

Pre-Spill Planning

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USCG RESPONSE DOCTRINE (11/17/07)

- Safety
- Preparedness
- Initial Response & Investigation Actions
- Notifications & Communications
- Volunteers
- Documentation & Incident Management
- Drug & Alcohol Testing
- All Hazards, all Threats

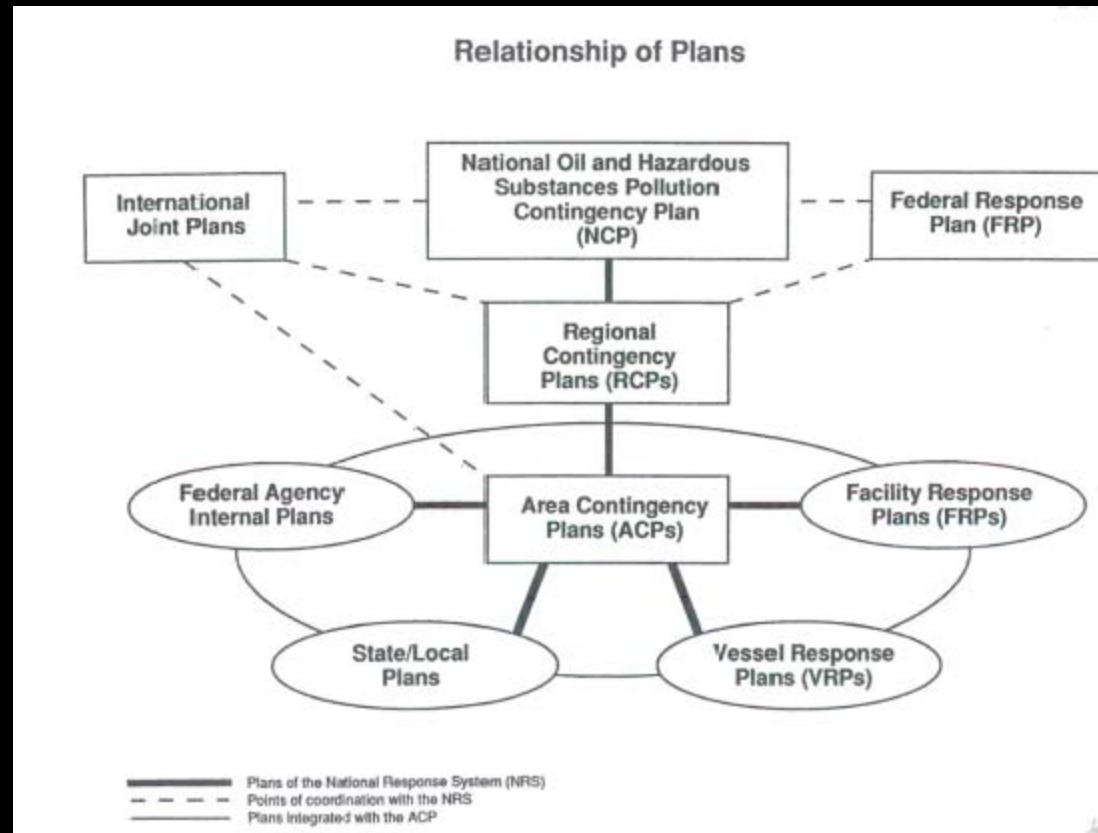
Acquire Necessary Safety Training

- HAZWOPR = 8,24 or 40 hour (det. what is needed to participate at your pre-assigned job/role in spill organization)
- Small boat handling
- Wildlife handling safety
- Aircraft safety & mgmt.
- Diver certification
- 4-wheel drive/snow mobile certification

Preparedness

- Comprehensiveness plans (ACPs), exercises (drills), training, and partnerships

OPA Planning System



Participation in Planning Process

- ACP annexes
- Review of Environmental Sensitivity Indices
- Review of conditions for Pre-approval of response countermeasures by RRT (dispersants, bioremediation, in situ burning, etc.)
- Knowledge of health & safety training requirements for agency personnel

Environmental Sensitivity Index (ESI)

- Systematically compiles information in standard formats for coastal shoreline sensitivity:
 - Biological resources
 - Human-use resources
- ESI maps identify sensitive resources to establish protection priorities and determine cleanup strategies
- ESI use in spill response and planning reduces the environmental consequences of a spill

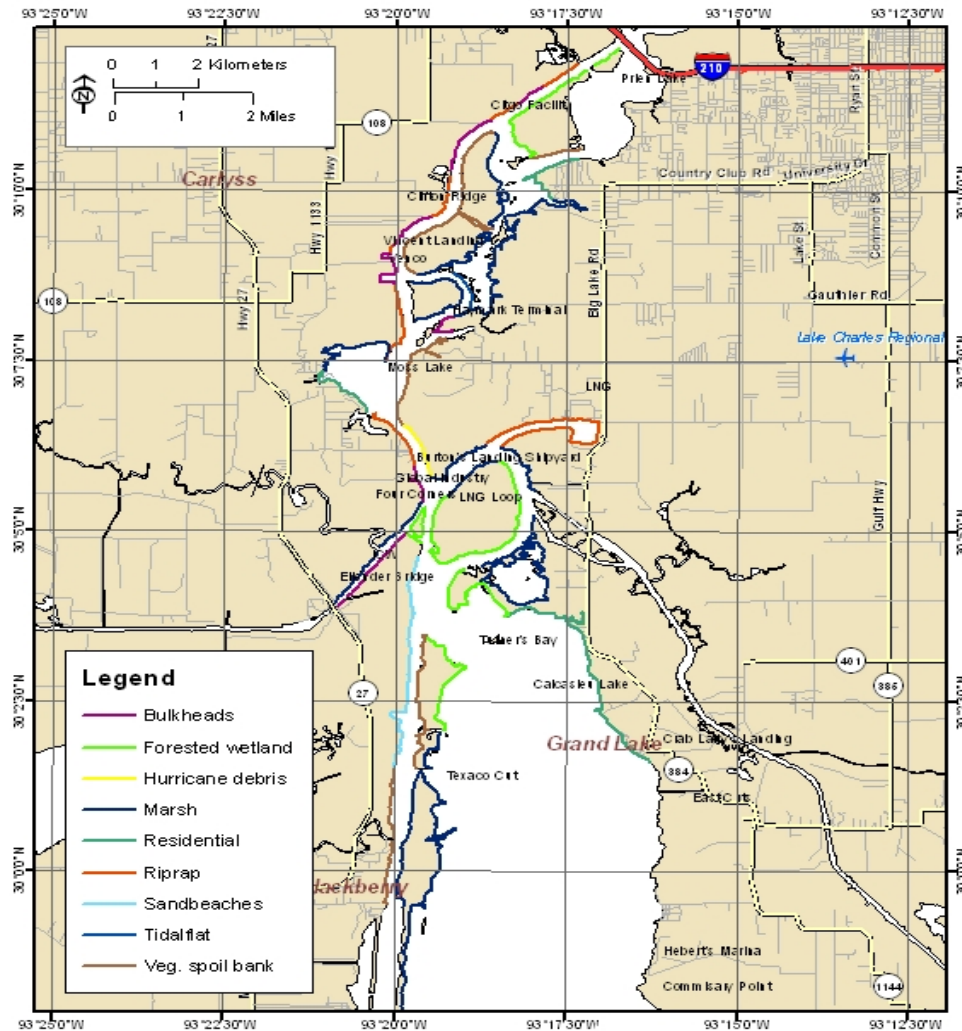
Citgo Refinery, Calcasieu River, LA

Habitat Map
prepared by NOAA

Date/Time: 07 July, 2006

USE ONLY AS A GENERAL REFERENCE

Graphic does not represent precise amounts or locations of oil



Example of an ESI MAP

Pre-arranged contracts with experts/technical service providers

- Universities that have worked in the area for a long time (baseline database/GIS layers)
- Bird rehab groups
- Specialty vehicle groups (i.e. Airboats, snowmobiles, etc.)
- Baseline NR & public use data from other trustees
- Arrange for data mgmt. and specimen storage

Bird Rehab



Acquire the Necessary Technical Training

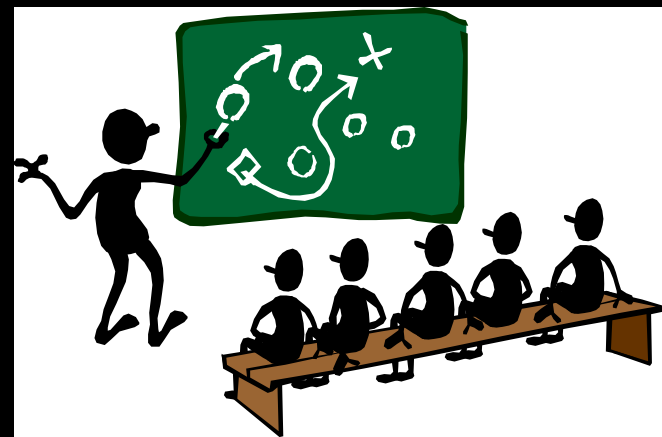
- SCAT (Shoreline Cleanup Assessment Team) training
- Chain-of-Custody training
- NRDA training
- Cost tracking & documentation
- Administration Record keeping

Participation in Spill Drills

- Drill the parts of your organization that WILL be called upon to respond and DO NRDA work.
 - Tribal Biologists/Resource Managers
 - Tribal Law Enforcement
 - Federal & State NR personnel
 - University & other local cooperators
- Involve Management personnel in drill when “decisions” need to be made
- Know what permits will be required and by whom?

Preventing Chaos

- Who are the players?
- How will they play together?



Initial Response & Investigation Actions

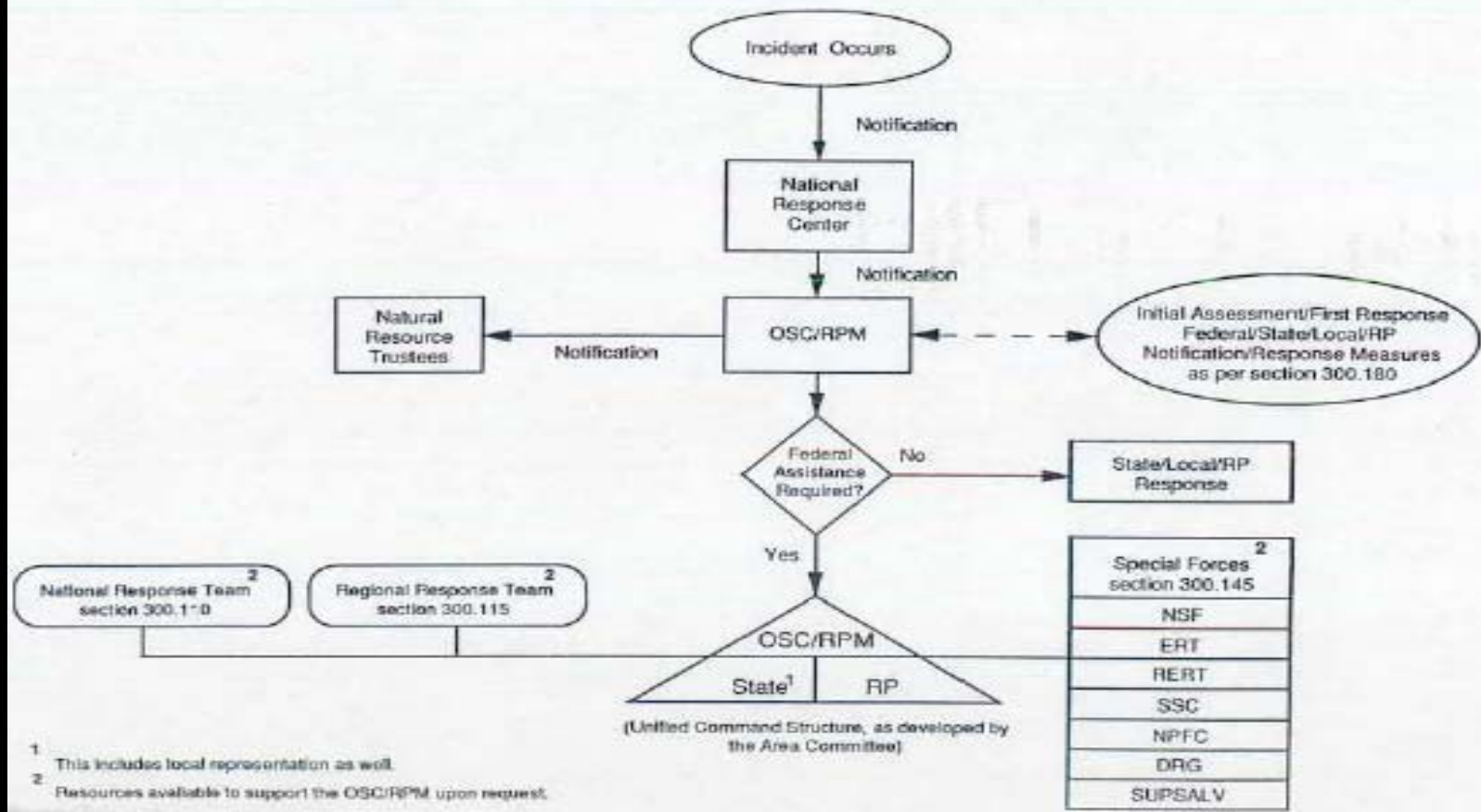
- FOSC/ICS execute initial response actions based on max. spill vol. and weather conditions. Use special resources, i.e. Strike Teams.

Incident Command System (ICS)

- Federal On-Scene Coordinator (FOOSC) has ultimate responsibility for oil cleanup under NCP.
- ICS coordinates the functions of the FOOSC, other federal agencies, state/local governments, and the responsible party.

ICS: National Response System

National Response System Concepts: Response





Command Post



2012 POT Summit PREPEX, offshore San Francisco, CA
1800 PDT, Tuesday, August 8, 2011
NOTE: This is a site specific forecast from the National Weather Service generated specifically for this model region.
THIS IS A DRILL
Sunset (B8): 2012 POT Summit (B9): 2020 PDT Sunset (B9): 2011

36 Hour Forecast
Winds:
This evening: NW 13 knots
Tonight: NW 5 knots
Tomorrow (Wednesday) Morning: N 2 knots
Wednesday afternoon: W 11 knots changing to NW 12 knots
Thursday morning: NW 10-13 knots

Waves:
Tuesday: NW swell 3 feet, swell period 10 seconds, total wave height 3 feet
Wednesday: NW swell 4 feet increasing to 5 feet, swell period 9 seconds decreasing to 7 seconds, total wave height 4-5 feet
Thursday: NW swell 6 feet, period 7 seconds, total wave height 6 feet increasing to 8 feet.

Precipitation:
No precipitation forecast period

Clouds/Visibility:
Scattered
Thursday

Temperatures:
High temp

Notifications & Communications

- FOSC notifies all parties as designated in the ACP
 - aggressive in communications and notifications
 - comprehensive in who they notify as designated in ACP
 - follow the designated Chain-of-Command in the ACP

Volunteers

- Special group of stakeholders
- Share a commitment to protecting the environment.
- Consistent with the NCP the Area Committees should plan for their use, including worker health & safety requirements.

Documentation & Incident Management

- Thorough and timely documentation and logging of all notifications, decisions, and events.
- Transparency of information with the public.
- Cost reimbursement will be based on this documentation.

Financial Management

- Know how and from whom to request funding and PROPERLY track costs
 - NPFC forms
 - DOI forms
- Cost Recovery is a key component of this process almost as much as resource protection

Pollution Removal Funding Agreement (PRFA)

- Requested by DOI-OEPC for the affected Bureaus/Tribes
- Bureaus/Tribes suggest activities that will need funding:
 - Dead animal retrieval
 - Providing security on beaches, shorelines, vehicle and evidence holding areas during cleanup
 - Manning the IC, etc.
- Pre-designated SOW for your Tribe.

Labor Cost Documentation


Incident/Site name, location: Pryor Well Blowout DARP Incident/Site FPN or CERCLA ID no.: Inclusive dates of billing: Billing bureau/office: NPS Billing bureau/office contact: Am	

Are time & attendance worksheets attached? (YES or NO): Yes If YES, how many are attached? 1	
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LABOR REPORT						
Employee name (last, first)/ Date of activity	Pay grade	Activity code(s) ¹	No. of hours	Pay rate per hour	Cost	Office use
					\$0.00	
					\$0.00	
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continued on next page					\$0.00	
Sub-Total of direct labor cost:					\$0.00	

¹ Activity Code key: 1.0: Assessment 1.1: Preassessment activities 1.2: Assessment planning 1.3: Assessment implementation 1.4: Negotiation/litigation 1.5: Case management	2.0: Restoration 2.1: Restoration planning 2.2: Restoration implementation 2.3: Restoration monitoring 2.4: Restoration management	Remarks:
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Travel Cost Documentation

	U.S. DEPARTMENT OF THE INTERIOR Natural Resource Damage Assessment & Restoration Program Travel Cost Report				Page _ of _ (rev. 2/2005)
	Incident/Site name, location: Incident/Site FPN or CERCLA ID no.: Inclusive dates of billing: Billing bureau/office: Billing bureau/office contact:				
Were Travel Authorizations (DI-1020) issued? (YES or NO): If YES, are copies attached? (YES or NO): If YES, how many are attached? Are liquidated Travel Vouchers (SF-1012) attached? (YES or NO): If YES, how many are attached?					
TRAVEL REPORT					
Name of traveler (last, first)	Date(s) of travel	Travel Authorization Number	Issued by	Cost	Office use
Bureau/Office indirect rate # 1, if applicable (@ xx% of travel cost): Bureau/Office indirect rate # 2, if applicable (@ xx% of travel cost): Total travel cost:				Sub-Total of travel cost: \$0.00 \$0.00	
Remarks:					

Drug & Alcohol Testing

- Required as per 46 CFR Part 4. All crew members must be tested.

All hazards, all threats

- Spills are complex and challenging events for USCG.

So now you have an oil spill!



What do you do?