340/9352  
Emergency: (671) 344-9314

There are three general hospitals within the CNMI: Saipan Commonwealth Health Center, Tinian Health Center, and the Rota Health Center. All maintain 24 hour emergency rooms staffed by physicians. All of the hospitals are located within two miles of the commercial port areas of each island.

Saipan Commonwealth Health Center  
Ph: (670) 234-8950/234-8917

Tinian Health Center  
Ph: (670) 433-9233/9263

Rota Health Center  
Ph: (670) 532-9464

**5611.12 PORT AUTHORITY/HARBORMASTERS**

The Port Authority of Guam (PAG) is the only port authority in Guam. The Harbormaster for PAG is responsible for the commercial port in Apra Harbor and all of the small craft marinas.

Administration Office:(671) 472-7678  
Fax: (671) 477-2689  
Harbor Master: (671) 477-8697  
Safety Office: (671) 477-7431  
Security: (671) 472-2073  
Agat Marina: (671) 565-3794

The Commonwealth Ports Authority is responsible for the commercial ports and small craft marinas in Saipan, Tinian and Rota.

CPA Saipan  
Ph: (670) 664-3550/51

CPA Tinian  
Ph: (670) 433-9296/9295

CPA Rota  
Ph: (670) 532-9489

**5611.13 MARINE PILOTS ASSOCIATION**

There are Coast Guard licensed pilots on Guam, Saipan and Tinian, but there is no association at this time on any of the islands in the Northern Mariana chain.

**5611.14 SALVAGE COMPANIES/DIVERS**

Guam Oceaneers has salvage divers available. They are located in the PAG Administration Building, phone (671)477-1645. USN Explosive Ordnance Disposal Unit Five, located on COMNAVMARIANAS Guam, has divers of various capabilities and support vessels available. The number of divers on board can vary from 10 to 40 depending upon deployments. Phone (671) 339-8156. There are no salvage vessels in Guam.

On Rota, Iota Partners conducts salvage operations, phone number (670) 532-0549.

**5611.15 LABORATORIES**

Shell Oil Guam operates a laboratory that can perform various tests on petroleum products, including the tests required by GPA before disposing of waste oil in their boilers. The Shell lab is located at their Agat terminal.

Shell Lab: (671) 647-0000

Shell Marianas and the CUC in Saipan both operate laboratories that can perform various tests on petroleum products. CNMI Division of Environmental Quality (DEQ) and

Commonwealth Utility Corporation (CUC) also have laboratories that test for various properties in the water. The Shell laboratory is located at their Saipan facility. The CUC laboratory is located at Lower Base in Saipan, and the DEQ laboratory is located in the Morgan Business Building in Susape.

**5611.16 WATER INTAKE FACILITIES**

The following agencies operate such intakes in the Guam coastal area:

GPA - Cabras Power Plant, Piti Bay.  
(671) 477-1256/78

GPA - Piti Power Plant, Piti Bay.  
(671)

GPA - Tanguisson Power Plant, Tanguisson Point.  
(671)649-8264/68/69/70

GPA Emergency-Trouble Dispatch 24-hr service  
(671) 475-1568/69

RTSG (BOS Contractor for CNM)  
(671) 333-2011/2012

There are currently no water intake facilities on the islands of Saipan, Tinian, and Rota.

**5611.17 AIRPORTS**

Guam has two airfields, Andersen Air Force Base (AAFB) and A.B. Won Pat Guam International Air Terminal. The runway at AAFB can accept any cargo aircraft in the USAF inventory and provide limited maintenance. The Guam International Air Terminal runway can accept any commercial aircraft currently in service. Both AAFB and the Air Terminal have cargo handling equipment. See the current yellow pages for information regarding aircraft rentals.

Guam International Airport Authority: (671) 646-0300-2  
AAFB Airfield Operations: (671) 366-5221

CNMI has three airfields: Saipan International Airport, Tinian Airport, and Rota Airport. The runways on all of the airfields can accept any cargo aircraft inventory, provide limited maintenance, and accept any commercial aircraft currently in service.

Saipan International Airport (670) 664-3500/01

Tinian Airport (670)

Rota International Airport (670) 532-9596/9497/9498

**5613 PRIVATE RESOURCES ON GUAM**

**5613.1 CLEANUP COMPANIES (BOA AND NON-BOA)**

There are numerous cleanup companies located on Guam. All of these are listed in the 1998 Guam telephone book yellow pages. Currently, MSO Guam has established BOA contracts with Energy Recovery Corporation (671-472-2845), Unitek Environmental Services, Inc. (671-565-3438/3151), and Pacific Environmental Resources, Inc. (671-477-7473).

**5613.2 MEDIA**

1. Newspapers. The Pacific Daily News is the main newspaper on Guam. Both the Navy and the Air Force publish weekly newspapers for internal public affairs.

2. Television. There are two television stations on Guam, KUAM channel 8 and KGTF channel 12. KGTF is a public TV station on Guam that does not produce a local news show.

3. Radio. There are several broadcast radio stations on Guam. Most are affiliated with TV stations or other radio stations. The stations that produce local news shows are: KUAM (FM & AM) and K-57 (AM).

KUAM: (671) 637-5826  
News Talk 57: (671)477-5700

**5613.3 FISHING COOPERATIVES AND FLEETS**

Approximately Thirty Five purse seiners and hundreds of small longliners call in Guam frequently to discharge cargo and take on stores. These vessels are home ported in Japan, Taiwan and the People's Republic of China.

Tuna Clipper Service Cabras: (671)477-2060  
Fax: (671) 477-6270

**5613.4 TRUCKING COMPANIES**

See the 2001 Guam telephone book yellow pages for this information.

**5613.5 ENVIRONMENTAL INTEREST GROUPS**

Marianas Audubon Society - concerned with wildlife issues.  
Audubon Society: (671)355-1110

**5613.6 VOLUNTEER ORGANIZATIONS**

**TO BE DEVELOPED**

**5613.7 MARITIME ASSOCIATIONS/ORGANIZATIONS/  
COOPERATIVES  
TO BE DEVELOPED**

**5613.8 ACADEMIC INSTITUTIONS**

Guam Community College (GCC)  
phone: (671) 735-4422

University Of Guam (UOG)  
phone: (671) 735-2990

**5613.9 EMERGENCY MEDICAL SERVICES**

The Guam Fire Department is responsible for managing the EMS on Guam, phone: (671) 477-3555.

**5613.10 STORAGE/DISPOSAL**

Naval Station Guam operates a 70,000 gallon sewage/waste oil barge that can be used for temporary purposes. There are no facilities on Guam that can process and dispose of hazardous waste or hazardous substances. GPA and the USN power plants can burn waste oil as fuel. Two companies, Energy Recovery Corporation and Unitek, provide waste oil removal and temporary storage services.

Procedures for transporting, storage, and disposal  
Permits required: GEPA permits only temporary storage of hazardous waste (90 days). There is no provision for issuing permits for long term storage. GEPA issues permits for open air burning of waste oil and debris.

**5613.11 TOWING COMPANIES**

There are two tug companies on Guam, Cabras Marine (472-1818) and Marianas Tug and Barge Company, commonly called "Guam Tug" (477-0174). They have the following equipment:

Cabras Marine

Tug Name	Length	HP	Other
Fitial	100'	3500	tractor type
Chamorro	98'	1800	towing winch
Stingray	98'	1600	single screw
Husky	98'	1600	single screw
Narwhal	98'	1200	single screw

Guam Tugs

Tug Name	Length	HP	Other
Barbara M	70'	800	twin screw
Francis J	100'	1800	twin screw
Sea Husky	110'	3200	twin screw

**5614 PRIVATE RESOURCES IN THE NORTHERN MARIANAS**

**5614.1 CLEANUP COMPANIES (BOA AND NON-BOA)**

There are numerous cleanup companies located on Guam. All of these are listed in the 1998 Guam telephone book yellow pages. Currently, MSO Guam/MSD Saipan has established BOA contracts with Energy Recovery Corporation (671-472-2845), Unitek Environmental Services, Inc. (671-565-3438/3151), and Pacific Environmental Resources, Inc. (671-477-7473).

**5614.2 MEDIA**

1. Newspapers. The following newspapers provide the primary news coverage for the CNMI:

Pacific Daily News  
Ph: (670) 234-6423

Saipan Tribune  
Ph: (670) 322-8747

Marianas Variety  
Ph: (670) 234-6341

2. Television. The following cable television stations provide news coverage for the CNMI:

KMCV Channel 7

3. Radio. There are several broadcast radio stations in the CNMI. Most are affiliated with TV stations or other radio stations off-island. The station that produces local news shows is KSAI (960 AM). The following radio stations provide news coverage for the CNMI:

KRSI (98 FM)

KPXP (99 FM)

KCNM (1053 AM)

KZMI (103.9 FM)

**5614.3 FISHING COOPERATIVES AND FLEETS**

Numerous purse seiners and hundreds of small longliners call on Saipan, Tinian, and Rota frequently to discharge cargo and take on stores. These vessels are home ported in Japan, Taiwan and the People's Republic of China. Currently there are no U.S. fishing fleets home ported in

the CNMI.

**5614.4 TRUCKING COMPANIES**

See the 1998 CNMI MTC telephone book yellow pages for this information.

**5614.5 ENVIRONMENTAL INTEREST GROUPS**

Marianas Audubon Society - concerned with wildlife issues.

Audubon Society: (671)355-1110

Protehi I' Tasi Ta'  
(Protect our Oceans)  
Northern Marianas College  
Ph: (670)235-1551

**5614.6 VOLUNTEER ORGANIZATIONS  
TO BE DEVELOPED**

**5614.7 MARITIME ASSOCIATIONS/ORGANIZATIONS/  
COOPERATIVES  
TO BE DEVELOPED**

**5614.8 ACADEMIC INSTITUTIONS**

Northern Marianas College  
Admin Ph: (670) 234-5498

**5614.9 EMERGENCY MEDICAL SERVICES**

The CNMI Department of Public Safety is responsible for managing the EMS on Saipan, Tinian, and Rota.

Saipan Ph: Emergency: 911

Tinian Ph: Emergency: 911

Rota Ph: Emergency: 911

**5614.10 STORAGE/DISPOSAL**

Currently the CNMI does not have any facilities that can process and dispose of hazardous waste or hazardous substances. CUC and the USN power plants can burn limited quantities of waste oil as fuel. Two off-island companies, Energy Recovery Corporation and Unitek Environmental of Guam can provide waste oil removal and temporary storage services.

DEQ and EPA permit only temporary storage of hazardous waste (90 days). There is no provision for

issuing permits for long-term storage. DEQ and EPA issue permits for open air burning and disposal of waste oil and debris. CRM requires a temporary permit for all emergency oil spill clean up operations and a permanent permit for all operations greater than 30 days.

**5614.11 TOWING COMPANIES**

There are two tug companies in the CNMI, Saipan Marine and Marianas Tug and Barge Company. They have the following equipment:

Saipan Marine Ph: (670) 322-7345

Tug Name	Length	HP	Propulsion
MACHO	45'	2200	twin screw
SNAPPER	45'	1200	single screw

Marianas Tug and Barge Ph: (670) 322-7788

Tug Name	Length	HP	Propulsion
LADY MARIANA	47'	2700	twin screw
DONJUAN TENORIO	48'	2200	twin screw

Barge	GT	Type
FRANCISCA	2000	unmanned freight

**5700 OPEN**

**5800 OPEN**

**5900 RESERVED**

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