

6-400-X Site Summary - Entrance San Diego Bay**6-400-X****County:** San Diego**ACP Division/Segment:** SD - G - S002 SD - G - S003 SD - G - S004 SD - G - S005
SD - M - S002 SD - H - S001 SD - H - S004 SD - H - S002
SD - G - S006 SD - G - S007 SD - G - S008**NOAA Chart:** 18773**Map Book:** 1288 B7**Decimal Degrees:** 32.68329 -117.23015**Site Description:**

This site is approximately 2000 feet wide at Ballast Point. The entrance to San Diego Bay is large and subject to tidal currents up to 2 knots. The response strategies near the entrance are intended to prevent oil from spreading into the more sensitive back bay shallow water shoreline habitat. Many economic or environmental sensitive sites are located around the San Diego Bay. At the north end of the bay economic considerations will dominate a response effort.

Resources at Risk:**ESI and Habitat:** 9A Sheltered tidal flats

1B Exposed solid man-made structures

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	California Ridgeway's rail	FE, SE	Year-round	
Birds	California least tern	FE, SE	Feb - Sep	
Mammals	harbor seal	FP	Year-round	
Plants	intertidal mudflat		Year-round	
Plants	salt marsh bird's beak	FE, SE	Year-round	

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	South Coastal Information Center	(619) 594-5682
E	/Security Officer	NAVBASE CORONADO Security	(619) 524-6999
E	/Coordinator	US Navy Base Point Loma	(619) 553-7069
O	/Public Affairs	NAVBASE CORONADO HQ	(619) 545-8167
O	/Dispatch	San Diego Harbor Police	(619) 686-6272
T	/Environmental Program Manager	NAVBASE CORONADO Environmental	(619) 545-3429
T	/Environmental Health and Safety	San Diego Port District	(619) 686-6254
T	/Spill Coordinator (24hr)	US Fish and Wildlife Service, Carlsbad Office	(760) 607-9768
T	/NOSC Program Manager	US Navy (Spill Response)	(619) 556-6232

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

The bay has a significant amount of vessel traffic including jet skis, aircraft carriers, submarines, and float planes. Traffic control can be a significant challenge for on-water operations.

Concerns and Advice to Responders:

Stopping the spread of oil near the bay entrance is the purpose of the 6-400-X strategies. Refer to ACP Site 6-000-A for important information on beach nesting birds that may be in the area. Be prepared to use site monitors to evaluate and minimize any potential negative effects (especially to listed species) that could result from cleanup and response activities.

Hazard and Restrictions:

On water vessel traffic control measures and a Local Notice to Mariners should be considered if long term traffic delays are anticipated as a result of boom deployment. Waves & strong currents are common near the entrance to San Diego Bay.

Site Strategies:**Site Validation Level: III****Strategy: 6-400.1 Objective:** Exclude Oil

Strategy: V – configuration radiating from the first outbound red channel marker buoy back toward Ballast Point on the west shore with attachment at the base of the Ballast Point pier piling (1,700 ft). This strategy may be improved by laying segments of boom in place of one string, which would add 500 ft. to the total length of boom needed. On the east shore the boom end will be anchored on the riprap armoring near the head of Zuniga jetty (1,500 ft). The boom will be linked at the channel buoy to prevent any gap. Oil will be deflected to the west and east shorelines for recovery by truck or vessel mounted skimmers.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			3700	feet	<i>Strategy Updated:</i> <i>Last Test: 4/27/2021</i>
Anchor	Danforth	25 lb		12		
Vessel	Boom Boat			4		
Staff	Staff to Deploy			8		

Strategy: 6-400.2 Objective: Divert Oil

Strategy: Deflection boom beginning at Ballast Point and extending northeast to North Island.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			2000	feet	
Anchor	Danforth	25 lb		8		
Staff	Staff to Deploy			6		
Vessel	Boom Boat			2		

Strategy: 6-400.3 Objective: Divert Oil

Strategy: Install boom from the center of the channel and secure it to the shore of North Island.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1500	feet	
Anchor	Danforth	25 lb		3		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			2		

Strategy: 6-400.4 Objective: Divert Oil

Strategy: Collect oil on falling tides by installing a deflection boom from the Scripps Institution of Oceanography's Marine Facilities Pier out to the channel marker buoy #16A.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			3000	feet	
Anchor	Danforth	25 lb		5		
Vessel	Boom Boat			2		
Staff	Staff to Deploy			6		

Strategy: 6-400.5 Objective: Divert Oil

Strategy: Anchor near the center of the channel to a point on the jetty at North Island. Plan to collect stranded oil on rising tides.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1500	feet	
Anchor	Danforth	25 lb		3		
Vessel	Boom Boat			2		
Staff	Staff to Deploy			4		

Strategy: 6-400.6 Objective: Divert Oil

Strategy: Collect oil on falling tides by installing a deflection boom beginning at the public fishing pier on Shelter Island and extending to the channel marker buoy #18.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			3500	feet	
Anchor	Danforth	25 lb		8		
Vessel	Boom Boat			2		
Staff	Staff to Deploy			4		

Strategy: 6-400.7 Objective: Divert Oil

Strategy: Install a collection boom beginning at the beach on North Island south of the boat launch and extending to the channel marker buoy #19.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			2500	feet	
Anchor	Danforth	25 lb		4		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			4		

Strategy: 6-400.8 Objective: Exclude Oil

Strategy: Install a channel closure boom at the entrance of the Shelter Island Marina.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			700	feet	<i>Strategy Updated: Last Test: 6/22/2021</i>
Anchor	Danforth	25 lb		3		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			4		

Strategy: 6-400.9 Objective: Exclude Oil

Strategy: Install a closure boom at the entrance of Commercial Basin.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1200	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 6/22/2021
Anchor	Danforth	70 lb		4		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			4		

Strategy: 6-400.10 Objective: Exclude Oil

Strategy: Install a closure boom at the entrance of Harbor Island Marina.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1000	feet	
Anchor	Danforth	25 lb		4		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			4		

Strategy: 6-400.11 Objective: Exclude Oil

Strategy: Install a closure across the channel at the Naval Recruit Depot.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 8/27/2020
Anchor	Danforth	25 lb		3		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			2		

Logistics:

Directions: The San Diego Bay entrance protection strategy is reachable only by boat.

Land Access: Land access to the response area is limited inside the boundaries of Naval Base Point Loma or Naval Base Coronado.

On-Water Limitations: This response site is accessible by boat only. Vessel traffic plans should be established if boom deployments will impede navigation in San Diego Bay.

Facilities, Staging Areas, Command Posts, Available Equipment: There are many boat launch facilities in San Diego Bay. The closest public dock and boat launch is on Shelter Island.

Communications Problems: None.

Additional Operational Comments:



CDFW - OSPR & USCG Site: 6-400 Name: Entrance San Diego Bay

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..... Harbor Boom