

Sector San Diego– Area Contingency Plan (ACP)

Volume II: Section 9800

2018-2020 Annual Updates to Geographic Response Strategies for Environmental Sensitive Sites

Version 2018.3

Geographic Response Area (GRA)	Site Number	Heading/Site Name	Change Description
GRA 1 - Camp Pendleton			No Change
GRA 2 - North San Diego County	6-250.3	San Luis Rey River	New boom strategy to address on site changes.
GRA 3 - Central San Diego County	6-306.3	Kendall-Frost Reserve	Minor change in boom length prescription, +100'
GRA 4 - South San Diego County	6-400X	Entrance San Diego Bay	Strategy 400.11 - boom length adjustment.
GRA 4 - South San Diego County	6-460.3	Emory Cove	Major change in boom length prescription, +2500'; Strategy 6-460.3 updated; Minor text edits & updates to reflect strategy improvements.
GRA 5 - San Clemente Island	All Sites	All Sites	All sensitive sites reviewed onsite in February 2020. Changes include 2 site deletions, 2 sites added, and 2 sites merged into one. Updated text and contact numbers for all sites. See additional info. below.

6-250-A Site Summary - San Luis Rey River**6-250-A****County:** San Diego **ACP Division/Segment:** SD - C - S005 SD - C - S006**NOAA Chart :** 18758**Map Book :** 1085 J6**Decimal Degrees :** 33.20206 -117.39223**Site Description:**

At the mouth of the San Luis Rey River there is a +/- ten acre marsh and wetland habitat that is used by many species of wildlife. The site for booming or berming is at the river mouth immediately downstream of the Pacific St. Bridge. The site is dynamic and therefore subject to significant change due to tides, waves, and rainy weather. Any on-site protective deployment should address the existing site morphology and weather conditions forecasted for the duration of a response.

Resources at Risk:

ESI and Habitat: 10A Salt - and brackish-water marshes
 3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	Western snowy plover	FT, SSC	Year-round
Birds	California least tern	FE, SE	Feb - Sep
Fish	tidewater goby	FE, SSC	Variable

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:

TypeName/Title	Organization	Phone
C Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
T /	California Department of Fish and Wildlife	(858) 467-4201
T /Spill Coordinator (24hr)	US Fish and Wildlife Service, Carlsbad Office	(760) 607-9768

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

Additional Site Summary Comments:

Sediment accumulation at the mouth of River has changed the site enough so that an alternative Site Strategy was added in 2020.

Concerns and Advice to Responders:

Strategically Dynamic: Assess current site conditions before selecting a response strategy or ordering response equipment. A successful response at the San Luis Rey River will exclude oil from the estuary on an incoming tide by stopping oil movement with either an exclusion boom or with a berm installation, or both.

Hazard and Restrictions:

The river mouth is subject to flooding following severe storm events. Booming should not be attempted when the river stage is high or immediately following any significant rainfall in the watershed.

Site Strategies:**Strategy: 6-250.1 Objective:**

Strategy: Install boom from the northwest edge of the channel across to a point near the southern foot of the Pacific Street Bridge. This strategy assumes a high river flow where the river mouth is fully open.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			800	feet	<i>Strategy Updated:</i>
Vessel	Boom Boat or Skiff			1		<i>Last Test: 4/19/2012</i>
Staff	Staff to Deploy			4		
Staff	Staff to Tend			2		

Strategy: 6-250.2 Objective: Build Berm

Strategy: Construct a berm with sand bags filled with beach sand or use heavy equipment to construct a sand berm to close the river mouth to tidal exchange. Consider installing an underflow pipe.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Sandbags				500		<i>Strategy Updated:</i>
Heavy Equipment	Front Loader			1		<i>Last Test: 4/19/2012</i>
Staff	Staff to Deploy			12		

Strategy: 6-250.3 Objective: Deploy Containment Boom

Strategy: Deploy boom from the top of the sand bar across the narrow river channel to strand oil at the foot of the Pacific Street Bridge.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			200	feet	<i>Strategy Updated:</i>
Anchor	Danforth	22lb		2		<i>Last Test: 11/19/2019</i>

Logistics:

Directions: Exit I-5 at Harbor Drive in Oceanside. Follow Harbor Dr. toward the south side of the marina and west toward the beach. A public parking lot is located at the north side of the river mouth at the end of S. Harbor Drive.

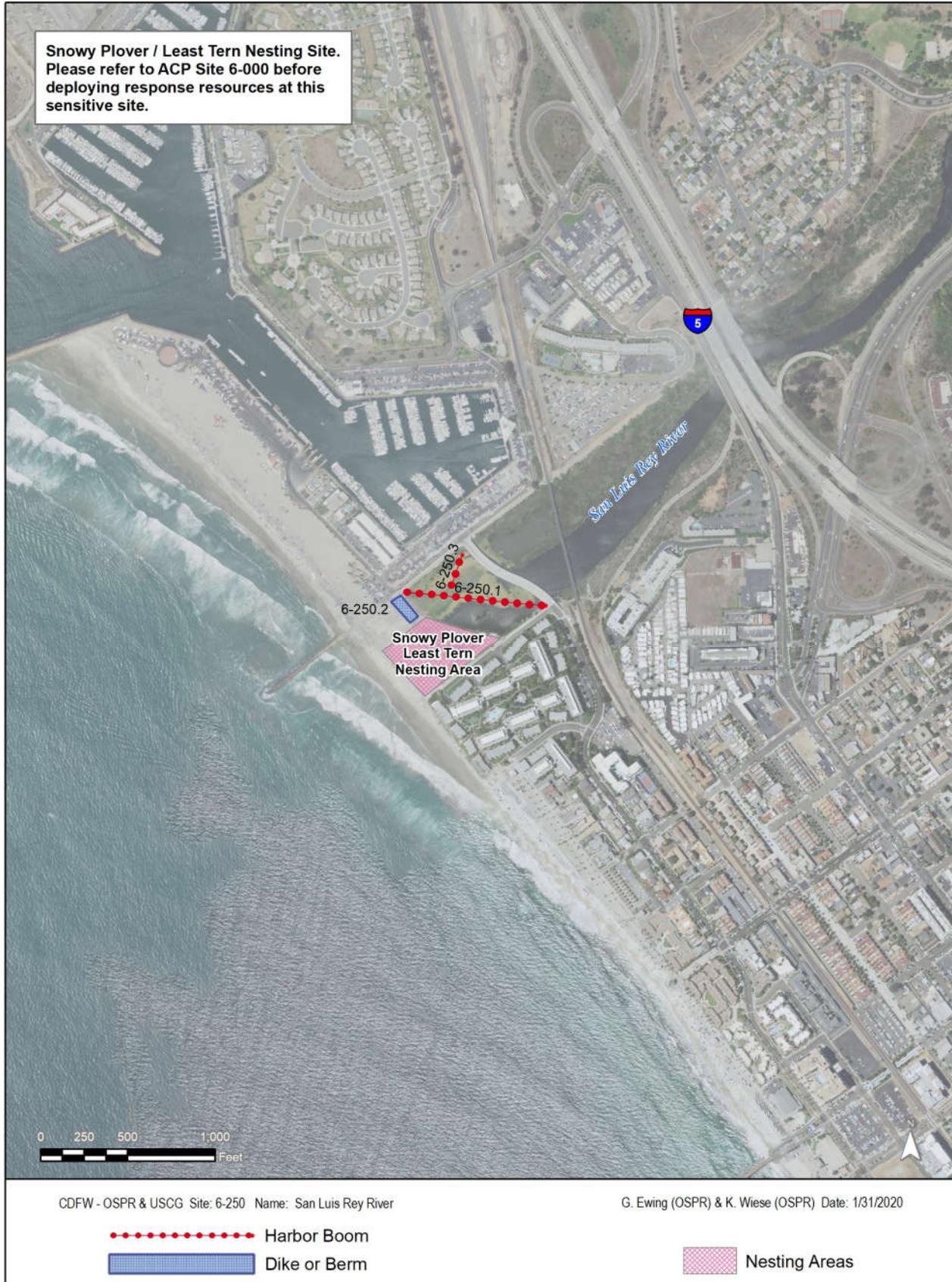
Land Access: All access is available. Vehicular beach access is available off Pacific Street.

On-Water Limitations: Limited to hand launch skiffs with minimal draft.

Facilities, Staging Areas, Command Posts, Available Equipment: A staging area is available at the river mouth parking lot on the north side of the river crossing road.

Communications Problems: None.

Additional Operational Comments: Heavy equipment may be used to close the river mouth when endangered species are not present. Nesting sites may be vulnerable to all traffic (vehicular or foot). Consult a resource biologist prior to on-scene response actions during spring and summer months to avoid impacts to beach nesting birds.



6-306-A Site Summary - Kendall-Frost Reserve**6-306-A****County :** San Diego **ACP Division/Segment :** SD - E - S009**NOAA Chart :** 18765**Map Book :** 1248 B7**Decimal Degrees :** 32.78958 -117.23063**Site Description:**

The Kendall-Frost Reserve is a remnant wetland area in the far north end of Mission Bay. It is bisected by several tidal channels that flood the low lying habitat to varying levels as determined by tidal conditions.

The mouth of Rose Creek enters Mission Bay ~1/4 mile east of the Kendall-Frost Reserve. Strategy 3 for this site was created to capture the fact that ~500' of boom would be required to close the mouth of Rose Creek.

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

10A Salt - and brackish-water marshes

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	Belding's savannah sparrow	SE	Year-round
Birds	California Ridgeway's rail	FE, SE	Year-round
Plants	pickleweed		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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	/	University of California San Diego	(619) 534-2077
O	/	San Diego County Sheriffs	(858) 565-5200
O	/	Scripps Institute Of Oceanography	(858) 784-1000
T	Becky Ota/	California Department of Fish & Wildlife, MPAs	(650) 631-6789
T	/Southern Communications Center SURCOM	California State Parks	(951) 443-2944
T	/San Diego Coast District	State Parks and Recreation	(619) 688-3260
T	Isabelle Kay/	UCSD Scripps Coastal Reserves	(858) 534-2077

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

Refer to ACP Site 6-000-A for important information on beach nesting birds that use this site. 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 at this site.

Hazard and Restrictions:

The Kendall-Frost Reserve is flooded extensively during high tides. At low tide a wide, soft mudflat extends a considerable distance from the marsh vegetation edge.

Site Strategies:**Strategy: 6-306.1 Objective:**

Strategy: Deploy harbor boom across the outboard side of the shoal marker buoys from the west to east end of the reserve.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			3000	feet	<i>Strategy Updated: Last Test: 9/16/2015</i>
Vessel	Boom Boat			1		
Anchor	Danforth	25 lb		4		
Staff	Staff to Deploy			5		

Strategy: 6-306.2 Objective:

Strategy: Sandbag each tidal inlet to prevent entry of petroleum into the tidal channels on rising tides.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Sandbags				250		
Staff	Staff to Deploy			10		

Strategy: 6-306.3 Objective: Deploy Containment Boom

Strategy: Deploy boom across Rose Creek to bring oil to a suitable place along the shoreline for collection.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	<i>Strategy Updated: Last Test: 7/11/2019</i>
Anchor	Danforth	22 lb		2		
Vessel	Boom Boat or Skiff			1		
Staff	Staff to Deploy			2		

Logistics:

Directions: This site is adjacent to street address: 18 Lamont St. San Diego, CA 92109.

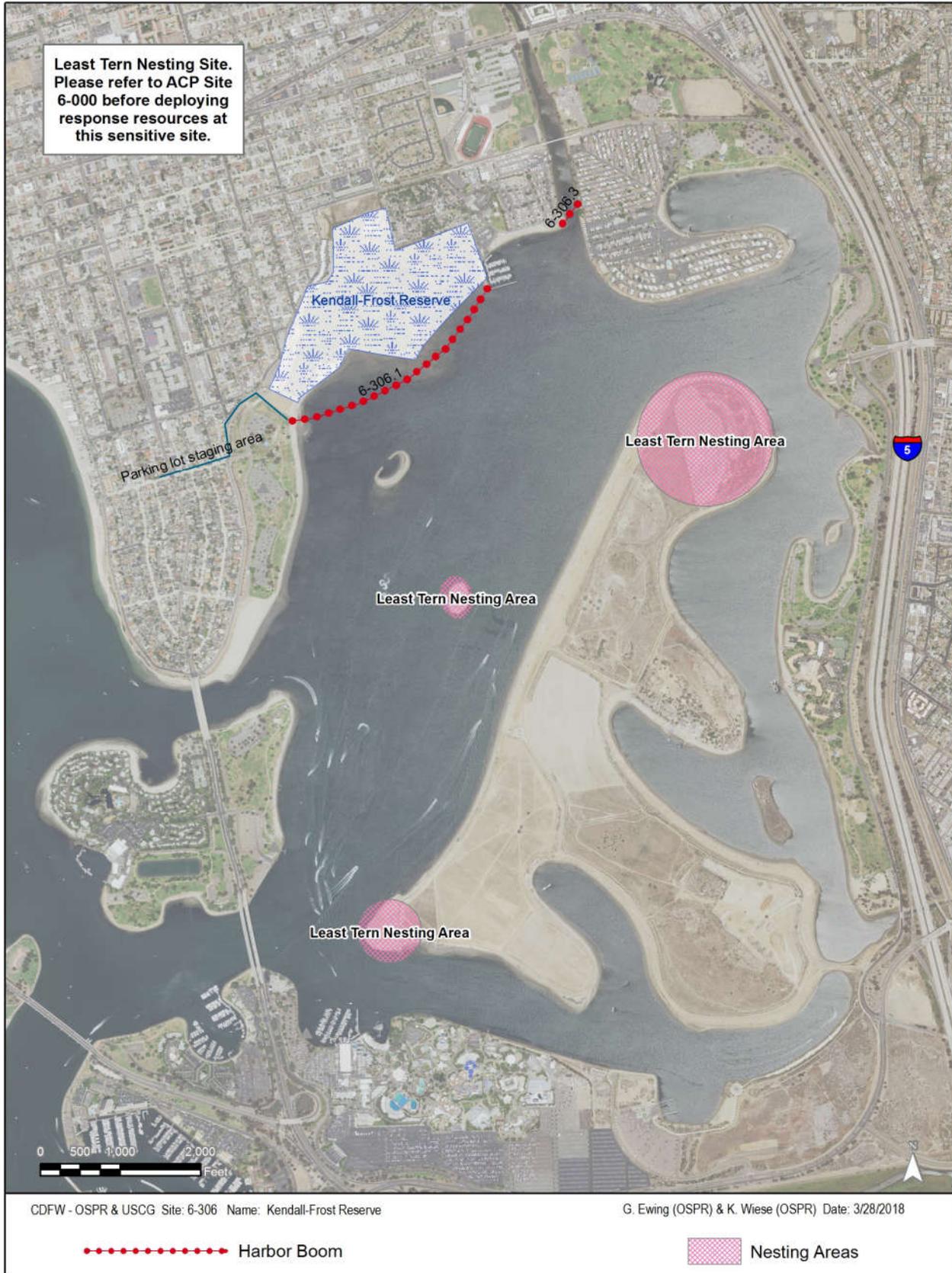
Land Access: All access is available from the parking lot at Mission Bay Park.

On-Water Limitations: A boat launch ramp is located at Vacation Island and in the Dana Basin.

Facilities, Staging Areas, Command Posts, Available Equipment: A large public parking lot is within 100 yards of the south end of Kendall-Frost Reserve.

Communications Problems: None.

Additional Operational Comments: This site is managed by UC San Diego.



Imagery: NAIP 2016, 60 cm resolution

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:** Deploy Containment Boom

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 Resource

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			3700	feet	
Anchor	Danforth		25 lb	12		
Vessel	Boom Boat			4		
Staff	Staff to Deploy			8		

Strategy: 6-400.2 Objective: Deploy Containment Boom

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

Table of Response Resource

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: Deploy Containment Boom

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

Table of Response Resource

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: Deploy Containment Boom

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 Resource

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: Deploy Containment Boom

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 Resource

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: Deploy Containment Boom

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 Resource

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: Deploy Containment Boom

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 Resource

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: Deploy Containment Boom

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

Table of Response Resource

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	<i>Strategy Updated</i>
Anchor	Danforth		25 lb	3		<i>Last Test 8/28/2013</i>
Vessel	Boom Boat			1		
Staff	Staff to Deploy			4		

Strategy: 6-400.9 Objective: Deploy Containment Boom

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

Table of Response Resource

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: 6-400.10 Objective: Deploy Containment Boom

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

Table of Response Resource

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: Deploy Containment Boom

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

Table of Response Resource

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	<i>Strategy Updated</i>
Anchor	Danforth		25 lb	3		<i>Last Test 8/27/2020</i>
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 on 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

G. Ewing (OSPR) & K. Wiese (OSPR) Date: 4/3/2018

●●●●● Harbor Boom

6-460-A Site Summary - Emory Cove**6-460-A****County :** San Diego **ACP Division/Segment :** SD - K - S001**NOAA Chart :** 18773**Map Book :** 1329 F4**Decimal Degrees :**32.60492 -117.12262**Site Description:**

Emory Cove is located in the southwest corner of San Diego Bay. It is a protected marsh habitat subject to tidal flooding through several narrow tidal channels. During lower tides, large exposed sandbars or tidal mud flats surround the marsh. Very high tides can inundate much of the marsh. Because the South Bay is relatively shallow, any boat operating at this site must have a shallow draft.

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

10A Salt - and brackish-water marshes

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	California least tern	FE, SE	Feb - Sep
Birds	migratory shorebirds	FP	
Birds	migratory waterfowl	FP	
Plants	intertidal mudflat		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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	/	South Bay Salt Company	(619) 423-3388
T	/Southern Communications Center SURCOM	California State Parks	(951) 443-2944
T	/	National Marine Fisheries Service	(562) 980-4043
T	/Spill Coordinator (24hr)	US Fish and Wildlife Service, Carlsbad Office	(760) 607-9768

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

Additional Site Summary Comments:

Strategy 6-460.3 is to be used when offshore (Santa Ana) winds are blowing oil towards this shoreline. Shallow water and extensive mud flats will be a challenge to any deployment of boom at this site. This site was tested with an equipment deployment in 2018. This site may be safely accessed for deployment by boat on tides of +3.0' above MLLW with shallow draft vessels only.

Concerns and Advice to Responders:

This shallow water mudflat has limited boat access and is probably not safe for nighttime boom deployments.

Hazard and Restrictions:

This site should be approached carefully as the shallow marsh habitat could suffer negative impacts from the workers deploying boom. Workers should remain on trails when walking in the area to avoid trampling vegetation.

Site Strategies:**Strategy: 6-460.1 Objective:**

Strategy: Collect oil off-site using boom sets or towed boom arrays to prevent oil migration to this site.

Table of Response Resources

Last Page Update**Strategy: 6-460.2 Objective:**

Strategy: Install sand bag barriers across the flood channels to keep oil out of the wetlands. Each channel will require about 75 sandbags. Use only clean quarry sand or beach sand from an appropriate off-site source.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Sandbags				300		

Strategy: 6-460.3 Objective: Deploy Containment Boom

Strategy: Deploy 5000 feet of harbor boom from the levy road at the south end of the marsh going north in the shallow water along the edge of the marsh. Attach the other end of the boom on the shoreline north of the sensitive marsh habitat.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			5000	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 10/16/2018
Anchor	Danforth		15 lb	6		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			6		

Logistics:

Directions: Land based vehicular access to this site is from the north bound CA-75 Silver Strand Boulevard. Approaching from the south via Palm Ave, merge onto Silver Strand Boulevard toward Coronado. Parking is immediately off the road.

Land Access: Good access is available off of Silver Strand Blvd. Boom trailers might be used on-site in dry weather, or with a proper lane closure to deploy this site. Foot traffic can access the marsh area from a parking lot off of northbound Highway CA-75.

On-Water Limitations: Boat access is limited due to shallow water near this site.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging of sand bags can occur along the north and south ends of Emory Cove where parking is available adjacent to the highway.

Communications Problems: Cell phone service can be hindered by roaming conflicts near the International Border.

Additional Operational Comments: Only experienced shallow water boat operators should attempt to deploy boom at this site.



Imagery: NAIP 2016, 60 cm resolution

SD-GRA-5 San Clemente Island Los Angeles County 2018.3 Update



Changes to the 2018.0 Sector San Diego GRA-5 Environmental Sensitive Sites

SD-GRA-5 San Clemente Island Los Angeles County 2018.3 Revision



2018.3 Index map to Sector San Diego GRA-5 Environmental Sensitive Sites

San Diego Geographic Response Area 5, San Clemente Island, Los Angeles County Interim Update Following a February 2020 Sensitive Site Evaluation.

San Diego Geographic Response Area 5 (SD-GRA-5), San Clemente Island, encompasses the shoreline of San Clemente Island (SCI). SCI is the southern-most of eight Channel Islands off the southern California coast. The island is about 75 miles northwest of San Diego and is part of Los Angeles County. The island is about 21 miles long, 3 miles wide, and covers approximately 56 square miles. The Navy has owned and trained at SCI since 1934, and they use much of the property for live fire training exercises throughout the year.

There are no site-specific booming strategies for the shoreline of SCI. The ACP Site Strategies objectives for all SCI sites is to consider offshore containment, recovery, or Alternative Response Techniques (ART) to keep offshore spills from arriving on this shoreline.

ACP 6 San Diego Area Committee

SD-GRA-5 Summary of Sensitive Site Changes From 2020 Cruise Results

Table of Geographic Response Strategies in SD-GRA-5 Indicating 2018.3 Changes

Site Number	Site Name	Changes
6-510-B	San Clemente Island, Castle Rock	Text Updates
6-520-B	San Clemente Island, Bird Rock	Text Updates
6-530-B	San Clemente Island, Wilson Cove North Point	Text Updates
6-540-B	San Clemente Island, Wilson Cove Central Area	Text Updates
6-545-A	San Clemente Island, China Point	New Site
6-550-A	San Clemente Island, Seal Cove to Mail Point	Merged Into 6-555
6-555-A	San Clemente Island, Mail Point Area	New Site
6-560-A	San Clemente Island, Mail Point to S.E. 1 NM	Merged Into 6-555
6-565-A	San Clemente Island, West Cove	New Site
6-570-B	San Clemente Island, Lost Point	Site Deleted
6-580-A	San Clemente Island, Mosquito Point	Site Deleted

County: Los Angeles*ACP Division/Segment:**NOAA Chart* 18763*Map Book:**Decimal Degrees* 33.03408 -118.61405**Site Description:**

Castle Rock is a small (<2 square acre) offshore rock on the northwest tip of San Clemente Island. It is used by large numbers of California brown pelicans and other bird species for roosting and nesting. This site is approximately 0.33 nautical miles offshore from a small arms range on the main island.

San Clemente Island has been divided into eight Safety Zones that extend away from the shoreline for three nautical miles. Castle Rock is fully contained inside of Safety Zone "G" and is always restricted to public use. All access for response on San Clemente Island or in the waters adjacent to this military base must be pre-approved by the Navy prior to entry into any of the designated Safety Zones.

Resources at Risk:*ESI and Habitat:* 1C Exposed rocky cliffs with boulder talus base

2A Exposed wave-cut platforms in bedrock, mud, or clay

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	California brown pelican	FP, SP	Jun - Oct	
Birds	black oystercatcher	FP	Year-round	
Birds	Brandt's cormorant	FP	Year-round	
Birds	Western gull	FP		
Invertebrates	black abalone	FE	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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	Duty Officer/Patrol Watch Commander	Commander, Navy Region Southwest Coronado	(619) 545-7418
E	/Security Officer	San Clemente Island	(619) 524-9214
T	Melissa Neuman/Marine Biologist	National Marine Fisheries Service	(562) 481-4594
T	/Wildlife Biologist	San Clemente Island	(619) 545-7188
T	/Natural Resources Officer	US Navy, Coronado	(619) 545-1130

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

San Clemente Island is a military facility with restricted access at all times. Contact must be made with the Security Office to obtain permissions to operate near the island. Coordinate with the Navy to avoid area conflicts and to arrange for military personnel to support with planning and cleanup operations. The primary goal of response will be to prevent oil from impacting the shoreline.

Hazard and Restrictions:

Note the presence of restricted or dangerous areas at various locations around the island. See San Clemente Island navigation chart (#18762).

Safety Zone information for San Clemente Island can be found at <https://www.scisland.org/>. As a working live fire range with the potential for unexploded ordnance, initial spill response must be limited to 3nm offshore. Responders should coordinate work plans with the San Clemente Island Explosive Ordnance Disposal experts prior to working on the island.

Site Strategies:**Site Validation Level: II**

Strategy: 6-510.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART
Strategy: Mechanical protection techniques are not likely to be effective on this high energy rocky shoreline. The recommended response strategies are on-water containment and recovery (e.g. towed boom arrays) and to pursue the feasibility of using alternative technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site.

Table of Response Resource

Last Page Update

Strategy Updated 2/19/2020

Last Test

Logistics:

Directions: The two options for travel to San Clemente Island are by aircraft or boat.

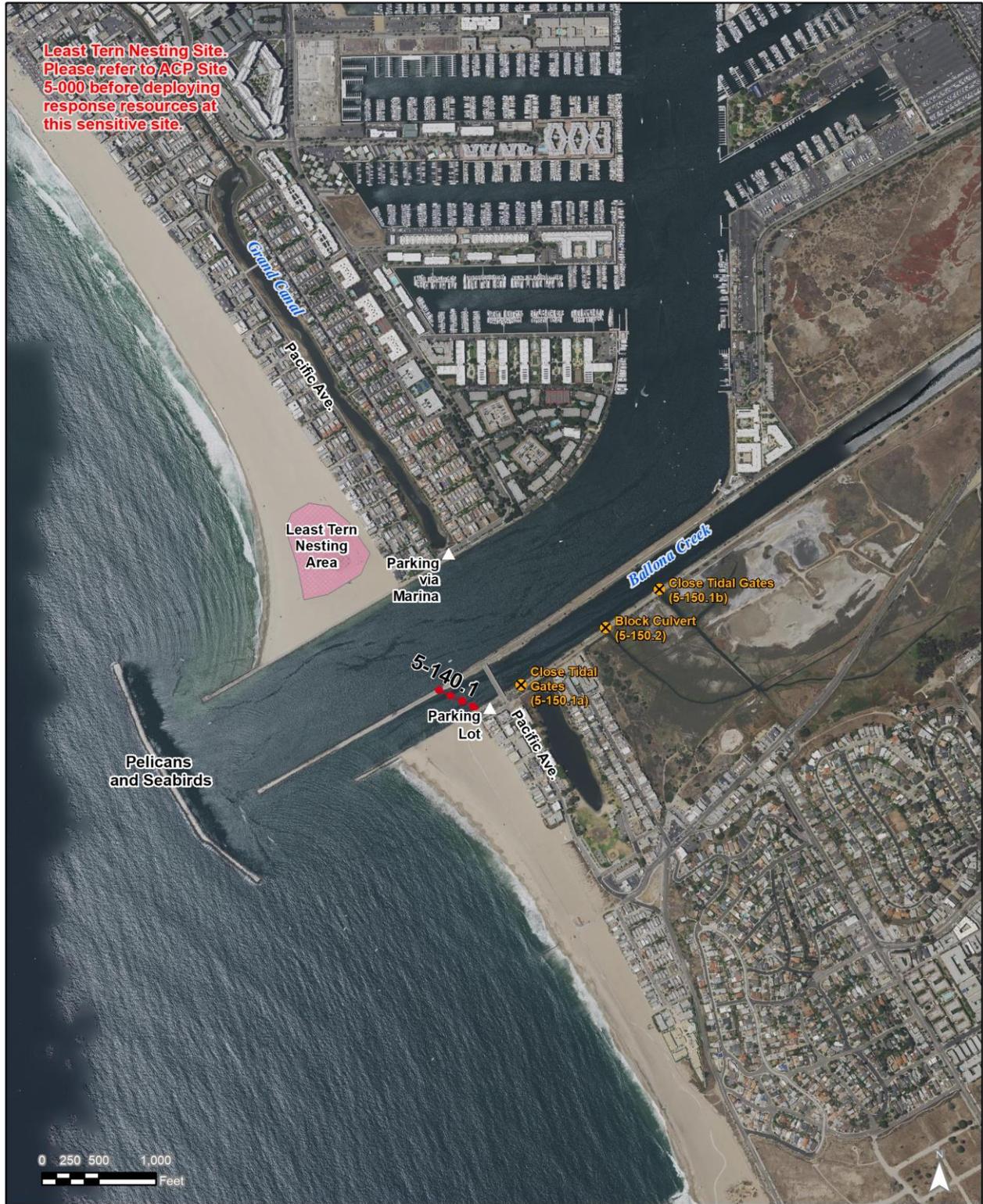
Land Access: There are very few roads and vehicles available on San Clemente Island.

On-Water Limitations: Water access to this rocky coastline is safety limited to ocean worthy vessels. Routine access to the island is by barge. Contact Naval Air Station 32nd Air Station Barge Service (619) 556-1573. San Clemente Island Pier Office (619) 524-9331.

Facilities, Staging Areas, Command Posts, Available Equipment: Any planned emergency operations should be Pre-authorized by the Commander, Naval Base Coronado for logistic support. Available facilities are limited.

Communications Problems: Satellite phones are encouraged. Cell phone coverage is good around the north end of the island.

Additional Operational Comments:



Least Tern Nesting Site.
Please refer to ACP Site
5-000 before deploying
response resources at
this sensitive site.

CDFW - OSPR & USCG Site: 5-150 Name: Ballona Wetlands, Del Rey Lagoon

G. Ewing (OSPR) & B. Stewart (OSPR) Date: 2/15/2019

- Tidegate
- Harbor Boom

Nesting Site

County: Los Angeles*ACP Division/Segment:**NOAA Chart:* 18763*Map Book:**Decimal Degrees:* 33.03753 -118.59171**Site Description:**

Bird Rock is a free standing offshore rock utilized by large numbers of birds and marine mammals year-round. Contact the San Clemente Island Security Office before responding on this island.

San Clemente Island has been divided into eight Safety Zones that extend away from the shoreline for three nautical miles. Bird Rock is fully contained within Safety Zone "A," which is intermittently closed to public use. The grenade and detonation range on the main island is adjacent to this site. All access for response on San Clemente Island or in the waters adjacent to this military base must be pre-approved by the US Navy.

Resources at Risk:*ESI and Habitat:* 1C Exposed rocky cliffs with boulder talus base

2A Exposed wave-cut platforms in bedrock, mud, or clay

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	seabirds		Year-round	
Birds	Western gull	FP	Year-round	
Birds	black oystercatcher	FP	Year-round	
Invertebrates	black abalone	FE	Year-round	
Mammals	California sea lion	FP	Year-round	
Mammals	harbor seal	FP	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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	Duty Officer/Patrol Watch Commander	Commander, Navy Region Southwest Coronado	(619) 545-7418
E	/Security Officer	San Clemente Island	(619) 524-9214
O	Melissa Neuman/	National Marine Fisheries Service, Black Abalone	(562) 980-4115
T	/Wildlife Biologist	San Clemente Island	(619) 545-7188
T	/Natural Resources Officer	US Navy, Coronado	(619) 545-1130

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

San Clemente Island is a military facility with restricted access at all times. Contact must be made with the Security Office to obtain permission to enter before responding to sites on this island. The Navy uses the island for live fire exercises. Responders should coordinate work with the San Clemente Island Explosive Ordnance Disposal experts prior to working on the island.

Hazard and Restrictions:

Note the presence of restricted or dangerous areas at various locations around the island. See San Clemente Island navigation chart (#18762)

Site Strategies:**Site Validation Level: II**

Strategy: 6-520.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART
Strategy: This site is difficult to protect. Mechanical shoreline protection techniques are not likely to be effective because of high wave energy and rocky conditions at the site. The recommended response strategies are on-water containment and recovery (e.g. towed boom arrays) and to pursue feasibility of alternative response technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site.

Table of Response Resources

Last Page Update

Strategy Updated: 2/19/2020

Last Test:

Logistics:

Directions: When sea conditions allow, this rock may be approached by small craft.

Land Access: Boat only. The Navy has a 9,300' runway on San Clemente Island.

On-Water Limitations: Water access to this rocky coastline is limited. Access to the island is by barge. Contact Naval Air Station 32nd Air Station Barge Service (619) 556-1573. San Clemente Island Pier Office (619) 524-9331.

Facilities, Staging Areas, Command Posts, Available Equipment: This is a military facility. Any planned emergency operations need to be coordinated with the Commander, Naval Base, Coronado for logistic support of government operations, and with the Commander, Naval Region, Southwest who is responsible for the natural resources and facilities on the island. Pre-approval of any response within 300 yds of shore is mandatory.

Communications Problems: Satellite phones are encouraged. Cell phones may have limited coverage.

Additional Operational Comments: This is a military facility. Any planned emergency operations need to be coordinated with the Commander, Naval Base, Coronado for logistic support of government operations, and with the Commander, Naval Region, Southwest who is responsible for the natural resources and facilities on the island. Pre-approval of any response within 300 yds of shore is mandatory.



CDFW - OSPR & USCG Site: 6-520 Name: San Clemente Island, Bird Rock

G. Ewing (OSPR) & K. Wiese (OSPR) Date: 4/3/2018

County: Los Angeles**ACP Division/Segment:****NOAA Chart:** 18763**Map Book:****Decimal Degrees:** 33.02455 -118.56257**Site Description:**

Wilson Cove North Point is located on the north east side of San Clemente Island. Offshore rocks and kelp forests support congregations of seabirds and marine mammals. Contact the San Clemente Island Security Office before responding to the island. San Clemente Island has been divided into eight Safety Zones that extend away from the shoreline for three nautical miles. Wilson Cove North Point is fully contained inside of Safety Zone "Wilson Cove", a zone that is always restricted to public use. All access for response on SCI or in the waters adjacent to this military base must be preapproved by the Navy prior to entry into any of the designated Safety Zones.

Resources at Risk:*ESI and Habitat:* 1A Exposed Rocky Shore**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	Brandt's cormorant	FP	Year-round	
Birds	Western gull	FP	Year-round	
Invertebrates	black abalone	FE	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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	/Security Officer	San Clemente Island	(619) 524-9214
O	Melissa Neuman/	National Marine Fisheries Service, Black Abalone	(562) 980-4115
T	/Natural Resources Officer	US Navy, Coronado	(619) 545-1130

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

San Clemente Island is a military facility with restricted access. Before responding to San Clemente Island, contact must be made with the Island Security Office to obtain permissions to operate near the island, to coordinate with the Navy to avoid range conflicts, and to arrange for other military support personnel to work within response operations to ensure the safety of response personnel. The purpose of this site strategy is to prevent oil from reaching the shoreline.

Hazard and Restrictions:

Note the presence of restricted and dangerous areas at various locations around the island. See San Clemente Island navigation chart #18762. Safety Zone information for SCI can be found at <https://www.scisland.org/>. There may be unexploded ordnances on the Island. Responders need to coordinate work plans with the SCI Explosive Ordnance Disposal experts prior to working on the island.

Site Strategies:**Site Validation Level: II**

Strategy: 6-530.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART
Strategy: This site is difficult to protect. Mechanical shoreline techniques are not likely to be effective because of high wave energy and rocky conditions at the site. A) Recommended response strategy is on-water containment and recovery (e.g. towed boom arrays). B) Pursue feasibility of alternative response technologies (e.g. dispersants and in-situ burning) to reduce volume of oil reaching the site.

Table of Response Resources

Last Page Update

Strategy Updated: 2/19/2020

Last Test:

Logistics:

Directions: The island is accessible by ocean worthy vessels and aircraft only.

Land Access: There are only a few roads and vehicles available on the island.

On-Water Limitations: Water access to the rocky coastline is limited. Regular access to the island is by barge. Contact Naval Air Station 32nd Air Station Barge Service (619) 556-1573. San Clemente Island Pier Office (619) 524-9331.

Facilities, Staging Areas, Command Posts, Available Equipment: Restricted access to the limited on-site facilities may be available from the Navy upon request. The Navy has a 9,300' runway on SCI.

Communications Problems: Satellite phones are encouraged. Cell phones should work near the north end of the island.

Additional Operational Comments:



County: Los Angeles**ACP Division/Segment:****NOAA Chart** 18763**Map Book:****Decimal Degrees** 33.00749 -118.55758**Site Description:**

Wilson Cove Central Area is located on the northeast side of San Clemente Island on the south end of the cove. This site is near the fuel pumping facility on the main island. The cove and headlands to the south of the cove have a relatively pristine rocky shoreline that provides good habitat for vigorous kelp forest growth. The Navy has a boat dock in the Wilson Cove Safety Area. Navigation is restricted within 2 nm of shore in the Wilson Cove Safety Zone. Entry into the cove is normally prohibited for non-military vessels.

Resources at Risk:*ESI and Habitat:* 1A Exposed Rocky Shore**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	Brandt's cormorant	FP	Year-round	
Birds	Western gull	FP	Year-round	
Birds	seabirds		Year-round	
Invertebrates	black abalone	FE	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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	Duty Officer/Patrol Watch Commander	Commander, Navy Region Southwest Coronado	(619) 545-7418
E	/Security Officer	San Clemente Island	(619) 524-9214
O	Melissa Neuman/	National Marine Fisheries Service, Black Abalone	(562) 980-4115
T	/Wildlife Biologist	San Clemente Island	(619) 545-7188
T	/Natural Resources Officer	US Navy, Coronado	(619) 545-1130

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

Wilson Cove Central Area has a shallow rocky coastline with thick mats of kelp floating at the surface along much of the shoreline. San Clemente Island is a military facility with restricted access at all times. Contact must be made with the Security Office to obtain permission to enter before responding to sites on the island. The Navy uses the island for live fire exercises making response coordination a first priority before entering the established offshore Safety Zones.

Hazard and Restrictions:

Note the presence of restricted and dangerous operational areas around the entire island. See San Clemente Island navigation chart (#18762). Safety Zone information can be found at <https://www.scisland.org/>. There may be unexploded ordnances on the Island. Responders need to coordinate work plans with the San Clemente Island Explosive Ordnance Disposal experts prior to working on the island.

Site Strategies:**Site Validation Level: II**

Strategy: 6-540.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART
Strategy: Mechanical protection techniques are not likely to be effective on this high energy rocky shoreline. The recommended response strategies are on-water containment and recovery (e.g. towed boom arrays) and to pursue the feasibility of using alternative technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site.

Table of Response Resource

Last Page Update

Strategy Updated 2/18/2020
Last Test

Logistics:

Directions: The two options for travel to San Clemente Island are by aircraft or boat.

Land Access: There are very few roads and motor vehicles available on the island. Much of the shoreline is inaccessible.

On-Water Limitations: Water access to this rocky coastline is limited. Routine access to the island is by barge. Contact Naval Air Station 32nd Air Station Barge Service (619) 556-1573. San Clemente Island Pier Office (619) 524-9331.

Facilities, Staging Areas, Command Posts, Available Equipment: The Island has a 9,300' runaway, limited berthing options, limited food options, and requires demolition control escorts for safety and environmental concerns. The Navys dock at Wilson Cove is generally off limits to civilian vessels.

Communications Problems: Satellite phones are encouraged. Cell phones may have limited coverage near the north end of the island.

Additional Operational Comments: This is a military facility. Any planned emergency operations need to be coordinated with the Commander, Naval Base, Coronado for logistic support of government operations, and with the Commander, Naval Region, Southwest who is responsible for the natural resources and facilities on the island. Pre-approval of any response within 3 nm of shore is mandatory.



NO SHORELINE STRATEGIES;
CONSIDER OFFSHORE STRATEGIES

Wilson Cove

0 500 1,000 2,000 Feet



CDFW - OSPR & USCG Site: 6-540 Name: San Clemente Island Wilson Cove, Central Area

G. Ewing (OSPR) & K. Wiese (OSPR) Date: 4/17/2018

County: Los Angeles*ACP Division/Segment:**NOAA Chart:* 18764*Map Book:**Decimal Degrees:* 32.80395 -117.42715**Site Description:**

China Point is located at the southwest corner of San Clemente Island. Offshore rocks and kelp forests support congregations of seabirds and marine mammals. Contact the San Clemente Island Security Office before responding to the island.

San Clemente Island has been divided into eight Safety Zones that extend away from the shoreline for three nautical miles. China Point is fully contained inside of Safety Zone "D," a zone that is intermittently restricted to public use. All access for response on San Clemente Island or in the waters adjacent to this military base must be pre-approved by the Navy prior to entry into any of the designated Safety Zones.

Resources at Risk:*ESI and Habitat:* 1C Exposed rocky cliffs with boulder talus base

2A Exposed wave-cut platforms in bedrock, mud, or clay

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Ashy storm petrel	SSC	Year-round	
Birds	Scripps's murrelet	ST	Year-round	
Birds	seabirds		Year-round	
Invertebrates	black abalone	FE	Year-round	
Mammals	California sea lion	FP	Year-round	
Plants	kelp beds		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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	Duty Officer/Patrol Watch Commander	Commander, Navy Region Southwest Coronado	(619) 545-7418
E	/Security Officer	San Clemente Island	(619) 524-9214
O	Melissa Neuman/	National Marine Fisheries Service, Black Abalone	(562) 980-4115
T	/Wildlife Biologist	San Clemente Island	(619) 545-7188
T	/Natural Resources Officer	US Navy, Coronado	(619) 545-1130

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

San Clemente Island is a military facility with restricted access at all times. Contact must be made with the Security Office to obtain permissions to operate near the island, coordinate with the Navy to avoid live fire range conflicts, and arrange for other military support personnel to ensure safety of operations while working on San Clemente Island, before responding to the island. The Navy uses the island for live fire exercises. Responders should coordinate work plans with San Clemente Island Explosive Ordnance Disposal experts prior to working on the island.

Hazard and Restrictions:

Note the presence of restricted or dangerous areas at various locations around the island. See San Clemente Island navigation chart (#18764). Safety Zone information for San Clemente Island can be found at <https://www.scisland.org/>

Site Strategies:**Site Validation Level: II**

Strategy: 6-545.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART
Strategy: This site is difficult to protect. Mechanical shoreline techniques are not likely to be effective because of high wave energy and rocky conditions at the site. The recommended response strategies are on water containment and recovery (e.g. towed boom arrays) and to pursue the feasibility of alternative response technologies (e.g. dispersants and in-situ burning) to reduce volume of oil reaching the site.

Table of Response Resources

Last Page Update

Strategy Updated: 2/19/2020

Last Test:

Logistics:

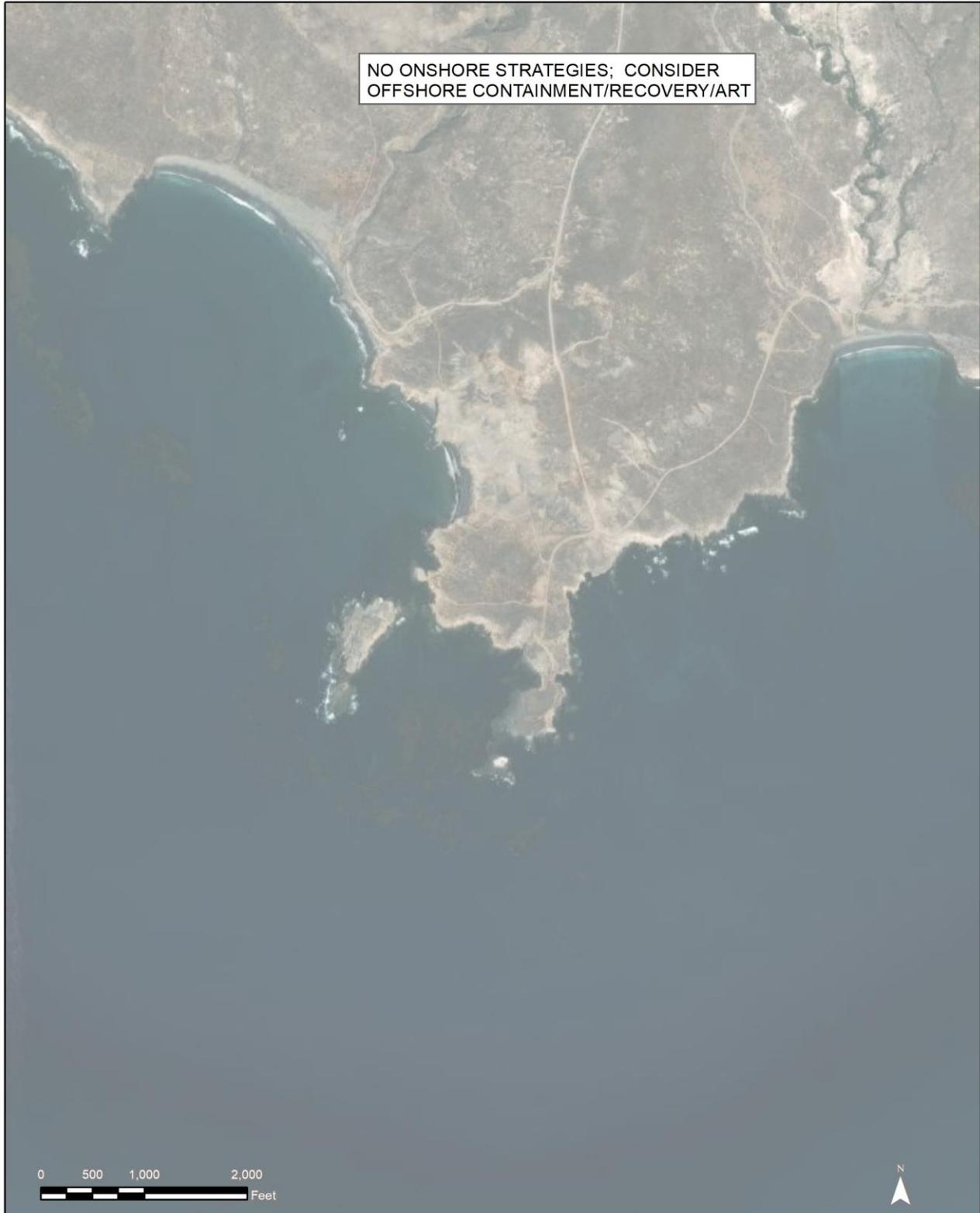
Directions: The two options for travel to San Clemente Island are by aircraft or boat. Coordination with Commander, Naval Base Coronado is required before attempting any response within 3 nm of the shoreline.

Land Access: Boat only. The Navy has a 9,300' runway on the island.

On-Water Limitations: Water access to this rocky coastline is limited. Access to the island is by barge. Contact Naval Air Station 32nd Air Station Barge Service (619) 556-1573. San Clemente Island Pier Office (619) 524-9331.

Facilities, Staging Areas, Command Posts, Available Equipment: This is a military facility. Any planned emergency operations should be coordinated/pre-authorized by the Commander, Naval Base Coronado for logistic support of government operations, and with the Commander, Naval Region, Southwest who is responsible for the natural resources and facilities on the island.

Communications Problems: Satellite phones are encouraged. Cell phone coverage is limited.



NO ONSHORE STRATEGIES; CONSIDER
OFFSHORE CONTAINMENT/RECOVERY/ART

0 500 1,000 2,000
Feet



County: Los Angeles**ACP Division/Segment:****NOAA Chart:** 18762**Map Book:****Decimal Degrees:** 32.888798 -118.519284**Site Description:**

Mail Point Area is a 8.5 mile shoreline section located on the central, west side of San Clemente Island. Offshore rocks and kelp forests support congregations of seabirds and marine mammals. Contact the San Clemente Island Security Office before responding to the island. San Clemente Island has been divided into eight Safety Zones that extend away from the shoreline for three nautical miles. Mail Point Area is fully contained inside of Safety Zone "E", a zone that is intermittently restricted to public use. All access for response on SCI or in the waters adjacent to this military base must be preapproved by the Navy prior to entry into any of the designated Safety Zones.

Resources at Risk:**ESI and Habitat:** 1C Exposed rocky cliffs with boulder talus base

2A Exposed wave-cut platforms in bedrock, mud, or clay

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Brandt's cormorant	FP	Year-round	
Birds	Western gull	FP	Year-round	
Birds	Ashy storm petrel	SSC	Year-round	
Birds	Scripps's murrelet	ST	Year-round	
Birds	Guadalupe murrelet		Year-round	
Invertebrates	black abalone	FE	Year-round	
Mammals	Northern elephant seal	FP	Year-round	
Mammals	California sea lion	FP	Year-round	
Mammals	harbor seal	FP	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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	/Security Officer	San Clemente Island	(619) 524-9214
O	Melissa Neuman/	National Marine Fisheries Service, Black Abalone	(562) 980-4115
T	David Ledig/Manager	Bureau of Land Management, Coastal Natl. Monum	(831) 630-5006
T	/Natural Resources Officer	US Navy, Coronado	(619) 545-1130

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

San Clemente Island is a military facility with restricted access. Before responding to San Clemente Island, contact must be made with the Island Security Office to obtain permissions to operate near the island, to coordinate with the Navy to avoid range conflicts, and to arrange for other military support personnel to work within response operations to ensure the safety of response personnel. The purpose of this site strategy is to prevent oil from reaching the shoreline.

Hazard and Restrictions:

Note the presence of restricted and dangerous areas at various locations around the island. See San Clemente Island navigation chart #18762. Safety Zone information for SCI can be found at <https://www.scisland.org/>. There may be unexploded ordnances on the Island. Responders need to coordinate work plans with the SCI Explosive Ordnance Disposal experts prior to working on the island.

Site Strategies:**Site Validation Level: II**

Strategy: 6-555.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART
Strategy: Deploy a towed boom array to intercept floating petroleum. (The equipment list describes a single towed array). Multiple arrays may be required to address large spills.

Table of Response Resources

Last Page Update*Strategy Updated:* 2/19/2020*Last Test:***Logistics:**

Directions: The island is accessible by ocean worthy vessels and aircraft only.

Land Access: There are only a few roads and vehicles available on the island.

On-Water Limitations: Water access to the rocky coastline is limited. Regular access to the island is by barge. Contact Naval Air Station 32nd Air Station Barge Service (619) 556-1573. San Clemente Island Pier Office (619) 524-9331.

Facilities, Staging Areas, Command Posts, Available Equipment: Restricted access to the limited on-site facilities may be available from the Navy upon request. The Navy has a 9,300' runway on SCI.

Communications Problems: Satellite phones are encouraged. Cell phones should work near the north end of the island.

Additional Operational Comments:



County: Los Angeles*ACP Division/Segment:**NOAA Chart* 18762*Map Book:**Decimal Degrees* 32.016 -118.596**Site Description:**

San Clemente Island, West Cove is located near the northwest end of the island just to the south of Navy's runaway. The semi-protected cove has a south facing sandy beach that can provide Western snowy plover's with nesting habitat.

West Cove is fully contained inside of Safety Zone "F" with restrictions to public nearshore navigation. All access for response on San Clemente Island or in the waters adjacent to this military base must be pre-approved by the Navy prior to entry into any designated Safety Zone.

Resources at Risk:*ESI and Habitat:* 5 Mixed sand and gravel beaches

1A Exposed Rocky Shore

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Western snowy plover	FT, SSC	Year-round	
Birds	Brandt's cormorant	FP	Year-round	
Birds	Guadalupe murrelet		Year-round	
Invertebrates	black abalone	FE	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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
E	Duty Officer/Patrol Watch Commander	Commander, Navy Region Southwest Coronado	(619) 545-7418
E	/Security Officer	San Clemente Island	(619) 524-9214
O	Melissa Neuman/	National Marine Fisheries Service, Black Abalone	(562) 980-4115
T	/Wildlife Biologist	San Clemente Island	(619) 545-7188
T	/Natural Resources Officer	US Navy, Coronado	(619) 545-1130

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

San Clemente Island is a military facility with restricted access. Before responding to San Clemente Island, contact must be made with the Island Security Office to obtain permissions to operate near the island, to coordinate with the Navy to avoid range conflicts, and to arrange for other military support personnel to work within response operations to ensure the safety of response personnel. The purpose of this site strategy is to prevent oil from reaching the shoreline.

Hazard and Restrictions:

Note the presence of restricted and dangerous areas at various locations around the island. See San Clemente Island navigation chart #18762. Safety Zone information for San Clemente Island can be found at <https://www.scisland.org/>. There may be unexploded ordnances on the Island. Responders need to coordinate work plans with the San Clemente Island Explosive Ordnance Disposal experts prior to working on the island.

Site Strategies:**Site Validation Level: II**

Strategy: 6-565.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART
Strategy: Mechanical protection techniques are not likely to be effective on this high energy rocky shoreline. The recommended response strategies are on-water containment and recovery (e.g. towed boom arrays) and to pursue the feasibility of using alternative technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site.

Table of Response Resource

Last Page Update

Strategy Updated 2/19/2020

Last Test

Logistics:

Directions: The island is accessible by ocean worthy vessels and aircraft only.

Land Access: There are only a few roads and vehicles available on the island.

On-Water Limitations: Water access to the rocky coastline is limited. Regular access to the island is by barge. Contact Naval Air Station 32nd Air Station Barge Service (619) 556-1573. San Clemente Island Pier Office (619) 524-9331.

Facilities, Staging Areas, Command Posts, Available Equipment: Restricted access to the limited on-site facilities may be available from the Navy upon request. The Navy has a 9,300' runway on SCI.

Communications Problems: Satellite phones are encouraged. Cell phones should work near the north end of the island.

Additional Operational Comments:

