

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

Thomas Guide Location
 AAA - San Franc
 Latitude N
 3 7 50
 Longitude W
 122 25
 NOAA Chart: **Entrance to San Francisco Bay 18649**

Last Page Update : 1/1/2000

SITE DESCRIPTION:

Alcatraz Island is a historical site which includes a historic prison and lighthouse. It is part of Golden Gate National Recreation Area and is managed by the National Park Service. The island is located in central San Francisco Bay and exposed on all sides to extreme tidal current, wave action, and weather conditions. The shorelines are rocky intertidal platforms on the west and southwest sides; a gravel beach extends from the southern rocky platforms to the eastern side; rock cliffs are present on the majority of the west, north, and northeast sides; and pier pilings and dock facilities are present on the east side. The buildings are operated as a National Historic Park by Golden Gate National Recreation Area.

SEASONAL and SPECIAL RESOURCE CONCERN

Feb-Sept several species of birds use rocky outcroppings as breeding colonies to nest and fledge offspring.

RESOURCES OF PRIMARY CONCERN

Bird breeding colonies all around the island are of primary concern during spring and summer. Rocky intertidal platforms on the east and southwest sides has rich and diverse life year-round. Most nesting habitat is above the influence of spilled material. Also, there is a lot of wave refraction off the island shores which tends to keep oil off the island.

Site is important because western gulls, cormorants and black crowned night herons breed and rest here.

Pacific herring spawn and transverse this area in the winter months .

Numerous intertidal species inhabit the rocky areas of this site.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

This is a national historic site. For specific information on historic or cultural resources in this area, contact the Golden Gate National Seashores cultural / historic staff, 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
E/T	Darren Fong	US National Park Service, Golden Gate (NRA)	(415) 289-1838
E/T	GGNRA Dispatch	US National Park Service, Golden Gate (NRA)	(415) 561-5505
E/T	Daphne Hatch	US National Park Service, Golden Gate (NRA)	(415) 289-1840
E/T	Vika Sirova	US National Park Service, Golden Gate (NRA)	(415) 561-4731

ADDITIONAL SITE SUMMARY COMMENTS:

2-402 -B Site Strategy - Alcatraz Island

County and Thomas Guide Location

AAA - San Franc San Francisco

NOAA CHART

Entrance to San Francisco Bay 18649

2-402 -B

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

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Based on experience, oil doesn't impact this site because waves reflect off the rocky shoreline keeping oil off. Disturbance of nesting birds in Spring and Summer is a real concern. The gravel beach would be difficult to clean if affected. Anchoring is difficult but possible on the W,S, and E sides of the island. Depths range from 30 to 80 ft. close to the island. Strong flood and ebb currents exist here. Back eddies form on the east side during flood tide.

HAZARDS and RESTRICTIONS:

There is a wash rock located off the west tip of the island and shallow rock platforms and rocks near shore.

SITE STRATEGIES

Strategy 2-402.1 Objective: Protection booming in unusual conditions: When wave reflection will not likely keep oil off shoreline, protect the sensitive rocky intertidal zone on the south eastern part of the island.

In order to protect the sensitive rocky intertidal zone on the south easterlyside of the island, use 650 to 800 ft of 9X9+ Hboom. Position the boom from the dock around the south and west sides to the end of the rocky intertidal bench located near the bird colony on the cliff. The boom will act to deflect oil into the current and protect the shoreline.

Strategy 2-402.2 Objective: Deflection booming in unusual conditions: When wave reflection will not likely keep oil off shoreline, deflect oil away from and around west end of island when wave refraction is unlikely to keep oil off the shoreline

On the west end of the island, position 9X9+ Hboom in a deflection wedge configuration off the bell bouy or anchored to the reef to deflect oil into current away from island. Boom legs 600 to 1000 ft each.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvpe and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-402.1	800				7	40# danforths w/ 1/2" chain	1		0		1 vac truck	3	
2-402.2	2100	0	0	0	15	40# danforths w/ 1/2" chain	2	0	0	0		6	

LOGISTICS

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

Alcatraz is an island located in central San Francisco Bay. Access is available by boat only. Alcatraz Island is a historical site which includes a historic prison and lighthouse. It is part of Golden Gate National Recreation Area and is manged by the National Park Service.

LAND ACCESS: Access available by water only.

WATER LOGISTICS: Submerged rocks on west and south shores

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: National Parks Service maintains landing at east end of island. Otherwise boat services are at San Francisco shoreline

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

Staging, storage and skimming systems from land could be accommodated on the dock located on the east side of the island. Extensive services are at the SF shoreline

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

