

U.S. Coast Guard CBRN Enhancements

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Discussion Points

- What's going on within the USCG *generally* regarding CBRN-D—quick overview
- Collective Protection Initiatives

CBRN Mission(s)

□ Two Mission Requirements

➤ Expeditionary CBRN mission

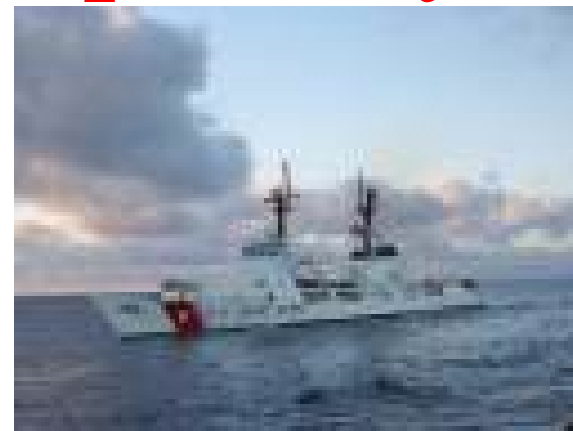
- Working for Navy component commander in theater, complete synergy/interoperability:
- Threat: **CBRN exclusively**
- Following Joint / Navy Doctrine, utilizing DOD sensors, IPE and DECON equipment

CBRN Mission(s)

➤ Maritime Homeland Security/Defense

- Working for CG Operational Commander, with Federal and State inter-Agency, and USNORTHCOM
- Threat: TIC + CBRN
- Following Federal (NRP/NIMS, DHS HLS Strategy) and CG Guidance (Maritime HLS Strategy/Implementation Plan + CI 3400.3, Jan, 2004)

Developing CBRN Capability



- Ships:

- Legacy cutters

CMWWDS, DECON lockers, IPE being re-stocked, warfare Doctrine being updated, new RADIACS purchased and being shipped, CBRN training from Navy being reinstated

- "New Deepwater" cutters

CMWWDS, DECON Lockers, IPE, new ROC/POE, warfare Doctrine, Zone 1 COLPRO Sys, Joint Program Sensors / IPE / Decon equipment

Developing CBRN Capability

- Small boats: DTMD



- Aviation:

- **Legacy**: Fixed / rotary wing

(100 sets NAVAIR IPE purchased, distributed to select CONUS CGAS; training occurring w/new gear)

- **“Deepwater”**: Fixed / Rotary wing/ UAV’s

(Joint Program IPE and sensors for both CBRN / TIC)

Developing CBRN Capability

- Port Security/Harbor Defense (SPOE/ SPOD's):
 - PSU's: (8) OCONUS *Expeditionary* / **SPOD**
Unit for port security/harbor defense

Full DOD interoperable Equipage (sensors, IPE, DECON)



- MSST's: (12) INCONUS *MHLS/D* **SPOE**
mission. Full DOD MOPP gear; Dets within MSST will be capable of at sea detection and interdiction in CBRN environment

Developing CBRN Capability

- USCG Strike Teams (3): Fully CBRN capable and experienced (INCONUS focus, but deployable).
 - Atlantic* (Fort Dix, NJ)
 - Gulf* (Mobile, Alabama)
 - Pacific* (Sacramento, CA)



(Worked “Ground Zero”(HAZMAT) on Sept. 11th, plus Anthrax cases at Hart Senate office building and Globe facility at W. Palm Beach, FL)



Developing CBRN Capability

- Training:



- **CG-wide:** (*under development*)

- **Unit:** PSU's, MSST's, large cutters, *select* air stations, all deployed assets (WHEC's, WPB's,)

- **Individual:** *select* Program Managers at Areas and at CGHQ (by the JRO); cutter DC E-7/E-6's, DCA's @ FLW; new DC E-4's at CGTRACEN Yorktown, VA.



Developing CBRN Capability

- Exercises:

- TOPOFF* 2 (CCGD 13)

- Determined Promise* –'04 (MSO Hampton Roads, VA)

- Ardent Sentry*'-05/ *TOPOFF* 3: New London, CT
+ New Jersey

- Northern Edge*'-05 (CCGD 17)

- Vigilant Sentry*'-05 (MSO Mobile, AL)

Developing CBRN Capability

- RDT& E:
 - **DHS S&T**: working HE, Radiation and Bio programs aggressively.
 - **R&D Center**: working RAD/Nuke at sea boarding team tools and harbor approach detection.
 - **Joint CBRN Program**: (*under development*). DHS and JPEO developing MOA to synergize RDT&E efforts on CBRN



Deepwater Surface Assets



Deepwater Surface Assets



Deepwater Aviation Assets



Collective Protection Initiatives



Overarching Capability

New “Deepwater” cutters

CMWWDS, DECON Lockers, IPE, new ROC/POE, warfare Doctrine, Zone 1 COLPRO Sys, Joint Program Sensors / IPE / Decon equipment



COLPRO

- National Security Cutter/ “Maritime Security Cutter-Large” (WMSL)



- “USN-Zone 1 Capability” (C3, Weps and some Berthing Spaces), Main Deck to the 02 level

Conclusions

United States Coast Guard:

A “Multi-Mission, Maritime, Military Service”



Questions ?