




-  Environmental Sensitive Sites
-  Potential Places of Refuge


ACP 6 - San Clemente Island


Calif. Dept. of Fish and Wildlife
 Office of Spill Prevention and Response
 Data Source: OSPR GIS
 Requestor: K. Jennings / Cassidee Shinn
 Author: G. Ewing
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ACP 6

Environmental Sensitive Sites and Potential Places of Refuge

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PPOR Pre-Incident Information Summary for 10th Ave Marine Terminal

Type: Anchorage County: San Diego Latitude: 32° 41.9' 117.15 Longitude: 117° 9' 117.15

Location Description: This terminal is very good for most ships because it is in an industrial area relatively isolated from residential or retail activity and has ship repair services. It also has good containment possibilities for oil spills and security.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Nearest listed species' issues are located at D St. fill and Sweetwater Marsh National Wildlife Refuge on the South Side of Sweetwater Channel. Also, across the Bay at Delta Beach, seasonal (spring/summer) least tern nesting occurs. Brown pelicans may congregate on occasion. During the months from April to September, Least tern are foraging in North Bay and South Bay.

Sensitive Non-protected (Non-TAES) Species:

California brown pelican/ Least tern (seasonal) feeding area. Green sea turtles may transit on occasion. The Bay contains numerous non listed species. During the winter, the population of migratory birds in the San Diego area increases. Shoreline and marine invertebrates are in this area. Extensive use of surrounding water surface area by numerous species of marine birds and shore birds.

Subsistence-use Species:

N/A

Essential Fish Habitat:

San Diego Bay and shallow water eelgrass beds

Commercial Fisheries / Species:

N/A

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

Human Health and Safety:

The terminal has a control access point so you have limited public exposure. You have exclusion zones on land and on water. The closest residential area is Barrio Logan, which is located about a 1/4 mile away. The convention center and various hotels are in close proximity. Based on the circumstances, there could be a significant amount of people in the area. It must be noted that these exclusion zones would not prevent the movement of vapor.

Economic Impact on Commercial Fishing and Aquaculture:

Unless we prohibit fishing ships who dock at G-Street to leave port, there will

Critical Habitat for TAES:

Sweetwater Marsh Nat'l Wildlife refuge is a critical habitat for Bebling's Savannah sparrows, lightfooted clapper rails. Both listed species.

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

This Bay provides loafing, breeding, and foraging for numerous bird species, but the most important areas for birds in the inner bay are in the southern part.

Critical Habitat for Subsistence Species:

N/A

Historic and Cultural Resources:

SHPO Contact Info
Milford Wayne Donaldson
916-651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

San Diego Bay waters are used for finfish

Economic Impact on Maritime Commerce and Shipping:

10th ave has a mobile crane and this would impact the ability to offload cargo. This is the only non Navy port where the majority of ships fuel. This would potentially increase the amount of barge transfers. If this was a shortterm closure, it would not have a nationwide or even statewide impact. Cargo would be rerouted up to Los Angeles.

Economic Impact on Non-maritime Commerce:

As mentioned earlier, the convention center and various hotels are in close

PPOR Pre-Incident Information Summary for 10th Ave Marine Terminal

Type: County: Latitude: 32° 41.9' 117.15 Longitude: 117° 9' 117.15

be no impact for this category. proximity. Depending on the nature of the incident, people might stay away from this area.

Economic Impact on Recreational Fishing and Marine Tourism:
 Recreational activity in this area is sparse and transient. There possibly might be a rerouting of commerical ferries in the area. This would have a minimal impact.

Other Economic Impacts:
 Military outloads generally take place at 10th ave terminal. This could have national security impacts. There is a potential impact on Navy ships' movement in and out of San Diego Bay. Naval Base San Diego will feel the brunt of this impact.

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
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Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Marine Fire Fighting Resources:

Approximate Tug Response Time:

List of Nearby Environmentally Sensitive Sites: 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
17 Kts	4-8 Ft	Shells	47	22	.5-5 Kts	Calm	< .5 miles	Yes	South	<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:
	10th Ave Marine Terminal	Deep	650	42	900		Booming strategies
Site Contact/Leasee/Owner:		Sector San Diego (619) 278-7057					

San Diego - ACP 6

Section 8000-22

May 2018

PPOR Pre-Incident Information Summary for B Street Pier

Type: Dockage County: San Diego Latitude: 32° 43.2' 117.18 Longitude: 117° 10.8' 117.18

Location Description: This is a multi-use facility that has scheduled excursion shops and fuel barges dock at it.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Brown pelicans and Least terns (seasonally) may utilize surface waters of SD Bay in this area

Sensitive Non-protected (Non-TAES) Species:

Extensive use of surrounding water surface areas by numerous species of birds. Shoreline and marine invertebrates are in this area. Extensive use of surrounding water surface area by numerous species of marine birds and shore birds.

Subsistence-use Species:

None

Essential Fish Habitat:

San Diego Bay and shallow water eelgrass beds

Commercial Fisheries / Species:

None

Critical Habitat for TAES:

Brown pelican/ Least tern (seasonal) feeding may occur in surrounding water surface area

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

The Bay provides loafing, breeding, foraging for numerous bird species, but the most important areas for birds in the inner Bay are in the southern part.

Critical Habitat for Subsistence Species:

None

Historic and Cultural Resources:

SHPO Contact Info:
Milford Wayne Donaldson
(916) 651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

San Diego Bay waters are used for finfish

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

Human Health and Safety:

This is a public venue so there is little public control. Of the eight sites identified, this has the highest potential to human health.

Economic Impact on Commercial Fishing and Aquaculture:

If Grape Street pier is affected, this would affect the sea bass restocking program. G-Street Mole and its offloading of commercial fish might be affected.

Economic Impact on Maritime Commerce and Shipping:

This is a cruise ship terminal so if operations closer this terminal, there could be a significant impact to maritime commerce. People fly into San Diego to catch cruises and it would be expensive to move all of these people to Los Angeles. This could have a significant impact of the Southern California region. Each cruise ship has approximately 2,000 people. Graper St Pier and part of the Embarcadero has become docking piers for mega yachts.

Economic Impact on Non-maritime Commerce:

San Diego could potentially lose a fair amount of revenue from people visiting from the cruise ships. In addition, if the situation warranted the closing of Harbor Drive, this could have a significant economic impact to the city. Public services, Seaport Village, and the County Administration Building could also be impacted.

PPOR Pre-Incident Information Summary for B Street Pier

Type: County: Latitude: Longitude:

Economic Impact on Recreational Fishing and Marine Tourism:

Whale watching boats would most likely be shut down. In addition, all of the marine excursion vessels, maritime museums, and ferries would most likely be shut down. Recreational fishing is sparse and transient.

Other Economic Impacts:

The Navy's Broadway Complex could be affected.

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
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Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Marine Fire Fighting Resources:

Approximate Tug Response Time:

List of Nearby Environmentally Sensitive Sites: 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
17 Kts	4-8 Ft	Mud	40	33	.5-5 Kts	Calm	< .5 miles	Yes	West	<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:	
	B Street Pier	Light	1000	35	2800			Booming strategies
Site Contact/Leasee/Owner:		Sector San Diego (619) 278-7057						

PPOR Pre-Incident Information Summary for **Broadway Pier**

Type: **Dockage** County: **San Diego** Latitude: **32° 42.6' 117.18** Longitude: **117° 10.8' 117.18**

Location Description: This is a multi-use facility that has scheduled excursion shops and fuel barges dock at it.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Brown pelicans and Least terns (seasonally) may utilize surface waters of San Diego Bay in this area

Sensitive Non-protected (Non-TAES) Species:

Shoreline and marine invertebrates are in this area. Extensive use of surrounding water surface area by numerous species of marine birds and shore birds.

Subsistence-use Species:

None

Essential Fish Habitat:

San Diego Bay and shallow water eelgrass beds

Commercial Fisheries / Species:

None

Critical Habitat for TAES:

Brown pelican and Least terns (seasonally) feeding may occur in surrounding water surface area

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

This Bay provides loafing, breeding, and foraging for numerous bird species, but the most important areas for birds in the inner bay are in the southern part.

Critical Habitat for Subsistence Species:

None

Historic and Cultural Resources:

SHPO Contact Info
Milford Wayne Donaldson
916-651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

San Diego Bay waters are used for finfish

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

Human Health and Safety:

This is a public venue so there is little public control. Of the eight sites identified, this has one of the highest potential for danger to human health.

Economic Impact on Commercial Fishing and Aquaculture:

If Grape Street pier is affected, this would affect the sea bass restocking program. G-Street Mole and its offloading of commercial fish might be affected.

Economic Impact on Recreational Fishing and Marine Tourism:

Whale watching boats would most likely be shut down. In addition, all of the marine excursion vessels, maritime museums, and ferries would most likely be shut down. Recreational fishing is sparse and transient. The USS Midway is next to Broadway Pier.

Economic Impact on Maritime Commerce and Shipping:

This would have a lesser impact on the cruise ship industry than if B St pier were shut down.

Economic Impact on Non-maritime Commerce:

San Diego could potentially lose revenue from people visiting from the cruise ships. This would be of a lesser extent than if B Street was closed down. In addition, if the situation warranted the closing of Harbor Drive, this could have a significant economic impact to the city. Public services, Seaport Village, and the County Administration Building could also be impacted.

Other Economic Impacts:

The Navy's Broadway Complex could be affected. The adjacent Navy Pier does not have too much daily activity.

PPOR Pre-Incident Information Summary for **Broadway Pier**

Type: **Dockage** County: **San Diego** Latitude: **32° 42.6' 117.18** Longitude: **117° 10.8' 117.18**

Stakeholder List for this Place / Site

Name / Title Organization Phone more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: **Port of San Diego (619) 683-8966** Marine Fire Fighting Resources: **San Diego Harbor Police boats and Navy Tugs**

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: **Entrance to San Diego Bay** 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
17 Kts	4-8 Ft	Mud	37	32	.5-5 Kts	Calm	<.5 miles	Yes	West	<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:
	Broadway Pier	Light	900	34	2800		Booming strategies
Site Contact/Leasee/Owner:		Sector San Diego (619) 278-7057					

PPOR Pre-Incident Information Summary for Buoy 1 going into Glorietta Bay

Type: Anchorage County: San Diego Latitude: 32° 41.4' 117.153 Longitude: 117° 9.2' 117.153

Location Description: This buoy is close to the main channel for the SD Bay and the channel going into Glorietta Bay.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Brown pelicans and Least terns (seasonally) may utilize surface waters of SB Bay in this area.

Sensitive Non-protected (Non-TAES) Species:

Shoreline and marine invertebrates are in this area. Extensive use of surrounding water surface area by numerous species of marine birds and shore birds.

Subsistence-use Species:

None

Essential Fish Habitat:

San Diego Bay and shallow water eelgrass beds

Commercial Fisheries / Species:

None

Critical Habitat for TAES:

Brown pelicans/ Least terns (seasonally) feeding may occur in surrounding water surface areas.

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

The Bay provides loafing, breeding, and foraging for numerous bird species, but the most important areas for birds in the inner Bay are in the southern part.

Critical Habitat for Subsistence Species:

None

Historic and Cultural Resources:

SHPO Contact Info
Milford Wayne Donaldson
(916) 651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

San Diego Bay waters are used for finfish

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

Human Health and Safety:

Coronado Island proximity would be the biggest issue. People could not reach the vessel by foot. Still, the vapors from a potential distressed vessel could easily reach the island. They would need some sort of marine transportation.

Economic Impact on Commercial Fishing and Aquaculture:

None

Economic Impact on Recreational Fishing and Marine Tourism:

Recreational activity in this area is sparse and transient. There possibly might be a rerouting of commercial ferries in the area. This would have a minimal impact.

Economic Impact on Maritime Commerce and Shipping:

Depending on where the vessel is located, this could close the channels to South Bay and Glorietta Bay.

Economic Impact on Non-maritime Commerce:

Depending on the severity of the incident, the public might react by not visiting Coronado. Coronado could feel a significant impact economically if people stay away for an extended period

Other Economic Impacts:

If the bridge is at all impacted, the economy of Coronado could suffer greatly.

PPOR Pre-Incident Information Summary for Buoy 1 going into Glorietta Bay

Type: County: Latitude: 32° 41.4' 117.153 Longitude: 117° 9.2' 117.153

Stakeholder List for this Place / Site

Name / Title Organization Phone more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Marine Fire Fighting Resources:

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: 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
17 Kts	4-8 Ft	Shells	31	14	.5- 5 Kts	Calm	< .5 miles	Yes	Southwest	<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:
	Bouy 1 going into Glorietta Bay	Light	400	27	270		Booming strategies
Site Contact/Leasee/Owner:		Sector San Diego (619) 278-7057					

PPOR Pre-Incident Information Summary for Buoy 22A

Type: Anchorage County: San Diego Latitude: 32° 42.2' 117.175 Longitude: 117° 10.5' 117.175

Location Description: This buoy is very close to the main channel and the carrier basin at North Island. If a vessel were to go here, it would greatly prohibit maritime traffic.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Brown pelicans and Least terns (seasonally) may utilize surface waters of San Diego Bay in this area

Sensitive Non-protected (Non-TAES) Species:

Shoreline and marine invertebrates are in this area. Extensive use of surrounding water surface area by numerous species of marine birds and shore birds.

Subsistence-use Species:

None

Essential Fish Habitat:

San Diego Bay and shallow water eelgrass beds

Commercial Fisheries / Species:

None

Critical Habitat for TAES:

Brown pelican and Least terns (seasonally) feeding may occur in surrounding water surface area.

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

This Bay provides loafing, breeding, and foraging for numerous bird species, but the most important areas for birds in the inner bay are in the southern part.

Critical Habitat for Subsistence Species:

None

Historic and Cultural Resources:

SHPO Contact Info
Milford Wayne Donaldson
916-651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

San Diego waters are used for finfish

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

Human Health and Safety:

Accessible only by boat. Still, the vapors from a potential distressed vessel could easily reach the island. Close in proximity to the Northern side of Coronado Island.

Economic Impact on Commercial Fishing and Aquaculture:

Limited economic potential impact for the white seabass pens located across the channel at Grape St..

Economic Impact on Recreational Fishing and Marine Tourism:

There would not be a significant impact on recreational fishing and marine tourism. The perceived impact to Coronado would most likely be greater than the actual impact.

Economic Impact on Maritime Commerce and Shipping:

If the shipping lane is closed for an extended period of time, this could have a impact on the economy of San Diego.

Economic Impact on Non-maritime Commerce:

Depending on the severity of the incident, the public might react by not visiting Coronado. Coronado could feel a significant impact economically if people stay away for an extended period

Other Economic Impacts:

This could impact the Navy ship movement at Naval Base Coronado, which is where the aircraft carriers tie up.

PPOR Pre-Incident Information Summary for Buoy 22A

Type: Anchorage County: San Diego Latitude: 32° 42.2' 117.175 Longitude: 117° 10.5' 117.175

Stakeholder List for this Place / Site

Name / Title Organization Phone more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Sector San Diego (619) 278-7057 Marine Fire Fighting Resources: San Diego Police Boats and Navy Tugs

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: Entrance to San Diego Bay 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
17 Kts	4-8 Ft	Shells/Hard	36	21	.5-5 Kts	Calm	<.5 miles	Yes	Southwest	<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:
	Buoy 22A	Shallow	90	30	600		Booming strategies
Site Contact/Leasee/Owner:		Port of San Diego (619) 683-8966					

PPOR Pre-Incident Information Summary for Pyramid Cove

Type: Anchorage County: San Diego Latitude: 32° 49.4' 118.3841 Longitude: 118° 23' 118.3841

Location Description: Located in the deep bight of S end of San Clemente Island. It is used as a naval shore bombardment area and includes a danger zone.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Potential white abalone in deep water areas of the cove. Potential Brown pelican resting/feeding activity in area. Black abalone, Snowy Plover, Loggerhead Shrike, Island Fox, Island Night Lizard and Sage Sparrow are also in this area.

Sensitive Non-protected (Non-TAES) Species:

Marine mammal haul outs along shoreline areas to northwest. Numerous species of marine birds may rest and feed on surface of this area. Shoreline and marine invertebrates are in this area.

Subsistence-use Species:

N/A

Essential Fish Habitat:

Nearshore shallow water, kelpbeds, intertidal habitat, deep offshore water may represent EFH for various finfish, mammals, birds, and inveterbrate species in proximity to proposed POR.

Commercial Fisheries / Species:

Commercial finfish activity may periodically occur around the island at varying locations and varying seasons. Proposed POR may have limited impact.

Critical Habitat for TAES:

Deepwater benthic habitat for white abalone. Shallow water habitat for black and red abalone. Anything from highwater mark out 300 yards.

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

Nearshore kelpbeds may be present. Intertidal habitat for various plants and invertebrates.

Critical Habitat for Subsistence Species:

N/A

Historic and Cultural Resources:

SHPO Contact Info
Milford Wayne Donaldson
916-651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

Recreational finfish habitat is associated with surrounding island waters. Activity varies seasonally. PPOR may have limited impact.

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

Human Health and Safety:

This is a remote location with no people in the immediate vicinity. Navy personnel are mostly located at the north end of the island. Depending on the day, there might be people in the area fishing.

Economic Impact on Commercial Fishing and Aquaculture:

Limited potential impact commerical fishing.

Economic Impact on Recreational Fishing and Marine Tourism:

Limited potential impact for recreational fishing.

Economic Impact on Maritime Commerce and Shipping:

A very limited potential for any economic impact on maritime commerce and shipping. Lightering takes places approximately eight miles off the island.

Economic Impact on Non-maritime Commerce:

No economic impact on non-maritime commerce.

Other Economic Impacts:

None

PPOR Pre-Incident Information Summary for Pyramid Cove

Type: County: Latitude: 32° 49.4' 118.3841 Longitude: 118° 23' 118.3841

Stakeholder List for this Place / Site

Name / Title Organization Phone more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Marine Fire Fighting Resources:
 Approximate Tug Response Time
 List of Nearby Environmentally Sensitive Sites: 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
10-15 Kt	3-5 Ft	Rock	10	1	Minimal	Calm	<.5 miles	Yes	Any	<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:
	Pyramid Cove	Deep		50		No marine fire fighting resources or tugs; basic oil spill recover equipment; San Clement Port Ops is (619) 524-9121. There is no limit on vessel size or swing room.	Booming strategies
Site Contact/Leasee/Owner:		<input type="text" value="Sector San Diego (619) 278-7057"/>					

PPOR Pre-Incident Information Summary for Commercial Anchorage Area

Type: Anchorage County: San Diego Latitude: 32° 43.2' 117.185 Longitude: 117° 11.1' 117.185

Location Description: This is located south of Harbor Island and its availability is wide open because most Navy ships use anchorage outside of the harbor.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Brown pelicans and Least terns (seasonally) may utilize surface waters of San Diego Bay in this area

Sensitive Non-protected (Non-TAES) Species:

Shoreline and marine invertebrates are in this area. Extensive use of surrounding water surface area by numerous species of marine birds and shore birds.

Subsistence-use Species:

None

Essential Fish Habitat:

San Diego Bay and shallow water eelgrass beds

Commercial Fisheries / Species:

None

Critical Habitat for TAES:

Brown pelican and Least terns (seasonally) feeding may occur in surrounding water surface area

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

This Bay provides loafing, breeding, and foraging for numerous bird species, but the most important areas for birds in the inner bay are in the southern part.

Critical Habitat for Subsistence Species:

None

Historic and Cultural Resources:

SHPO Contact Info
Milford Wayne Donaldson
916-651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

San Diego Bay waters are used for finfish

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

Human Health and Safety:

This is a public venue so there is little public control. Of the eight sites identified, this has the highest potential to human health.

Economic Impact on Maritime Commerce and Shipping:

This is a cruise ship terminal so if operations closed this terminal, there could be a significant impact to maritime commerce. People fly into San Diego to catch cruises and it would be expensive to move all of these people to Los Angeles. This could have a significant impact of the Southern California region. Each cruise ship has approximately 2,000 people. Grape St Pier and part of the Embarcadero has become docking piers for mega yachts.

Economic Impact on Commercial Fishing and Aquaculture:

If Grape Street pier is affected, this would affect the sea bass restocking program. G-Street Mole and its offloading of commercial fish might be affected.

Economic Impact on Non-maritime Commerce:

San Diego could potentially lose a fair amount of revenue from people visiting from the cruise ships. In addition, if the situation warranted the closing of Harbor Drive, this could have a significant economic impact to the city. Public services, Seaport Village, and the County Administration Building could also be impacted.

PPOR Pre-Incident Information Summary for Commercial Anchorage Area

Type: County: Latitude: Longitude:

Economic Impact on Recreational Fishing and Marine Tourism:

Whale watching boats would most likely be shut down. In addition, all of the marine excursion vessels, maritime museums, and ferries would most likely be shut down. Recreational fishing is sparse and transient.

Other Economic Impacts:

The Navy's Broadway Complex could be affected.

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
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Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Marine Fire Fighting Resources:

Approximate Tug Response Time:

List of Nearby Environmentally Sensitive Sites: 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
17 Kts	4-8 Ft	Mud/Sticky	38	31	.5-5 Kts	Calm	<.5 miles	Yes	West	<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:	
	Commercial Anchorage Area		400	30	1300			Booming strategies
Site Contact/Leasee/Owner:								

PPOR Pre-Incident Information Summary for Outer Anchorage

Type: Anchorage County: San Diego Latitude: 32° 40.5' 117.218 Longitude: 117° 13.1' 117.218

Location Description: This location is south of Pt Loma. It is in a sheltered gyre. The sandy bottom is deep enough for most major vessels and grounding is possible to the east which is the Coronado beach shoreline, an area of great public use and tourism.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Brown pelican may congregate to rest and feed. This is also used for foraging for Least Tern. In addition this is a Snowy Plover nesting and foraging habitat.

Sensitive Non-protected (Non-TAES) Species:

Extensive use of surrounding water surface area by numerous species of marine birds and shore birds. Shoreline and marine invertebrates are in this area.

Subsistence-use Species:

N/A

Essential Fish Habitat:

Extensive shallow eelgrass bed

Commercial Fisheries / Species:

Shallow water purse sein for anchovy. There is lobster from Autumn to Spring.

Critical Habitat for TAES:

Shoreline area used by Western Snowy Plover, Least Tern (seasonally). Pelicans use Zuniga Jetty during low tide periods.

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

Extensive use of surrounding water surface area by numerous species of marine and shore birds. The rocky intertidal there (particularly at the national monument) is very productive and provides foraging grounds for lots of shore birds. The peregrine falcon is present here as well.

Critical Habitat for Subsistence Species:

N/A

Historic and Cultural Resources:

SHPO Contact Info
Milford Wayne Donaldson
916-651-9404
mwdonaldson@parks.ca.gov

Recreational Species and Habitat:

Various finfish, lobster, clam resources associated with eelgrass bed, rock habitat, and nearby sandy beach.

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

Human Health and Safety:

Breakers Beach and Silver Strand State Beach and located here. In addition, Imperial Beach is located nearby. Depending on the day, a large amount of people might be out. Personnel at the Coronado Naval Base and the residents of Coronado might be affected.

Economic Impact on Commercial Fishing and Aquaculture:

There is commercial fishing in this area. Primarily it is lobster and anchovy.

Economic Impact on Recreational Fishing and Marine Tourism:

The recreational fishing and beach related tourist activity might be impacted heavily. This will most likely be a local impact.

Economic Impact on Maritime Commerce and Shipping:

None

Economic Impact on Non-maritime Commerce:

There is a potential that the cities of Coronado and Imperial Beach might see drops in tourism.

Other Economic Impacts:

There could be an impact to the Naval Amphibious Base. Numerous types of operational training would be affected. It would be difficult for the Navy to find alternate areas to conduct this training.

PPOR Pre-Incident Information Summary for Outer Anchorage

Type: County: Latitude: Longitude:

Stakeholder List for this Place / Site

Name / Title Organization Phone more details

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Marine Fire Fighting Resources:

Approximate Tug Response Time

List of Nearby Environmentally Sensitive Sites: 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
17 Kts	4-8 Ft	Sand/Shells	18	5	.5-5 mile	Calm	<.5 miles	No	Any	<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:
	Outer Anchorage	Light	None	35		There is no limit on swing room in this area.	Not likely
Site Contact/Leasee/Owner:		Sector San Diego (619) 278-7057					