



# U.S. Coast Guard Deepwater Horizon Incident Response Summary



# Background:



## Mobile Offshore Drilling Unit (MODU) Deepwater Horizon (DWH)

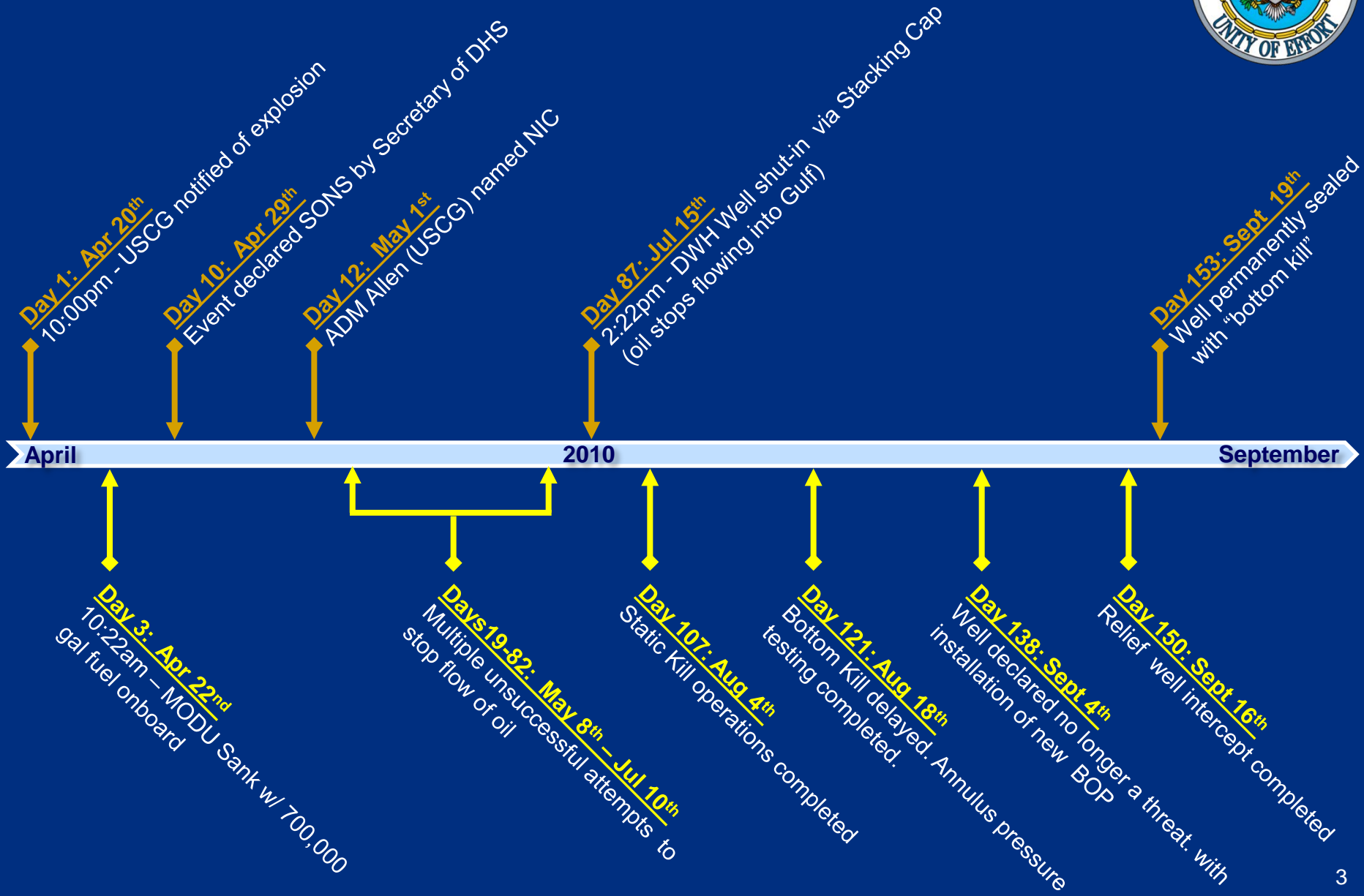
- Dynamically positioned, semi-submersible drilling unit located over 50 miles offshore Louisiana

### Day 1 – April 20<sup>th</sup>

- D8 Command Centers notified of fire/explosion on MODU DWH approx 10:00 pm
- Initiated SAR efforts
- Coordinated firefighting efforts
- Established incident command post



# Timeline & Key Events



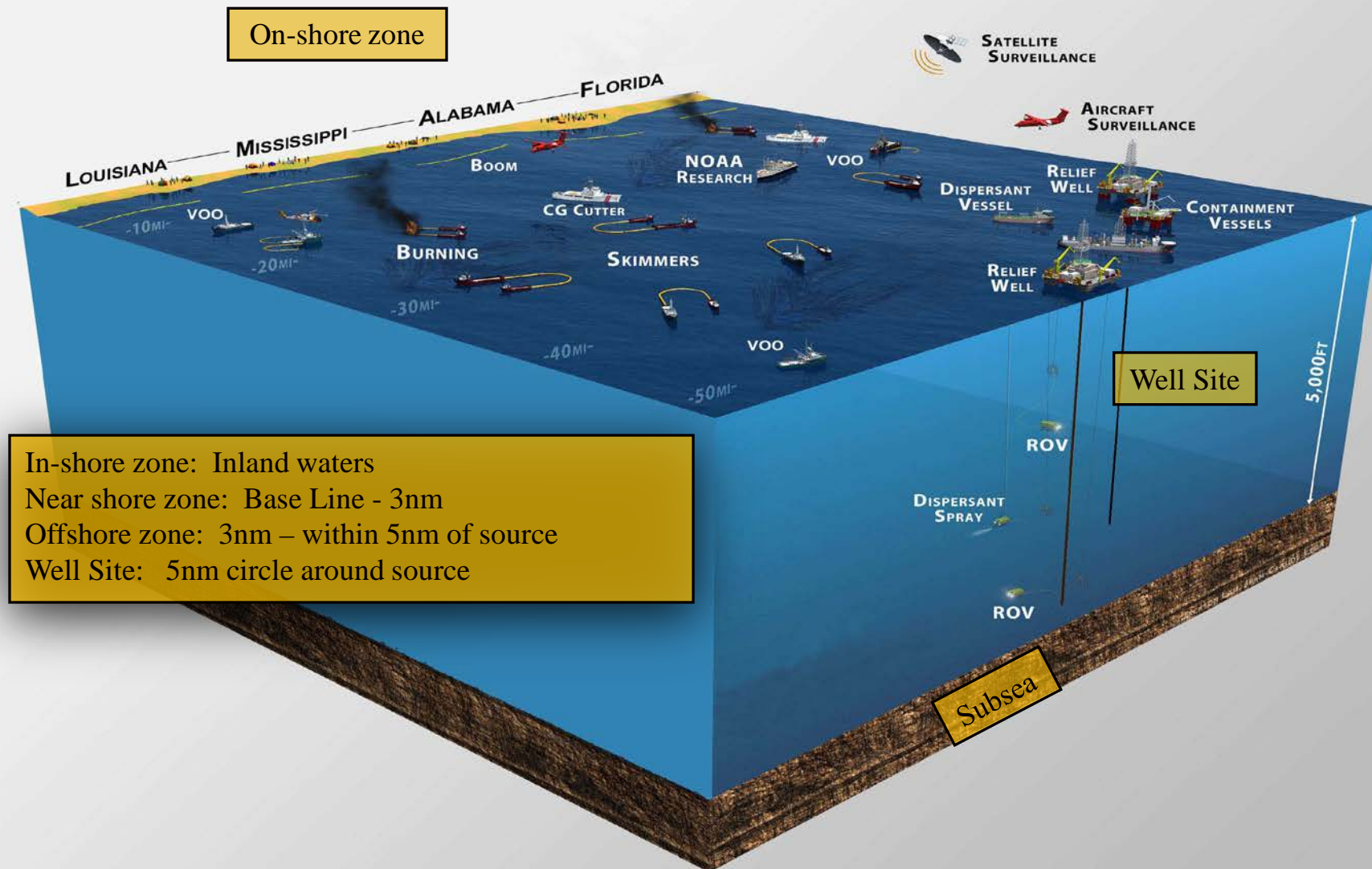
# Incident Commanders



- Positions filled by Coast Guard Captains
- Teamed with senior BP official and State On Scene Coordinators to lead all tactical operations
- Designated FOSC(r) authorities
- Responsible for :
  - Key point of contacts for Governors, State and local government/community outreach
  - Deploy shore cleanup teams to process hazardous materials and oil
  - Oversee the operations of branch commanders
  - Oversee local, tactical response operations
  - Vessel of Opportunity Employment
  - Strategic Communications

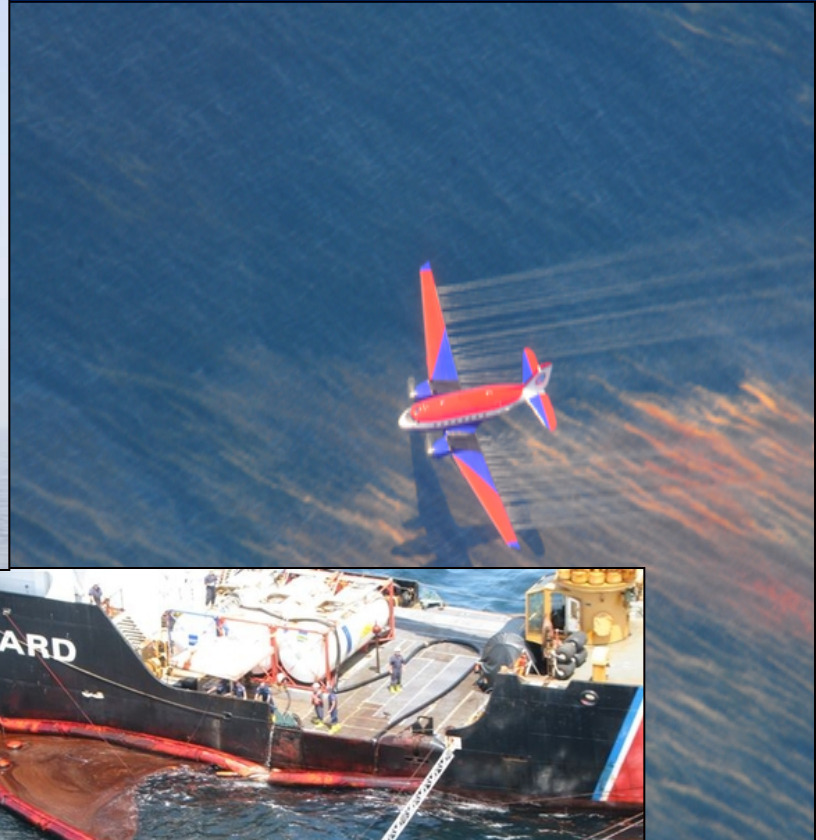


# Concept of Operations

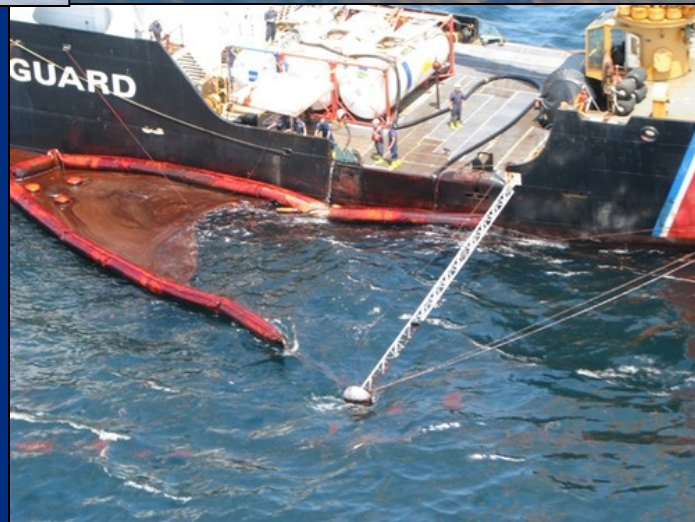


In-shore zone: Inland waters  
Near shore zone: Base Line - 3nm  
Offshore zone: 3nm – within 5nm of source  
Well Site: 5nm circle around source

# Offshore Operations



- Skimming
- In-Situ Burning
- Dispersants
  - Surface
  - Subsurface



# Nearshore Operations



- Vessels of Opportunity



- Skimmers

# Bays and Beaches Operations

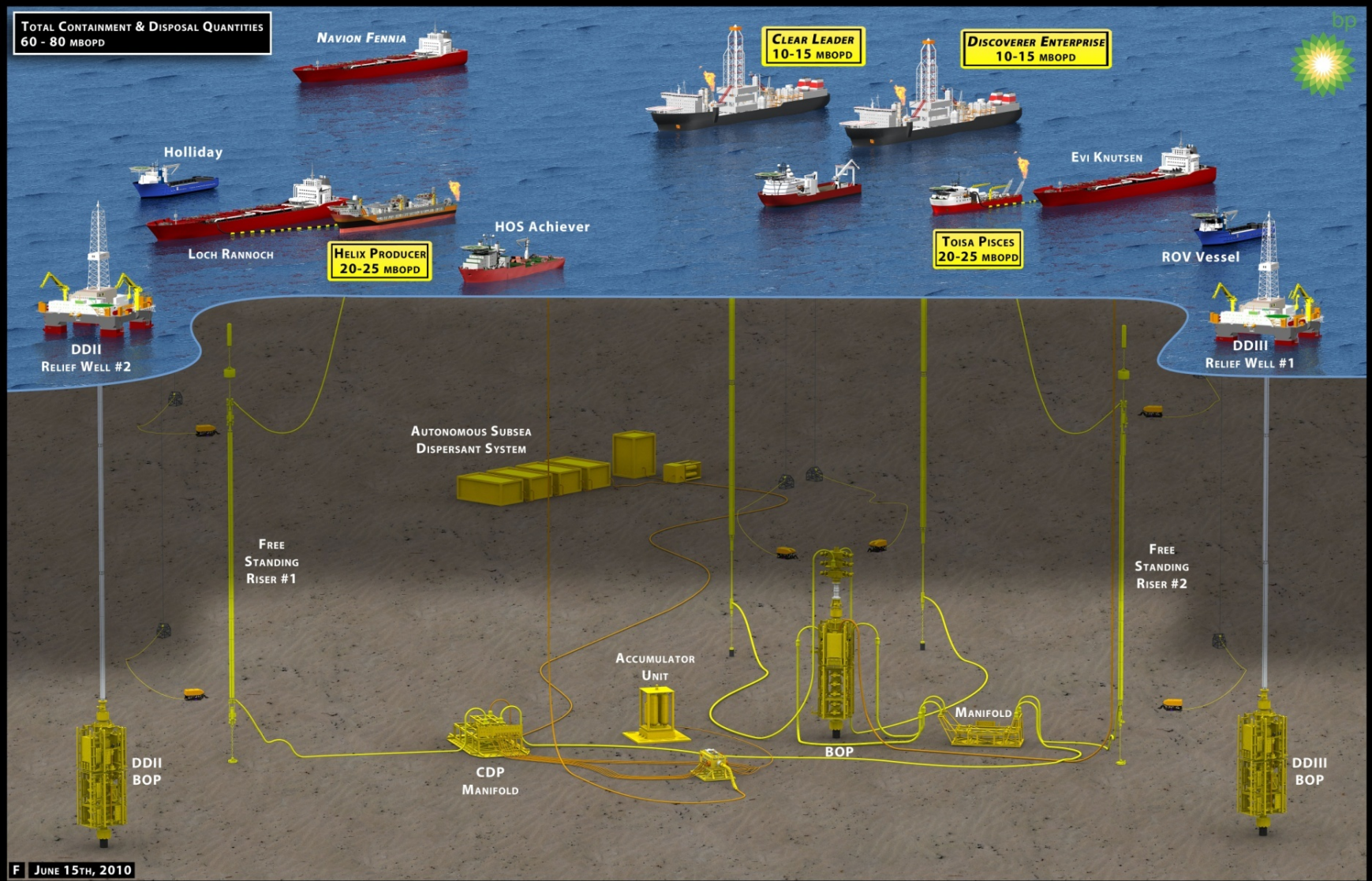


- Skimmers
- Boom & Barrier Establishment
- Shoreline Cleanup Assessment Teams
- Clean-up Personnel
- Wildlife Recovery Personnel





# Source Control Efforts



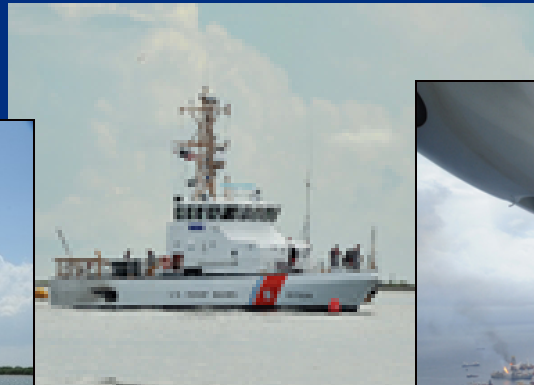
F JUNE 15TH, 2010

CONTAINMENT & DISPOSAL PROJECT - MID JULY

# Critical Resources



- More than 48,000 responders
- Equipment/Resources
  - 2,998 Coast Guard
  - 1,819 National Guard
  - 41,370 Contractors
  - 731 BP
- 2015 Volunteers
  - 13.5 million feet of boom deployed
  - 9,700 vessels at peak
  - 60 CG vessels deployed to scene
  - 127 aircraft
    - 78 rotary wing and 45 fixed wing
    - 22 Coast Guard aircraft





# Fate of Oil

- 4.93 million barrels oil discharged (estimated)
- 800,000 barrels oily water recovered
- More than 400 in-situ burns conducted
- 265,000+ barrels mitigated through burns
- 1.8 million gallons of dispersants applied



- Surface
- Subsurface



# Sheer Scope and Complexity of the Spill



- 5 States Effected
- Oil Containment Boom/Skimbers
  - 13.5 million ft
  - 835 skimmers
  - How much is enough?
- Over 50 Miles Offshore
- Area of the spill
- Depth: 5000 FT
- Overlapping issues
  - Oil Containment and recovery
  - Hurricane Season
  - Wildlife
  - Fishery Management
  - Tourism
- Subsea Oil Monitoring Plan



# Moving Forward



- Transition to Long-Term Recovery and Natural Resources Damage Assessments and Public Health programs...continue to work to restore the Gulf Region to pre-spill conditions.
- Capture Lessons Learned and Identify potential Areas for Improvement and implement recommendations to more effectively respond to future spills.
- Review the National Contingency Plan and National Response Framework to identify National-level issues to enhance public's expectation for a coordinated, 'whole of government' response to Incidents of National Significance.