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Introduction to Oil Spill Response Planning, Preparedness: Basics

Bradford Benggio, NOAA



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The Response Community

Working together to protect against threats to our land, air and water



- **The Federal Government**

- US Coast Guard *
- Environmental Protection Agency *
- Department of State
- Department of Defense
- Department of Homeland Security (FEMA)

* Federal On-Scene Coordinator



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The Response Community (cont)

- **The Federal Government (cont)**
 - Department of Energy
 - National Nuclear Security Administration
 - US Department of Agriculture
 - US Dept. of Health and Human Services
 - Centers for Disease Control
 - National Institute for Occupational Safety and Health (NIOSH) at CDC



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The Response Community (cont)

- **The Federal Government (cont)**
 - **US Department of the Interior***
 - Office of Environmental Policy and Compliance
 - Bureau of Safety and Environmental Enforcement
 - Services/Programs
 - US Fish and Wildlife Service
 - Bureau of Indian Affairs
 - State Historical Preservation Offices (SHPO)



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The Response Community (cont)

- **The Federal Government (cont)**
 - **US Department of Commerce***
 - National Oceanic and Atmospheric Admin
 - Office of Response and Restoration
 - NOAA's National Ocean Service
 - Services/Programs
 - National Marine Fisheries Service
 - National Marine Sanctuaries
- * Federal Natural Resource Trustee



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The Response Community (cont)

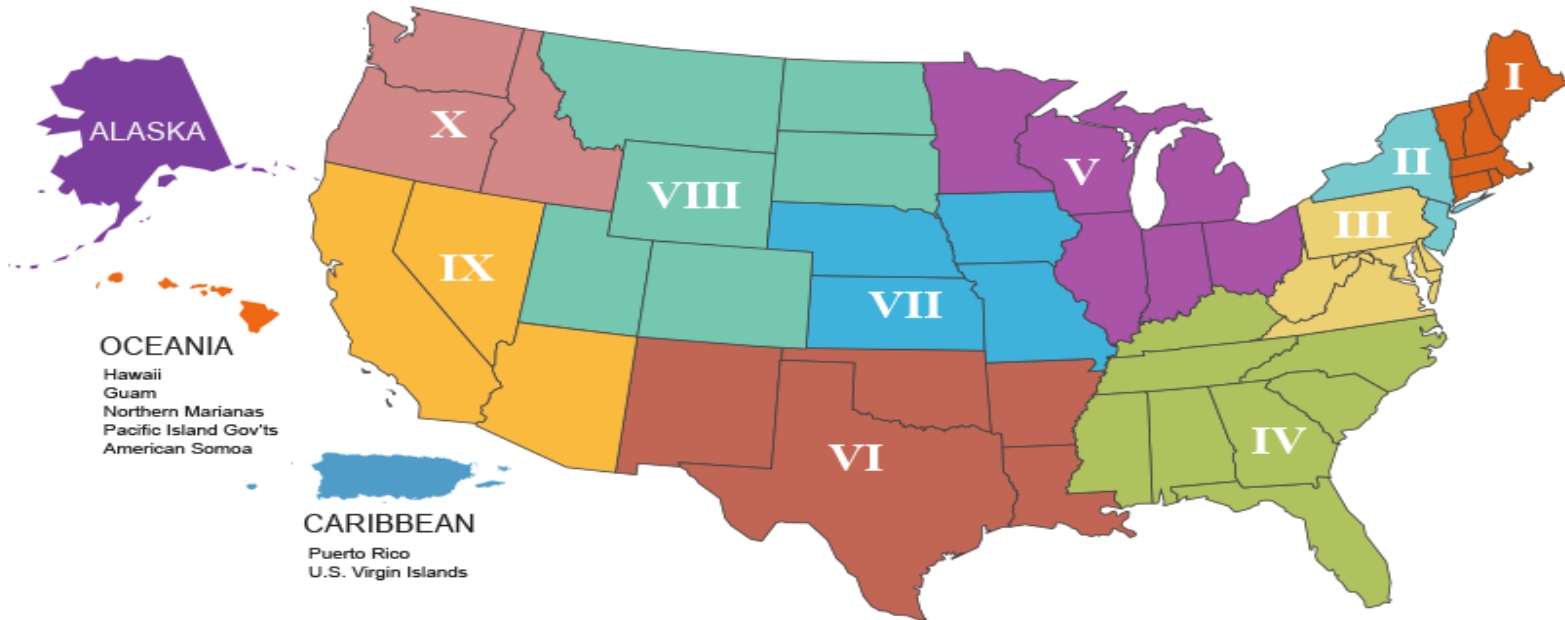
- **The Federal Government (cont)**
 - US Department of Transportation
 - Pipeline and Hazardous Materials Safety Admin,
 - US Nuclear Regulatory Commission
 - US General Services Admin
 - US Dept of Justice
 - US Dept of Labor
 - Occupational Safety and Health Admin (OSHA)



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The Response Community (cont)





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The Response Community (cont)

- The State Governments
 - Varies between States but generally are led by Environmental and Emergency Management and Response Programs
- Industry
 - Producers, Transporters, Users
 - Response Organizations (OSROs), others



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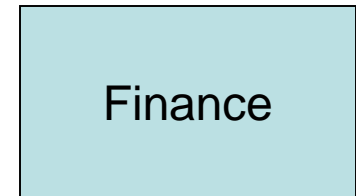
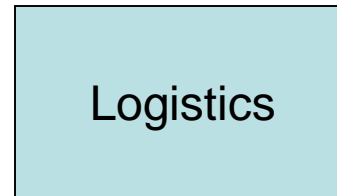
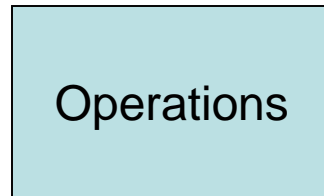
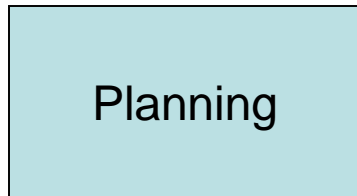
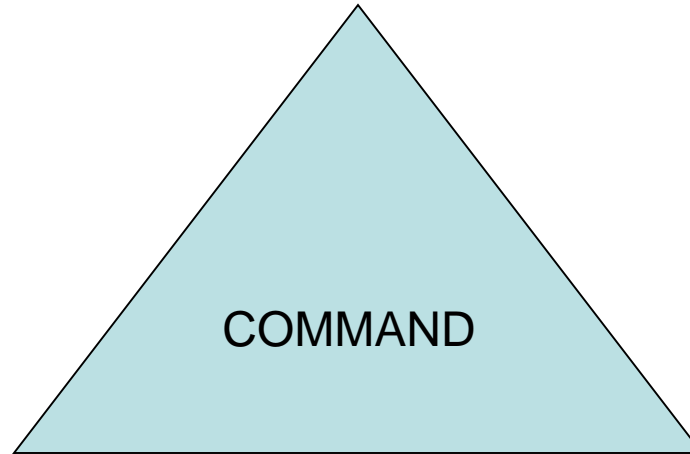
The Response Community (cont)

- Organizational Structures to Coordinate These Community Representatives:
- National Response Team (NRT)
- Regional Response Team (RRT)
- Local Area Planning Committees (APC)

WEB SITE: NRT.org



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The Incident Command System (ICS)



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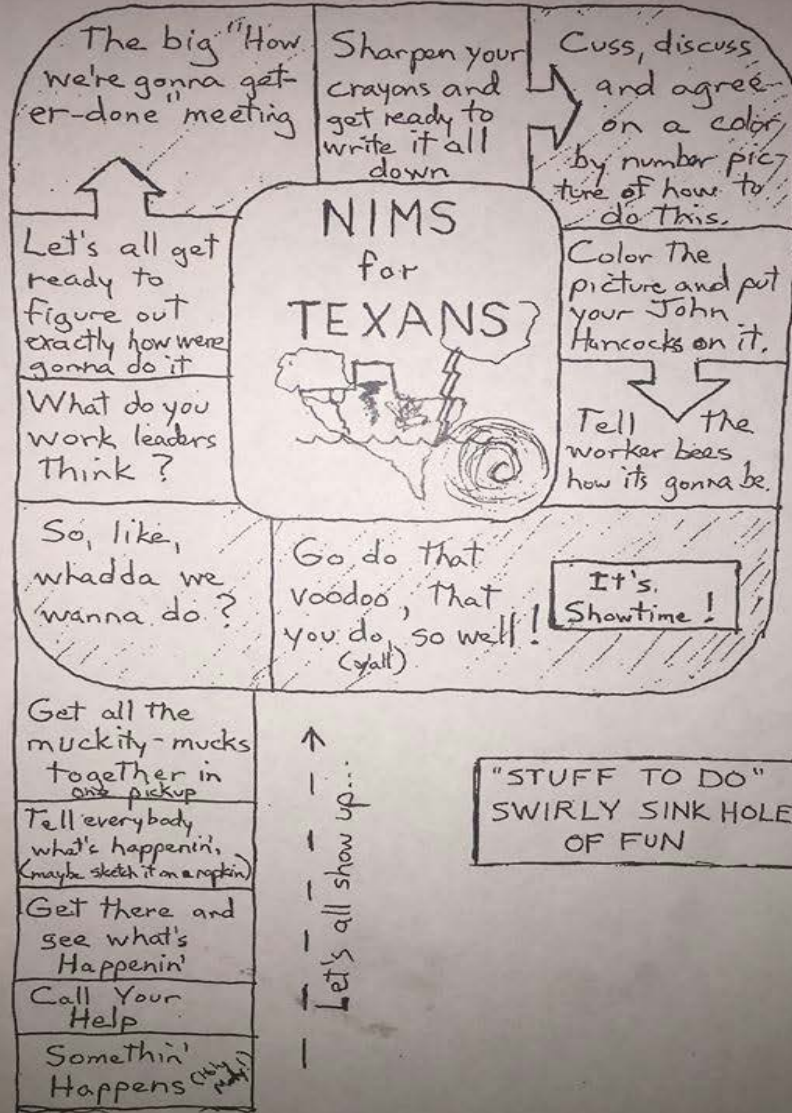
THE PLANNING "P"



Initial Response



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**U.S. DEPARTMENT OF
HOMELAND SECURITY**

U.S. COAST GUARD



**INCIDENT MANAGEMENT
HANDBOOK**

U.S. COAST GUARD
COMDTPUB P3120.17A

AUGUST 2006



ICS Incident Management Handbook



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Training Requirements

- **Incident Command System Minimum Training Requirements:**
 - **ICS 100 Introduction to the Incident Command System**
 - **ICS 200 ICS for Single Resources and Initial Action Incidents**
 - **ICS 700 National Incident Management System, An Introduction**
 - **ICS 800 National Response Framework, An Introduction**



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Training Requirements (cont)

- **OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER)**
 - **40 hour**, HAZWOPER 40 is required for workers that perform activities that expose or potentially expose them to hazardous substances.
 - **24 hour**, HAZWOPER 24 Hour is required for employees visiting an Uncontrolled Hazardous Waste Operation mandated by the Government.
 - **8 hour**, HAZWOPER 8 - This course meets the requirements in OSHA 29 CFR 1910.120 for eight hours of annual refresher training for workers at hazardous waste sites.



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Science and Technical Support for Response

– Environmental Unit (EU) in Planning

- **Includes technical experts**

- Environmental resources at risk
- Trajectories
- Weather
- Chemistry
- Modeling and fate and effects
- Countermeasure evaluations (dispersants, in-situ burning, etc.)
- Chemical countermeasures and response strategies evaluations
- Shoreline Cleanup Assessment techniques (SCAT)
- Toxicity assessments
- Other science or technical support needed for the incident



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Science and Technical Support for Response (cont)

- **Conduits and leads for coordinating, providing, and implementing scientific and technical aspects of a response**
- **Scientific Support Coordinators & special teams**
 - Federal NOAA SSCs
 - State designated SSCs
 - EPA Emergency Response Technicians (ERTs)
 - Other Special Teams: Navy SUPSALV, USCG Strike Teams, Public Information Assist Team, Center for Disease Control, etc.



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Information Management and Public Affairs for Response

Two Branches of Information Management during Response:

Internal Information; managed by the Situation Unit in Planning.

External Information or Public Affairs: managed by the Joint Information Center (JIC) Their role is to assimilate, coordinate, and provide information for the response intended for public consumption.



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Information Management and Public Affairs for Response (cont)

IMPORTANT: The JIC should review and authorize press releases and other information officially released for the response to insure accuracy, consistency, and to protect legal concerns. Each participating agency works through the JIC for releasing public information.



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FUNDING DURING A RESPONSE

Federal funding for response activities comes from the National Pollution Fund Center by way of the Oil Spill Liability Trust Fund or CERCLA fund (chemicals) through a “removal authorization.” Funding can not cover activities not associated with or pertaining to authorized pollution removal that represents significant threat to the environment or human health and safety. Research and development are not covered under response funding.



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Plugging Into a Response for Science, Studies, and Support

- Insure training and credential requirements are met: ICS, OSHA, individual agency or incident specific training
- Coordinate and work through the SSC and the Environmental Unit
- Develop Relationships through the RRT and APCs in your region
- During response always work through the ICS processes and JIC before conducting activities or releasing public information



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Thank You!

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