

County: **San Francisco**
 USGS Quad: **San Francisco South**

Thomas Guide Location

Latitude N
37 44.3

Longitude W
122 22.5

NOAA Chart: **18649/18650 Entrance to SF Bay**

Last Page Update : 10/1/2017

SITE DESCRIPTION:

This site includes the entire north margin of India Basin and the land north of the power plant discharge channel. Shoreline is under San Francisco Recreation & Parks Department. This wetland park is undergoing restoration. It is a narrow peninsula with high ground, about 8 acres of tidal marsh, and mudflat shores. The site has been graded to create a combination of pools and high grounds with walking paths. There are several small tidal inlets on the south and west margins (about 500 ft total length) which admit tidal exchange to interior ponds. The bay to the south is exceedingly shallow. The north side is a riprap/pebble shore with low sensitivity. The site is undergoing natural revegetation, and the marshy vegetation is not very developed at this time. With time it may become increasingly sensitive as marsh vegetation and the marsh community develops fully. For this reason it is now an A-level site.

SEASONAL and SPECIAL RESOURCE CONCERNS

Marshes have A-sensitivity and priority protection at all times.

RESOURCES OF PRIMARY CONCERN

This is a wetland restoration site. It has high ground vegetation, pickleweed marsh, and saltmarsh ponds and lagoons. The site is surrounded by mudflats.

A variety of water birds, shorebirds and upland songbirds are present. Because there is very little marsh habitat on the San Francisco Peninsula, this site has high habitat value.

Potentially this site is suitable for endangered saltmarsh harvest mouse.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

None likely since this site was created by wetland filling.

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

Type	Name / Title	Organization	Phone
E	City of San Francisco	San Francisco, City and County of	(415) 701-2323
E	Sidonie Sansome	Port of San Francisco	(415) 274-8065

ADDITIONAL SITE SUMMARY COMMENTS:

2-353 -A Site Strategy - Heron's Head Park - India Basin

County and Thomas Guide Location

San Francisco

NOAA CHART

18649/18650 Entrance to SF Bay

2-353 -A

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

The tidal inlets could admit oil to the lagoons, ponds, and low marsh areas on this site. As emergent marshes develop along shorelines, these would also be vulnerable to oil impacts. Exclude oil from all inlets and protect shorelines or deflect away. Avoid trampling marsh vegetation. This is a marsh restoration site.

HAZARDS and RESTRICTIONS:

This basin is very shallow - follow the stakes which mark the channel.

SITE STRATEGIES

Strategy 2-353.1 Objective: Exclude oil from entering small tidal inlets to inner ponds and lagoons.

Close small tidal inlets with shore sections of swamp (river) boom 4X4+ (80 ft) and back with sorbent boom. Stake in place. Several openings are along south middle margin of the site and one at the end of a rock wall opposite the old power plant site. This can be most easily accomplished by land deployment.

Strategy 2-353.2 Objective: Deflect when oil is likely to enter India Basin, such as easterly winds, deflect oil away from site to south shore. Protect emergent marsh located on the south shore of Indian Basin.

Deploy 2,200 feet of 9X9+ Hboom from the tip of the east end of the spit to the south shore of India basin, east of the emergent marsh. Deploy at an angle to the prevailing wind so that the oil will slide down the boom to the south shoreline where the oil can be collected at the shoreline with shore-based skimming equipment or vac truck. The boom may be cascaded if that will make it easier to deploy. Sites on south side can enable rapid recharge of boom boats from shore support. A vessel traffic gap may be necessary to admit boat traffic to boat launch at India Basin Park. Anchor as necessary, tides are strong in this area.

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
2-353.1	0	200		200	12 stakes					2	
2-353.2	2200				7 22+/danforths & stakes	2	1			8	

LOGISTICS

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

By boat the site is at the back of India Basin: proceed south along the SF waterfront about 4 miles from the Bay Bridge and turn west into India Basin just north of Hunters Pt. - Pt. Avisadero (Light G 5). By vehicle, exit Hwy 101 south of SF center at Army St. Continue east toward Bay on Army and turn south (right) on Evans Ave. Evans Ave becomes Hunters Point Blvd. India Basin Shoreline Park is on the left and there is a marina at Griffith St. This site includes the entire north margin of India Basin and the land north of the power plant discharge channel. Shoreline is under San Francisco Recreation & Parks Department.

LAND ACCESS: Foot & ATV on site. All types on south shore of India Basin.

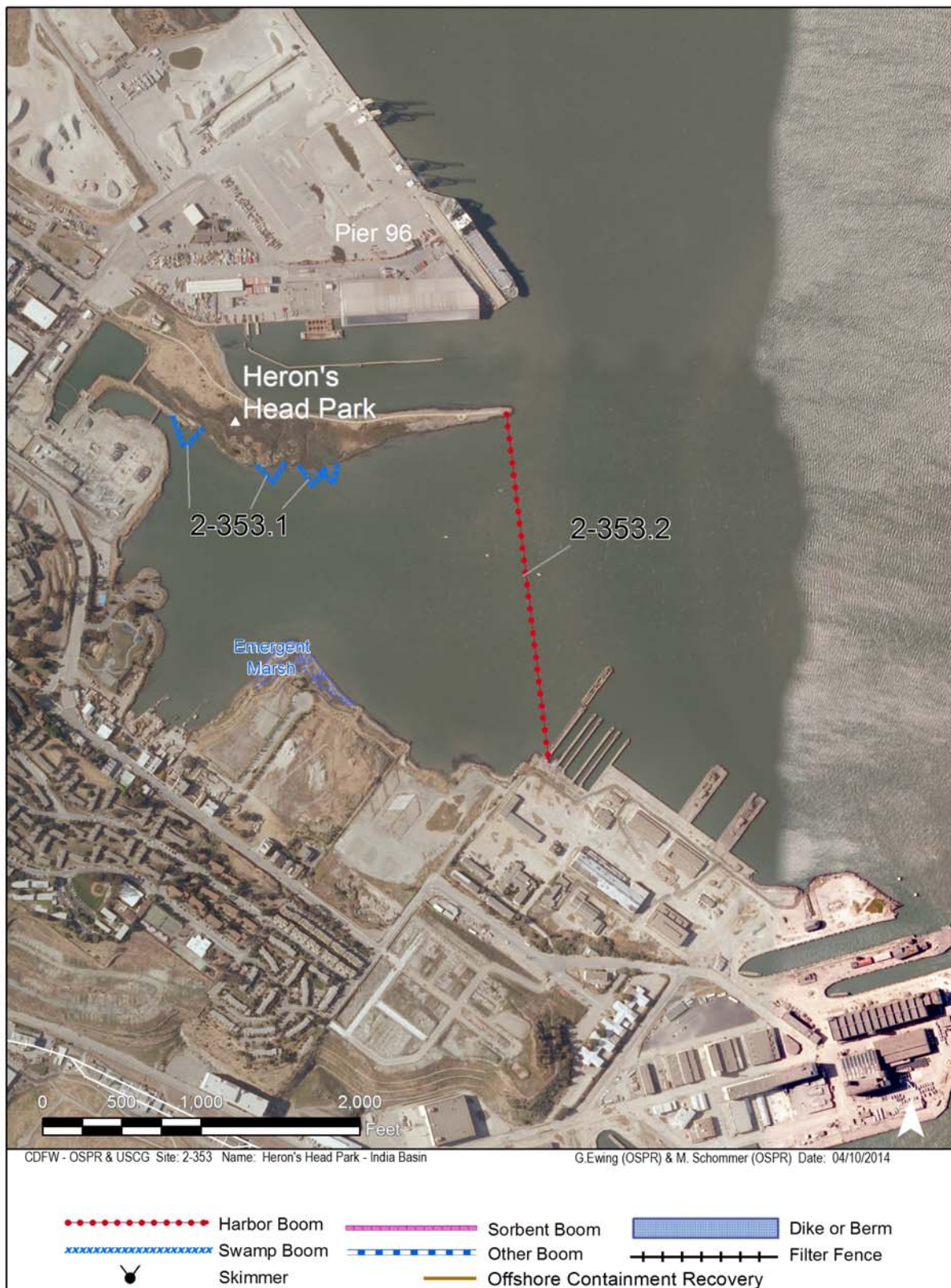
WATER LOGISTICS: Very shallow < 4' in most of basin and shallower at shore.
Limitations: depth, obstruction
Launching, Loading, Docking Launch on south shore of basin.
and Services Available:

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

Staging on south shore of India Basin.

COMMUNICATIONS PROBLEMS: No Problems

ADDITIONAL OPERATIONAL COMMENTS:



Imagery: NAIP 2010 (Summer) 4-Band

