Oil Spill Drill
Incident Command, Planning
or
Dress Rehearsals: Preparing to Attack Spills and Manage Response

Andrew Prestridge & Scott Robertson
History
- Offshore Drilling
- DCOR’s Platforms

Philosophy

Drills
- Equipment Deployment
- Incident Management Team
History of Offshore Drilling

- First offshore well – 1897, Summerland piers
- First oil platform – 1932, Rincon “Steel Island”
- First drilling island – 1954, Seal Beach “Monterey”
- CA’s First modern platform – 1954, S.B. “Platform Hazel”
## History of DCOR Platforms

San Pedro Channel

<table>
<thead>
<tr>
<th>Platform</th>
<th>Year Installed</th>
<th>Original Operator</th>
<th>Water Depth (ft)</th>
<th>Distance to Land (miles)</th>
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<tbody>
<tr>
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## Character of DCOR Platforms

### San Pedro Channel

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<th>Platform</th>
<th>API Gravity</th>
<th>Rate of Best Free flowing Well (bbl/day)</th>
<th>Oil Diameter (inches)</th>
<th>Pipeline FlowRate (K BPD)</th>
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## Character of DCOR Platforms
### Santa Barbara Channel

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<th>API Gravity</th>
<th>Rate of Best Free flowing Well (bbl/day)</th>
<th>Oil Diameter (inches)</th>
<th>Pipeline Flow Rate (K BPD)</th>
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</table>
Spill Risks

- Nature of
  - Oil
  - Pipeline size & flow

- Age: Risk dichotomy
  - Equipment  ✓ : ✗
  - Reservoir  ✗ : ✓
Philosophy

- **Prevent** the spill
  - Maintenance
  - Monitoring

- **Prevent** Environmental Injury
  (= be prepared)
  - Equipment Deployment Drills
  - Management Team Drills
Equipment Deployment
Drills
Conduct briefing
Spill tracking buoys
750 ft Expandi Boom. Ensuring valves are in deploy position.
Pick up the boom
“Lower the boom”
Crewboat takes boom
Boom expands as it is unrolled
Towing boom into U-shape around “spill”
MSRC vessels arrive to take over
Boom has been handed off to the MSRC vessels
Completing the “U” to capture the oil
Recovering the "oil"
Deploying MultiSkimmer
Clean Waters 1 arrives on the scene
Recon 2 has handed-off to Clean Waters 1 for boom retrieval
Incident Management Team
Drills
OIL SPILL RESPONSE PLAN
Volume I – CORE
Santa Barbara Channel
and
San Pedro Channel
Platforms, Onshore Facilities, and
Associated Pipelines
Area Contingency Plan (ACP)
Regional Contingency Plan (RCP)

FEDERAL REGION 9
REGIONAL CONTINGENCY PLAN
Region IX Regional Response Team Website
http://www.asrc.mil/9/rrc/web
To Report Spills of Any Kind Call:
National Response Center
(800) 424-8802
(24 Hours)
US EPA Emergency Response Duty Officer: (800) 366-4793
United States Environmental Protection Agency Regional 9
Superfund Division
Regional Response Center
US Coast Guard Emergency Response Duty Officer: (510) 437-3700
United States Coast Guard
F/AAC/Eleventh Coast Guard District Command Center
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DRAFT FINAL
3/03

California Dispersant Plan and
Federal On-Scene Coordinator (FOSC) Checklist
for
California Federal Offshore Waters

December 2004
Coastal Photographs

http://www1.californiacostline.org
Guidelines for the Scientific Study of Oil Spill Effects
(a collection of methods – esp. for NRDA)
SUMMARY

Prevention
Practice
Practice
Practice