

**MSRC:**  
**A Company of Change to Meet**  
**the Needs of its Customers**

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# Milestones in the Marine Spill Response Corporation's Development

- Prince William Sound Oil Spill - March 1989
- Petroleum Industry Response Organization - Fall 1989
- Oil Pollution Act of 1990 (OPA-90) - August 1990
- Marine Preservation Association/Marine Spill Response Corporation- September 1990

# **U.S. Regulatory Requirements**

## **Under OPA-90**

- Vessel Response Plans
  - U.S. Coast Guard
- Facility Response Plans
  - U.S. Coast Guard
  - U.S. Environmental Protection Agency
  - U.S. Minerals Management Service
- Oil Spill Removal Organization ("OSRO")  
Classification System

## **MSRC (1991-1995)**

- ☐ **Dedicated Oil Spill Response Infrastructure**
  - **Oil Spill Response Vessels**
  - **Skimming Capabilities**
  - **Storage Capabilities**
- ☐ **Research & Development**
- ☐ **Spill Management**
- ☐ **Structure/Budget**

# Dedicated Oil Spill Response

## Vessels (OSRVs)

- 16 Specially Designed and Constructed Vessels
  - Length Overall - 208'-5" (63.5 meters)
  - Depth - 17'-0" (5.1 meters)
  - Max Draft - 14'-0" (4.3 meters)
  - Beam - 44' - 0" (13.4 meters)
  - Quarters - 38 Persons
  - Fuel Capacity - 112,890 Gallons (427,335 Liters)
- High Capacity Trans-Rec 350 Skimming System
- Oil Containment Boom
- Recovered Oil Capacity - 4,000 Barrels
  - Oil/Water Separation Systems
- Support Vessels
- Full Remote Command & Control Capabilities

# Dedicated Skimming Capabilities

- 106 Skimmers Nationwide with  
Approximately 454,178 barrels per  
day Effective Daily Recovery Capacity  
(EDRC) including:

- Trans-Rec 350
- Aardvac 800
- Desmi Ocean
- GT-185
- Seawolf
- Walosep W-4
- WP-1
- Vikoma 3-Weir

# Dedicated Temporary Storage

- 902,300 barrels Temporary Storage including:
  - 17 Offshore Barges (32,000 barrels to 68,000 barrels each)
  - 16 Oil Spill Response Vessels (4,000 barrels each)
  - 68 Shallow Water Barges (400 barrels each)
  - 84 Towable Storage Bladders (500 barrels and 3,000 barrels each)

# **Dedicated Boom**

**311,340 Feet of Boom**

- Offshore Boom
- Inshore Boom
- Intertidal Boom



# Research & Development

- ☐ Remote Sensing
- ☐ In-Situ Burning
- ☐ Dispersants
- ☐ Oil/Water Separation
- ☐ Counter Measures Effectiveness
- ☐ Bioremediation
- ☐ Evaluation of Spill Effects

# **Spill Management**

 **Command & Control**

 **Operations**

 **Health & Safety**

 **Planning**

 **Logistics**

 **Finance & Administration**

 **Communications**

 **Public Affairs**

 **Government Affairs**

 **Scientific & Technical Support**

## Structure/Budget

- ☒ U.S. \$900 plus million over 5 years
- ☒ Five Regional Response Centers
- ☒ 21 Pre-Positioned Equipment Locations
- ☒ Response only to Larger Spills (Greater than 1,200 Barrels)
- ☒ No Ability to Respond or be Cited for "Shoreline Cleanup"

# Catalyst for Change



## Regulatory

- Less Rigorous Standards



## Industry

- Divergent Funding Philosophies

## **MSRC (1996 Onward)**

- ☐ Restructuring/New Budget
- ☐ Regional Approach
- ☐ Spill Team Area Responders (*STARs*)
- ☐ New Services
- ☐ Business Development/Customer Service
- ☐ Alternate Technologies
- ☐ Hazardous Materials

# Restructuring/New Budget

- Retained Commitment to Dedicated Oil Spill Response Capability
  - No Reduction in Response Equipment
- Elimination of Spill Management Services and R & D Component
- New Senior Management Team
- Continued Customer Awareness
- 177 Employees vs 441 in 1995
- US \$42 Million Annual Budget Reduced from US \$96 Million (1995)

# Regional Approach

- Five Regions Reduced to Three
  - Each Region Unique
- Decentralization
  - Regional VP Authority
- Virginia Group
  - Oversight & Quality Assurance
  - Services

# Spill Team Area Responders

## STARS

Enhanced Network of Environmental  
Response Contractors

Recognized Industry Leaders  
60+ Companies Nationally

Provide Necessary Services

- Personnel
- Equipment
- Local Knowledge
- Logistical Support



## **New Services**

- Response to Spills of All Sizes**
- "Average Most Probable Discharge"**
- Shoreline Cleanup**
- International Response**
- Hazardous Materials**

# Business Opportunities/ Customer Service

- ☐ Refocus on Customer Service
- ☐ International Shipowner Marketing
- ☐ International Business Opportunities
- ☐ Partnering
- ☐ Other Business Opportunities

# Alternative Technologies

- MSRC Continues to Recognize Alternative Response Technologies
- In Situ Burn Equipment
  - 6 Systems throughout Area of Service
- Dispersants
  - Developing Infrastructure with Industry at this Time

## In Summary: The MSRC of Today

- ☐ Commercially Efficient
- ☐ Solid External Reputation
- ☐ Total Customer Satisfaction

