

U.S. Coast Guard Atlantic Strike Team



“Capabilities Brief”

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Operations Officer, Atlantic Strike Team



Homeland
Security





National Strike Force

Anytime, Any place, Any hazard



Elements of the National Strike Force

- National Strike Force Coordination Center (NSFCC)
- Public Information Assist Team (PIAT)

- 3 National Strike Teams

- Atlantic Strike Team (AST)
- Gulf Strike Team (GST)
- Pacific Strike Team (PST)
 - Over 200 Active Duty and Reserves
 - Standardized response equipment
 - Highly trained and experience personnel
 - 24/7, 365 recall status

- **A 36 year history:**

- The National Strike Force (NSF) was established in 1973 as a direct result of the Federal Water Pollution Control Act of 1972.
- The NSF's role and responsibilities in supporting the National Response System have expanded under subsequent major environmental legislation, including the Clean Water Act of 1977, the Oil Pollution Act of 1990, the National Response Plan and numerous Presidential Directives.
- The NSF was incorporated within the U.S. Deployable Operations Group (DOG) in July 2007



NSF/Strike Teams Case Load

- **Average Case Load:**
 - 35-40 cases per team
 - 60% Chemical Responses
 - 40% Oil Responses
 - Personnel average
 - 140+ days deployed per year



RESPONSE POLICY

- **NSF Response Standards:**
 - 4 members dispatched immediately
 - 10-person Hazmat Team and Heavy equipment on the road within 2 hours
 - We can call on other Strike Teams (PST or GST) for additional support
- **Can Advise/Recommend Additional Federal Specialized Resources When Needed**
 - DOE's Rad Assessment Program Teams (RAP)
 - NOAA's Scientific Support Coordinators
 - EPA's Emergency Response Team
 - Navy Supervisor of Salvage (SUPSALV)
- **Facilitate Interoperability**
 - Use standard and specialized equipment
 - Law Enforcement / Emergency Management
 - State / Federal Agencies
 - Military (Incl. National Guard Civil Support Teams)

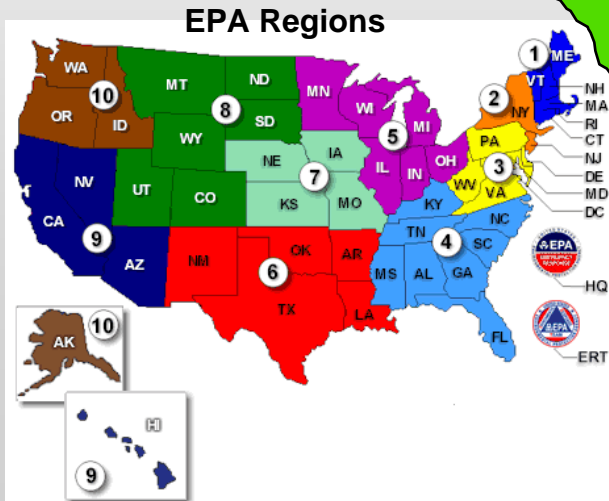
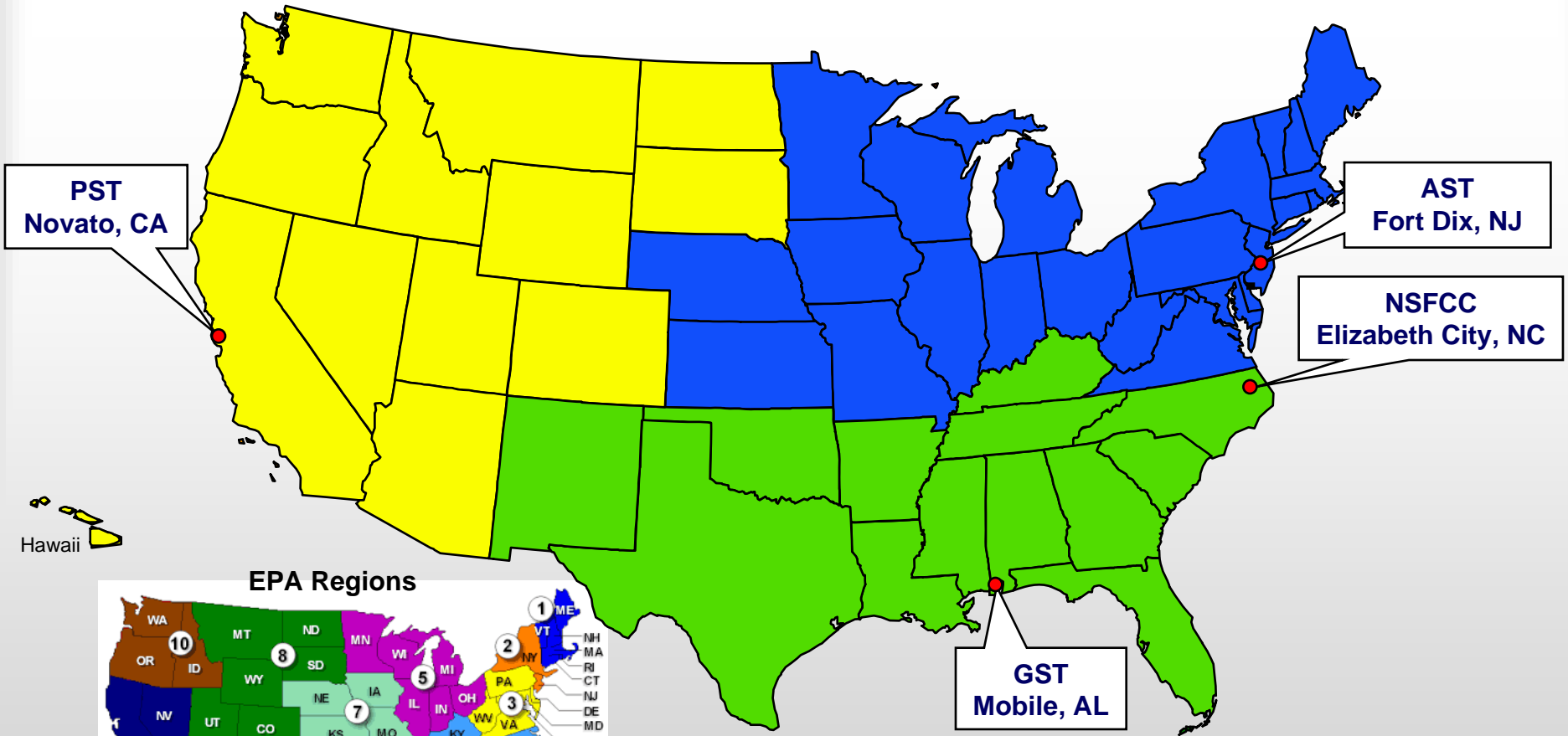


AST Facilities – Ft. Dix, New Jersey

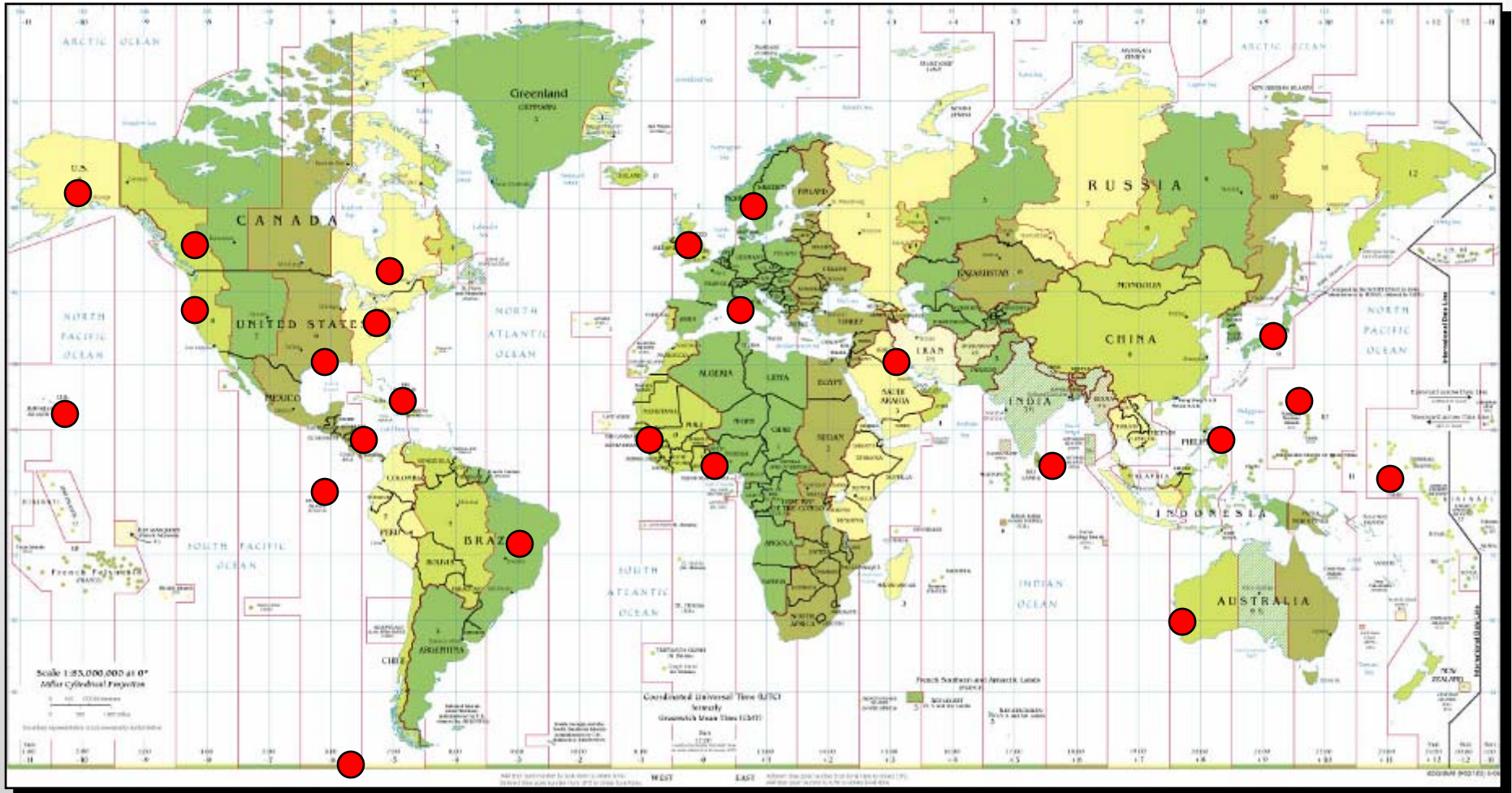




NSF Area of Responsibility



NSF International Response AOR



A sampling of NSF support in the International environment

National Strike Force Mission

What We Do:

- Incident Command / Response Management Support
- Oil and Hazardous Chemical Response
- WMD Response including Radiological and Bio-Terrorism incidents
- Preparedness Exercise & Event Planning Support



Response Management Support

- Provide fully deployable ICS capability
 - Can be tailored to fit any size of response
 - Can be used in any type of event
 - Oil, Hazmat, WMD, Natural Disaster
 - Provide/support mobile command post for communications and response management operations
 - Command elements can serve as Incident Specific FOSC
 - Serve as FOSC representative
 - Logistical support, management, and coordination
 - Evidence collection support
 - Resource/cost documentation
 - Modeling/trajectory - provide and use for decision making
- **Mobile Incident Command Post (MICP)**
 - 1 unit at each Strike Team
 - Deployable by road or C-5 aircraft
 - Fully self-contained:
 - Power, heat, air conditioning
 - Communications:
 - UHF, VHF, cell phones, computers, 32 phone lines, & 2 TVs



MICP

ICS



Site Safety and Monitor Services

- Site assessment and characterization
- Site Safety Plan development and enforcement
- Safety protocol development and implementation
- Supervise/monitor contractors
- Hazard identification (physical, chemical, environmental, radiological)
- Air monitoring for primary & secondary hazards
- Weather monitoring
- Multi-media sampling (air, water, soil)
- Emergency Medical Technician Support
- Medical monitoring
- Medical countermeasures for responders
- Isolate contaminated areas & support efforts to deny entry to unauthorized personnel



Oil Spill Response

Support and coordinate containment, removal, and disposal of discharges of oily substances, pollutants and contaminants that may pose unacceptable risks to the safety of the general public or that may potentially damage the environment.



WMD/HAZMAT Response

- Air & Road Response Ready Loads
 - Self Supportive 10-Person HAZMAT Team
 - 2-3 days before needing re-supply
- Carries required PPE to safely assess, mitigate, control, and remove hazards
- Containment/Decon Capabilities
- Remote Sensing Capabilities



23-ft Hazmat trailer can be deployed via vehicle or C-130 aircraft



Hazards Mitigation and Source Control

- Level A, B, & C capabilities (full hazmat team capable)
- Entry, Backup and Decon for responder
- Pre-stage equipment for threats of release
- Safe salvage & transfer operation oversight
- Damage control assessment/assistance (Railcars, containers, IMO tanks, tank trucks)
- Plugging/patching (Chlorine Kits)
- Lightering/pumping
- Waste characterization and disposal advice and coordination



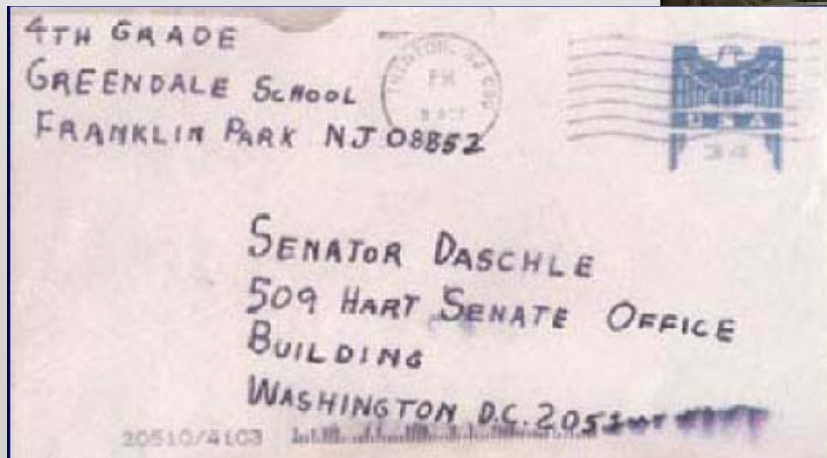
WMD / RAD

- Natural extension of HAZMAT response – Crime Scene
- Field presumptive detection for chemical warfare agents
- Radiation detection instruments for alpha, beta, gamma and neutron (include isotopic identification)



Biological Response Capabilities

- **Field presumptive detection capability**
 - Multi-media sampling (air, water, soil) for laboratory analysis and conduct
 - Presumptive on-site field testing for initial response actions (Guardian BTA/Smart Tix)
- **Conduct**
 - Site assessment and characterization
 - Mitigation
 - Source control
 - Hazard removal



All Hazard Detection & Sampling

32 Foot Utility Boat



Confined Space Entry



Mini-ANDROS II Robot



Real World Experience: World Trade Center



***Air
Monitoring***

***Damage
Surveys***



Command & Control

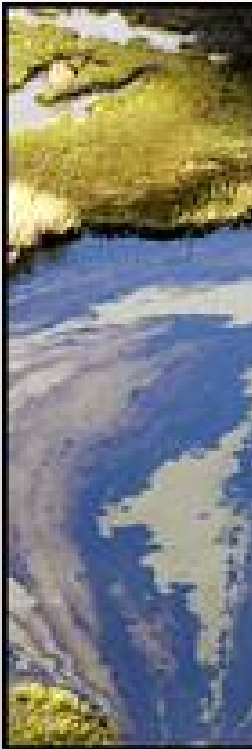


Health & Safety

Real World Experience:

Hurricanes Katrina, Rita, Gustav, & Ike

More than
8.5 million
total
gallons
spilled



Real World Experience: U. S. Capitol Incidents

Anthrax & Ricin Threats



Real World Experience: Anthrax – 31 Downing Street West Village, NYC



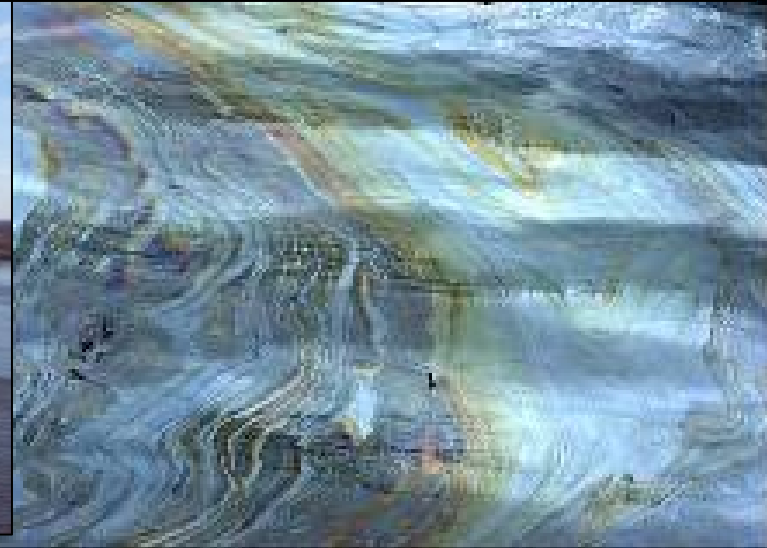
Real World Experience: Anthrax Decon- Danbury, CT



...of his protective suit on Friday after being discarded and used during the process of removing anthrax spores from Danbury.



Real World Experience: Athos I Response (Delaware River)



Real World Experience: Diaz Chemical – Holley, NY



Real World Experience: Binghamton Floods



Real World Experience: Container Ship Rio Puelo



Real World Experience: National Special Security Events

2009 POTUS Inauguration
Democratic and Republican National
Conventions



Real World Experience: US Airways plane down in Hudson River



DOG

DEPLOYABLE OPERATIONS GROUP

THE FIRST YEAR OF THE DOG



MSRT



MSST



PSU



**STRIKE
TEAMS**



TACLET



**NAVAL COASTAL
WARFARE**

Force Package / Joint OPS



Point of Contact

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