

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

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- **History**

- Offshore Drilling
- DCOR's Platforms

- **Philosophy**

- **Drills**

- Equipment Deployment
- Incident Management Team

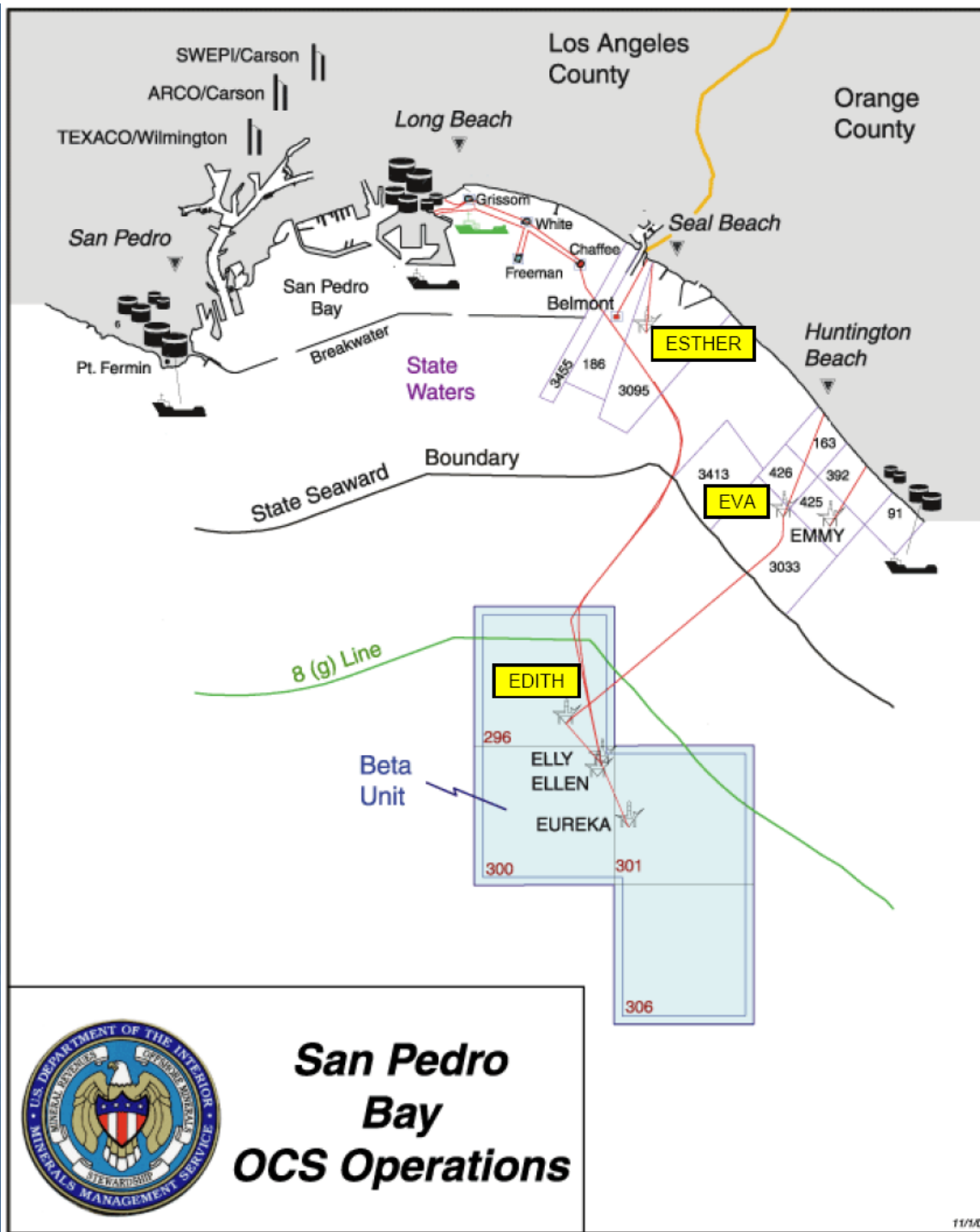
History of Offshore Drilling

- 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

Platform	Year Installed	Original Operator	Water Depth (ft)	Distance to Land (miles)
Esther	1965/ 1986	Chevron	30	1.4
Eva	1964	Union	59	2.1
Edith	1983	Chevron	161	8.5





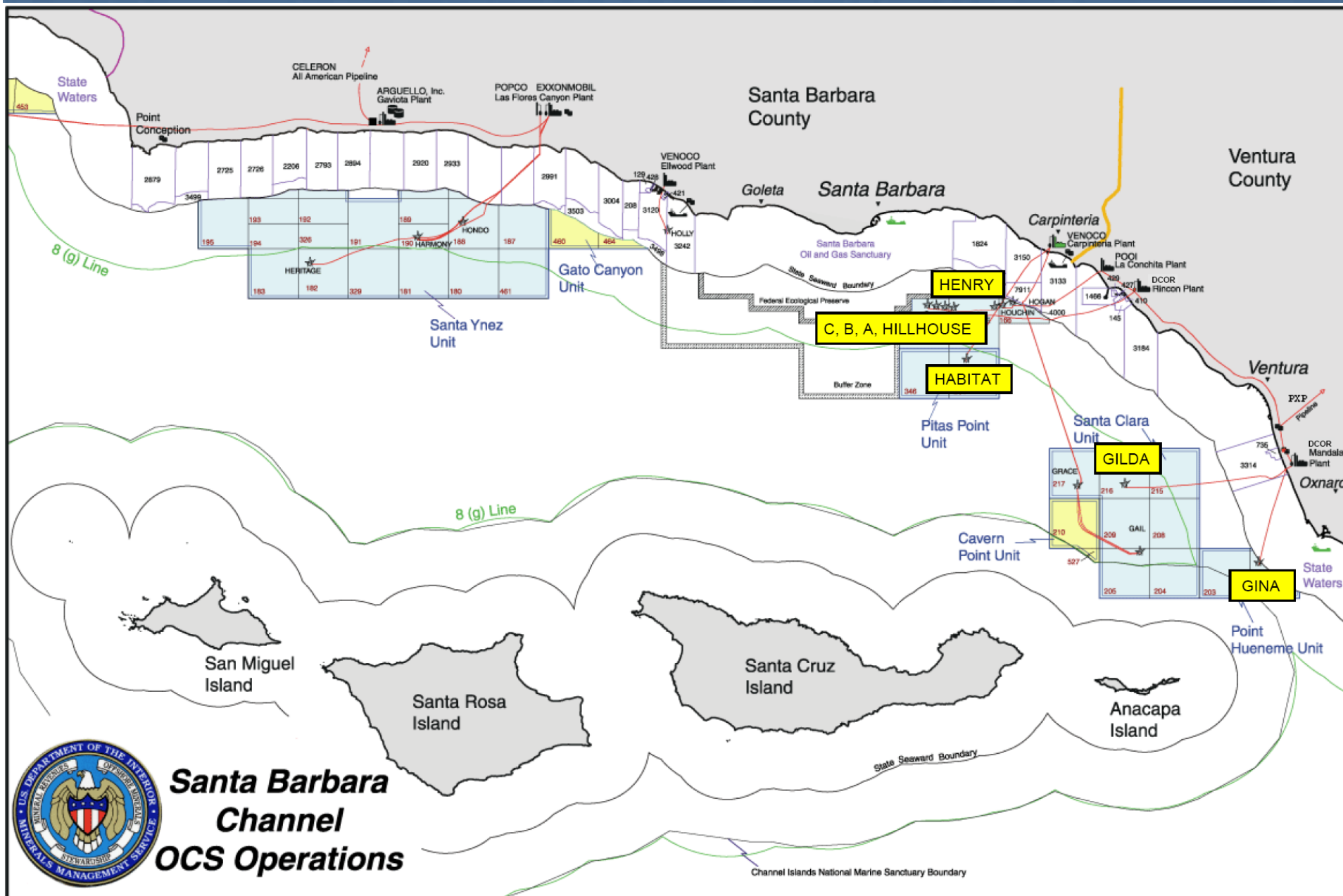
Awe F'shore
©2005

Platform Esther - break time

History of DCOR Platforms

Santa Barbara Channel

Platform	Year Installed	Original Operator	Water Depth (ft)	Distance to Land (miles)
A	1968	Union	188	5.8
B	1968	Union	190	5.7
C	1977	Union	192	5.7
Hillhouse	1969	Sun	190	5.5
Henry	1979	Sun	173	4.3
Habitat	1981	Texaco	290	7.8
Gina	1980	Union	95	3.7
Gilda	1981	Union	205	8.8



Character of DCOR Platforms

San Pedro Channel





Platform	API Gravity	Rate of Best Free flowing Well (bbl/day)	<u>Oil</u> Diameter (inches)	<u>Pipeline</u> FlowRate (K BPD)
Esther	Medium	0	3	3
Eva	Heavy	0	8	2.3
Edith	Heavy	0	6	3

Character of DCOR Platforms

Santa Barbara Channel

Platform	API Gravity	Rate of Best Free flowing Well (bbl/day)	<u>Oil</u> Diameter (inches)	<u>Pipeline</u> FlowRate (K BPD)
A	Medium	0	8	4
B	Medium	0	12	5.5
C	Medium	24	6	5
Hillhouse	Medium	0	8	1.5
Henry	Medium	0	8	2.4
Habitat	Gas	0	n/a	-
Gina	Heavy	0	10	1 - 4
Gilda	Heavy	140	12	4

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



Platform Eva



Conduct briefing



Spill
tracking
buoys



750 ft Expandi Boom.
Ensuring valves are in deploy position



Pick up the boom



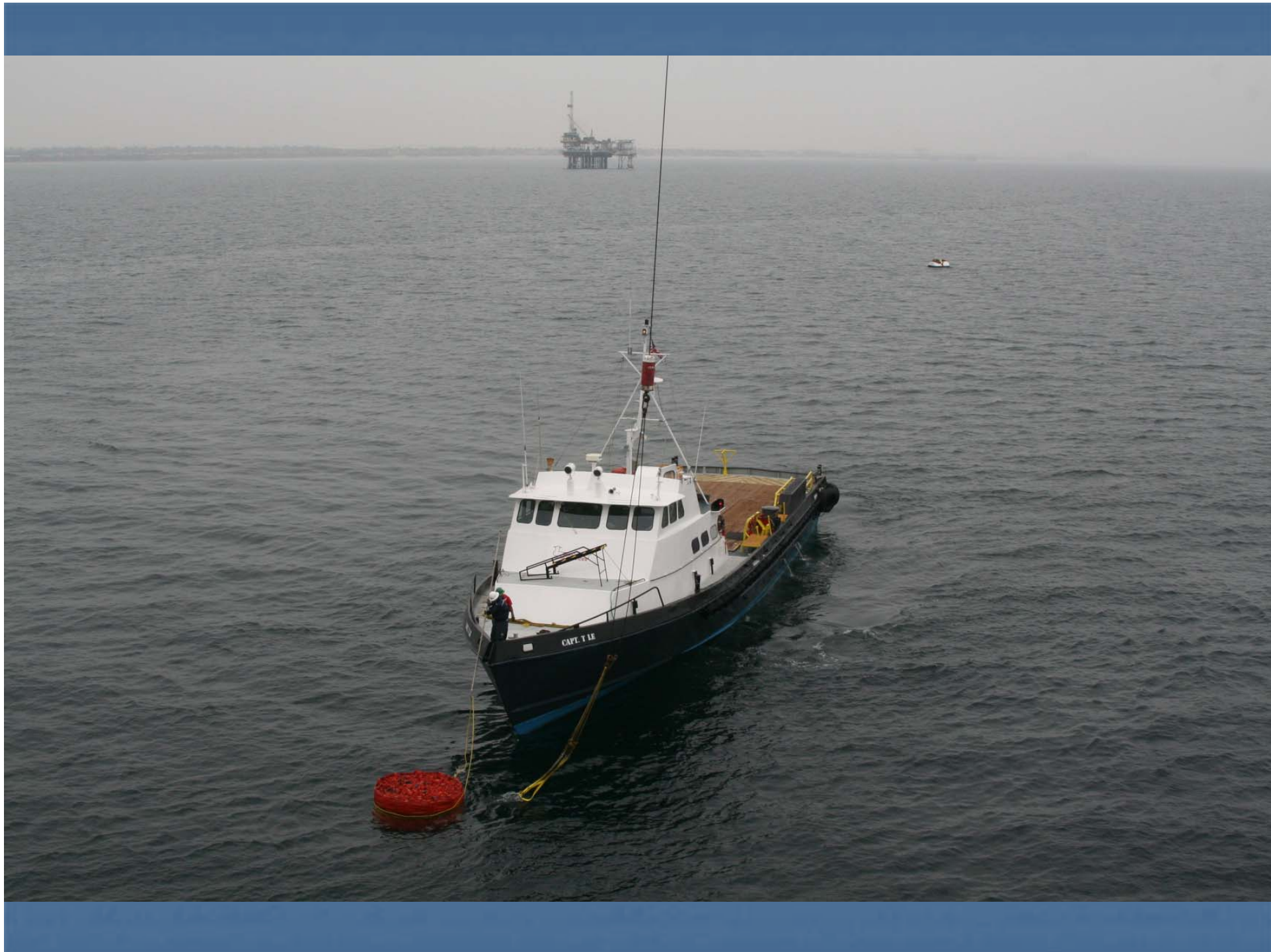




"Lower the boom"



Crewboat
takes boom





Boom expands as
it is unrolled



Towing boom into U-shape
around "spill"

The image shows a black and white tugboat with a blue stripe along its hull, positioned on the left side of the frame. It is towing a long, red, flexible boom that extends across the water towards the right. The boom is being maneuvered into a U-shape, likely to contain an oil spill. The water is a dark, choppy grey. In the far distance, a hazy shoreline with some industrial structures is visible under a grey, overcast sky. The text "Towing boom into U-shape around 'spill'" is overlaid in yellow on the lower-left portion of the image.



MSRC vessels
arrive to take over

A wide-angle photograph of a body of water under an overcast sky. In the foreground, a blue and white boat with yellow buoys is moving. A long red boom stretches across the water. In the background, another boat is visible, and further out, an offshore oil platform stands on the horizon. A seagull is captured in flight in the upper left. The image is framed by blue bars at the top and bottom.

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



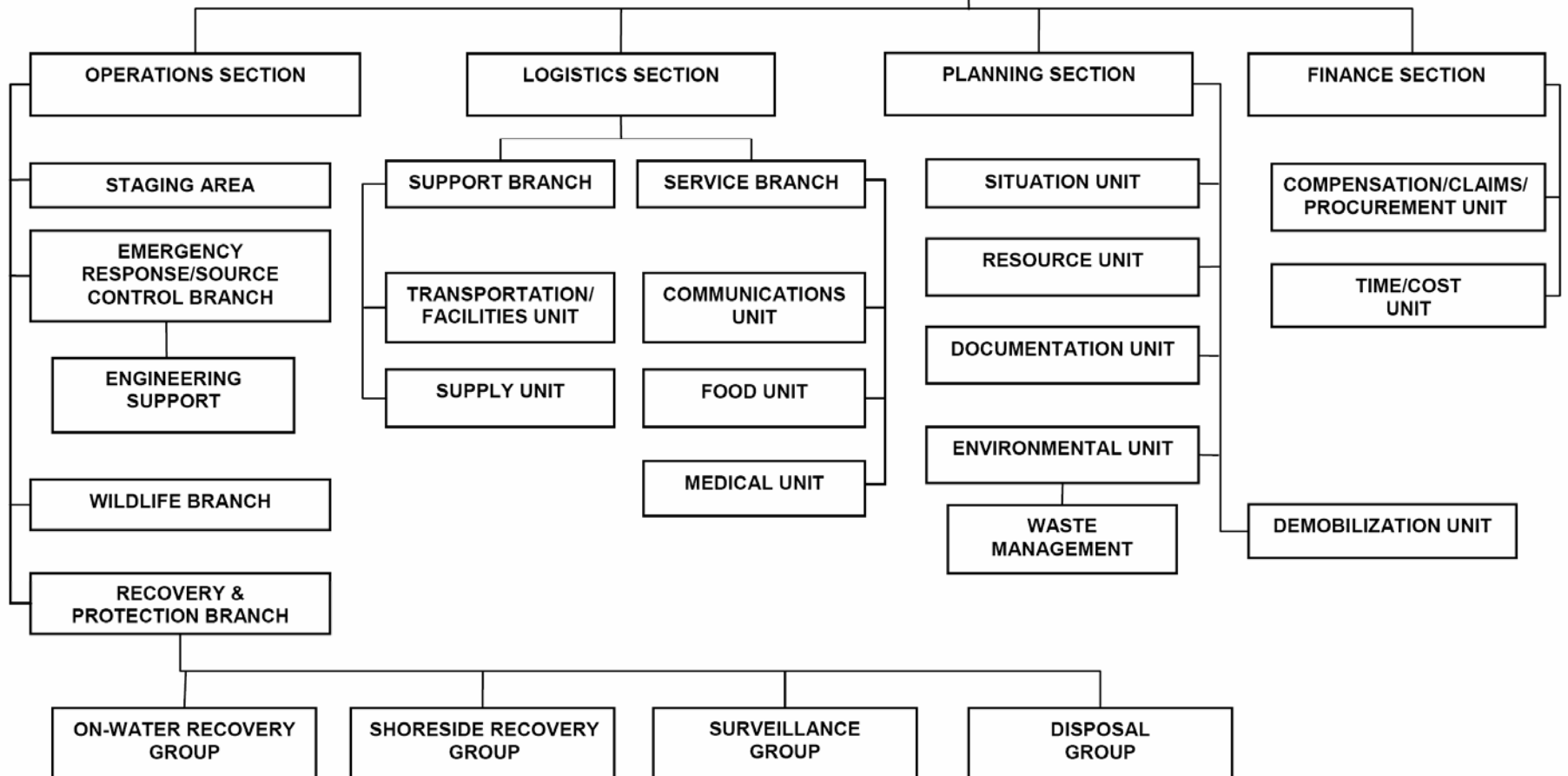
Incident Management Team Drills

DCOR

INCIDENT MANAGEMENT TEAM (IMT)

INCIDENT COMMANDER/
DEPUTY INCIDENT COMMANDER

COMMAND STAFF
GOVERNMENT AFFAIRS OFFICER
LEGAL OFFICER
SAFETY OFFICER
PUBLIC INFORMATION OFFICER
SCRIBE
NRDA





Command Center

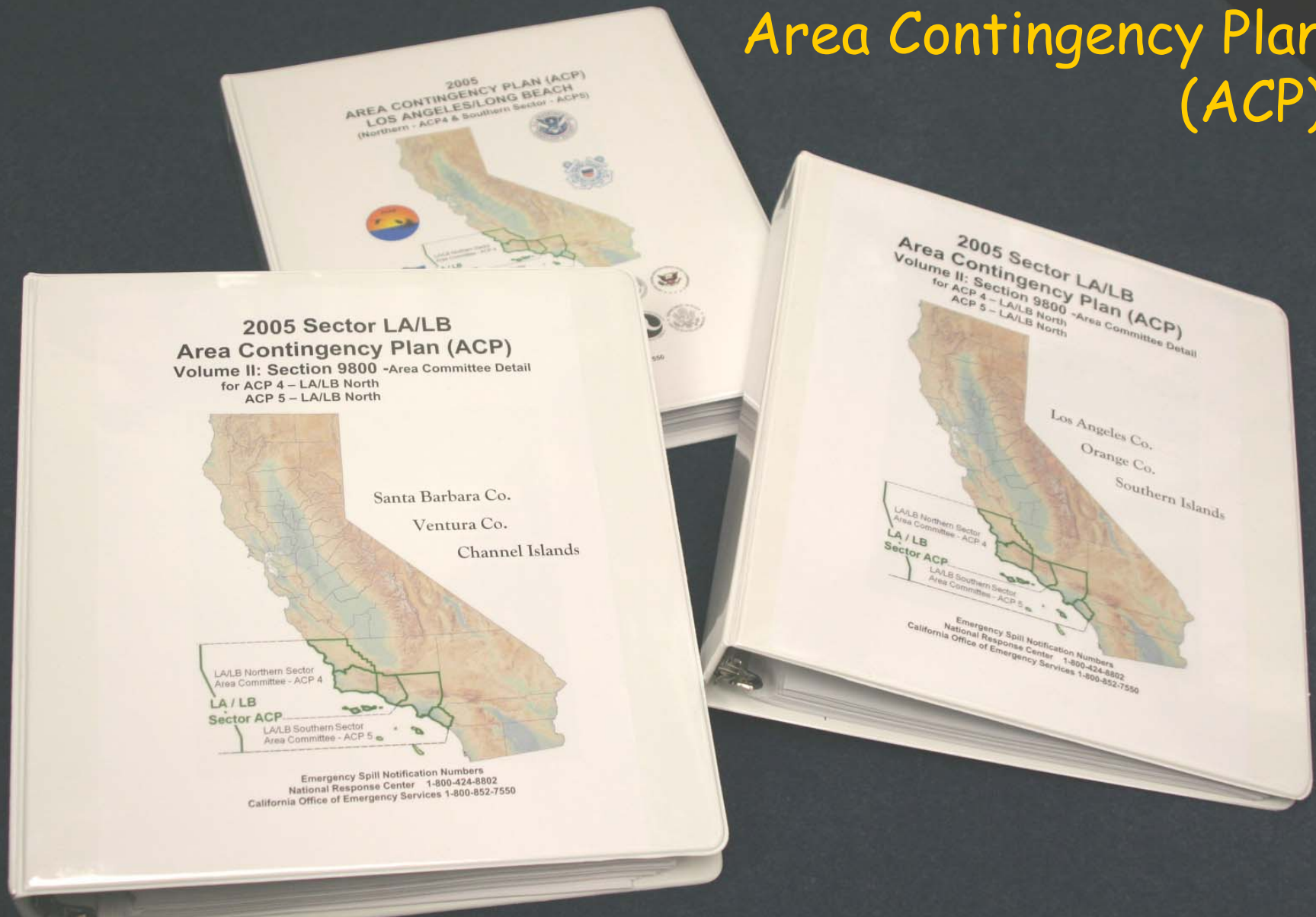
Spill Response Plan



Charts



Area Contingency Plan (ACP)



Regional Contingency Plan (RCP)

FEDERAL REGION 9 REGIONAL CONTINGENCY PLAN

Region IX Regional Response Team Website
<http://www.uscg.mil/d11/m/rrt9web>

To Report Spills of Any Kind Call:

National Response Center
(800) 424-8802
(24 Hours)

US EPA Emergency Response Duty Officer: (800) 300-2193
United States Environmental Protection Agency Region 9
Superfund Division
Regional Response Center

US Coast Guard Emergency Response Duty Officer: (510) 437-3700
United States Coast Guard
PACAREA/Eleventh Coast Guard District Command Center



DRAFT FINAL
5/05

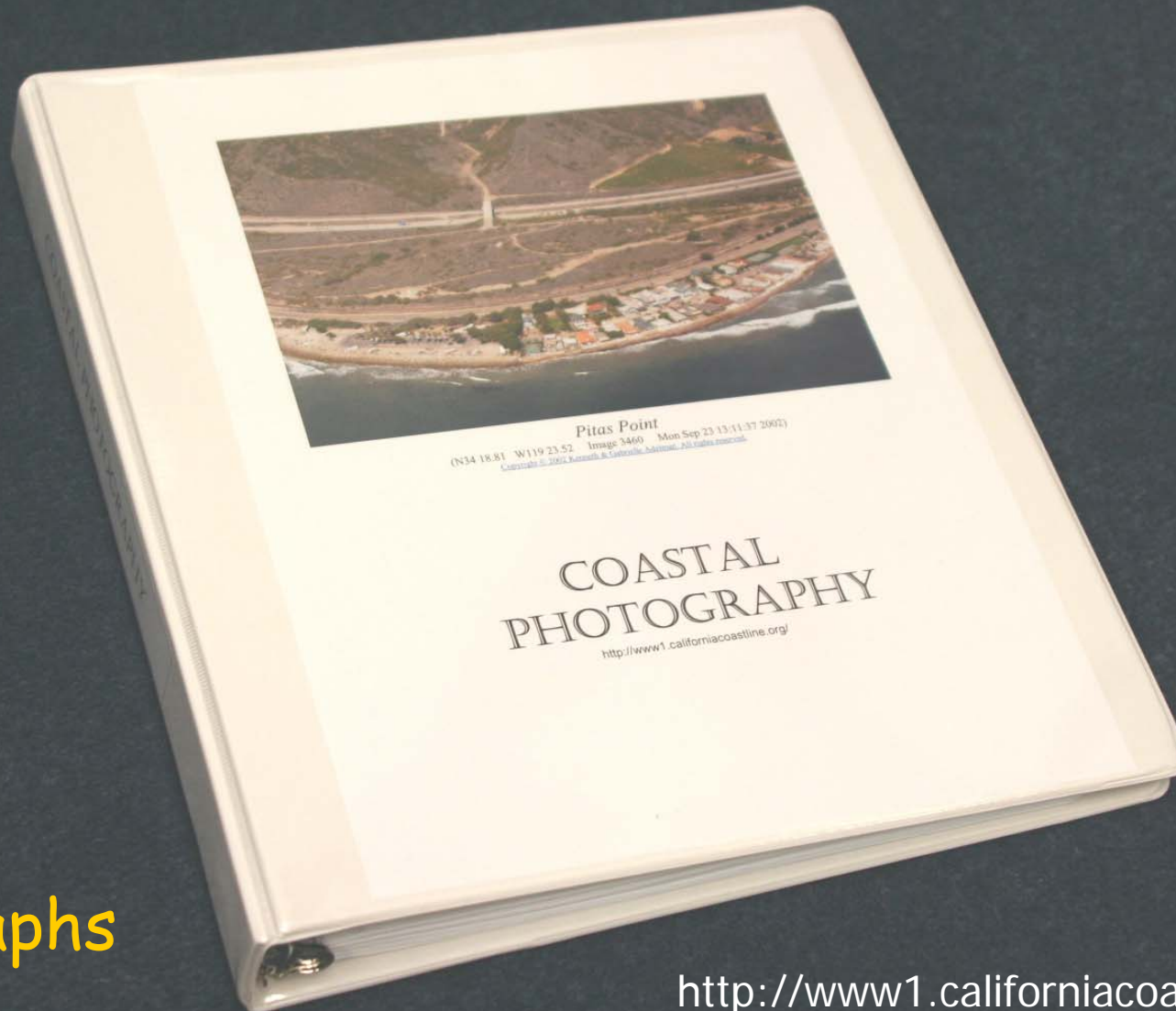
California Dispersant Plan and Federal On-Scene Coordinator (FOSC) Checklist

for
California Federal Offshore Waters

December 2004

Dispersant Plan

Coastal Photographs



<http://www1.californiacoastline.org>



Guidelines for the Scientific Study of Oil Spill Effects
(a collection of methods - esp. for NRDA)

SUMMARY

Prevention

Practice

Practice

Practice