

Overview of MMS Operations

Presented to South Carolina
Offshore Study Committee

October 16, 2008

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Agenda

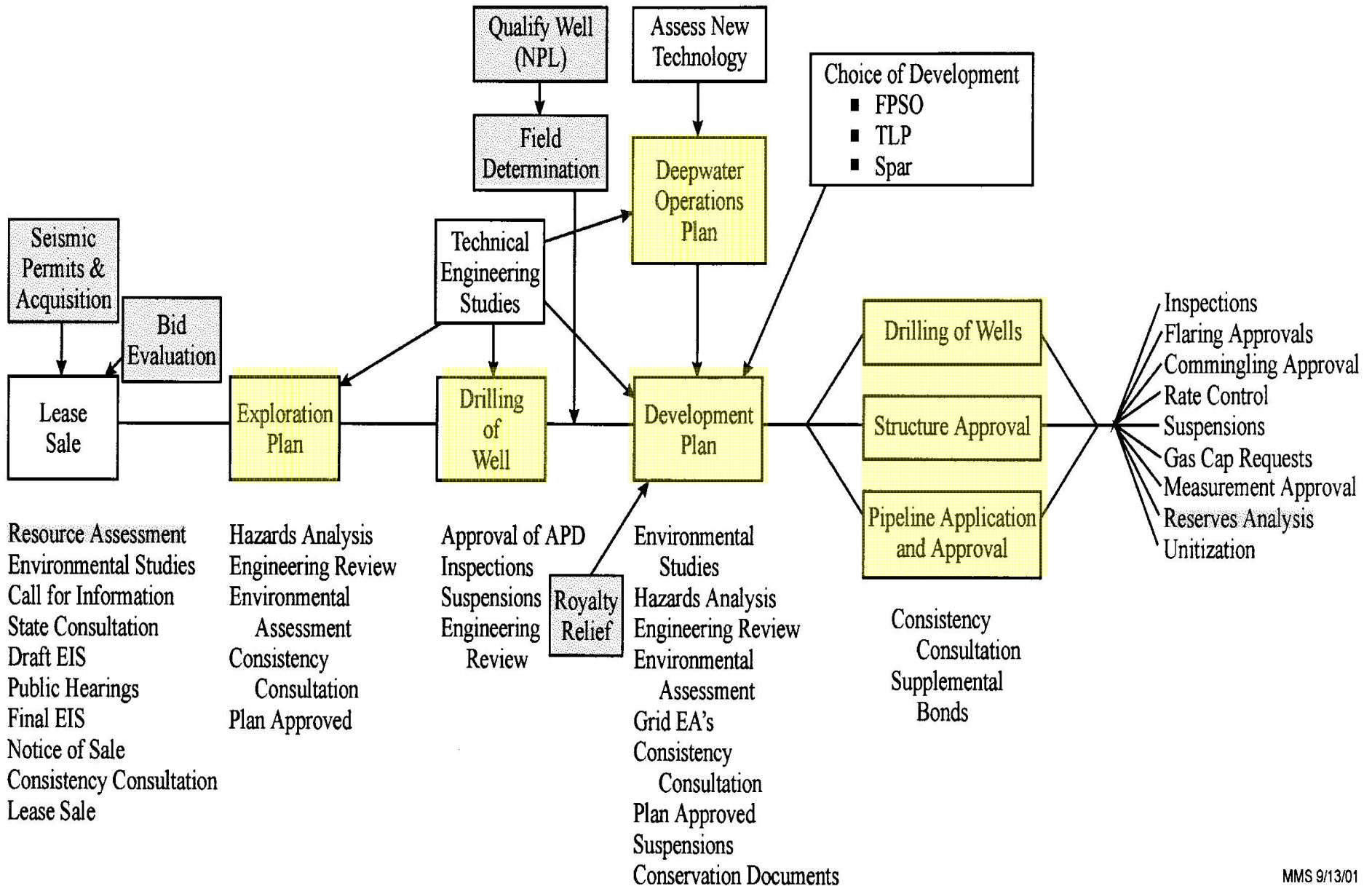


The *Deepwater Horizon*, a dynamically positioned, semisubmersible drilling unit (photo courtesy of Transocean).

- Exploration Activity
- Development Activity
- Deepwater Plans
- Facility Types
- Decommissioning
- Safety & Compliance



Workload from an OCS Lease Sale



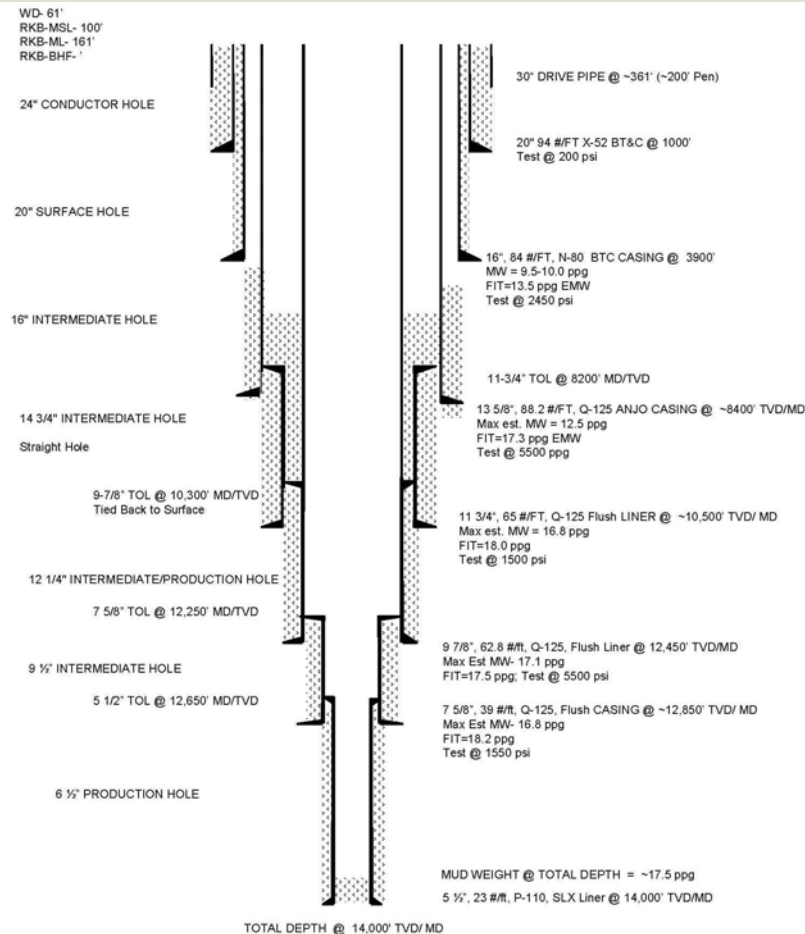
Exploration Activities

- Exploration Plan (390/year)
 - Technical Review
 - Environmental Review (NEPA)
 - Geological and Geophysical review
 - Coastal Zone Consistency
 - Plan Approval



Drilling of a Well

- Application for Permit to Drill (1,675/year)
- Drilling Engineer Review
- Geological and Geophysical Review
- Approval



Drilling Rigs



On November 16, 2003 , a new record was set by drilling a well in 10,011 feet of water.

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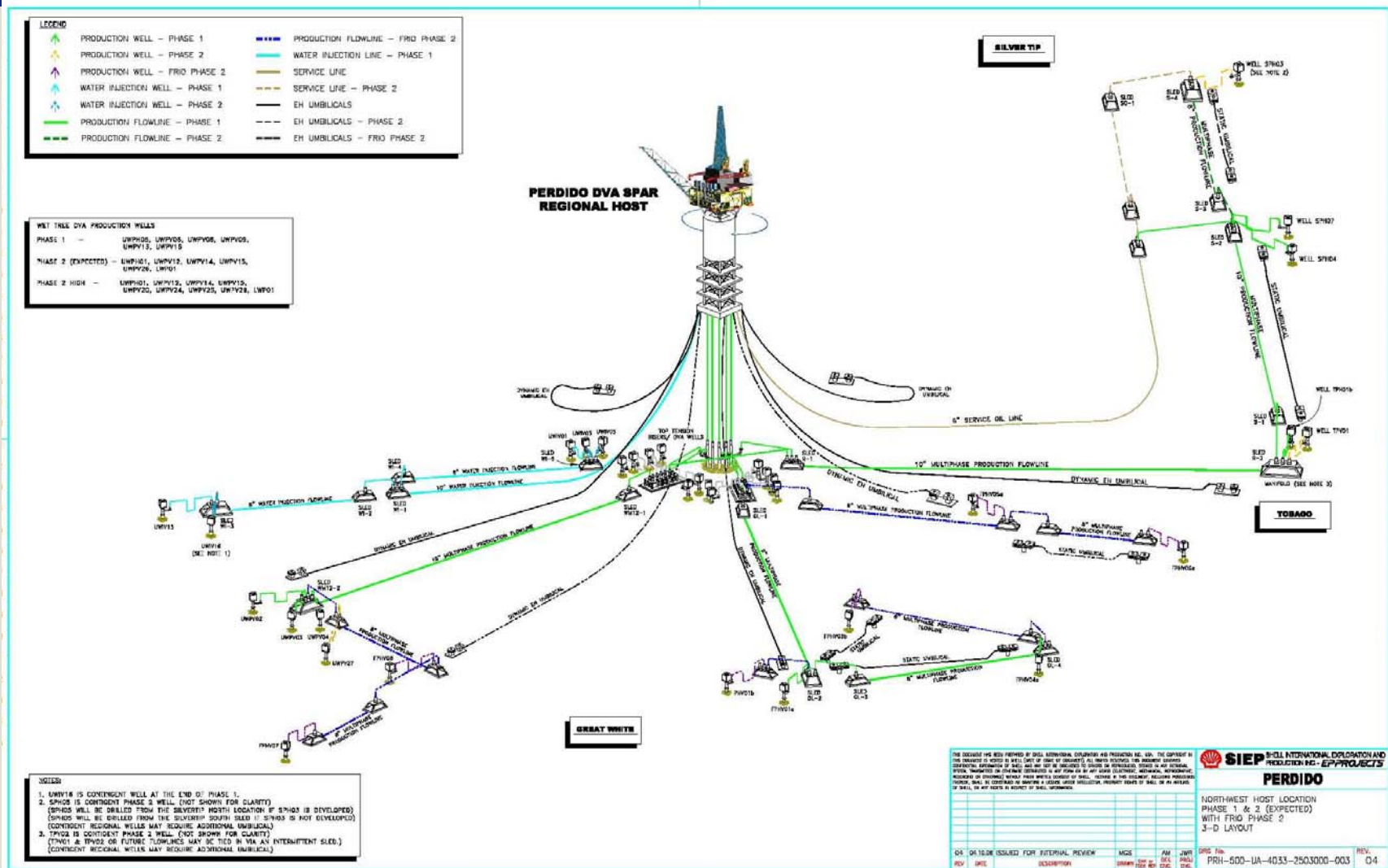


Development Activities

- **Development Plan (325/year)**
 - Technical Review
 - Environmental Review (NEPA)
 - Geological and Geophysical Review
 - Coastal Zone Consistency
 - Plan Approval



Development Plan



Development - Pipelines

- **Pipeline Applications (995 year)**
 - Technical Review
 - Environmental Review (NEPA)
 - Hazards Review
 - Coastal Zone Consistency
 - Approval

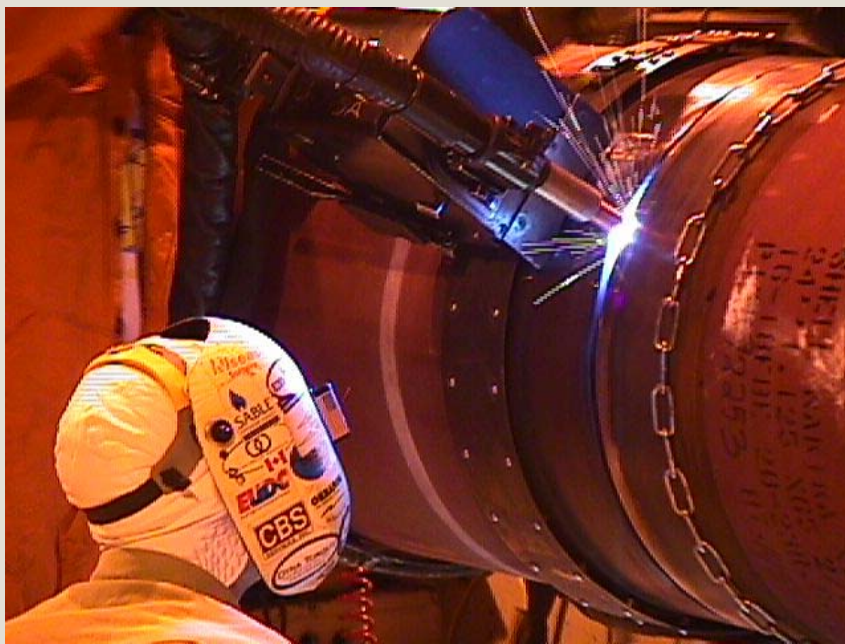
Fact: There is approximately 38,000 miles of pipeline infrastructure on the Gulf seafloor .

The diameter of the Earth at the equator is 7,926.41 miles.

Over 4 times the diameter of the Earth.



Pipeline: Nakika Pipeline Installation



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Pipeline: DEEPBLUE Devil's Tower 18-inch Pipeline



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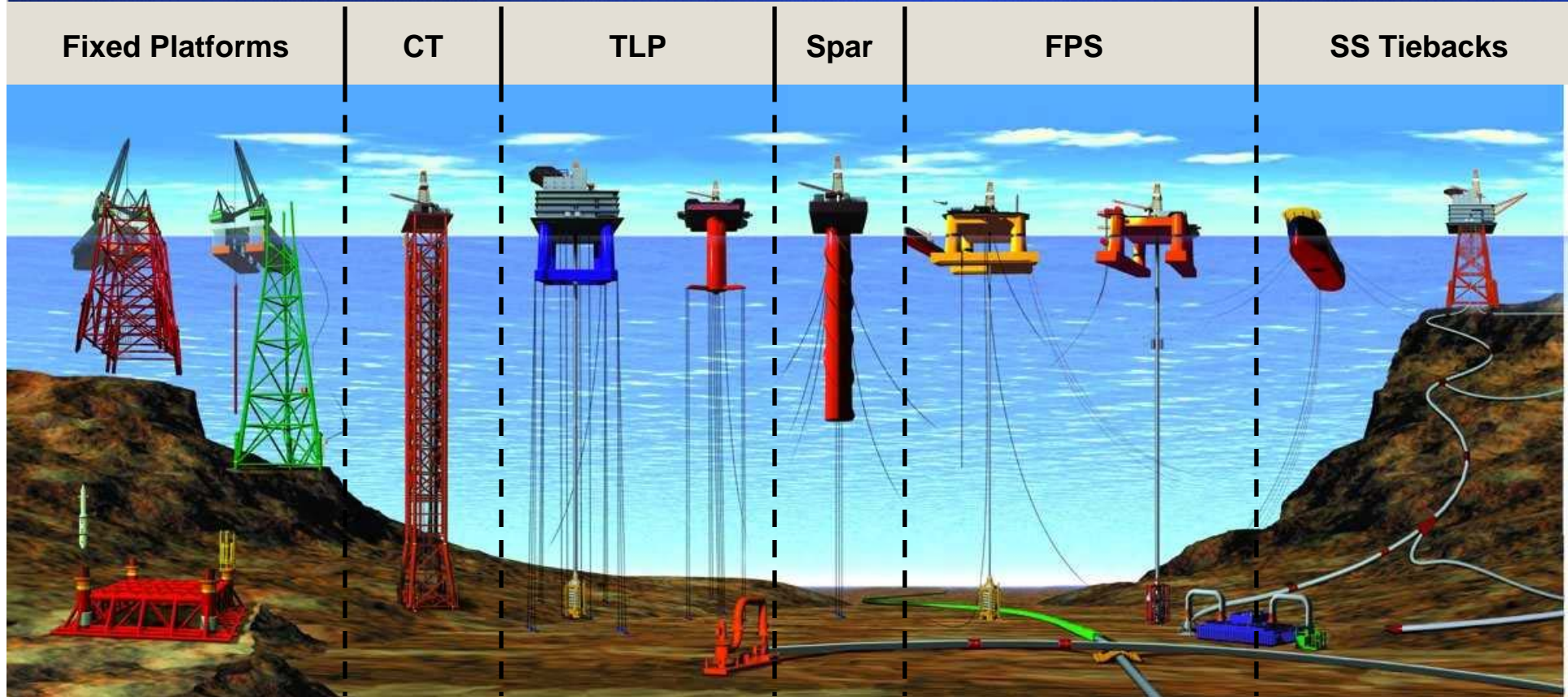


Development - Platforms

- **Structure Permit (150/year)**
 - 3,800 platforms in the GOM
 - Technical Review
 - CVA
 - Approval



Production Facilities of the GOM

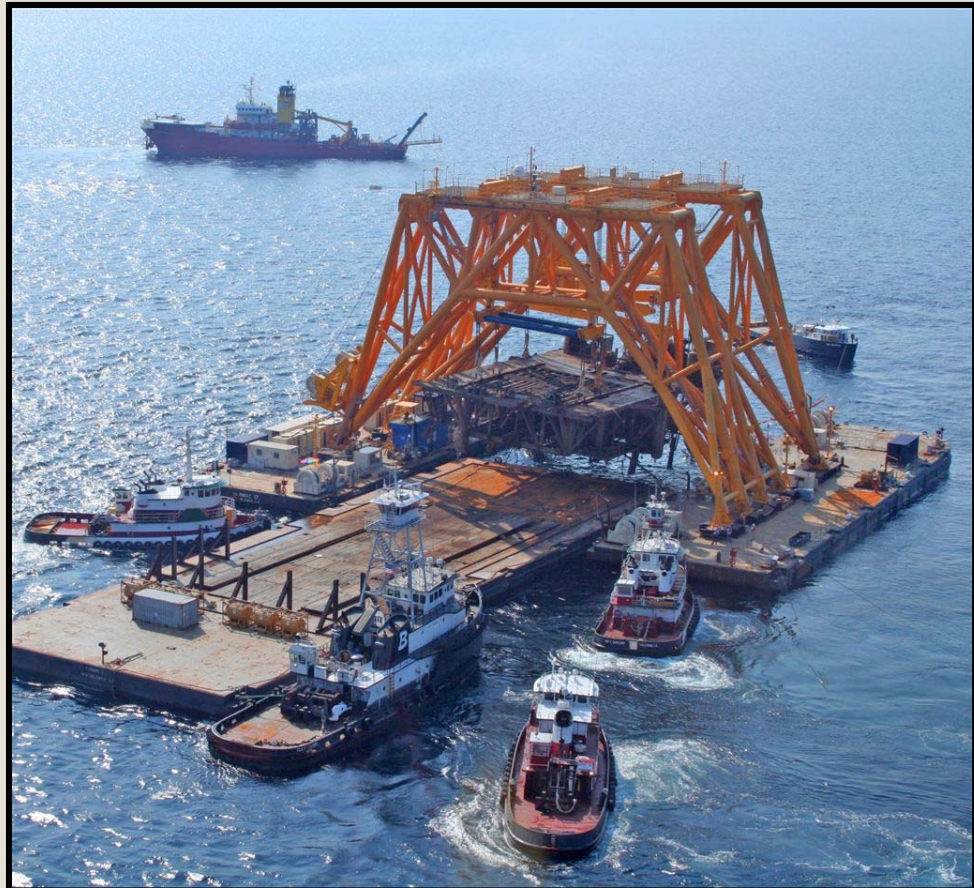


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Decommissioning

- Platform Removal Application (140/year)
 - Technical Review
 - Environmental Review (NEPA)
 - Rigs to Reef
 - Approval
- Well Abandonment
 - Engineer Review
 - 15 feet below mudline
- Pipeline Abandonment
 - Engineer Review



Picture courtesy of McDonough Marine Service



Offshore Safety

- Excellent record for clean and safe operations
- 7,400 active leases
- 39 million acres
- 30,000 offshore workers



Prevention



- Regulations
 - Design
 - Operations
 - Maintenance
- Technology Assessment & Research Program
- Training
 - Audits
 - Drills/Exercises
- Inspections



Safety First

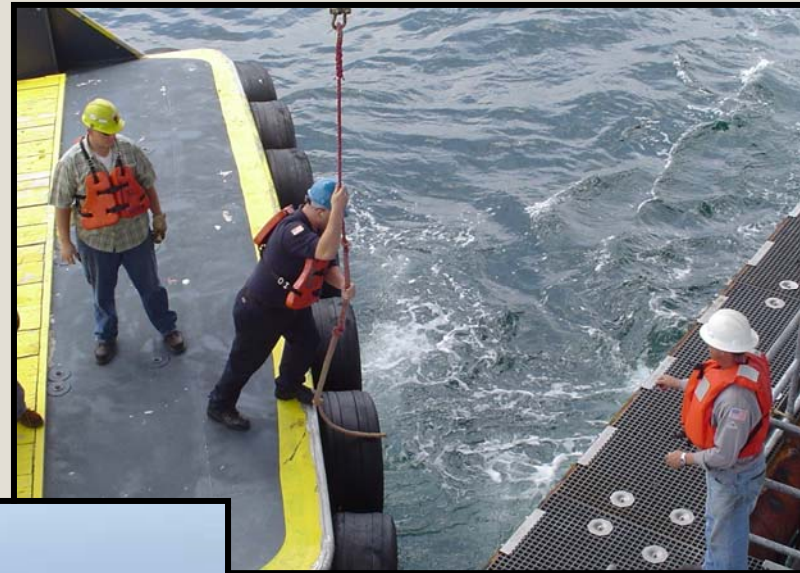


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Compliance - Offshore Presence

- 60 Inspectors
- 14 Helicopters
- 7 days a week



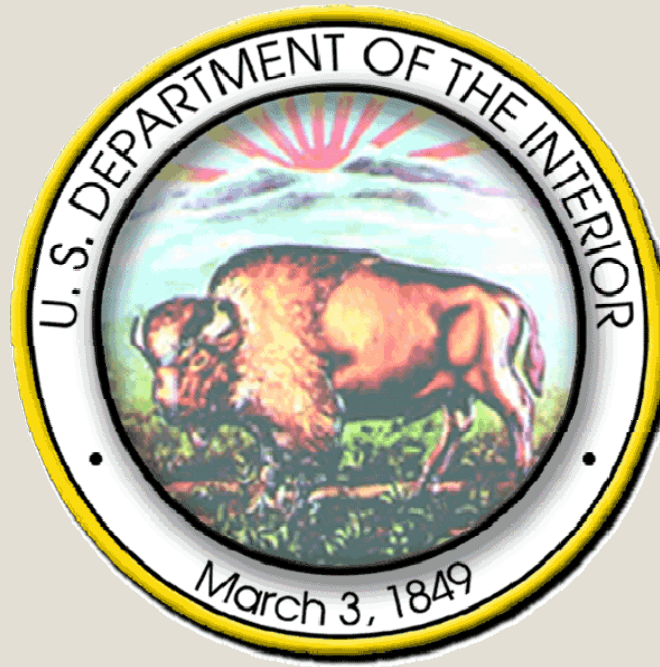
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Types of Inspections

<u>Inspection Type</u>	<u># Inspections</u>
Production	3,073
Drilling	750
Workover	229
Completion	175
Abandonment	41
Environmental	2879
Flaring	473
H2S	10
Accident Investigation	51
USCG	3469
Pipeline	3967
Meter	3828
Other	16



Thank You



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