



U.S. Coast Guard

Forces Micronesia



Sector Guam



Homeland
Security

United States
Coast Guard





Three Goals / Eleven Missions

Goals:

Maritime Safety

saving lives and
protecting property

Maritime Security

maintaining a secure
maritime environment

Maritime Stewardship

ensuring effective use of
waters & resources

Missions:

Coastal Security

Drug Interdiction

Migrant Interdiction

Defense Readiness

Law Enforcement

Marine Safety

Search and Rescue

Aids to Navigation

Living Marine Resources

Marine Environmental

Protection

Ice Operations



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CGFM Overview



CGFM Missions



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“Team” Guam Overview

- CGC SEQUOIA
- CGC OLIVER HENRY
- CGC MYRTLE HAZARD
- CGC FREDERICK HATCH
- Station Apra Harbor
- MSD Saipan
- ESD Guam
- Port Engineer
- Regional Exam Center
- Recruiting Office Guam
- CG Auxiliary Division
- Joint Rescue Sub-Center



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Surface Assets



Response Boat-Small II



Response Boat-Medium



Buoy Tender



Fast Response Cutter



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Air Assets



Distance to Guam	Nautical Miles
Palau	806
Pohnpei	1,024
Marshall Islands	1,462



MSD Saipan



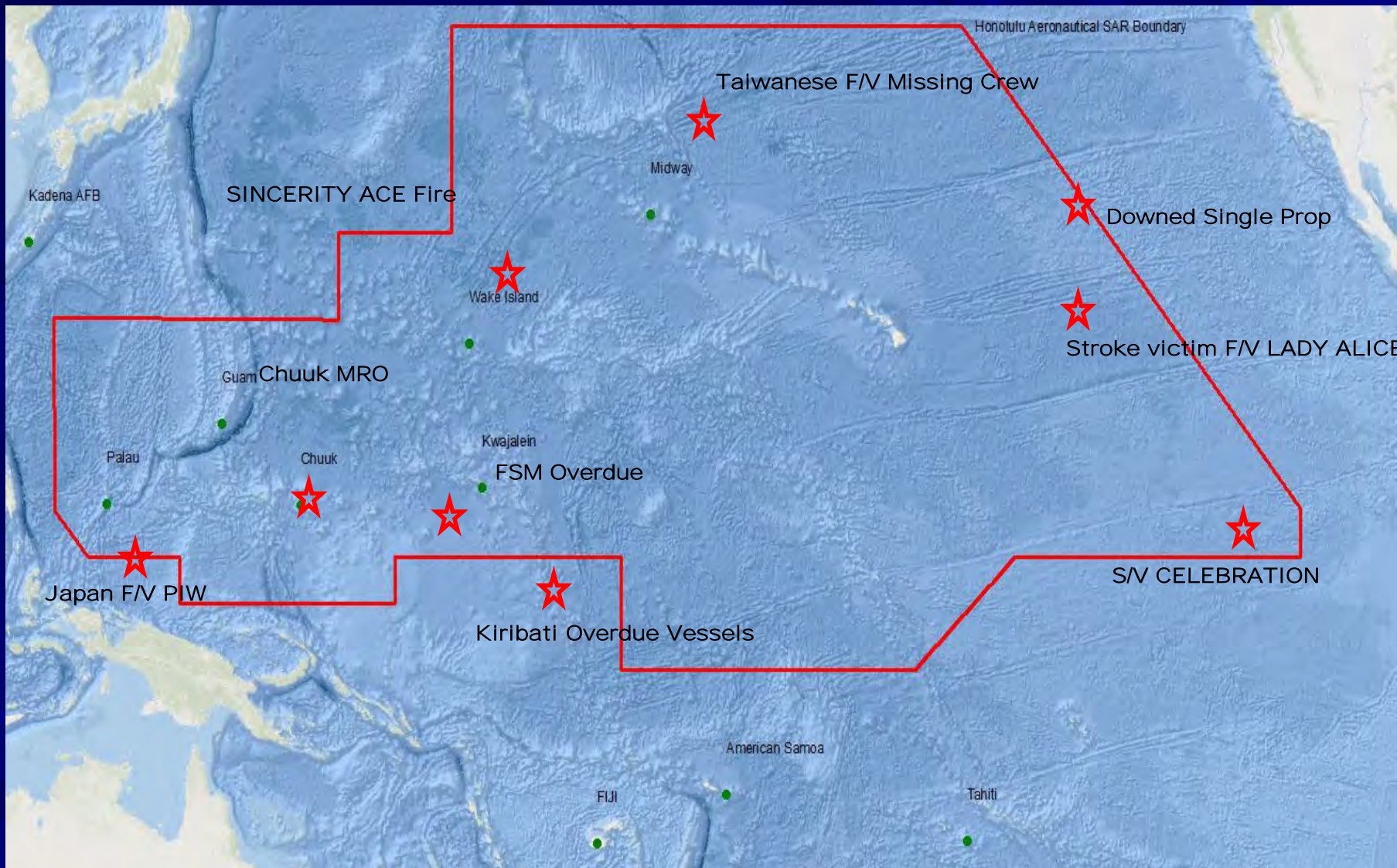
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Search and Rescue



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Marine Transportation System



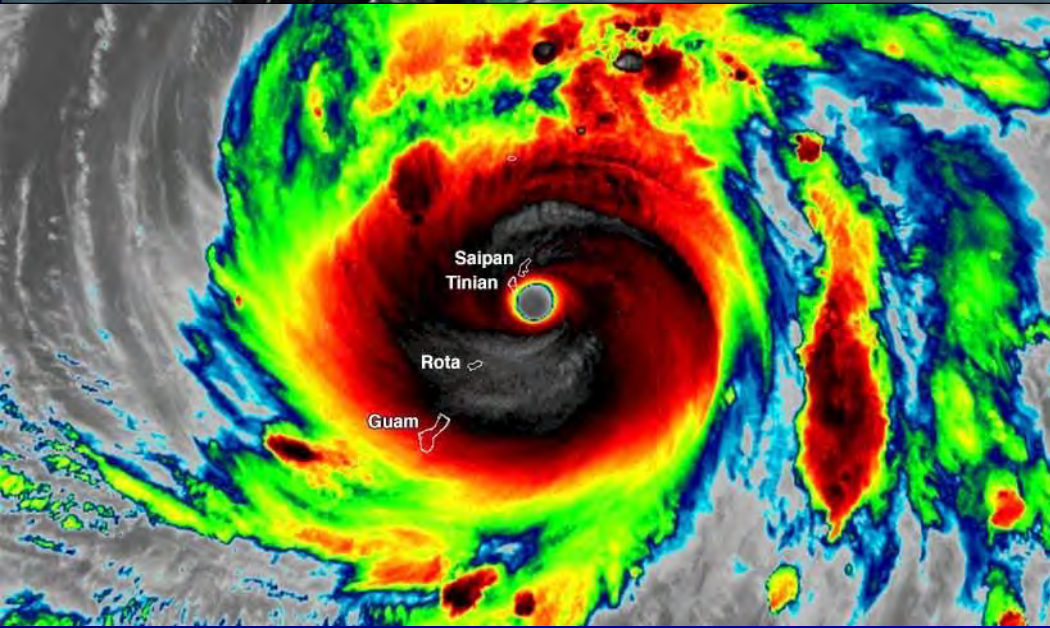


Law Enforcement





Response & Recovery



Cyber Security & USCG Role



Commandant
U.S. Coast Guard

2703 Martin Luther King Jr. Ave
Washington, DC 20593-7618
Staff Symbol: CG-FAC
Phone: (202) 372-1107

COMDTPUB P16700.4
NVIC 01-20
February 26, 2020

NAVIGATION AND VESSEL INSPECTION CIRCULAR NO. 01-20

Subj: GUIDELINES FOR ADDRESSING CYBER RISKS AT MARITIME
TRANSPORTATION SECURITY ACT (MTSA) REGULATED FACILITIES

Ref: (a) Title 33 of the Code of Federal Regulations (CFR) Subchapter H, Maritime
Security

1. **PURPOSE.** This Navigation and Vessel Inspection Circular (NVIC) provides guidance to facility owners and operators in complying with the requirements to assess, document, and address computer system or network vulnerabilities. In accordance with 33 CFR parts 105 and 106, which implement the Maritime Transportation Security Act (MTSA) of 2002 as codified in 46 U.S.C. Chapter 701, regulated facilities (including Outer Continental Shelf facilities) are required to assess and document vulnerabilities associated with their computer systems and networks in a Facility Security Assessment (FSA). If vulnerabilities are identified, the applicable sections of the Facility Security Plan (FSP) must address the vulnerabilities in accordance with 33 CFR 105.400 and 106.400.

2. **DISCLAIMER.** This NVIC is intended only to provide clarity regarding existing requirements under the law. It does not change any legal requirements, and does not impose new requirements on the public. Not all recommendations will apply to all facilities, depending on individual facility operations. Facility owners and operators may use a different approach that has greater or lesser complexity than this NVIC recommends, if that approach satisfies the applicable legal requirements (*i.e.*, this NVIC does not represent a minimum requirement for compliance).

3. **ACTION.**

a. Enclosure (1) provides a list of existing MTSA regulatory requirements that may apply once a facility owner or operator identifies computer system and/or network vulnerabilities in

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	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
A	X	X	X		X										X									X		
B																										
C					X																					
D				X							X															X
E					X								X						X							
F																										
G																										
H							X				X															

NON-STANDARD DISTRIBUTION

GUAM

CAPTAIN OF THE PORT ZONE

MARINE TRANSPORTATION SYSTEM (MTS) CYBER IMPLEMENTATION PLAN

APRIL 2022

SANTA RITA, GUAM



Real World Cyber Incident

- Actual Cyber Incident Occurred June 2021 in this COTP Zone
- Resulted in published MSIB
- *Cyber Incident Reporting is Compulsory*

On main page, scroll down until you see “MSIB” section.



HOMEPORT
US DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD

Missions Port Directory

Hide COTP Details

Captain of the Port Details

SECTOR GUAM (14-33296)
PSC-159 85X TR
FPO (GJ)
Primary Phone: 671-355-4888
Emergency Phone: 671-355-4821/4822
Fax Number: 671-355-4588
Rescue 21 WRF DSC MMSI Number:

Response Phone: 671-355-4537
Incident Mgmt. Phone: 671-355-4815
Enforcement Phone: 671-355-4839
Prevention Phone: 671-355-4836
Inspection Phone: 671-355-4862
Investigations Phone: 671-355-4944
Waterways Management Phone: 671-355-4835
PargPlanning Phone: 671-355-4914/4963
Facilities Branch Phone: 671-355-4893
Commercial Fishing Vessel Phone: 671-355-4868
Foreign Vessel Exam Phone: 671-355-4888
Facility Inspection Branch Phone: 671-355-4950

National Response Center Number: 800-424-8802 - Contact the NRC for oil spills, hazmat releases, and America's Waterway Watch

Port	Port Status	Comments	Last Changed
APRA HARBOR	Open		2021-08-17
ROTA HARBOR	Open		2021-08-17
SAIPAN	Open		2019-11-27
TINIAN	Open		2019-11-27

Showing 1 to 4 of 4 entries

Previous 1 Next

COTP MARSEC Level

Modified: 2017-10-05

USCG Sector Guam MTS Recovery Plan (2019)

- > Safety Zones
- > COTP Orders
- > MSIB

MSIB 05-21 Cybersecurity & MTSA
Attachment (1) to MSIB 05-21 Cybersecurity & MTSA
MSIB 04-21 Port State Control Cyber-Spoofing Attempt
MSIB 02-21 Dead Ship Movements



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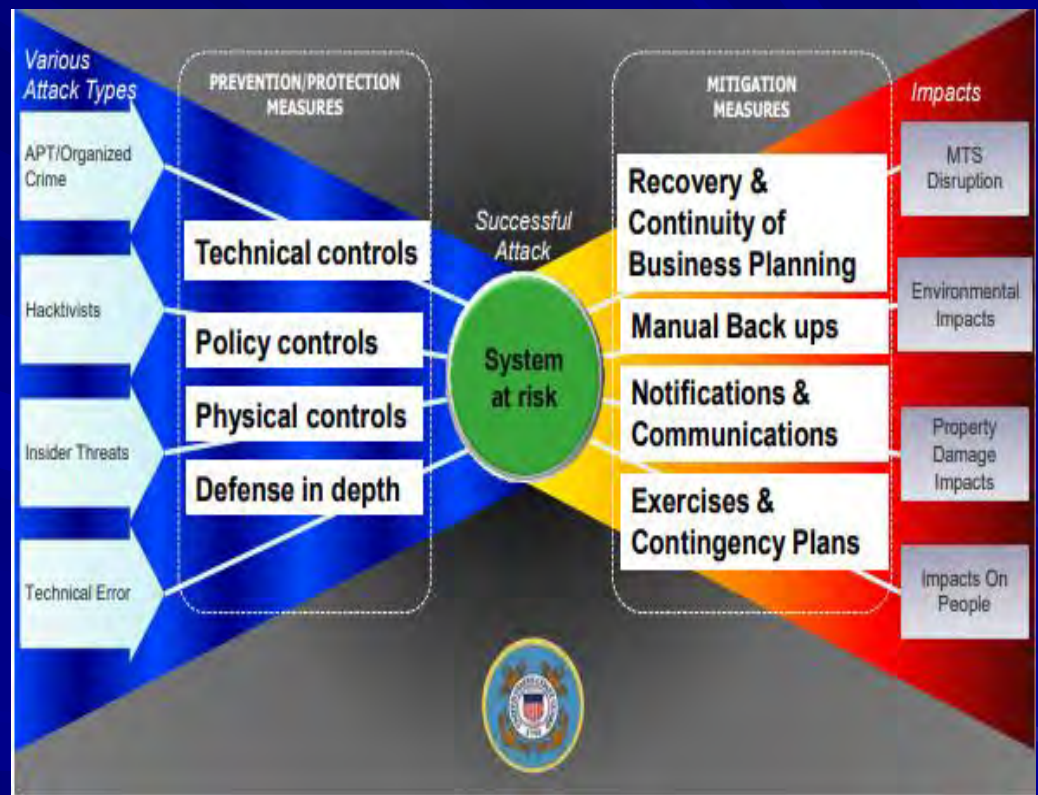


Managing Cyber Risk

Cyber Risk Bowtie Model

- Risk Assessment- Identify vulnerabilities and the consequences
- Risk Mitigation- Select risk mitigation strategies
- Risk Management- Incorporate procedures into policy and operating requirements.

This is a continual process



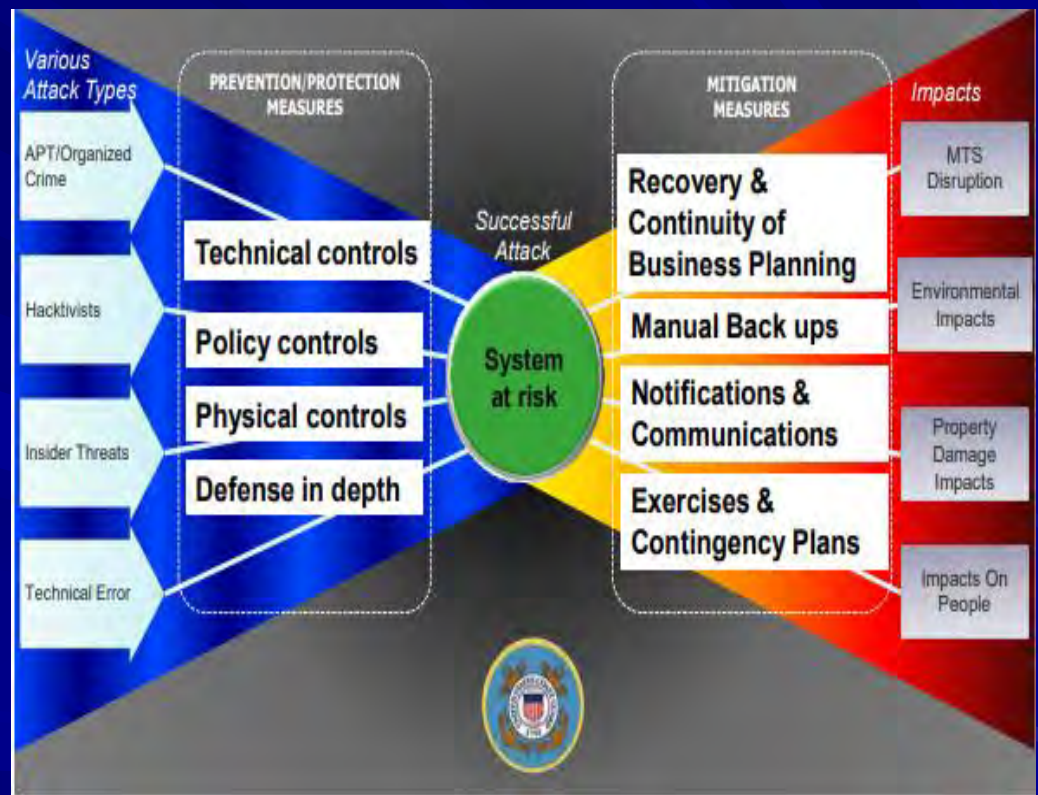


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HOMELAND SECURITY

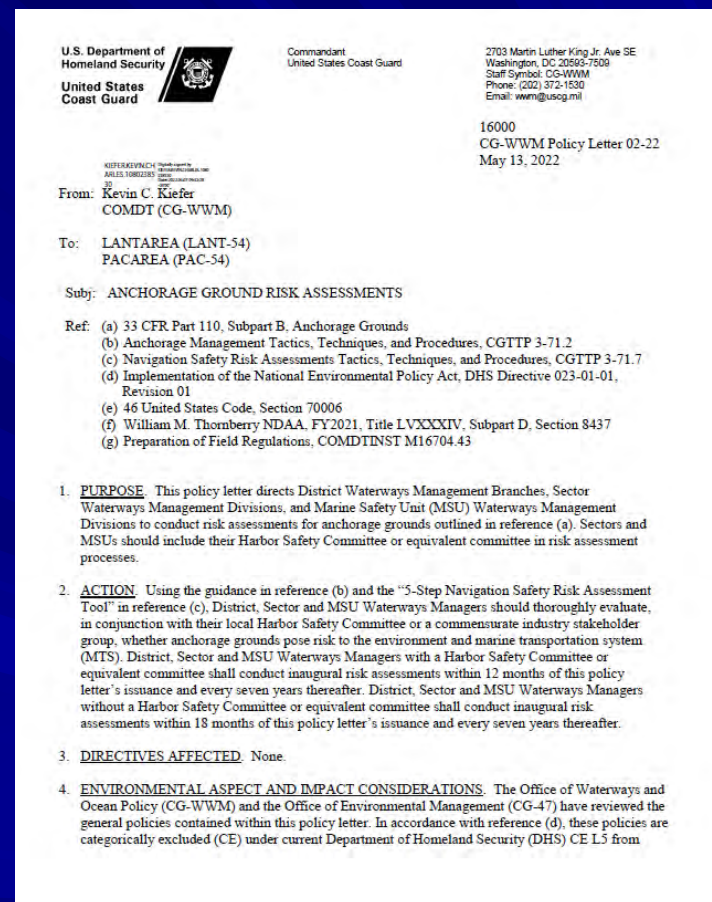
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Designated Anchorages

- In the coming months, all Sectors will conduct a risk assessment of anchorage grounds listed in 33CFR110 and forward for review.
- Goal is to determine if anchorage grounds pose risk to environment or the MTS
- We will work with local Harbor Safety Committees or equivalent to conduct 5 step risk assessment:
 - Navigational safety
 - Marine environment protection
 - Pipelines, cables, tunnels, proximity assessment
 - Safe and efficient use of MTS
 - U.S. national security





Broadcast Notice to Mariners

- In addition to the traditional BNM transmissions over the radio at scheduled intervals, CG will also list all:
 - BNMs
 - Bridge Conditions
 - Safety Messages
 - Navigation Rules
 - Local Notices
 - Light Lists
- Navcen.uscg.gov (click on BNMs link)
- [District 14](#)
- [Broadcast Notice to Mariners Search | Navigation Center \(uscg.gov\)](#)

The screenshot shows the 'Navigation Center' website for the United States Coast Guard, U.S. Department of Homeland Security. The page is titled 'D14 Broadcast Notice to Mariners Search'. It features a search form with the following sections:

- 1) Select Message Originator(s)**: Includes radio buttons for 'District Office' (D14) and 'Sector Office' (Guam, Honolulu).
- 2) Select Dates**: A date input field.
- 3) Click Submit to Search Messages**: Includes 'Submit', 'Reset Form', and 'New Search' buttons.

A map of the District 14 Sector Boundaries is displayed in the center of the page. The left sidebar contains a 'Resources' menu with various links like 'Maritime Safety Information', 'Local Notices to Mariners', 'Light Lists', etc.



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Port Security Grant Program

- PSGP is authorized by the Maritime Transportation Security Act.
- Eligible applicants include port authorities, facility operators, and state and local government agencies.
- FEMA administers program. CG provides support to FEMA in reviewing of how projects support PSGP priorities and their effectiveness in addressing Area Maritime Security Plan priorities.
- **FEMA makes the recommendation on award amounts. SEC DHS makes the final decision.**
- \$100M is appropriated annually for this program.



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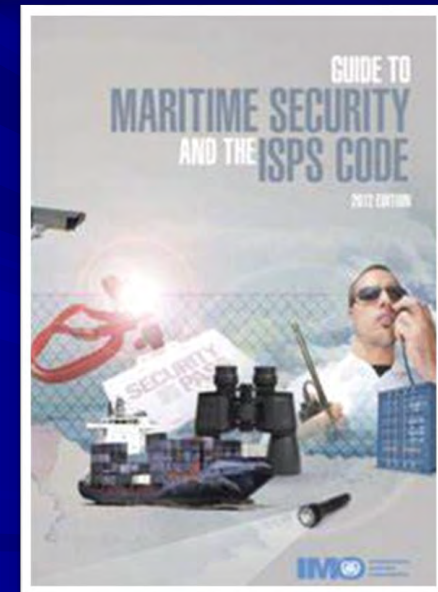
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Int'l Port Security Program

- Designed to evaluate/enhance security in foreign commercial ports
- USCG IPS Program Locations
 - United States (Washington DC & Virginia)
 - The Netherlands
 - Japan (FEACT) – 41 countries
- ~60 USCG officers and civilians in the program
- ~145 maritime trading countries
- Program established 2004



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Partnerships





U.S. Embassy - Port Moresby, Papua New Guinea's posts

 U.S. Embassy - Port Moresby, Papua New Guinea updated their profile picture. 5h · 🌐




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Questions?



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