

# U.S. Coast Guard

## UNC-Chapel Hill

### Pollution Response Briefing

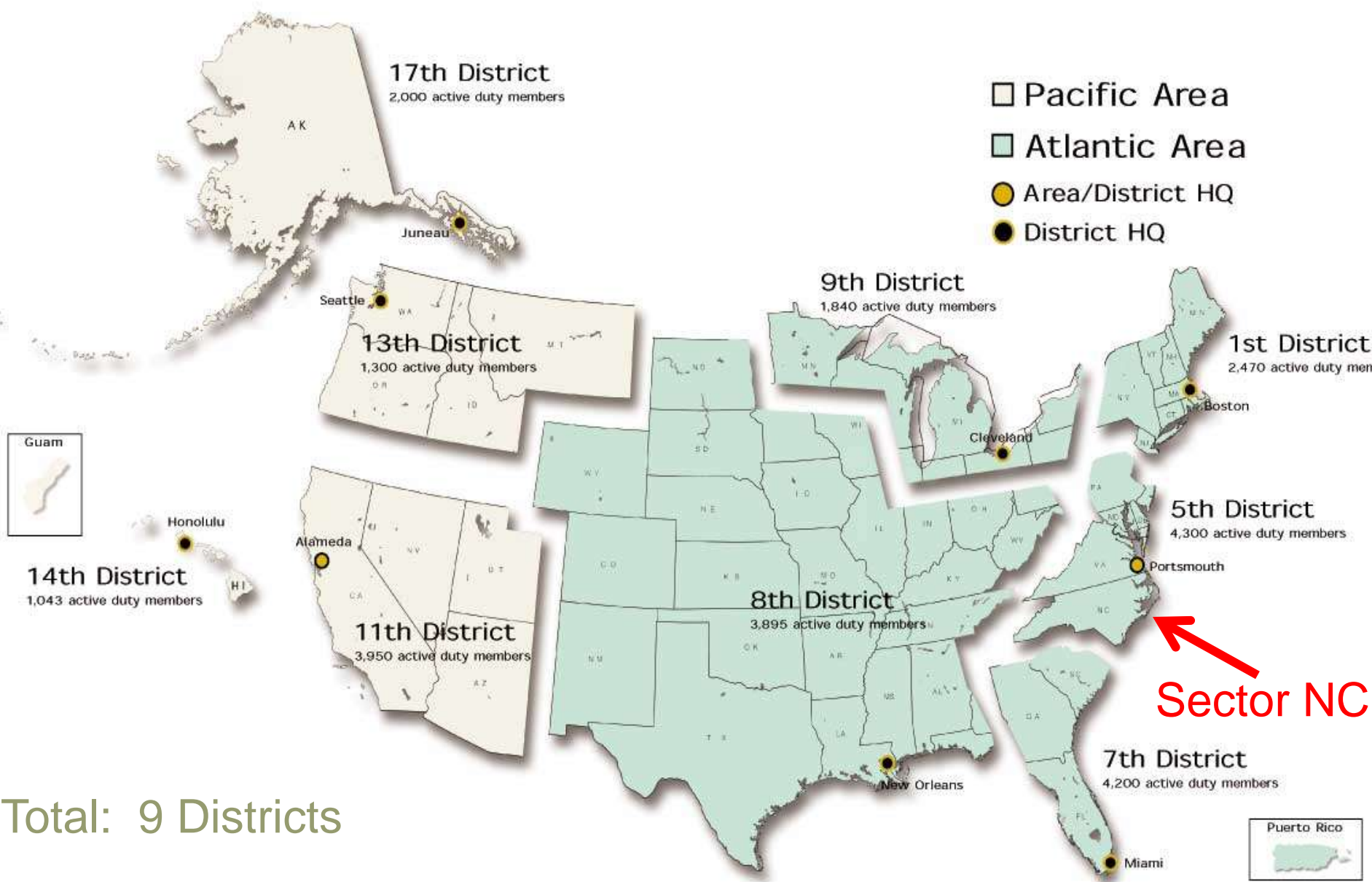


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# Agenda

- Introduction
- CG/Sector NC structure & assets
- COTP/FOSC Authority
- USCG Pollution Response





Total: 9 Districts

# USCG Sector North Carolina



Homeland  
Security

*Captain Anthony Popiel*



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# Sector Commander's job ...

- Command, Control and Support for all CG units under his purview
  - 519 people assigned to Base/Sector North Carolina,
  - 9 multi-mission Boat Forces Units,
  - 2 Aids to Navigation teams,
  - 4 Cutters,
  - 1 Marine Safety Unit.



# Positions & Authorities

- **Captain of the Port:**
- Overall port safety & security, Marine Environmental Protection including water pollution regulations
- All harbors, waterfront facilities, safety and security zones, & deepwater ports.
- **Federal On Scene Coordinator (FOSC):**

Primarily responsible for directing response efforts

Ensures effective removal of discharged oil or hazardous substances into U.S. navigable waters, adjoining shorelines, or into/on the waters of the Excl. Econ. Zone.



# Regulatory Authorities

- Sector North Carolina Theatre Commander for Operations
- Two Captain of the Port & Federal On Scene Coordinator Zones
  - Sector North Carolina - Waterways of North Carolina
  - MSU Wilmington - Cape Fear River Zone

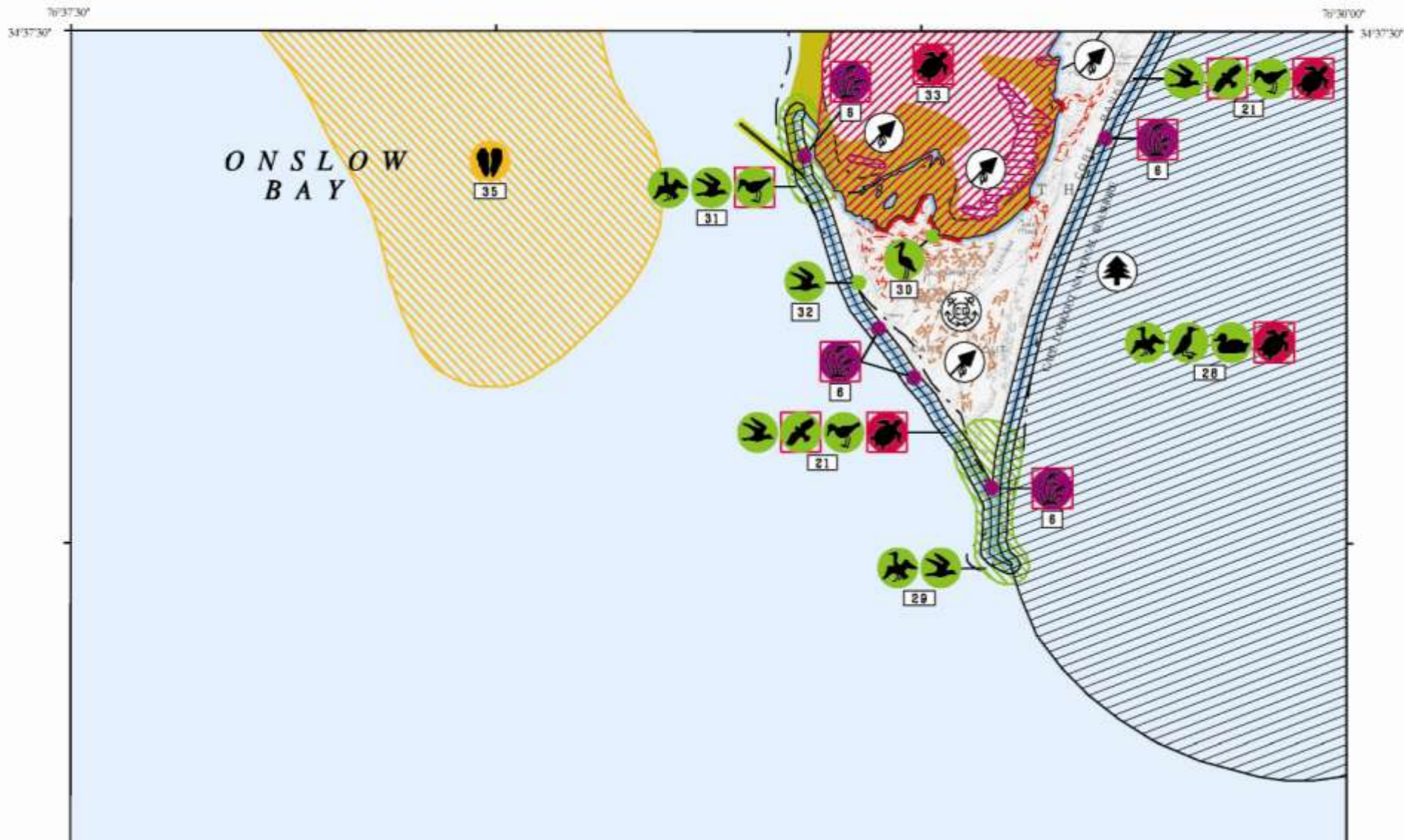


# Area Contingency Plan

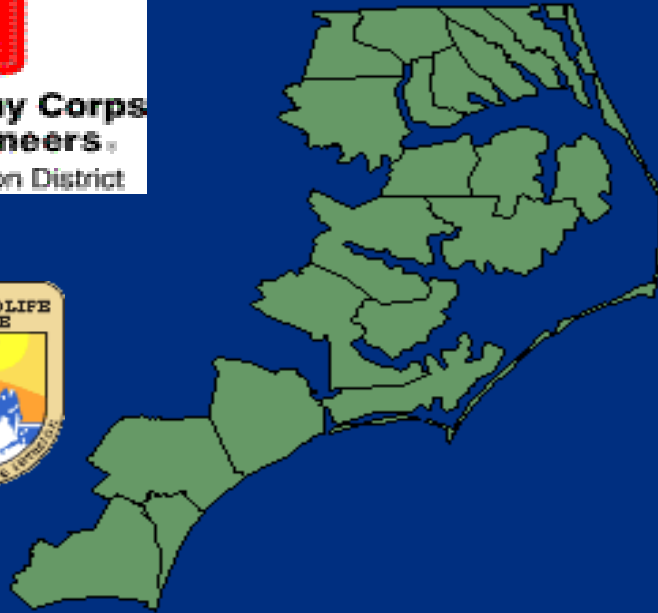
- Establishes protocols for use of Incident Command System
- Describes roles & responsibilities of various responders
- Identifies economically and environmentally sensitive areas
- Pre-identifies strategies for response including booming, dispersants, and burning
- Contains procedures for notification & resource lists
- Establishes purpose of the Area Committee



# ENVIRONMENTAL SENSITIVITY INDEX MAP



# ACP Participating Agencies



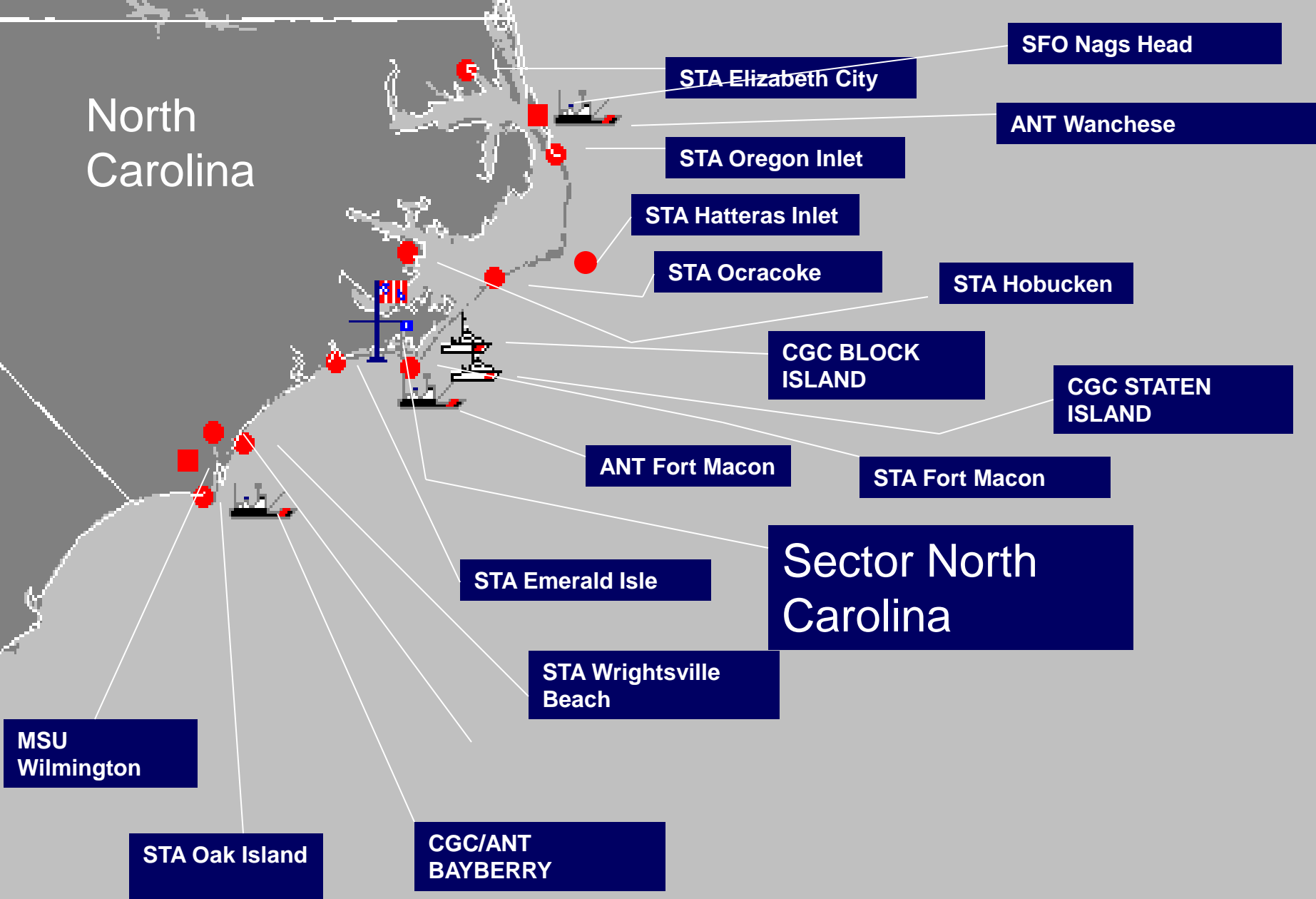
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# Large Incidents

- Partnerships are key!
- Most incidents are relatively small, but in the event we see “the BIG one” .....
- ICS & the Unified Command
- Mgmt of resource needs.....



# North Carolina



SFO Nags Head

STA Elizabeth City

ANT Wanchese

STA Oregon Inlet

STA Hatteras Inlet

STA Ocracoke

STA Hobucken

CGC BLOCK ISLAND

CGC STATEN ISLAND

ANT Fort Macon

STA Fort Macon

Sector North Carolina

STA Emerald Isle

STA Wrightsville Beach

MSU Wilmington

STA Oak Island

CGC/ANT BAYBERRY

# 2009 Statistics - Response

- **SAR Cases: 589**
  - **Lives Saved: 155**
  - **Lives Lost: 16**
  - **Lives Assisted: 651**
- **LE Boardings: 3,526**
  - **BUIs: 22**



- **Pollution Investigations: 205**



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# CGC ELM

- 225 WLB – Seagoing Buoy Tender – ATON/SAR/LE
- CGC ELM Currently deployed to Gulf region
- (LANTAREA Asset)



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# Vessel of Opportunity Skimming System “VOSS”



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# VOSS

- VOSS system on CGC ELM is one of 19 pre-staged throughout the country.
- Used to augment industry
- Can skim 190 gallons per minute





# Sector NC Assets/Equipment

- WPB 110 – Short Range Surface
- CGC BLOCK ISLAND & CGC STATEN ISLAND currently in Sec NC Inventory at Atlantic Beach, NC



# Sector NC Assets/Equipment

- 47 ft Motor Lifeboat – 30 ft seas / 50 KT winds
- Located at Stations:
  - 2 –Oregon & Hatteras Inlets (Surf),
  - 2- Fort Macon (Hvy Wx)
  - 2-Oak Island (Hvy Wx)
- 41 ft Utility Boat – 10 ft seas / 30 KT winds
- Located at Stations: Hobucken, Wrightsville Beach
- **POLLUTION TRAILERS**



# SURF!



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# Sector NC Assets/Equipment

- WLIC – Inland Buoy Tender
- 100 ft Tug and 70 ft Barge
- CGC SMILAX currently in inventory at Atlantic Beach, NC



# CG Equipment

- 55 ft Aids to Navigation boat
- Used to conduct light aids placement as well as small structure building.
- One vsl currently in inventory located at Atlantic Beach



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# USCG Aircraft

- HC-130 – Long Range SAR/LE/Maritime Domain Awareness Platform (LANTAREA Asset)
- HH60 – Medium Range SAR/LE/Maritime Domain Awareness Platform



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# Surge Assets

## Nat'l Strike Force:

### STRIKE TEAMS (3 total)

- NSF units are specially trained teams that are available to assist on-scene coordinators in their preparedness and response duties.
- Able to respond within 24 hours to a WMD / Pollution / Hazmat incident around the country and within 72 hours throughout the world.



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# USCG Pollution Response Classifications

<u>Class</u>	<u>Coastal</u>	<u>Inland</u>
Minor	Less than 10k gal	Less than 1000gal
Medium	10k – 100k gal	1000 – 10k gal
Major	100k gal or more	10,000 or more

FYI...**\*\*\*Discharge vs. Release\*\*\***

Discharge = Oil / Release = hazardous substance



# Pollution Laws Enforced

- Federal Water Pollution Control Act (FWPCA)
- Clean Water Act (CWA)
- Oil Pollution Act 1990 (OPA 90)
- Comprehensive Environmental Response, Compensation, & Liability Act (CERCLA)
- Superfund Amendment & Reauthorization Act (SARA)
- Refuse Act
- FWPCA is the primary law for investigating spills.



# Positions & Authorities (cont)

- **FOSC(r)** duties...basically the eyes & ears of the FOSC. May report to the scene dependent on the scenario.
- Can make recommendation & initiate process to “open the fund”...
- Will monitor spend rates & the need for add'l funds for small events....but this task may fall onto the Finance Section if Incident Command Structure is initiated.



# Pollution Investigator

- "Boots on the ground"
- Acts on behalf of the FOSC
- Conducts the preliminary assessment, ie. Magnitude & severity, recoverability, i.d. potential RPs
- Evidence collection
- Makes recommendations & initiates courses of action including use of CG assets personnel, consumables, hard boom, boats/aircraft...or use of contractors.
- Issuance of "NOFI" (just interested) or "NOV" (monetary ticket)



Good Samaritan/Party of Interest

National Response Center (NRC)

NOAA

USCG District

Local FD

USCG ICC

DHS NOC

DOT Crisis Info Ctr

State EM

County EM

EPA Region

USCG Sector NC

Local HAZMAT

NC DNR

Regional Response Team

CERT Team

OSROS

RRT

FWS

State ERT

Response Agencies

OSROS

State EPA

State Parks

Unit Assets

Unit Assets

Unit Assets

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# Notification...”It’s the law”

- 33 CFR 153.203 basically states that...
- Any person **in charge** of a vessel or of an offshore facility, as soon as they have knowledge of any discharge of oil or a hazardous substance from that vessel or facility, shall report it to the Nat’l Response Center at.....

1-800-424-8802

