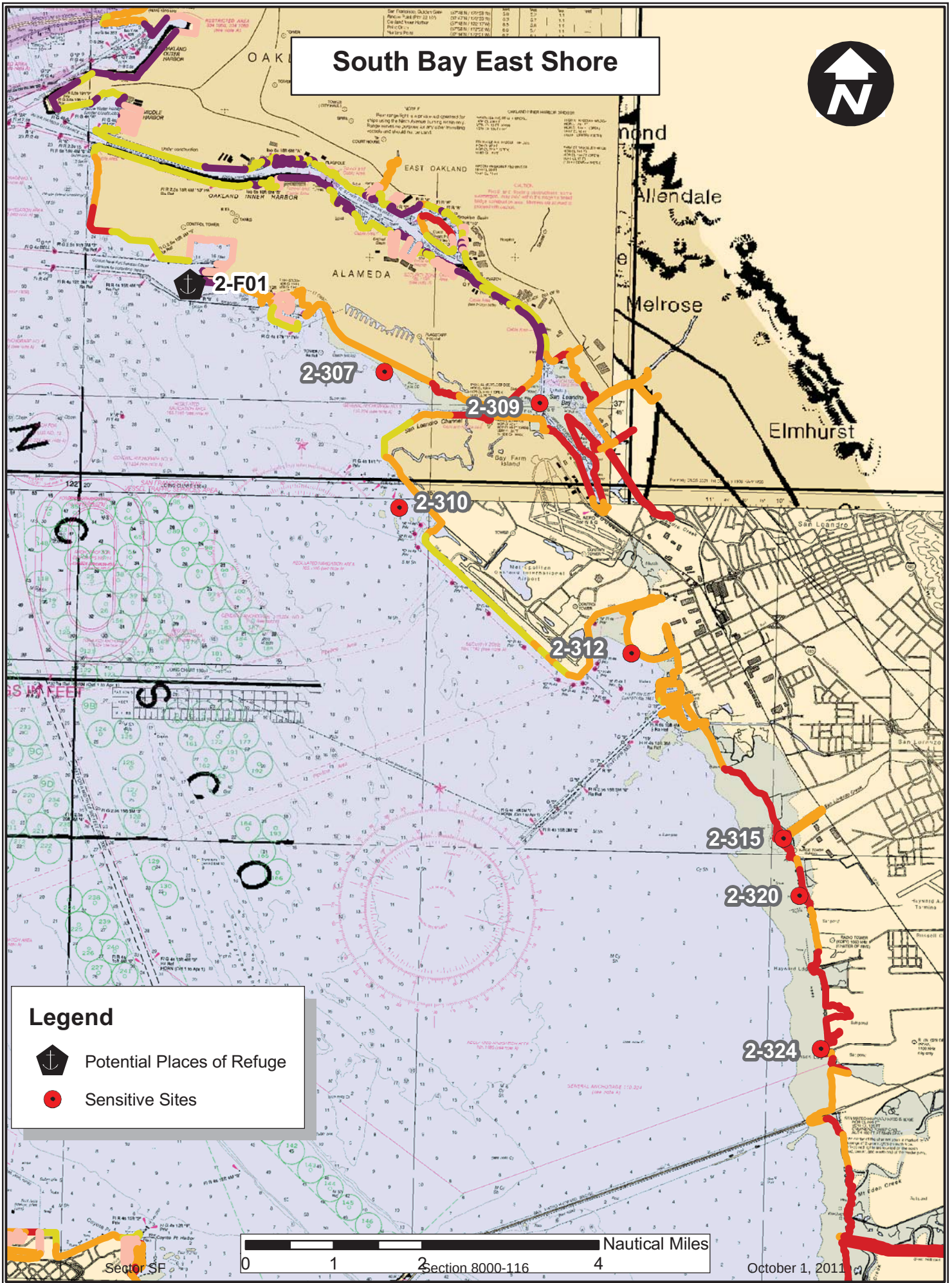
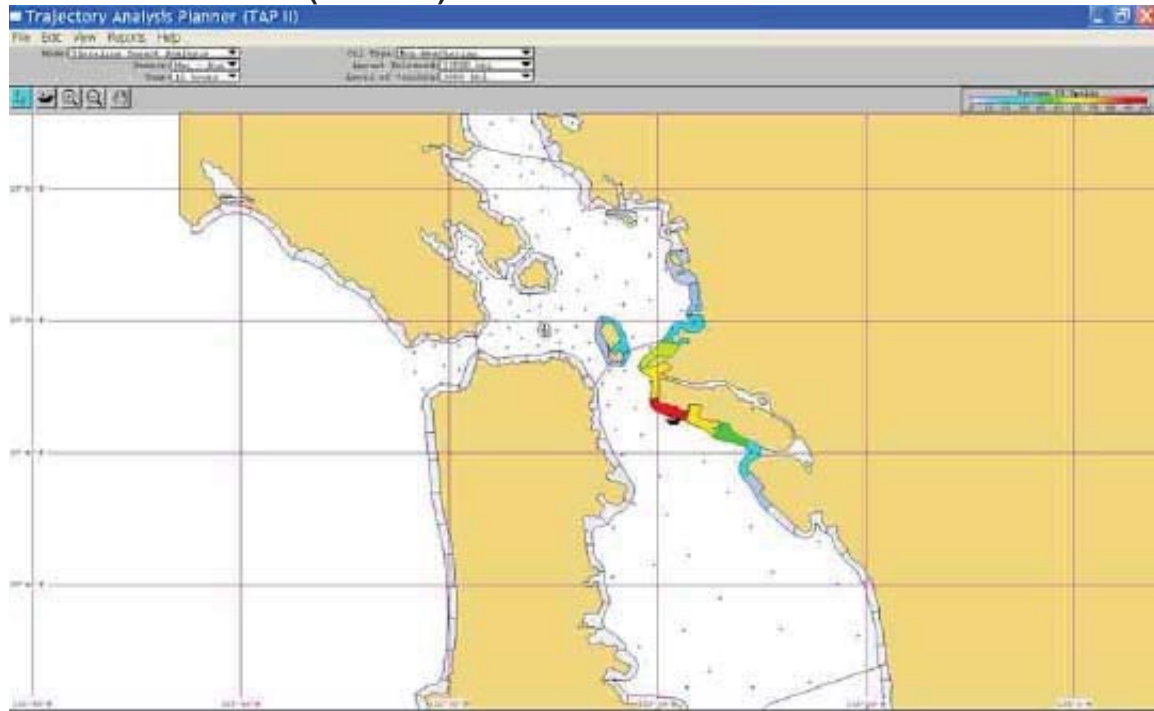


South Bay East Shore

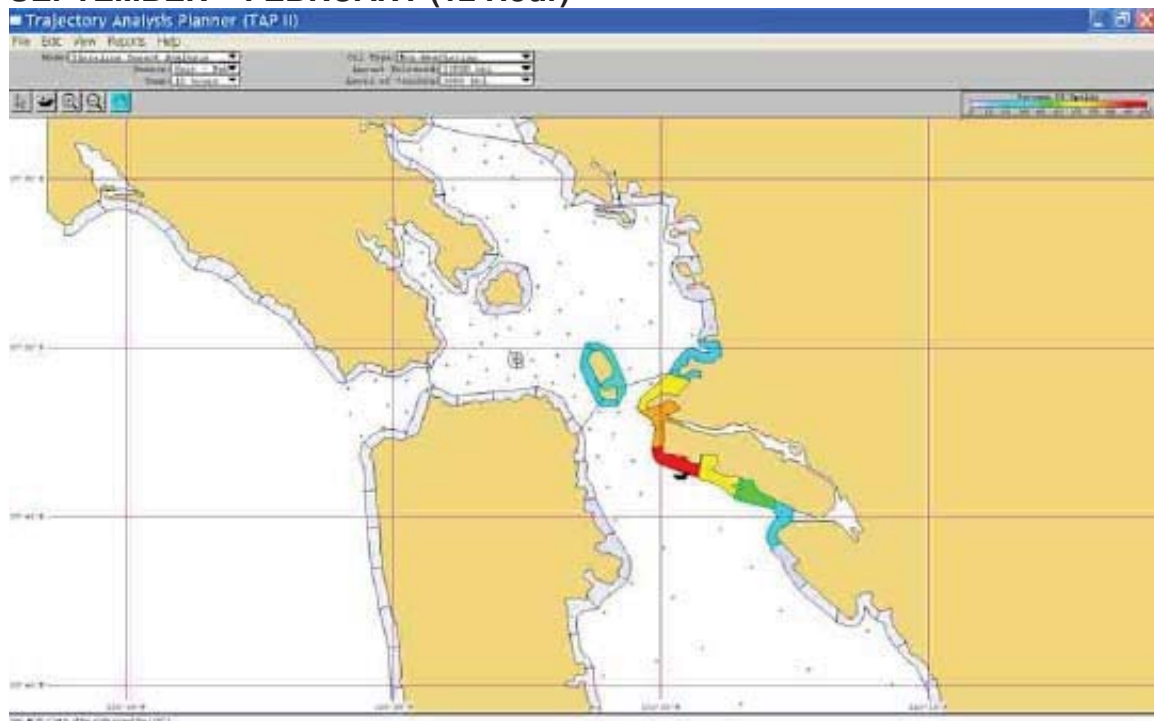


TRAJECTORY ANALYSIS PLANNER (TAP Model)
Location: 2-F01 (Alameda Point/Naval Station)

MARCH – AUGUST (12 Hour)



SEPTEMBER – FEBRUARY (12 Hour)



PPOR Pre-Incident Information SummaSouth Bay East Shore: Alameda Point

Latitude 37° 46. 122.3 Longitude 122° 1 122.308

County Alameda

2-F01

Type:

Location Description:

After more than 50 years of naval use, Alameda Point is moving forward to becoming the newest Alameda neighborhood. A reuse plan has been created and SunCal Companies has been selected as the master developer. Alameda Point is on its way to becoming a new recreational, commercial, and residential asset for our community. In 1993, Congress decided to close the Alameda Naval Air Station (NAS), and the base was decommissioned in 1997. A year prior to its closure, in January of 1996, the City of Alameda adopted the NAS Alameda Community Reuse Plan, a 'roadmap' for the conversion of the former Naval Air Station to civilian use.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

Alameda NAS-(S/F E/E) California least tern, present Apr-Aug, nest May-Aug, restoration area.

San Leandro Bay/Arrowhead Marsh-(S/F E/E) California clapper rail present year-round and nests Mar-Jul, (S-T) black rail nests Mar-May,(S/F E/E) salt marsh harvest mouse, (S/F T/T) salt marsh wandering shrew present year-round, (SSC) salt marsh common yellowthroat present year-round. Also, (S/F-E/E) California least tern forage.

Bay Farm Island (F/T) Western snowy plover present Feb-Sep, rare plant alkali milk-vetch present year-round.

Oyster Bay Marshes-(F/T) Western snowy plover present Feb-Sep; (S/F T/T) salt marsh wandering shrew present year-round.

San Lorenzo Creek/Bunker & North marshes - (S/F E/E) California clapper rail present year-round, (S-T) black rail forage/nest, (S/F E/E) salt marsh harvest mouse present year-round. (S/F E/E) California least tern forage.

Oro Loma, Frank's Dump West & Triangle marshes - (S/F E/E) California clapper rail, (S-T) black rail forage and nest, (S/F E/E) salt marsh harvest mouse present year-round. S/F E/E California least tern and (F/T) western snowy plover forage.

Critical Habitat for TAES:

Arrowhead Marsh supports a number of listed/sensitive species and currently has the highest density of breeding California clapper rails in San Francisco Bay. East Bay Regional Park District shoreline salt marshes support number of listed species.

PPOR Pre-Incident Information SummaSouth Bay East Shore: Alameda Point

Latitude 37° 46. 122.3 Longitude 122° 1 122.308

County Alameda

Cogswell, Hayward & HARD marshes – (S/F E/E) California clapper rail present year-round, forage/nest; (S/F E/E) salt marsh harvest mouse present year-round; (S/F E/E) California least tern present Apr–Aug, nests May–Aug; (F/T) western snowy plover forage/nest in salt-pond area.

Sensitive Non-protected (Non-TAES) Species:

SFACP2:307C/A,309A,310C/A,312A,315A,320A,324A; ESI/SFB–Maps 17,18,21,23

Alameda NAS eelgrass, harbor seal haulout area. Alameda eelgrass beds support herring spawning in winter, seabirds/shorebirds use area year-round, brown pelican May–Nov. San Leandro Bay/Arrowhead Marsh supports listed species, rare/sensitive plants, wading birds, shorebirds, waterfowl, brown pelicans forage. Bay Farm Island eelgrass beds support herring spawning in winter, seabirds/shorebirds use area year-round. Oyster Bay marshes and mudflat support migratory waterfowl and shorebirds. San Lorenzo Creek/Bunker & North marshes and Oro Loma, Frank's Dump West & Triangle marshes and Cogswell, Hayward, HARD marshes support heavy use by migratory waterfowl, shorebirds, wading (e.g., heron, egret nesting), and diving (Caspian terns) birds.

Subsistence–use Species:

Essential Fish Habitat:

Commercial Fisheries / Species:

Human Health / Safety Concerns and Economic Issues for this Place / Site

Human Health and Safety

Population for Oakland (420,183) and for Alameda (72,259)---population are provided in parenthesis.

Critical Habitat for Non-protected (Non-TAES) Species:

East Bay Regional Park District shoreline salt marshes have extensive cordgrass and mudflats which support listed and non-listed species.

Critical Habitat for Subsistence Species:

Historic and Cultural Resources:

Cultural/historic resources likely present in/around Arrowhead Marsh and Bay Farm Island. EBRPD shoreline Ohlone cultural sites in area. Hayward Landing is historic site.

Recreational Species and Habitat:

Elsie Roemer Bird Sanctuary located southeast end of Crown Beach.

Economic Impact on Maritime Commerce and Shipping:

Redundant piers and accommodations exist to counter problems that may arise as a result of a Places of Refuge incident. As long as shipping channels are clear of obstructions, most commercial shipping will continue.

PPOR Pre-Incident Information SummaSouth Bay East Shore: Alameda Point

Latitude 37° 46. 122.3 Longitude 122° 1 122.308

County Alameda

2-F01

Type:

Economic Impact on Commercial Fishing and Aquaculture:

San Francisco has a large-scale commercial fishing industry Recent Cosco Busan oil spill in Nov 2007 is evidence enough to show how 50000 gals of oil can significantly affect recreational and commercial fishing. Marine Tourism might be affected.

Economic Impact on Recreational Fishing and Marine Tourism:

City of Alameda is currently redeveloping the Old Naval Air Station into a civilian community (some of the land will become a National Wildlife Refuge and a golf course). Places of Refuge incident may slow this development down. Recent Cosco Busan oil spill in Nov 2007 is evidence enough to show how 50000 gals of oil can significantly affect recreational and commercial fishing. Marine Tourism might be affected.

Economic Impact on Non-maritime Commerce:

Collateral effects due to a disturbance in intermodal transportation systems may happen if the maritime transportation system is obstructed.

Other Economic Impacts:

Airborne release of a hazardous substance or a catastrophic incident will most likely impact population desire to stay away from affected areas or any large metropolitan areas due to a fear factor.

Stakeholder List for this Place / Site

Name / Title	Organization	Phone	more details
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Shoreline Unit Manag	East Bay Regional Park District	(510) 544-3172	
Park Supervisor	EBRPD-Martin Luther King Shoreline Park	(510) 544-3115	
Park Supervisor	EBRPD-Crown Memorial State Beach	(510) 544-3171	
Dispatch	East Bay Regional Park District	(510) 881-1833	
City of Alameda, Parks	City of Alameda Dept. of Parks and Recreation	(510) 748-4565	
John Henderson FWS Biologist	US Fish & Wildlife Service, Environmental Contami	(916) 414-6595	
Damian Higgins	U.S. Fish & Wildlife Service	(916) 414-6548	
John Krause	CA Dept. of Fish & Game, Region 3	(415) 454-8050	
Butch Paredes	Cargill Salt	(510) 790-8165	
Vika Sirova EnvProtectSpecialist	US National Park Service, Golden Gate (NRA)	(415) 561-4478	
Brian Ullensvang Env. Programs Chief	Golden Gate National Recreation Area - NPS	(415) 561-4439	
Jody Zaitlin Environmental Office	Port of Oakland	(510) 627-1179	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: City of Alameda

Marine Fire Fighting Resources SF PIER 24: 37-42.42, 122-23.24

Approximate Tug Response Time 1.5 HOURS

List of Nearby Environmentally Sensitive Sites SFACP2:307C/A,309A,310C/A,312A,315A,320A,324A; ESI/SFB-Maps 17,18,21,23 Is Containment Possible? ☐

Coast Pilot and Navigation Chart Information

Prevailing Winds	Tidal Range	Bottom Type	Max Water Depth	Min Water Depths	Currents	Sea Conditions	Fog	Shelter From Severe Storms	Navigational Approach	Pilot Requirements
W	6	MUD	30	0			SEASONAL	YES		☒

Sector SF

Section 8000-120

October 1, 2011

