

US EPA ARCHIVE DOCUMENT



More Than 30,000  
Environmental Emergencies  
Occur Each Year  
**Are You Ready?**

U.S. National Response Team



# Activities



## Graniteville remembers deadly train wreck and chlorine spill



January 6, 2005, a deadly train wreck and chlorine spill in Graniteville, SC that took nine lives, left hundreds injured, forced the evacuation of 5,400 residents.

## Fuel oil spill from DM 932

On January 8, 2008, a 100-mile stretch of the Mississippi River was closed for 6 days to ship traffic, as salvage workers removed a split fuel barge from beneath the Crescent City Connection in New Orleans. Response personnel had to contain and remove hundreds of thousands of gallons of #6 fuel oil as it floated toward the Gulf of Mexico.



# Activities:

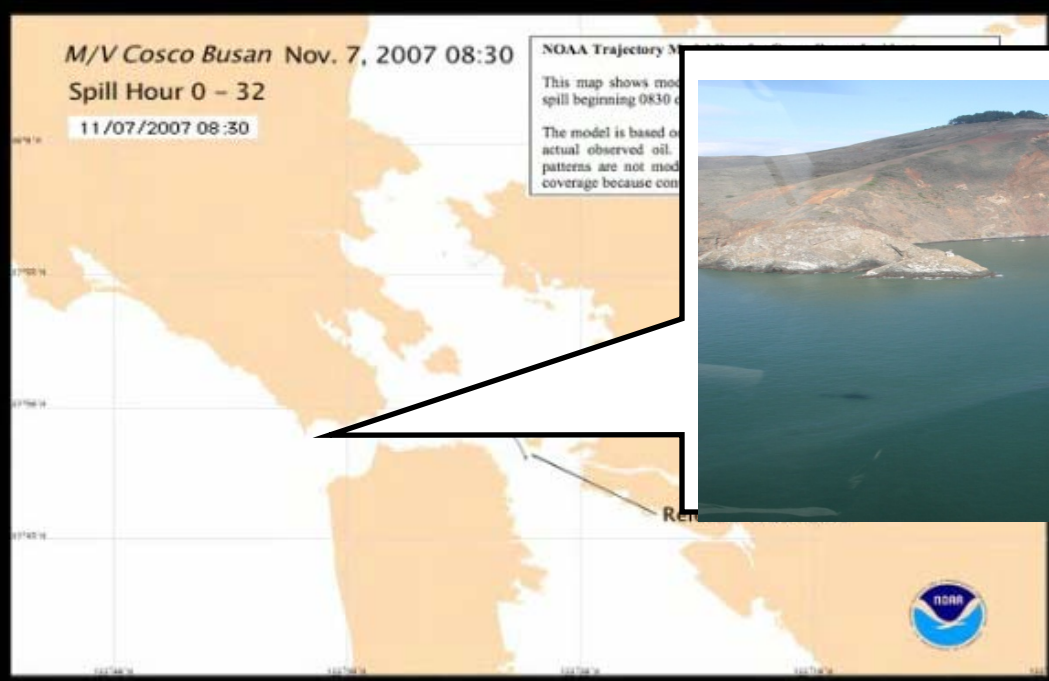
## Response to M/V Cosco Busan Incident



In Nov 2007, M/V Cosco Busan collided with the San Francisco Bay Bridge, and resulted in a 53,569 gallon release of fuel into the Bay.



At the Unified Command, NOAA provided scientific advice to the U.S. Coast Guard.



This scientific support was presented as pollutant trajectory predictions NOAA's shoreline cleanup assessments & natural resource evaluations verified predictions.

NOAA also conducted natural injury assessments and restoration planning with other trustees.



# Activities



## Kinder Morgan Gasoline Pipeline Rupture

- Gasoline supplies cut off to Las Vegas for a few days
- Designated critical habitat for the threatened desert tortoise
- Overflow zone for the Mojave River



## T/V Athos 1 Spill



- Approximately 44 miles of Delaware River affected; sheen reported to extend 50 miles
- FWS leadership, natural resource agency personnel from NJ, PA, and DE, as well as Tri-State Bird Rescue and Research are cooperating in wildlife recovery and rehabilitation efforts

# NRS Overview

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## National Response Team (NRT)

Nationwide responsibilities for interagency planning, policy, & coordination for oil & hazardous materials incidents.

## 13 Regional Response Teams (RRTs)

Develops regional policies for & ensures an effective, coordinated response among all levels of government and the private sector.

## On-Scene Coordinators (OSCs)

Coordinate all containment, removal, and disposal efforts/resources.

## Other NRS components

National Response Center

Area Committees

State/Local Governments

Special Teams

Private Sector

Joint Response Teams with neighboring countries

# NRT MISSION



To provide technical assistance, resources and coordination on preparedness, planning, response and recovery activities for emergencies involving hazardous substances, pollutants and contaminants, hazmat, oil, weapons of mass destruction in natural and technological disasters and other environmental incidents of national significance.

**NRT JOINT INFORMATION  
CENTER MODEL**

*Collaborative  
Communications during  
Emergency Response*

**Volume I**

Guidance for Managing Worker Fatigue  
During Disaster Recovery Operations

**Technical Assistance Document**

# Authorities

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Clean Water Act

Oil Pollution Act of 1990 (amended CWA)

Comprehensive Environmental Response,  
Compensation, and Liability Act (CERCLA)  
or “Superfund”

National Contingency Plan 40 CFR 300

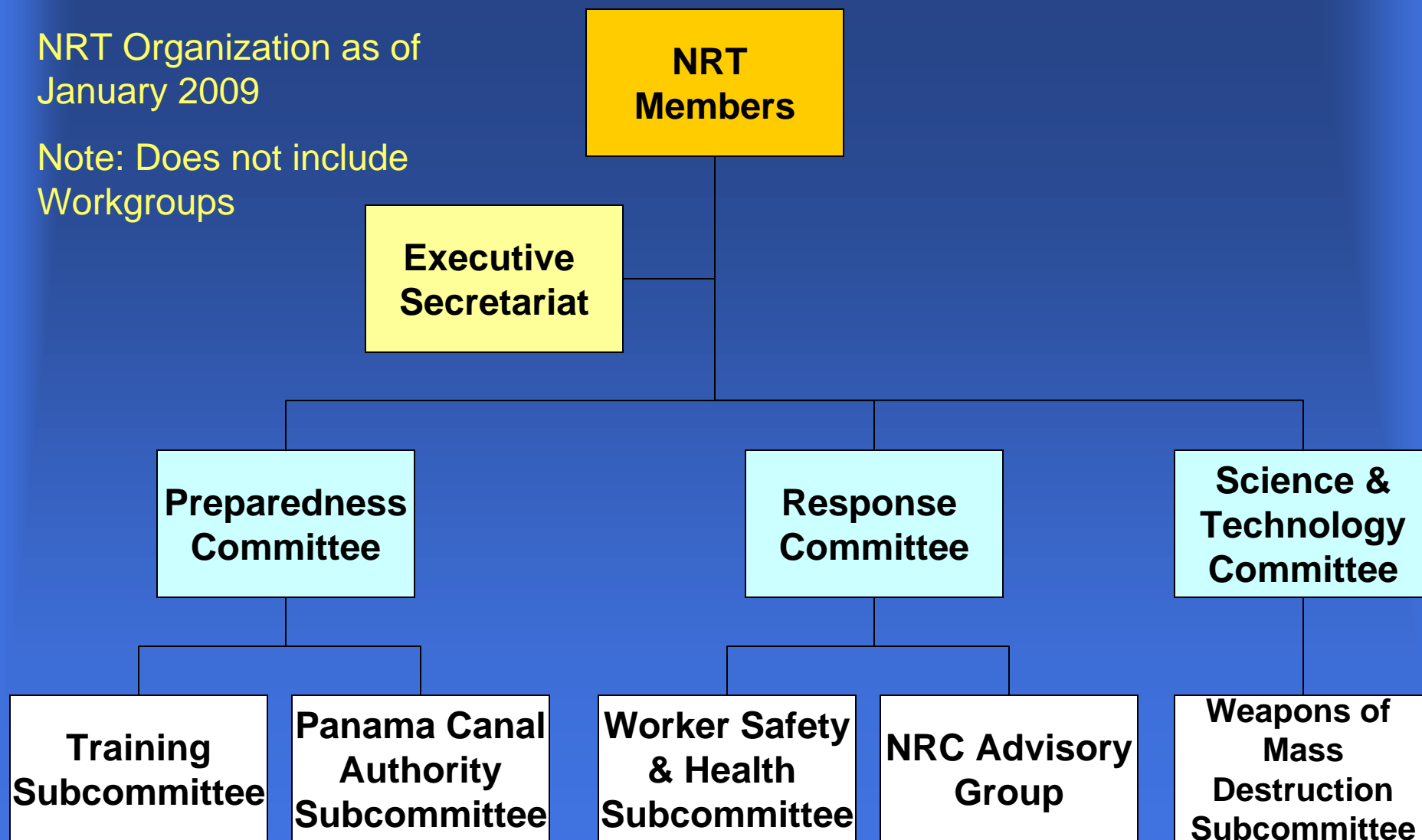


# NRT COMMITTEES AND SUBCOMMITTEES



NRT Organization as of  
January 2009

Note: Does not include  
Workgroups



# Preparedness Committee

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- NRT Use of Volunteers Technical Assistance Document (TAD)
  - Development of NRT- Corporation for National and Community Service (CNCS) MOU and Use of Volunteers TAD
- SONS 2010
- *National Oil and Hazardous Substances Pollution Contingency Plan (NCP)* revision
  - Forum to discuss NCP revisions

# Training Subcommittee

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- Monitor the development of training resources and tools
  - Foster the development of the USFA's new *National Fire Academy* (NFA) operations program and other experimental internet-based methodologies
  - *Quickfacts* website
    - Online, comprehensive responder encyclopedia
  - Training for ethanol and bio-fuel responders
  - *EZ Training* pilot program

# NRT - Autoridad del Canal de Panama (ACP) Subcommittee



- Develop *NRT - ACP Incident Response Guide (IRG)\**
- NRT - ACP 2007 Command Post Exercise (CPX) After Action Report (AAR)
  - Highlights of the AAR include
    - ACP's ability to strategically react and respond to a Tier III oil spill
    - Implement ICS principles
    - Effectively implement the ACP Contingency Plan
- NRT-ACP EcoCanal 2009 Command Post Exercise



# Response Committee

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- Update *NRT Joint Information Center (JIC) Model*
  - Only field-level JIC manual
  - Align with NIMS and NRF
  - Completed several rounds of revisions already
- Cataloging of NRT member agency satellite and over-flight capabilities
- Forming a workgroup to address emergency response to Federal lands

# Worker Safety and Health Subcommittee

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- Complete the *Managing Worker Fatigue During Recovery Operations TAD*
  - Highlights methods that can be used to reduce or manage employee fatigue, stress, and exposure to other hazards during the recovery phase of an incident
- 215-A Workgroup
  - Training course on standardizing the operational risk management (ORM) process
- Forum for members to monitor worker safety and health response and recovery operations
  - Provides input on WS&H Annex activities

# Science and Technology Committee

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- Ethanol Quick Reference Guide (QRG)
- Updating Selection Guide for Oil Spill Applied Technologies as an interactive, web-based, nationally supported tool
- Developing Response Research Clearinghouse to improve response and restoration capabilities

# Weapons of Mass Destruction Subcommittee: Chemical and Biological Quick Reference Guides



- Arenaviridae: Argentine Hemorrhagic Fever
- Arenaviridae: Bolivian Hemorrhagic Fever
- Arenaviridae: Brazilian Hemorrhagic Fever
- Arenaviridae: Lassa Fever
- Arenaviridae: Lymphocytic Choriomeningitis Virus
- Arenaviridae: Venezuelan Hemorrhagic Fever
- Bacillus anthracis
- Botulinum Toxin
- Brucella
- Bunyaviridae: Rift Valley Fever
- Crimean Congo Hemorrhagic Fever
- Cyclosarin
- Dengue Hemorrhagic Fever
- Ebola & Marburg
- Glanders & Melioidosis
- Hantavirus
- Lewisite
- Sarin
- Soman
- Sulfur Mustard
- Tabun
- Tick-Borne Encephalitis
- VX
- QRG Chemical Reference Document



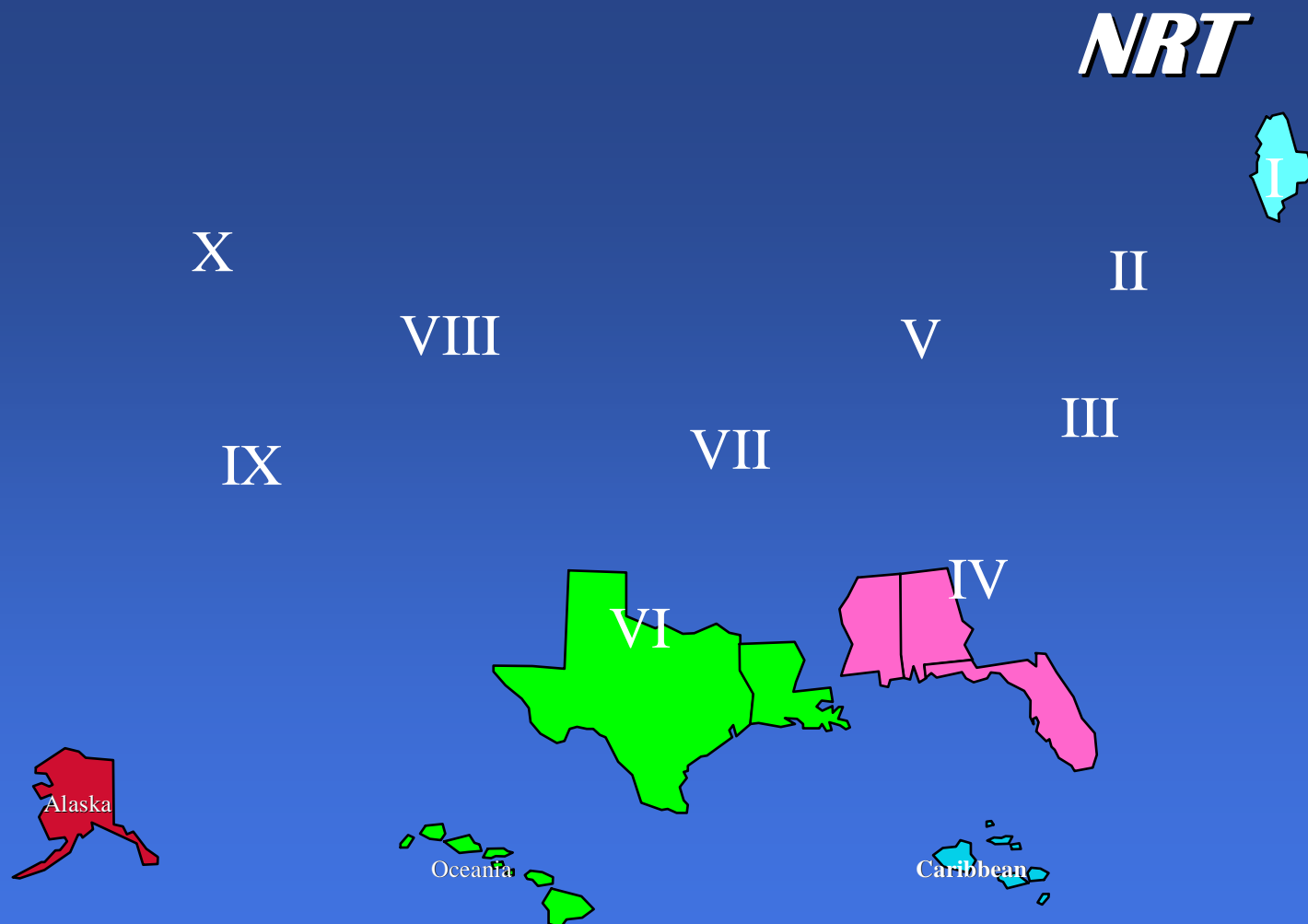
# Weapons of Mass Destruction Subcommittee

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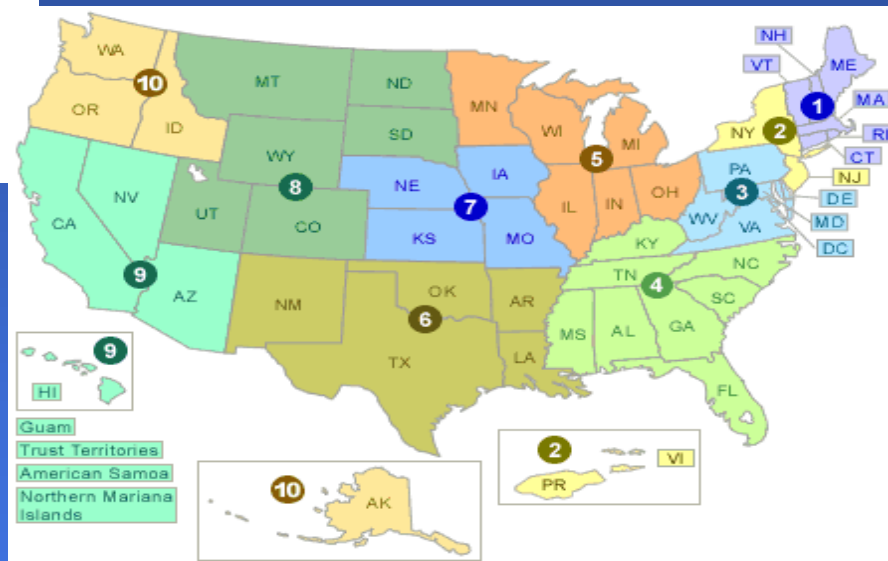


- *Bacillus anthracis* Environmental Response Technical Assistance Document (ERTAD)
  - Protect public health and safety, provide a snapshot of federal expertise for “urban” releases, and provide guidance and consistency for *B. anthracis* responses.
  - Completed the revision outline in Summer 2008 and second draft in Fall 2008.
  - Undergoing review by the SAB-HSAC

# NATIONAL RESPONSE SYSTEM NATIONAL RESPONSE TEAM



# EPA Regions and USCG Districts



# Response Management

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## The 4 key features of the NRS are:

1. EPA and USCG coordinate and direct the response, EPA for inland areas, USCG for the coastal zone.
2. Other federal agencies with appropriate jurisdiction and expertise support the lead agency.
3. Activities are done in partnership with state and local officials.
4. Industry is responsible for being prepared for, responding to, and paying for cleanup and damages from pollution incidents.

The NRS uses the Incident Command System to bring these parties together to manage response actions.



# Thank you

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More information on the NRS can be found  
at: [WWW.NRT.ORG](http://WWW.NRT.ORG)

