

ANNEX – Potential Places of refuge

In accordance with Regional Response Team Region 9 (RRT9) *Guidelines for Places of Refuge Decision-Making* and COMDTINST 16451.9, this Potential Places of Refuge (PPOR) section provides information/guidance for both an effective and efficient response to requests from ships in need of assistance and seeking a place of refuge. The objective of this section is to identify docking, anchoring, mooring, and/or grounding locations that may be selected as Potential Places of Refuge and to provide decision-making tools in order to enhance the overall effectiveness of the response process. While information on possible sites is pre-inventoried, this does not imply that any of these sites will be the location of choice in a future event. Decision-makers must address both environmental and operational issues when determining where to direct a stricken vessel. The U.S. Coast Guard Captain of the Port (COTP), Los Angeles-Long Beach, has jurisdiction over approving a PPOR site for a vessel in distress. The COTP will confer with other federal, state, and local officials when deciding where and when to move a stricken vessel. Selection of a Place of Refuge by the COTP in consultation with other agencies and stakeholders will always be made on a case-by-case basis. Prior coordination and identification of PPOR sites significantly enhances the decision making process and facilitates the overall response operation. Taking these actions helps prevent or minimize potential adverse effects to the vessel, public, environment, and resource users.

In coordination with the State of California and RRT9, workgroups were established to provide the following: a decision making process to assist USCG COTP in determining whether a vessel needs to be moved to a place of refuge; which place of refuge to use; and a framework for developing pre-incident information on PPOR sites for inclusion in the appropriate sub-area contingency plans.

Keep in mind that there is no perfect docking or anchoring site for all vessels and all situations, the ACP4 and ACP5 sub-area committees convened and developed an approach to pre-survey possible PPOR sites, not pre-determined them. The data gathered was streamlined and incorporated into a California statewide PPOR database. A hard copy of this data is contained within in this section as pre-incident summaries. These pre-incident summaries provide specific information for PPOR sites within the respective areas of responsibility (AOR) and identify the advantages and consequences of the use of each potential site. Pre-identified PPOR sites will be shown on an area index chart. The pre-incident summaries, the PPOR charts and/or the TAP models (where applicable), contain specific geographic and navigational data in addition to information and concerns for the potential impacts on human health and safety and natural resources, and economic consequences for all options a distressed vessel may have to mitigate their situation. Collectively these serve as a job aid designed for use during an incident.

Refer to Section 4900 of this ACP for further guidance.

Additional guidance and/or job aids which may be used in the PPOR decision making process include:

COMDTINST 16451.9, Coast Guard Places of Refuge Policy
http://www.uscg.mil/directives/ci/16000-16999/CI_16451_9.pdf

RRT9, Guidelines for Places of Refuge Decision-Making Appendix XXVI
http://www.dfg.ca.gov/ospr/response/acp/marine/2005RCP/rcp_2005_index.html

The Process for identification of additional geographic-specific PPOR sites within the USCG LA-LB COTP zone may be identified at a future date. Further selection and designation of PPOR sites shall be in accordance with stated policy and guidance.

Definitions

Deep Draft – Vessel having a draft between 25ft – 60ft

Environmental Sensitivity Index (ESI) Maps- NOAA and CDFW-OSPR resources that provide a concise summary of coastal resources that are at risk if an oil spill occurs nearby. Examples of at-risk resources include biological resources (such as birds and shellfish beds), sensitive shorelines (such as marshes and tidal flats), and human-use resources (such as public beaches and parks).

When an oil spill occurs, ESI maps can help responders meet one of the main response objectives; reducing the environmental consequences of the spill and the cleanup efforts. Additionally, ESI maps can be used by planners—before a spill happens—to identify vulnerable locations, establish protection priorities, and identify cleanup strategies.

Place – An area that is delineated by geographic locale, jurisdictional boundaries, environmental considerations, controlling authorities, or other such methodology that groups or links a site or many sites. A place may also be a site, where the place and site are the same and no other sites are designated within the place.

Place/Site Identification – The place identification number is composed of the ACP number, place letter designator, and two digit site number each separated by a hyphen that is assigned to a pre-incident place/site survey.

Potential Place(s) of Refuge (PPOR) – Is defined as a location where a vessel needing assistance can be temporarily move to, and where actions can then be taken to stabilize the vessel, protect human life, reduce a hazard to navigation, and/or protect sensitive natural resources and other uses of the area. A place of refuge may include constructed harbors, ports, docks, anchorages, a natural embayment, potential grounding sites, or offshore waters.

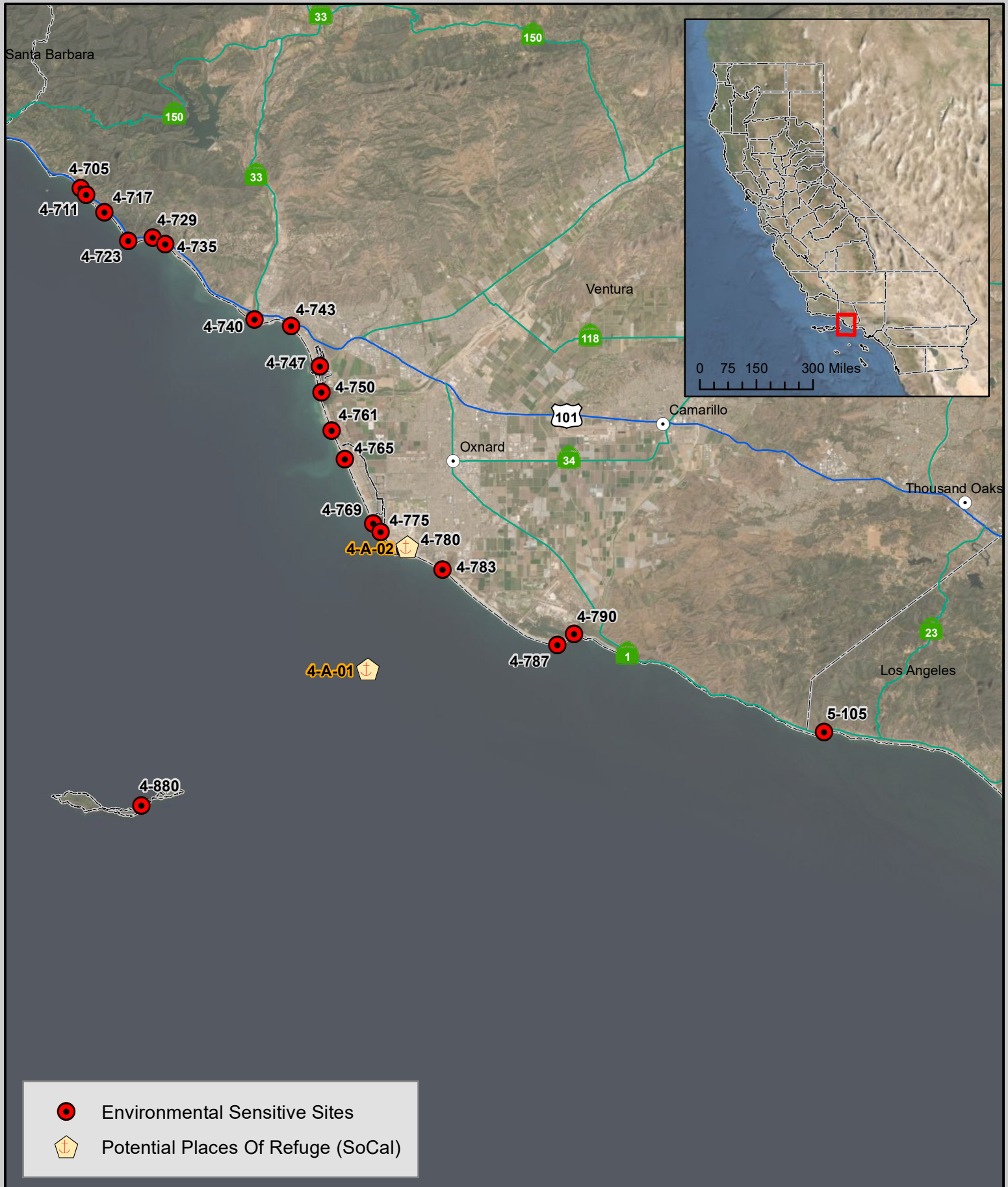
Pre-Incident Summary – Site specific summary which contains detailed geographic and navigational data in addition to information about concerns for the potential impacts on human health and safety, natural resources, and economic consequences.

Site – A subdivision of a place that is a more specific location than the place itself.

ACP #	Place Letter	Site Number
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ACP 4 & 5 Potential Places of Refuge Site Index

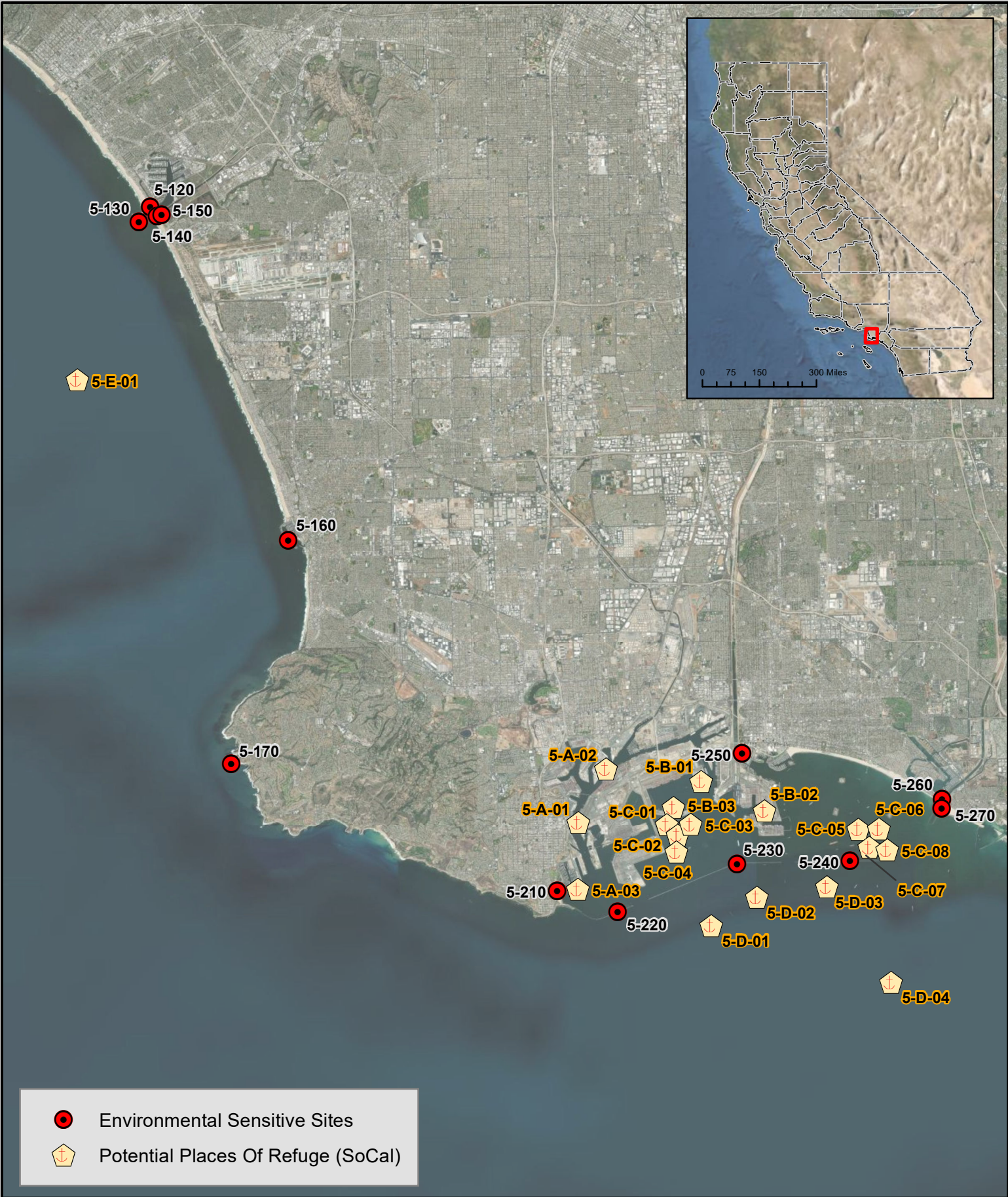
Site #	Place Name	Site Name	County	Latitude	Longitude
4-A-01	Port of Hueneme	Outer Harbor	Ventura	34-04.958' N	119-14.079' W
4-A-02	Port of Hueneme	Inner Harbor	Ventura	34-08.987' N	119-12.472' W
5-A-01	Port of Los Angeles	Berth 234	Los Angeles	33-44.336' N	118-16.471' W
5-A-02	Port of Los Angeles	Berth 175	Los Angeles	33-45.496' N	118-15.719' W
5-A-03	Port of Los Angeles	Berth 46	Los Angeles	33-42.879' N	118-16.513' W
5-B-01	Port of Long Beach	Berth T-124	Los Angeles	33-45.186' N	118-13.241' W
5-B-02	Port of Long Beach	Berth J- 243	Los Angeles	33-44.522' N	118-11.596' W
5-B-03	Port of Long Beach	Pier 12	Los Angeles	33-44.628' N	118-13.978' W
5-C-01	Port of Long Beach	Anchorage B-1	Los Angeles	33-44.255' N	118-14.162' W
5-C-02	Port of Long Beach	Anchorage B-2	Los Angeles	33-44.024' N	118-13.881' W
5-C-03	Port of Long Beach	Anchorage B-3	Los Angeles	33-44.254' N	118-13.532' W
5-C-04	Port of Long Beach	Anchorage B-5	Los Angeles	33-43.654' N	118-13.919' W
5-C-05	Port of Long Beach	Anchorage D-3	Los Angeles	33-44.075' N	118-09.157' W
5-C-06	Port of Long Beach	Anchorage D-4	Los Angeles	33-44.075' N	118-08.616' W
5-C-07	Port of Long Beach	Anchorage D-8	Los Angeles	33-43.675' N	118-08.873' W
5-C-08	Port of Long Beach	Anchorage D-9	Los Angeles	33-43.617' N	118-08.407' W
5-D-01	LA-LB Outer Anch.	Anchorage G-4	Los Angeles	33-42.026' N	118-13.044' W
5-D-02	LA-LB Outer Anch.	Anchorage G-6	Los Angeles	33-42.632' N	118-11.839' W
5-D-03	LA-LB Outer Anch.	Anchorage F-1	Los Angeles	33-42.832' N	118-10.001' W
5-D-04	LA-LB Outer Anch.	Anchorage F-14	Orange	33-40.715' N	118-08.379' W
5-E-01	El Segundo	Anchorage ES-1	Los Angeles	33-54.202' N	118-29.388' W



-  Environmental Sensitive Sites
-  Potential Places Of Refuge (SoCal)

ACP 4

Environmental Sensitive Sites and Potential Places of Refuge



- Environmental Sensitive Sites
- Potential Places Of Refuge (SoCal)

ACP 5

Environmental Sensitive Sites and Potential Places of Refuge

PPOR Pre-Incident Information Summary for Port of Hueneme: Outer Harbor

4-A-01

Latitude: 34° 04.958' 34.1498 Longitude: 119° 14.079' 119.2079

CONTINGENCY

Type:

County: Ventura

Anchorage

Location Description:

AREA

This PPOR is located in the Santa Barbara Channel adjacent to the Northbound Coastwise Traffic Lane and approximately 4.5 miles south of the entrance to Port Hueneme Harbor. The location is over a former dump site in the Pacific Missile Test Range.

BEACH

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

- California least terns may forage in Port Hueneme and Channel Islands Harbor area during the spring and summer.
- California least terns and western snowy plovers (Mar-Sep) nest on dunes in and above the wrackline about one mile downcoast of the fishing pier at Ormond Beach.
- Belding's savannah sparrows nest in the wetland at Ormond beach.
- Tidewater gobies are present in the estuary at Ormond beach.
- There is a California least tern and western snowy (Apr-Sept) nesting colony north of Channel Islands Harbor at Hollywood Beach.

Critical Habitat for TAES:

- Two areas are critical habitat for western snowy plovers around this PPOR. The first is east of Port Hueneme Harbor to the western boundary of Point Mugu Naval Base. The second is from the Santa Clara River to Channel Islands Harbor.
- Tidewater goby critical habitat is located at J Street Drain-Ormond Lagoon.

Sensitive Non-protected (Non-TAES) Species:

- Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
- Presence of marine mammals all year.
- Grunion spawning on adjacent beaches during nighttime at the highest spring tides during spring and summer.
- Presence of invertebrate, such as pismo clams, on ocean facing sand beaches all year.
- Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers within and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None, however, ACP sensitive sites such as wetlands, creek mouths, sand beaches, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

Ventura River, Santa Clara-Calleguas, and Calleguas Hydrologic Units include all naturally spawned populations of Southern California steelhead (within Ventura County) and their progeny in the estuarine and stream channel areas. All water inside and outside of the port should be considered EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Cultural, historical, and archaeological sites are known to exist at the Naval Base Ventura County. Knowledge of these sites and surrounding areas are limited to certain persons and agencies. Contact the following during a POR incident:

- Dan Shide, US Navy Director of Environmental Division (805) 989-3805
- Native American Heritage Commission (916) 373-5471
- State Office of Historical Preservation (916) 445-7000
- South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

Outside of the port in nearshore waters:

Recreational Species and Habitat:

Outside of Port Hueneme, the following recreational fisheries are:

PPOR Pre-Incident Information Summary for Port of Hueneme: Outer Harbor

4-A-01

Latitude: 34° 04.958' 34.1498 Longitude: 119° 14.079' 119.2079

CONTINGENCY

Type:

County: Ventura

Anchorage

- Round haul fisheries for squid, sardine, mackerel, and anchovy.
- Hook and line fisheries for groundfish, halibut, and other species.
- Trap fisheries for lobster, crab, prawn, and live fish.
- Dive fisheries for sea urchin and sea cucumber.

In water further that 3 miles from shore:

- Gillnet fisheries for halibut, white seabass, shark, and swordfish.
- Trawl fisheries for halibut, prawn, and sea cucumber.

- Surf fishing for surf perches, halibut, shark, and croakers.
- Clamming in the surfline.
- Lobster diving.
- Free and SCUBA dive spearfishing (several species).
- Hoop netting for crab and lobster.
- Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
- Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Hueneme: Outer Harbor

4-A-01

Latitude: 34° 04.958' 34.1498 Longitude: 119° 14.079' 119.2079

CONTINGENCY

Type:

County: Ventura

Anchorage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

The port is in close proximity to businesses and homes in the community and on the Naval Base.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce, major port for cars.

Economic Impact on Commercial Fishing and Aquaculture:

Economic Impact on Non-maritime Commerce:

Minimal waterfront businesses other than those directly associated with the maritime industry.

Economic Impact on Recreational Fishing and Marine Tourism:

Sportfishers operate out of the port.

Other Economic Impacts: ANGELES-LONG

LOS

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Christine Birdsey Director of Security	Port Hueneme Oxnard Harbor District	(805) 488-3677	
Kristin Decas Port CEO	Port of Hueneme Oxnard Harbor District	(805) 488-3677	
John Demers Chief of Operations	Port Hueneme Oxnard Harbor District	(805) 488-3677	
Brian Edsinger Emergency Manager	Naval Base Ventura County	(805) 989-9696	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Hueneme OHD - (805) 488-3677

Marine Fire Fighting Resources: Ventura County Fire Department

Approximate Tug Response Time: Brusco tugs, 30 min

List of Nearby Environmentally Sensitive Sites: 4-783-A, 4-780-C, 4-775-C, 4-769-A, 4-780-A

Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
	5.4	Mud	1300	245	Negligible		July through October	Yes		<input checked="" type="checkbox"/>

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Outer Harbor					Port Hueneme shares it's harbor with Naval Base Ventura County.	

Site Contact/Leasee/Owner: Naval Base Ventura County -

PPOR Pre-Incident Information Summary for Port of Hueneme: Inner Harbor

4-A-02

Latitude: 34° 08.987' 34.0826 Longitude: 119° 12.472' 119.2347

CONTINGENCY

Type:

County: Ventura

Dockage

Location Description:

AREA

This PPOR is located inside Port Hueneme. The port s entrance faces southwest. It is protected by rip-rap jetties on the north and south of the opening. The port is the only deep water port between LA/LB Harbors and SF Bay. The Hueneme submarine canyon occurs immediately ~~off~~ of the port entrance; the 120 foot depth profile is only 900 feet seaward of the jetties. The port is used primarily by the US Navy and by commercial shipping interests, but has limited berthing for commercial and sport fishing vessels. Shorelines within the port are protected by a combination of boulder rip-rap and concrete seawalls with wharves supported by concrete pilings. There is a Navy launch ramp and parking lot at the extreme north end of the harbor. Private mariculture facilities are located on the south side of the harbor entrance.

Natural Resource Concerns and Issues for this Place / Site

ANGELES-LONG

Threatened and Endangered Species (TAES):

-California least terns may forage in harbor area during the spring and summer
-California least terns and western snowy plovers (Mar-Sep) nest on dunes in and above the wrackline about one mile downcoast of the fishing pier at Ormond Beach.

Critical Habitat for TAES: LOS

Critical habitat for western snowy plovers east of Port Hueneme Harbor from the harbor to the west boundary of Point Mugu Naval Base.

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during spring and summer.
-Presence of invertebrate, such as pismo clams, on ocean facing sand beaches all year.
-Presence of intertidal and subtidal inveretbrates, fishes, and kelp; all associated with riprap and piers within and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None, however, ACP sensitive sites such as wetlands, creek mouths, sand beaches, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

Ventura River, Santa Clara-Calleguas, and Calleguas Hydrologic Units include all naturally spawned populations of Southern California steelhead (within Ventura County) and their progeny in the estuarine and stream channel areas. All water inside and outside of the port should be considered EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Cultural, historical, and archaeological sites are known to exist at the Naval Base Ventura County. Knowledge of these sites is limited to certain persons and agencies. Contact the following during a POR incident:
-Dan Shide, US Navy Director of Environmental Division (805) 989-3805
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

Outside of the port in nearshore waters:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.

Recreational Species and Habitat:

Outside of Port Hueneme, the following recreational fisheries are:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Clamming in the surfline.

PPOR Pre-Incident Information Summary for Port of Hueneme: Inner Harbor

4-A-02

Latitude: 34° 08.987' 34.0826 Longitude: 119° 12.472' 119.2347

CONTINGENCY

Type:

County: Ventura

Dockage

-Trap fisheries for lobster, crab, prawn, and live fish.
 -Dive fisheries for sea urchin and sea cucumber.
 In water further that 3 miles from shore:
 -Gillnet fisheries for halibut, white seabass, shark, and swordfish.
 -Trawl fisheries for halibut, prawn, and sea cucumber.

AREA
 -Lobster diving.
 -Free and SCUBA dive spearfishing (several species).
 -Hoop netting for crab and lobster.
 BEACH
 -Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
 -Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
 All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.
 LOS

PPOR Pre-Incident Information Summary for Port of Hueneme: Inner Harbor

4-A-02

Latitude: 34° 08.987' 34.0826 Longitude: 119° 12.472' 119.2347

CONTINGENCY

Type:

County: Ventura

Dockage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

The port is in close proximity to businesses and homes in the community and on the Naval Base.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce, major port for cars and bananas.

Economic Impact on Commercial Fishing and Aquaculture:

Economic Impact on Non-maritime Commerce:

Minimal waterfront businesses other than those directly associated with the maritime industry.

Economic Impact on Recreational Fishing and Marine Tourism:

Sportfishers operate out of the port.

Other Economic Impacts:

ANGELES-LONG

LOS

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Christine Birdsey Director of Security	Port Hueneme Oxnard Harbor District	(805) 488-3677	
Kristin Decas Port CEO	Port of Hueneme Oxnard Harbor District	(805) 488-3677	
John Demers Chief of Operations	Port Hueneme Oxnard Harbor District	(805) 488-3677	
Brian Edsinger Emergency Manager	Naval Base Ventura County	(805) 989-9696	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Hueneme OHD - (805) 488-3677

Marine Fire Fighting Resources: Ventura County Fire Department

Approximate Tug Response Time: Brusco tugs on site

List of Nearby Environmentally Sensitive Sites: 4-780-A

Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
	5.4	Mud	0	35	Negligible		July through October	Yes		<input checked="" type="checkbox"/>

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Inner Harbor			30	1800	Port Hueneme shares it's harbor with Naval Base Ventura County.	

Site Contact/Leasee/Owner: Port Hueneme Wharfingers - (805) 488-4615

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 234

5-A-01

Latitude: 33° 44.336' 33.7389 Longitude: 118° 16.471' 118.2745

CONTINGENCY

Type:

County: Los Angeles

Dockage

Location Description:

AREA

Seaside Transportation Services Evergreen Container Terminal (389 Terminal Island Way, Terminal Island). 3 berths; 4,700' total berth length; 13.8' to 15' height 38' to 45' depth.

BEACH

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

California least terns may forage in the port area during the spring and summer.

Critical Habitat for TAES:

California least tern colony on Pier 400.

Sensitive Non-protected (Non-TAES) Species:

- Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
- Presence of sea lions and harbor seals all year.
- Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
- Presence of invertebrates on ocean facing sand beaches all year.
- Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

ANGELES-LONG

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

- No commercial fishing is allowed in the Port of Los Angeles, however, outside of the port there are the following fisheries:
- Round haul fisheries for squid, sardine, mackerel, and anchovy.
 - Hook and line fisheries for groundfish, halibut, and other species.
 - Trap fisheries for lobster, crab, prawn, and live fish.
 - Dive fisheries for sea urchin.
- In water further than 3 miles from shore:
- Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
 - Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

- There is no recreational fishing allowed in the industrial areas of the Port of Los Angeles, however, recreational fishing is allowed at the Cabrillo Beach Pier and the adjacent beach. Outside of the port, there are the following recreational fisheries:
- Surf fishing for surf perches, halibut, shark, and croakers.
 - Pier fishing.
 - Clamming in the surfline.
 - Lobster diving.
 - Free and SCUBA dive spearfishing (several species).
 - Hoop netting for crab and lobster.
 - Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 234

5-A-01

Latitude: 33° 44.336' 33.7389 Longitude: 118° 16.471' 118.2745

CONTINGENCY

Type:

County: Los Angeles

Dockage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 234

5-A-01

Latitude: 33° 44.336' 33.7389 Longitude: 118° 16.471' 118.2745

CONTINGENCY

Type:

County: Los Angeles

Dockage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

San Pedro is a densely populated area west of the port. Within the port's marinas there is a substantial live aboard population. Los Angeles Port Police and Los Angeles Fire Dept. will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce. BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor, San Pedro Slip, and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Los Angeles.

Economic Impact on Non-maritime Commerce:

Neighboring Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Catalina Island passenger boats operates from Berth 95 with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Long Beach. Berth 94 is the Los Angeles Cruise Terminal. Berths 36 and 79 are sportfishing charter operations. There is a fishing pier at Cabrillo Beach.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
John Betz Captain	Port of Los Angeles Pilots	(310) 732-3805	
Manuel Ramirez Env. Specialist	Port of Los Angeles	(310) 732-3782	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Los Angeles - (310) 732-3860 Marine Fire Fighting Resources: LAFD Sta 112, Sta 49

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean of 3.			0	Follow axis of channels and rarely exceeds 1kt.		Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 234

5-A-01

Latitude: 33° 44.336' 33.7389 Longitude: 118° 16.471' 118.2745

CONTINGENCY

Type:

County: Los Angeles

Dockage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Berth 234		0	38	4700		
Site Contact/Leasee/Owner:		Seaside Transportation Services - (310) 241-1700					

ANGELES-LONG

LOS

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 175

5-A-02

Latitude: 33° 45.496' 33.7583 Longitude: 118° 15.719' 118.262

CONTINGENCY

Type:

County: Los Angeles

Dockage

Location Description:

AREA

Pasha general cargo breakbulk facility (802 S. Fries Ave., Wilmington, CA). 3 berths; 3,300' total berth length; 11.2' to 15' height; water depth 35' to 45'.

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

California least terns may forage in the port area during the spring and summer.

Critical Habitat for TAES:

California least tern colony on Pier 400.

Sensitive Non-protected (Non-TAES) Species:

- Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
- Presence of sea lions and harbor seals all year.
- Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
- Presence of invertebrates on ocean facing sand beaches all year.
- Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:

- Native American Heritage Commission (916) 373-5471
- State Office of Historical Preservation (916) 445-7000
- South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

- No commercial fishing is allowed in the Port of Los Angeles, however, outside of the port there are the following fisheries:
- Round haul fisheries for squid, sardine, mackerel, and anchovy.
 - Hook and line fisheries for groundfish, halibut, and other species.
 - Trap fisheries for lobster, crab, prawn, and live fish.
 - Dive fisheries for sea urchin.
- In water further than 3 miles from shore:
- Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
 - Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

- There is no recreational fishing allowed in the industrial areas of the Port of Los Angeles, however, recreational fishing is allowed at the Cabrillo Beach Pier and the adjacent beach. Outside of the port, there are the following recreational fisheries:
- Surf fishing for surf perches, halibut, shark, and croakers.
 - Pier fishing.
 - Clamming in the surfline.
 - Lobster diving.
 - Free and SCUBA dive spearfishing (several species).
 - Hoop netting for crab and lobster.
 - Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
 - Party boat fishing for several species (rockfish, flatfish, basses, barracuda,

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 175

5-A-02

Latitude: 33° 45.496' 33.7583 Longitude: 118° 15.719' 118.262

CONTINGENCY

Type:

County: Los Angeles

Dockage

yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 175

5-A-02

Latitude: 33° 45.496' 33.7583 Longitude: 118° 15.719' 118.262

CONTINGENCY

Type:

County: Los Angeles

Dockage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

San Pedro is a densely populated area west of the port. Within the port's marinas there is a substantial live aboard population. Los Angeles Port Police and Los Angeles Fire Dept. will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce. BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor, San Pedro Slip, and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Los Angeles.

Economic Impact on Non-maritime Commerce:

Neighboring Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Catalina Island passenger boats operates from Berth 95 with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Long Beach. Berth 94 is the Los Angeles Cruise Terminal. Berths 36 and 79 are sportfishing charter operations. There is a fishing pier at Cabrillo Beach.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
John Betz Captain	Port of Los Angeles Pilots	(310) 732-3805	
Manuel Ramirez Env. Specialist	Port of Los Angeles	(310) 732-3782	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Los Angeles - (310) 732-3860 Marine Fire Fighting Resources: LAFD Sta 49, Sta 112

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean of 3.	Mud		0	Follow axis of channels and rarely exceeds 1kt.		Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 175

5-A-02

Latitude: 33° 45.496' 33.7583 Longitude: 118° 15.719' 118.262

CONTINGENCY

Type:

County: Los Angeles

Dockage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Berth 175		0	38	2336		
Site Contact/Leasee/Owner:		Pasha Properties, Inc. - (310) 233-2000					

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 46

5-A-03

Latitude: 33° 42.879' 33.7147 Longitude: 118° 16.513' 118.2752

CONTINGENCY

Type:

County: Los Angeles

Dockage

Location Description:

AREA

Port of Los Angeles outer harbor cruise ship berth and site for major public events (3011 Miner St, San Pedro). 1,041' berth length; 16' height; 51' depth.

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

California least terns may forage in the port area during the spring and summer.

Critical Habitat for TAES:

California least tern colony on Pier 400.

Sensitive Non-protected (Non-TAES) Species:

- Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
- Presence of sea lions and harbor seals all year.
- Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
- Presence of invertebrates on ocean facing sand beaches all year.
- Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

- No commercial fishing is allowed in the Port of Los Angeles, however, outside of the port there are the following fisheries:
- Round haul fisheries for squid, sardine, mackerel, and anchovy.
 - Hook and line fisheries for groundfish, halibut, and other species.
 - Trap fisheries for lobster, crab, prawn, and live fish.
 - Dive fisheries for sea urchin.
- In water further than 3 miles from shore:
- Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
 - Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

- There is no recreational fishing allowed in the industrial areas of the Port of Los Angeles, however, recreational fishing is allowed at the Cabrillo Beach Pier and the adjacent beach. Outside of the port, there are the following recreational fisheries:
- Surf fishing for surf perches, halibut, shark, and croakers.
 - Pier fishing.
 - Clamming in the surfline.
 - Lobster diving.
 - Free and SCUBA dive spearfishing (several species).
 - Hoop netting for crab and lobster.
 - Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
 - Party boat fishing for several species (rockfish, flatfish, basses, barracuda,

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 46

5-A-03

Latitude: 33° 42.879' 33.7147 Longitude: 118° 16.513' 118.2752

CONTINGENCY

Type:

County: Los Angeles

Dockage

yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 46

5-A-03

Latitude: 33° 42.879' 33.7147 Longitude: 118° 16.513' 118.2752

CONTINGENCY

Type:

County: Los Angeles

Dockage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

San Pedro is a densely populated area west of the port. Within the port's marinas there is a substantial live aboard population. Los Angeles Port Police and Los Angeles Fire Dept. will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce. BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor, San Pedro Slip, and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Los Angeles.

Economic Impact on Non-maritime Commerce:

Neighboring Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Catalina Island passenger boats operates from Berth 95 with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Long Beach. Berth 94 is the Los Angeles Cruise Terminal. Berths 36 and 79 are sportfishing charter operations. There is a fishing pier at Cabrillo Beach.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
John Betz Captain	Port of Los Angeles Pilots	(310) 732-3805	
Manuel Ramirez Env. Specialist	Port of Los Angeles	(310) 732-3782	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Los Angeles - (310) 732-3860

Marine Fire Fighting Resources: LAFD, see Marine Firefighting Plan.

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean of 3.			0	Follow axis of channels and rarely exceeds 1kt.		Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Los Angeles: Berth 46

5-A-03

Latitude: 33° 42.879' 33.7147 Longitude: 118° 16.513' 118.2752

CONTINGENCY

Type:

County: Los Angeles

Dockage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Berth 46		0	47	1063		
Site Contact/Leasee/Owner:		Port of Los Angeles - (310) 732-3860					

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth T-124

5-B-01

Latitude: 33° 45.186' 33.7531 Longitude: 118° 13.241' 118.2207

CONTINGENCY

Type:

County: Los Angeles

Dockage

Location Description:

AREA

General cargo pier

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

California least terns may forage in the port area during the spring and summer.

Critical Habitat for TAES:

California least tern colony on Pier 400.

Sensitive Non-protected (Non-TAES) Species:

- Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
- Presence of sea lions and harbor seals all year.
- Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
- Presence of invertebrates on ocean facing sand beaches all year.
- Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:

- Native American Heritage Commission (916) 373-5471
- State Office of Historical Preservation (916) 445-7000
- South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

- No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
- Round haul fisheries for squid, sardine, mackerel, and anchovy.
 - Hook and line fisheries for groundfish, halibut, and other species.
 - Trap fisheries for lobster, crab, prawn, and live fish.
 - Dive fisheries for sea urchin.
- In water further than 3 miles from shore:
- Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
 - Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

- There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
- Surf fishing for surf perches, halibut, shark, and croakers.
 - Pier fishing.
 - Clamming in the surfline.
 - Lobster diving.
 - Free and SCUBA dive spearfishing (several species).
 - Hoop netting for crab and lobster.
 - Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
 - Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth T-124

5-B-01

Latitude: 33° 45.186' 33.7531 Longitude: 118° 13.241' 118.2207

CONTINGENCY

Type:

County: Los Angeles

Dockage

AREA

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

BEACH

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth T-124

5-B-01

Latitude: 33° 45.186' 33.7531 Longitude: 118° 13.241' 118.2207

CONTINGENCY

Type:

County: Los Angeles

Dockage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach

Marine Fire Fighting Resources: LBFD, see Marine Firefighting Plan

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		35	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth T-124

5-B-01

Latitude: 33° 45.186' 33.7531 Longitude: 118° 13.241' 118.2207

CONTINGENCY

Type:

County: Los Angeles

Dockage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Berth T-124	1500	0	34	1600		
Site Contact/Leasee/Owner:							

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth J-243

5-B-02

Latitude: 33° 44.522' 33.742 Longitude: 118° 11.596' 118.1933

CONTINGENCY

Type:

County: Los Angeles

Dockage

Location Description:

AREA

SSA Marine Pier J - general cargo container facility (Berths 243-247)

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

California least terns may forage in the port area during the spring and summer.

Critical Habitat for TAES:

California least tern colony on Pier 400.

Sensitive Non-protected (Non-TAES) Species:

- Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
- Presence of sea lions and harbor seals all year.
- Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
- Presence of invertebrates on ocean facing sand beaches all year.
- Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:

- Native American Heritage Commission (916) 373-5471
- State Office of Historical Preservation (916) 445-7000
- South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

- No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
- Round haul fisheries for squid, sardine, mackerel, and anchovy.
 - Hook and line fisheries for groundfish, halibut, and other species.
 - Trap fisheries for lobster, crab, prawn, and live fish.
 - Dive fisheries for sea urchin.
- In water further than 3 miles from shore:
- Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
 - Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

- There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
- Surf fishing for surf perches, halibut, shark, and croakers.
 - Pier fishing.
 - Clamming in the surfline.
 - Lobster diving.
 - Free and SCUBA dive spearfishing (several species).
 - Hoop netting for crab and lobster.
 - Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
 - Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth J-243

5-B-02

Latitude: 33° 44.522' 33.742 Longitude: 118° 11.596' 118.1933

CONTINGENCY

Type:

County: Los Angeles

Dockage

AREA

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

BEACH

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth J-243

5-B-02

Latitude: 33° 44.522' 33.742 Longitude: 118° 11.596' 118.1933

CONTINGENCY

Type:

County: Los Angeles

Dockage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach

Marine Fire Fighting Resources: LBFD, see Marine Firefighting Plan

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		33	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Berth J-243

5-B-02

Latitude: 33° 44.522' 33.742 Longitude: 118° 11.596' 118.1933

CONTINGENCY

Type:

County: Los Angeles

Dockage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Berth J-243	1000	0	32	1100		
Site Contact/Leasee/Owner:							

PPOR Pre-Incident Information Summary for Port of Long Beach: Pier 12

5-B-03

Latitude: 33° 44.628' 33.7438 Longitude: 118° 13.978' 118.233

CONTINGENCY

Type:

County: Los Angeles

Dockage

Location Description:

AREA

Navy Fuel Pier

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

California least terns may forage in the port area during the spring and summer.

Critical Habitat for TAES:

California least tern colony on Pier 400.

Sensitive Non-protected (Non-TAES) Species:

- Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
- Presence of sea lions and harbor seals all year.
- Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
- Presence of invertebrates on ocean facing sand beaches all year.
- Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

- No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
- Round haul fisheries for squid, sardine, mackerel, and anchovy.
 - Hook and line fisheries for groundfish, halibut, and other species.
 - Trap fisheries for lobster, crab, prawn, and live fish.
 - Dive fisheries for sea urchin.
- In water further than 3 miles from shore:
- Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
 - Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

- There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
- Surf fishing for surf perches, halibut, shark, and croakers.
 - Pier fishing.
 - Clamming in the surfline.
 - Lobster diving.
 - Free and SCUBA dive spearfishing (several species).
 - Hoop netting for crab and lobster.
 - Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
 - Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Pier 12

5-B-03

Latitude: 33° 44.628' 33.7438 Longitude: 118° 13.978' 118.233

CONTINGENCY

Type:

County: Los Angeles

Dockage

AREA

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

BEACH

PPOR Pre-Incident Information Summary for Port of Long Beach: Pier 12

5-B-03

Latitude: 33° 44.628' 33.7438 Longitude: 118° 13.978' 118.233

CONTINGENCY

Type:

County: Los Angeles

Dockage

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach -

Marine Fire Fighting Resources: LBFD, see Marine Firefighting Plan

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		42	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Pier 12

5-B-03

Latitude: 33° 44.628' 33.7438 Longitude: 118° 13.978' 118.233

CONTINGENCY

Type:

County: Los Angeles

Dockage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Pier 12	900		41	950		
Site Contact/Leasee/Owner:		U.S. Navy -					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-1

5-C-01

Latitude: 33° 44.255' 33.7376 Longitude: 118° 14.162' 118.236

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-1

5-C-01

Latitude: 33° 44.255' 33.7376 Longitude: 118° 14.162' 118.236

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-1

5-C-01

Latitude: 33° 44.255' 33.7376 Longitude: 118° 14.162' 118.236

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact:

Port of Long Beach -

Marine Fire Fighting Resources:

LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time

30 min

List of Nearby Environmentally Sensitive Sites:

5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A

Is Containment Possible?



Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		26	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-1

5-C-01

Latitude: 33° 44.255' 33.7376 Longitude: 118° 14.162' 118.236

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage B-1	600	0	23	900		
Site Contact/Leasee/Owner:		Jacobsen Pilot Service (562) 432-0664					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-2

5-C-02

Latitude: 33° 44.024' 33.7337 Longitude: 118° 13.881' 118.2314

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-2

5-C-02

Latitude: 33° 44.024' 33.7337 Longitude: 118° 13.881' 118.2314

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-2

5-C-02

Latitude: 33° 44.024' 33.7337 Longitude: 118° 13.881' 118.2314

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact:

Port of Long Beach -

Marine Fire Fighting Resources:

LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time

30 min

List of Nearby Environmentally Sensitive Sites:

5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A

Is Containment Possible?



Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		32	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-2

5-C-02

Latitude: 33° 44.024' 33.7337 Longitude: 118° 13.881' 118.2314

CONTINGENCY

Type:

County: Los Angeles

Anchorage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage B-2	750	0	29	1050		
Site Contact/Leasee/Owner:		Jacobsen Pilot Service - (562) 432-0664					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-3

5-C-03

Latitude: 33° 44.254' 33.7376 Longitude: 118° 13.532' 118.2255

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

[Empty text box]

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-3

5-C-03

Latitude: 33° 44.254' 33.7376 Longitude: 118° 13.532' 118.2255

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-3

5-C-03

Latitude: 33° 44.254' 33.7376 Longitude: 118° 13.532' 118.2255

CONTINGENCY

Type:
Anchorage

County: Los Angeles

AREA

Human Health / Safety Concerns and Economic Issues for this Place / Site

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach - Marine Fire Fighting Resources: LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f			0	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-3

5-C-03

Latitude: 33° 44.254' 33.7376 Longitude: 118° 13.532' 118.2255

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage B-3	900	0	0			
Site Contact/Leasee/Owner:		Jacobsen Pilot Service - (562) 432-0664					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-5

5-C-04

Latitude: 33° 43.654' 33.7276 Longitude: 118° 13.919' 118.232

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-5

5-C-04

Latitude: 33° 43.654' 33.7276 Longitude: 118° 13.919' 118.232

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-5

5-C-04

Latitude: 33° 43.654' 33.7276 Longitude: 118° 13.919' 118.232

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach - Marine Fire Fighting Resources: LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		34	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage B-5

5-C-04

Latitude: 33° 43.654' 33.7276 Longitude: 118° 13.919' 118.232

CONTINGENCY

Type:

County: Los Angeles

Anchorage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage B-5	900	0	30	1200		
Site Contact/Leasee/Owner:		Jacobsen Pilot Services - (562) 432-0664					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-3

5-C-05

Latitude: 33° 44.075' 33.7346 Longitude: 118° 09.157' 118.1526

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-3

5-C-05

Latitude: 33° 44.075' 33.7346 Longitude: 118° 09.157' 118.1526

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-3

5-C-05

Latitude: 33° 44.075' 33.7346 Longitude: 118° 09.157' 118.1526

CONTINGENCY

Type:
Anchorage

County: Los Angeles

AREA

Human Health / Safety Concerns and Economic Issues for this Place / Site

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach - Marine Fire Fighting Resources: LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		39	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-3

5-C-05

Latitude: 33° 44.075' 33.7346 Longitude: 118° 09.157' 118.1526

CONTINGENCY

Type:

County: Los Angeles

Anchorage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage D-3	1050	0	36	1350		
Site Contact/Leasee/Owner:		Jacobsen Pilot Service - (562) 432-0664					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-4

5-C-06

Latitude: 33° 44.075' 33.7346 Longitude: 118° 08.616' 118.1436

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-4

5-C-06

Latitude: 33° 44.075' 33.7346 Longitude: 118° 08.616' 118.1436

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-4

5-C-06

Latitude: 33° 44.075' 33.7346 Longitude: 118° 08.616' 118.1436

CONTINGENCY

Type:
Anchorage

County: Los Angeles

AREA

Human Health / Safety Concerns and Economic Issues for this Place / Site

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach - Marine Fire Fighting Resources: LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		39	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-4

5-C-06

Latitude: 33° 44.075' 33.7346 Longitude: 118° 08.616' 118.1436

CONTINGENCY

Type:

County: Los Angeles

Anchorage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage D-4	1050	0	36	1350		
Site Contact/Leasee/Owner:		Jacobsen Pilot Service - (562) 432-0664					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-8

5-C-07

Latitude: 33° 43.675' 33.7279 Longitude: 118° 08.873' 118.1479

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-8

5-C-07

Latitude: 33° 43.675' 33.7279 Longitude: 118° 08.873' 118.1479

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-8

5-C-07

Latitude: 33° 43.675' 33.7279 Longitude: 118° 08.873' 118.1479

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact:

Port of Long Beach -

Marine Fire Fighting Resources:

LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time

30 min

List of Nearby Environmentally Sensitive Sites:

5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A

Is Containment Possible?



Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		0	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-8

5-C-07

Latitude: 33° 43.675' 33.7279 Longitude: 118° 08.873' 118.1479

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage D-8	1050	0	39	1350		
Site Contact/Leasee/Owner:		Jacobsen Pilot Service - (562) 432-0664					

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-9

5-C-08

Latitude: 33° 43.617' 33.727 Longitude: 118° 08.407' 118.1401

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns may forage in the port area during the spring and summer.
-Western snowy plover can be found feeding a nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Grunion spawning on adjacent beaches during nighttime at the highest spring tides during the spring and summer.
-Presence of invertebrates on ocean facing sand beaches all year.
-Presence of intertidal and subtidal invertebrates, fishes, and kelp; all associated with riprap and piers withing and outside of the port all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

No commercial fishing is allowed in the Port of Long Beach, however, outside of the port there are the following fisheries:
-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whites seabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

There is no recreational fishing allowed in the industrial areas of the Port of Long Beach, except for a portion of Pier J. Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-9

5-C-08

Latitude: 33° 43.617' 33.727 Longitude: 118° 08.407' 118.1401

CONTINGENCY

Type:

County: Los Angeles

Anchorage

AREA
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

BEACH
All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-9

5-C-08

Latitude: 33° 43.617' 33.727 Longitude: 118° 08.407' 118.1401

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the port. Within the Shoreline Maina there is a substantial live aboard population. Long Beach Police and Long Beach Fire Department will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor and several other marinas in the port are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the Port of Long Beach.

Economic Impact on Non-maritime Commerce:

Neighboring City of Long Beach receives considerable revenue from hosting conventions and tourism. The Cabrillo Marina area in San Pedro is the location of several hotels that host conferences and tourists.

Economic Impact on Recreational Fishing and Marine Tourism:

Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. There are additional Catalina Island operations in the Port of Los Angeles. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Daniel Kane Emergency Manager	Port of Long Beach	(562) 283-7820	
John Strong Captain	Jacobsen Pilot Service	(562) 432-0664	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of Long Beach - Marine Fire Fighting Resources: LBFD Station 15, see Marine Firefighting Plan

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, and 5-260-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are variable particularly in fall and winter	Mean 3.8 f	Mud		42	Follow axis of channels and rarely exceeds 1kt.	Sheltered	Fog is most likely from October to February.	Yes	Via Traffic Separation S	<input checked="" type="checkbox"/>

PPOR Pre-Incident Information Summary for Port of Long Beach: Anchorage D-9

5-C-08

Latitude: 33° 43.617' 33.727 Longitude: 118° 08.407' 118.1401

CONTINGENCY

Type:

County: Los Angeles

Anchorage

Specific Site Details

AREA

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage D-9	600	0	39	900		
Site Contact/Leasee/Owner:		Jacobsen Pilot Service - (562) 432-0664					

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage G-4

5-D-01

Latitude: 33° 42.026' 33.7004 Longitude: 118° 13.044' 118.2167

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns can be feeding at or nearby LA-LB Outer Anchorage during spring and summer.
-Western snowy plovers can be found feeding at nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern nesting colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Presence of invertebrates on ocean facing sand beaches all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and ling fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whitescabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage G-4

5-D-01

Latitude: 33° 42.026' 33.7004 Longitude: 118° 13.044' 118.2167

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the anchorage. There are several marinas with live aboard populations throughout the port complex. Local police and fire departments will be able to assist in assessing potential impact.

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor, San Pedro Slip, and several other marinas in the port complex are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the port complex.

Economic Impact on Recreational Fishing and Marine Tourism:

Port of Los Angeles - Catalina Island passenger boats operates from Berth 95 with multiple transits to and from Catalina daily. Berth 94 is the Los Angeles Cruise Terminal. Berths 36 and 79 are sportfishing charter operations. There is a fishing pier at Cabrillo Beach.

Port of Long Beach - Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Non-maritime Commerce:

Long Beach and San Pedro both receive considerable revenue from hotels, conferences, conventions, and tourism.

LOS

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title

Organization

Phone

more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: USCG Coast Guard Sector LA-LB - (310) 521-3801

Marine Fire Fighting Resources: LAFD Station 112, LBFD Station 15

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, 5-260-A, 5-310-A, and 5-320-A

Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach
Winds are	Mean 3.8 f		0	0	Follow	Seas from the	Fog is most	No	Via Traffic Separation S

Pilot Requirements

|variable

|_____

axis of

|west._____

|likely from

|_____

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage G-4

5-D-01

Latitude: 33° 42.026' 33.7004 Longitude: 118° 13.044' 118.2167

CONTINGENCY

Type:
Anchorage

County: Los Angeles

particularly in fall & winter.

channels and rarely exceeds 1kt.

October to February.

AREA

BEACH

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage G-4			0	0	ANCHORAGE	Access is difficult due to open ocean conditions.
Site Contact/Leasee/Owner:		Marine Exchange/USCG VTS - (310) 832-6411					

LOS

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage G-6

5-D-02

Latitude: 33° 42.632' 33.7105 Longitude: 118° 11.839' 118.1973

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns can be feeding at or nearby LA-LB Outer Anchorage during spring and summer.
-Western snowy plovers can be found feeding at nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern nesting colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Presence of invertebrates on ocean facing sand beaches all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and ling fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whitescabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage G-6

5-D-02

Latitude: 33° 42.632' 33.7105 Longitude: 118° 11.839' 118.1973

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the anchorage. There are several marinas with live aboard populations throughout the port complex. Local police and fire departments will be able to assist in assessing potential impact.

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor, San Pedro Slip, and several other marinas in the port complex are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the port complex.

Economic Impact on Recreational Fishing and Marine Tourism:

Port of Los Angeles - Catalina Island passenger boats operates from Berth 95 with multiple transits to and from Catalina daily. Berth 94 is the Los Angeles Cruise Terminal. Berths 36 and 79 are sportfishing charter operations. There is a fishing pier at Cabrillo Beach.

Port of Long Beach - Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Non-maritime Commerce:

Long Beach and San Pedro both receive considerable revenue from hotels, conferences, conventions, and tourism.

LOS

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title

Organization

Phone

more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: USCG Coast Guard Sector LA-LB - (310) 521-3801

Marine Fire Fighting Resources: LAFD Station 112, LBFD Station 15

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, 5-260-A, 5-310-A, and 5-320-A

Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are	Mean 3.8 f		0	0	Follow	Seas from the	Fog is most	No	Via Traffic Separation S	<input type="checkbox"/>

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|likely from

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PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage G-6

5-D-02

Latitude: 33° 42.632' 33.7105 Longitude: 118° 11.839' 118.1973

CONTINGENCY

Type:
Anchorage

County: Los Angeles

particularly in fall & winter.

channels and rarely exceeds 1kt.

October to February.

AREA

BEACH

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage G-6			0	0	ANCHORAGE	Access is difficult due to open ocean conditions.
Site Contact/Leasee/Owner:		Marine Exchange/USCG VTS - (310) 832-6411					

LOS

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage F-1

5-D-03

Latitude: 33° 42.832' 33.7139 Longitude: 118° 10.001' 118.1667

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns can be feeding at or nearby LA-LB Outer Anchorage during spring and summer.
-Western snowy plovers can be found feeding at nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern nesting colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Presence of invertebrates on ocean facing sand beaches all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and ling fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whitescabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage F-1

5-D-03

Latitude: 33° 42.832' 33.7139 Longitude: 118° 10.001' 118.1667

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the anchorage. There are several marinas with live aboard populations throughout the port complex. Local police and fire departments will be able to assist in assessing potential impact.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce. BEACH

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor, San Pedro Slip, and several other marinas in the port complex are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the port complex.

Economic Impact on Non-maritime Commerce:

Long Beach and San Pedro both receive considerable revenue from hotels, conferences, conventions, and tourism. ANGELES/LONG

Economic Impact on Recreational Fishing and Marine Tourism:

Port of Los Angeles - Catalina Island passenger boats operates from Berth 95 with multiple transits to and from Catalina daily. Berth 94 is the Los Angeles Cruise Terminal. Berths 36 and 79 are sportfishing charter operations. There is a fishing pier at Cabrillo Beach.

LOS

Other Economic Impacts:

Port of Long Beach - Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Stakeholder List for this Place / Site

Name / Title

Organization

Phone

more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: USCG Coast Guard Sector LA-LB - (310) 521-3801

Marine Fire Fighting Resources: LAFD Station 112, LBFD Station 15

Approximate Tug Response Time 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, 5-260-A, 5-310-A, and 5-320-A Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Winds are	Mean 3.8 f		0	0	Follow	Seas from the	Fog is most	No	Via Traffic Separation S	<input type="checkbox"/>

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PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage F-1

5-D-03

Latitude: 33° 42.832' 33.7139 Longitude: 118° 10.001' 118.1667

CONTINGENCY

Type:
Anchorage

County: Los Angeles

particularly in fall & winter.

channels and rarely exceeds 1kt.

October to February.

AREA

BEACH

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage F-1			0	0	ANCHORAGE	Access is difficult due to open ocean conditions.
Site Contact/Leasee/Owner:		Marine Exchange/USCG VTS - (310) 832-6411					

LOS

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage F-14

5-D-04

Latitude: 33° 40.715' 33.6786 Longitude: 118° 08.379' 118.1397

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

Natural Resource Concerns and Issues for this Place / Site

BEACH

Threatened and Endangered Species (TAES):

-California least terns can be feeding at or nearby LA-LB Outer Anchorage during spring and summer.
-Western snowy plovers can be found feeding at nearby Seal Beach National Wildlife Refuge.

Critical Habitat for TAES:

-California least tern nesting colony on Pier 400.
-California least tern nesting at Seal Beach National Wildlife Refuge.
-Western snowy plover feeding area at Seal Beach National Wildlife Refuge.
ANGELES-LONG

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Presence of invertebrates on ocean facing sand beaches all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered as EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

-Round haul fisheries for squid, sardine, mackerel, and anchovy.
-Hook and ling fisheries for groundfish, halibut, and other species.
-Trap fisheries for lobster, crab, prawn, and live fish.
-Dive fisheries for sea urchin.
In water further than 3 miles from shore:
-Gillnet fisheries for halibut, whitescabass, shark, and swordfish.
-Trawl fisheries for halibut and prawn.

Recreational Species and Habitat:

Outside of the port, there are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters inside and outside of the port should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands, sand and mud bottoms, and mudflats.

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage F-14

5-D-04

Latitude: 33° 40.715' 33.6786 Longitude: 118° 08.379' 118.1397

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential areas to the east side of the anchorage. There are several marinas with live aboard populations throughout the port complex. Local police and fire departments will be able to assist in assessing potential impact.

Economic Impact on Commercial Fishing and Aquaculture:

Fish Harbor, San Pedro Slip, and several other marinas in the port complex are berthing for an extensive commercial fishing fleet. Commercial fishing takes place outside of the port complex.

Economic Impact on Recreational Fishing and Marine Tourism:

Port of Los Angeles - Catalina Island passenger boats operates from Berth 95 with multiple transits to and from Catalina daily. Berth 94 is the Los Angeles Cruise Terminal. Berths 36 and 79 are sportfishing charter operations. There is a fishing pier at Cabrillo Beach.

Port of Long Beach - Cruise ships operate out of Berth H-4. Catalina Island passenger boats operate out of Pier H and Downtown Long Beach with multiple transits to and from Catalina daily. Sportfishing operations operate out of Berth C-55 and Downtown Rainbow Harbor. There are limited areas open to sportfishing on Pier J.

Economic Impact on Maritime Commerce and Shipping:

Probable impact to commerce.

BEACH

Economic Impact on Non-maritime Commerce:

Long Beach and San Pedro both receive considerable revenue from hotels, conferences, conventions, and tourism.

LOS

Other Economic Impacts:

Stakeholder List for this Place / Site

Name / Title

Organization

Phone

more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: USCG Coast Guard Sector LA-LB - (310) 521-3801

Marine Fire Fighting Resources: LAFD Station 112, LBFD Station 15

Approximate Tug Response Time: 30 min

List of Nearby Environmentally Sensitive Sites: 5-210-A, 5-220-A/C, 5-230-A/C, 5-240-A/C, 5-250-A, 5-260-A, 5-310-A, and 5-320-A

Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach
Winds are	Mean 3.8 f		0	0	Follow	Seas from the	Fog is most	No	Via Traffic Separation S

Pilot Requirements

|variable

|_____

axis of

|west._____

|likely from

|_____

PPOR Pre-Incident Information Summary for LA-LB Outer Anchorage: Anchorage F-14

5-D-04

Latitude: 33° 40.715' 33.6786 Longitude: 118° 08.379' 118.1397

CONTINGENCY

Type:
Anchorage

County: Los Angeles

particularly in fall & winter.

channels and rarely exceeds 1kt.

October to February.

AREA

BEACH

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage F-14			0	0	ANCHORAGE	Access is difficult due to open ocean conditions.
Site Contact/Leasee/Owner:		Marine Exchange/USCG VTS - (310) 832-6411					

LOS

PPOR Pre-Incident Information Summary for El Segundo: Anchorages ES-1

5-E-01

Latitude: 33° 54.202' 33.9034 Longitude: 118° 29.388' 118.4898

CONTINGENCY

Type:
Anchorage

County: Los Angeles

Location Description:

AREA

El Segundo Moorings include two designated anchorages (ES-1 and ES-2) and two off-shore marine terminals with sub-sea connections. Moorings are an open roadstead, with no shelter and exposed to predominately westerly seas, swell and winds.

BEACH

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

-California least terns can be feeding at or nearby the Marina Del Rey/Ballona Creek area during the spring and summer.
-Western snowy plovers can be found feeding at the beaches to the north (Venice) and south (Docweiler) of Marina Del Rey.

Critical Habitat for TAES:

-California least tern nesting at Venice Beach near the Marina Del Rey Channel.
-Western snowy plover feeding area to the north (Venice) and south (Docweiler) of Marina Del Rey.

Sensitive Non-protected (Non-TAES) Species:

-Presence of brown pelicans, seabirds, shorebirds, and other migratory birds all year.
-Presence of sea lions and harbor seals all year.
-Presence of invertebrates on ocean facing sand beaches all year.

Critical Habitat for Non-protected (Non-TAES) Species:

None. ACP Sensitive Sites, such as, wetlands, creek mouths, sand beaches, breakwaters, and rocky intertidal areas should be considered very important and sensitive habitats for several species.

Subsistence-use Species:

None.

Critical Habitat for Subsistence Species:

None.

Essential Fish Habitat:

All waters inside and outside of the port should be considered at EFH for several species of groundfish and coastal pelagics.

Historic and Cultural Resources:

Knowledge of these sites are limited to certain persons and agencies. Contact the following during a POR incident:
-Native American Heritage Commission (916) 373-5471
-State Office of Historical Preservation (916) 445-7000
-South Central Coastal Information Center (657) 278-5395

Commercial Fisheries / Species:

Limited commercial fishing in the area near the El Segundo Moorings.
-Round haul fisheries for squid, sardine, mackerel, and anchovy for bait purposes only.
-Dip net fisheries for squid, sardine, mackerel, and anchovy.
-Hook and line fisheries for groundfish, halibut, and other species.
-Trap fisheries for prawn.
-Dive fisheries for sea urchin.

Recreational Species and Habitat:

Near the El Segundo Moorings are the following recreational fisheries:
-Surf fishing for surf perches, halibut, shark, and croakers.
-Pier fishing.
-Clamming in the surfline.
-Lobster diving.
-Free and SCUBA dive spearfishing (several species).
-Hoop netting for crab and lobster.
-Private boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.
-Party boat fishing for several species (rockfish, flatfish, basses, barracuda, yellowtail, croakers, shark, bonito, mackerel, etc.) nearshore and offshore.

All waters in this area should be considered habitat for recreational fishery species. This includes breakwaters, riprap, piers, kelp, marinas, wetlands,

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Anchorage

County: Los Angeles

sand and mud bottoms, and mudflats. AREA

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CONTINGENCY

Type:
Anchorage

County: Los Angeles

Human Health / Safety Concerns and Economic Issues for this Place / Site

AREA

Human Health and Safety:

Dense residential population in immediate vicinity of moorings. High beach population during the summer months.

Economic Impact on Maritime Commerce and Shipping:

Possible reduced capability for Chevron terminal to service other ships.

Economic Impact on Commercial Fishing and Aquaculture:

Likely to impact some commercial fishing.

Economic Impact on Non-maritime Commerce:

High tourism impact due to coast, beach, and piers.

Economic Impact on Recreational Fishing and Marine Tourism:

Charter boat sportfishing operations run out of Marina Del Rey and King Harbor (Redondo Beach).

Other Economic Impacts: ANGELES-LONG

High political sensitivity to ships at terminal.
LOS

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
Battalion 1	LA County Fire Department	(310) 358-3435	
Kenneth Graham Mooring Master	Chevron Shipping Company, LLC	(310) 615-5704	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: []

Marine Fire Fighting Resources: LA County Fire Station 110, Marina del Rey

Approximate Tug Response Time: Foss tugs on site

List of Nearby Environmentally Sensitive Sites: 5-000-A, 5-105-A, 5-110-1, 5-115-A, 5-120-A/C, 5-130-A/C, 5-140-A/B, 5-150-A, 5-160-A/C Is Containment Possible?

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type:	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
Westerly, onshore winds usually prevail.	+5.4 to -2.	Sand	60	0	Run unpredictably north or south along the coast.		Fog is most likely from October to February.	None. Located i	Via Traffic Separation S	<input type="checkbox"/>

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	Containment Possibilities:
	Anchorage ES-1			56	0		
Site Contact/Leasee/Owner:		Chevron El Segundo Marine Terminal (310) 615-5355					