

2-401 -B/C Site Summary- Pier 39

2-401 -B/C

County: **San Francisco**
USGS Quad: **San Francisco North**

Thomas Guide Location
AAA - San Franc
Latitude N
3 7 48
Longitude W
122 22
NOAA Chart: **Entrance to San Francisco Bay 18649**

Last Page Update : 7/1/2005

SITE DESCRIPTION:

This site is the basin bounded by Pier 39 on the northeast and seawalls on the other sides. It is an abandoned marina. California sea lions haul out on the former docks of the marina. Pier 39 is a significant tourist attraction during the summer & fall months. These floating docks and all of Pier 39 are fronted with a sea wall along the outer perimeter. This area is entirely man made structures. Several times each day, the commuter ferry passes by these floating sealion haulout docks.

SEASONAL and SPECIAL RESOURCE CONCERN

This is a B priority from August through March.

RESOURCES OF PRIMARY CONCERN

This is a haulout for 500 to 600 juvenile and adult California sea lions from August through March. This is a B priority from August through March and a C priority the remainder of the year.

California sea lions haul out at this location.

Herring spawn on the pier pilings in the winter months (Nov-Apr). Various species of fish are present throughout the year.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison -(916) 653-9125), and the Northwest Information Center, (Bryan Much, Sonoma State College ((707) 332-1117)) for specific information on historic or cultural resources in this area.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T	GGNRA Dispatch	US National Park Service, Golden Gate (NRA)	(415) 561-5505
ELO	Sidonie Sansome	Port of San Francisco	(415) 274-8065

ADDITIONAL SITE SUMMARY COMMENTS:

2-401 -B/C Site Strategy - Pier 39

County and Thomas Guide Location

AAA - San Franc San Francisco

NOAA CHART

Entrance to San Francisco Bay 18649

2-401 -B/C

Latitude N

Longitude W

3 7 48

122 22

Last Page Update : 1/15/2007

CONCERNS and ADVICE to RESPONDERS:

Sea lions that inhale or ingest petroleum can be expected to be injured or die.

HAZARDS and RESTRICTIONS:

Beware of high (ferry) boat traffic activity here, large wakes, potential for 2 to 3' seas. Piers, pilings.

SITE STRATEGIES

Strategy 2-401.1 Objective: Exclude oil by booming from entering breakwater. TEND BOOM To permit Ferry traffic.

(This is a high traffic and commuter terminal; so, there will need to be staff tending the booms at north entry to allow for traffic, unless the marina is closed by IC/UC). Exclude oil from entering the two vessel entrances to Pier 39 with 9X9+ Hboom. 200 ft is needed at the north entrance and 500 ft is needed at the east entrance. Complete exclusion by booming the north and west side of the marina and breakwater. Approximately 900 ft of 9X9+ Hboom is needed along the breakwall located on the west side of Pier 41 to prevent oil from passing through breakwater and along western margin. At the north mouth, angle boom such that a shore side skimming operation can be operated on pier 39 (access has been verified by Clean Bay). At east entrance, angle boom such that a shore side skimming (SSS) operation can be operated on near the foot of pier 35. A self propelled skimmer (SPS) may be necessary near the north mouth, and shore side staff should confer with on water Ops through ICS. Back entry booms with sorbent 700 ft.

Strategy 2-401.2 Objective: Sorbent Protection - complete the sorbent barrier in the interior of the marina breakwater to intercept seepage past booms or through breakwater.

Complete the sorbent enclosure inside of breakwalls. Use approximately 1100 ft on east side of Pier 41 to link with the 200 ft at the north entrance. If oil is entering along through the concrete seawall around the Pier 39 marina (east side of pier 39), then an additional 1400 ft of sorbent or swamp boom (and 5 anchors) will be needed to line the east side breakwater to link up with the 500 ft of sorbent and boom at the east entrance (assess and request additional resources). Light anchoring will be needed to keep sorbent positioned near breakwaters and preventing them from hanging up during high tides. (five anchors)

Strategy 2-401.3 Objective: skimming oil with 1 SPS skimmer and 1 Shoreside Skimmer

One shoreside skimmers can be operated at the southeast corner of the marina. A self propelled skimmer should be operated within and mostly at the west side of the pier to collect free-floating oil.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-401.1	1600			700	tie boom off to pilings / breakwall	1			boom tending for traffic; maneuverable boom boats	3	2
2-401.2	0	0		1100	5 small anchors	0	1	0	1400 ft sorbent or swamp boom+5 anchors on standby	2	
2-401.3	0	0	0	0	0	0	0	2 1 SSS 1 0	shoreside skimmer	4	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From the Oakland-San Francisco Bay Bridge (Highway 80), take the Embarcadero Street exit. Proceed on Embarcadero Street for approximately two miles, Pier 39 will be on your right. Access via "K" dock gate from Pier 39. This site is the basin bounded by Pier 39 on the northeast and seawalls on the other sides. It is an abandoned marina. California sea lions haul out on the former docks of the marina. Pier 39 is a significant tourist attraction during the summer & fall months.

LAND ACCESS: paved access for vehicles

WATER LOGISTICS: none

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Launching: Harbor Drive, Sausalito; Turney St, Sausalito; Berkeley Marina; Emeryville Marina; Fifth Ave. Marina, Oakland; Ballena Isle Marina, Alameda Fuel: Gashouse Cove, San Francisco

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

San Francisco OES will identify available staging areas, field posts and command posts.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

