

# Oil Spill Response Plans

Improving Response Capability

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# Pre-DWH OSRP Review Focus Areas

- Operatorship data
- Certification of WCD capability
- Delegation of authority data
- Required emergency contact information
- Information on compliance with appropriate ACPs
- Alternate technology plans
- Contract(s) with oil spill removal organizations (OSRO) that provide response equipment, personnel, and resources.
- Contract(s) with firms that provide source control equipment, if applicable.
- Adequate oil spill financial responsibility coverage (OSFR)
- Training status for Qualified Individuals (QI), SMT and OSRO staff.
- WCD response capability.



# OSRP Review Focus Areas

- A source control group leader within the SMT, who has received incident command system training on par with other members of the SMT.
  - In Section 7 provide a source control group leader within the Spill Management Team.
  - In Appendix B the individual(s) should be included in training records.

30 CFR 254.23, 254.29



# OSRP Review Focus Areas

- Improved Response Tactics:
  - In Section 10 provide further information on the use of remote sensing to track oil slicks. Include satellite, aerial photographs, Integrated X-band/IR systems.
  - In Section 14 provide information pertaining to the use of vessel tracking systems.

30 CFR 254.5, 254.23



# OSRP Review Focus Areas

- Improved Response Tactics continued:
  - In Section 15 provide a description of the methods and equipment necessary to maximize the effectiveness and efficiency of the response equipment used to recover the discharge on the water's surface.
  - In Appendix H include detailed tactics for open water and near shore spill response. These tactics must be sufficient to rationalize your choice of recovery systems you will use to contain and recover the discharge to the maximum extent practicable.

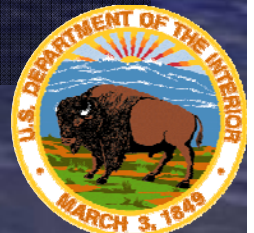
30 CFR 254.30, 254.44, 254.45



# OSRP Review Focus Areas

- In Appendix A provide maps showing pipelines, platforms, and satellite structures listed in each table.
- In Appendix B provide a discussion of the training provided for dispersant and in-situ burn operations.
- In Appendix E provide a current inventory of wildlife rehabilitation services/equipment.

30 CFR 254.53, 254.29, 254.41b



# OSRP Review Focus Areas

- In Appendix H provide:
  - Slick containment equipment for each response scenario.
  - Consider natural weathering, skimmers, dispersants, and in-situ burning as appropriate when calculating response capabilities.
  - Storage capacity consistent with on-water recovery capacity.
  - Shoreline protection that includes near shore skimmers and shoreline boom. Your plan must have a shoreline protection strategy based on the location of the most likely shoreline impact. The equipment should be adequate to protect the length of shoreline projected to be impacted.

30 CFR 254.5, 254.23, 254.26, NTL 2006-G21



# OSRP Review Focus Areas

- In Appendix H provide:
  - Considerations involved in maintaining an ongoing response for a long term response.
  - Provisions to maintain a supply of dispersant and fireproof boom in the instance of a long-term response.
  - Discuss the use of systems from aircraft, response vessels and other platforms as an option for assisting in 24 hour spill tracking and to direct the response.

30 CFR 254.26, 254.30



# OSRP Review Focus Areas

The response scenario  
should include a  
discussion of systems based  
response strategies



# Deepwater Review Focus Areas

- NTL 2010 – N06 – Information Requirements for EPs, DPPs, and DOCDs on the OCS
  - Modifications to the Drilling Worst Case Discharge will be reviewed by the Resource Evaluation Unit



# Deepwater Review Focus Areas

- In Section 6 provide a strategic discussion of source control issues and adequate information describing the types and quantities of surface and subsea containment equipment each operator can access in the event of a spill or threat of spill, and the deployment time for each, including, but not limited to, the following, as applicable:
  - Subsea containment and capture equipment, including containment domes and capping stacks.
  - Subsea utility equipment, including hydraulic power, hydrate control, and dispersant injection equipment.
  - Riser systems.

NTL 2010 – N10

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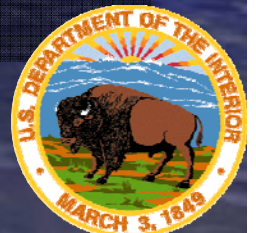


# Deepwater Review Focus Areas

- Section 6 source control continued:
  - Remotely operated vehicles.
  - Capture vessels.
  - Support vessels.
  - Storage facilities
  - Source abatement thru direct intervention.
  - Relief wells.
  - Debris removal from the site of a blowout, if necessary.

NTL 2010 – N10

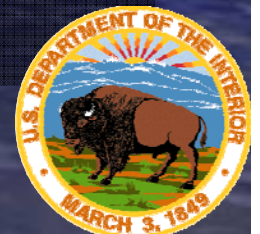
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# Deepwater Review Focus Areas

- Review Section 18 and provide:
  - Updated guidance from RRT VI on the use of sub-sea dispersants. Subsea dispersants are not subject to preapproval authority, and require the responsible party to apply for authorization prior to use.
  - Describe the monitoring protocols to be implemented concurrently with subsea dispersant application.
  - Include information about the use of subsea dispersants as a method to reduce VOC exposure.

30 CFR 254.27



# Deepwater Review Focus Areas

- In Appendix D provide contracts and contracts or other approved methods pertaining to access of source control equipment and vessels.
- In Appendix E provide a list of source control equipment under contract as required by NTL 2010-N10

30 CFR 254.25, 254.24

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# Plan Certification

- BOEMRE will accept OSRP certifications during the approval process.
  - Certification Statement
  - Proof of Contracts (including source control)
  - OSFR Coverage
  - OSRP must be responsive to new review focus areas

30 CFR 254.2, NTL 2008-N05

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# Integrated X-Band/Infra-Red

- Integrated system allows for tracking and thickness determination in all light conditions
- Increase encounter rate
- Decreases the time searching for oil.



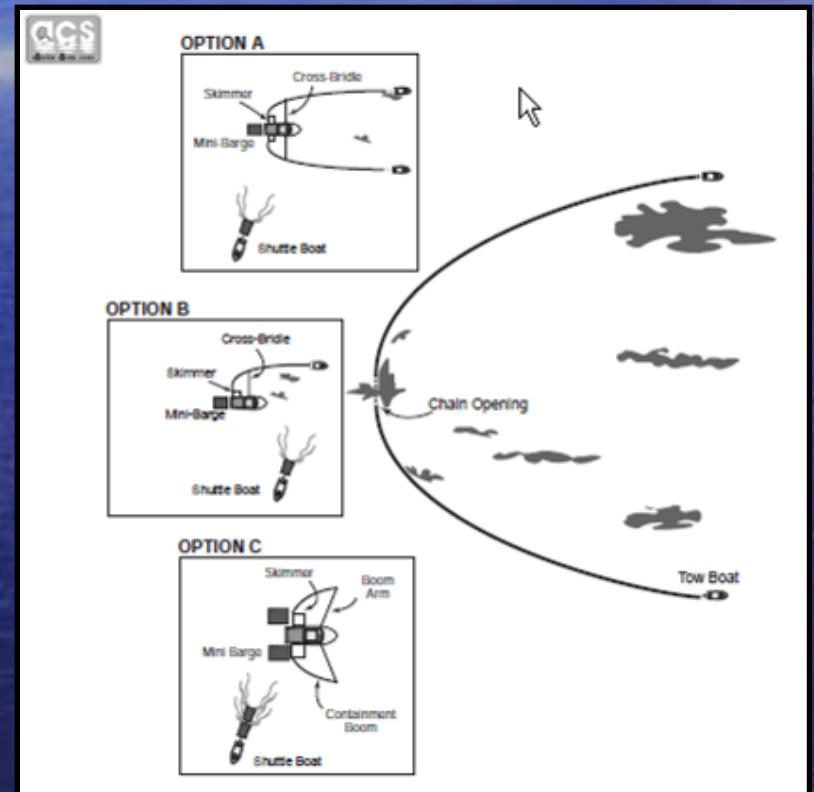
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Chouest/Aptomar Demonstration  
2/28/2011



# Response Tactics

- OSRO developed manual describing response tactics.
- Helps identify methods, personnel, and resources needed for response.
- Would reduce tactics requirements in OSRP



Alaska Clean Seas Technical Manual,  
2010

# Effective Daily Recovery

- BOEMRE and USCG are reevaluating EDRC
  - Modifying derating factor
  - Test-based performance
  - Systems Approach
  - Encounter Rate
  - Geographic considerations
  - Different purpose skimming systems
- Session at IOSC in Portland on Monday

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Thanks

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