

**2-859 -B Site Summary- Sacramento River Deep Water Ship Channel****2-859 -B**

County:	<b>Sacramento</b>	Thomas Guide Location	Latitude N	Longitude W
USGS Quad:	<b>West Sacramento, Liberty Island</b>		38 14.3	121 40.3
		NOAA Chart:	<b>18662 SACRAMENTO RIVER</b>	

Last Page Update : 7/1/2005

**SITE DESCRIPTION:**

Site extends from the Port of Sacramento to its mouth on Cache Slough. This is an artificially constructed deep channel for ships to access the Port. Although relatively narrow and artificial, the margin is emergent marsh along its entire length with occasional shrub-scrub. Conjoined to the west of the port facilities is the remnant Lake Washington which has several acres of tule-cattail marsh.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Marshy areas are high priority at all times.

**RESOURCES OF PRIMARY CONCERN**

The site has marshy margins with occasional shrub-scrub throughout its length. Anadromous fish use this slough for upstream migration.

A large variety of waterbirds use this area.

The habitat is suitable for semiaquatic species including beavers, muskrat, amphibians, etc.

Salmon and other migratory species concentrate in this channel during migratory periods.

**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
O	Robert Clark	North Delta Water Agency	(916) 446-0197
	John Henderson F/W Biologist	US Fish & Wildlife Service, Environmental Contam	(916) 414-6595
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

**ADDITIONAL SITE SUMMARY COMMENTS:**

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County and Thomas Guide Location

Sacramento

NOAA CHART

18662 SACRAMENTO RIVER

2-859 -B

Latitude N

Longitude W

38 14.3 121 40.3

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### CONCERNS and ADVICE to RESPONDERS:

Concern here is that should an oil spill occur in the ship channel, the oil should remain contained in the channel. The channel itself is also lined with marshes which are vulnerable to oiling: penetration of oil into marshy margins and into the levee via beaver, muskrat and invertebrate burrows.

### HAZARDS and RESTRICTIONS:

Slips, trips and falls. Aerial traffic be aware there are overhead wires in this area.

### SITE STRATEGIES

Strategy 2-859.1 Objective: For oil threat from Cache Slough, divert to shore for stranding & collection inside and near the mouth of the channel using prevailing wind

Set diversion/exclusion boom across the mouth of the ship channel at a diagonal from its windward tip to a leeward shore in the vicinity of R52 or G51. Strand oil on bank and set up collection. If oil is escaping past this collection point, back with sorbent and set up a second diversion/collection boom. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.

Strategy 2-859.2 Objective: Exclusion of Lake Washington (east of Port) and deflection to shoreline confinement

- Contact lock control to keep locks shut.
- Establish collection/diversion booming at best locations along ship channel or along basin shoreline as follows: booms diagonally across channel to collection sites. Back last boom with sorbent. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.
- Boom off Lake Washington (west end of port) with 700 ft of small boom 4x4+
- Prepare to execute Lindsey, Prospect and Miner Sloughs Strategies if oil advances downstream.

Strategy 2-859.3 Objective: Oil Recovery with shoreside skimming

Deploy skimmer if oil accumulates in skimmable quantities. Consult with IC prior to initiation of this strategy.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	Anchoring type and gear	Boom boat	Skiffs punts	Skimmers No	Skimmers Type	Special and	Equipment or kinds	comment	staff deploy	Staff tend
2-859.1	1300		50 OS	1400	5	5/25lb/danforths	2	1	1					8	
2-859.2	2000	700	50 OS	1100	5	9/22+/danforths& stakes	2	1		10	stakes			8	
2-859.3	0	0	0	0	0		0	0	4 SSS	0					

### LOGISTICS

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

By water the Ship Channel may be reached from Cache Slough 7 miles north of Rio Vista or from the Port of Sacramento. Land access is possible on seasonal levee roads on each side of the Channel: access is restricted and may be reached from various routes on Prospect Isl. or at the Port. Site extends from the Port of Sacramento to its mouth on Cache Slough.

**LAND ACCESS:** ALL VEHICLES IN DRY CONDITIONS

**WATER LOGISTICS:** ANY VESSEL.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launch and marine support are available at Snug Harbor (Steamboat Slough mouth) or Rio Vista.

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

The Ryer Island Ferry landing or the Port would be good deployment sites. Considerable facilities are available at either Rio Vista or the Port.

**COMMUNICATIONS PROBLEMS:** none known

**ADDITIONAL OPERATIONAL COMMENTS:**

