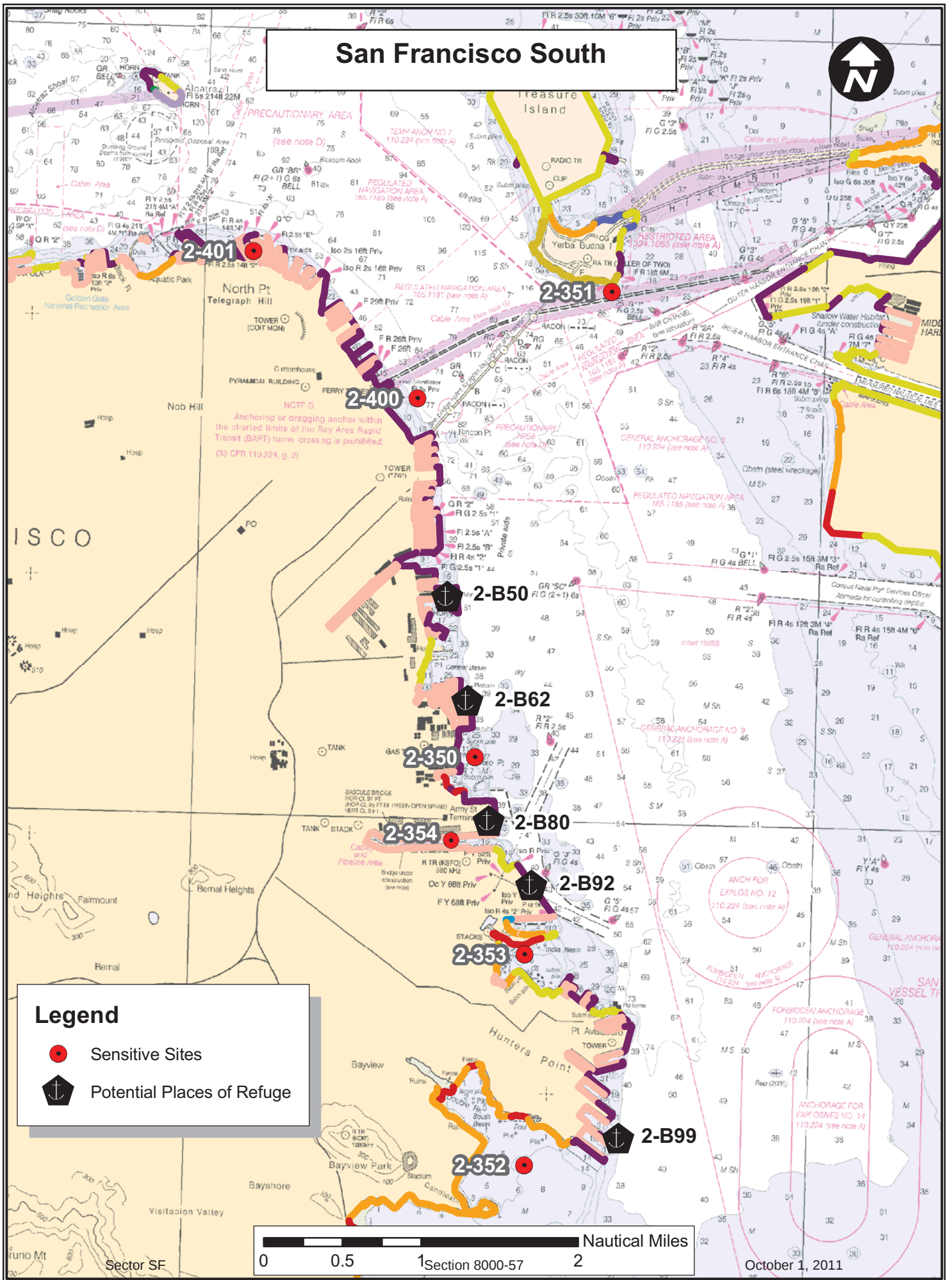
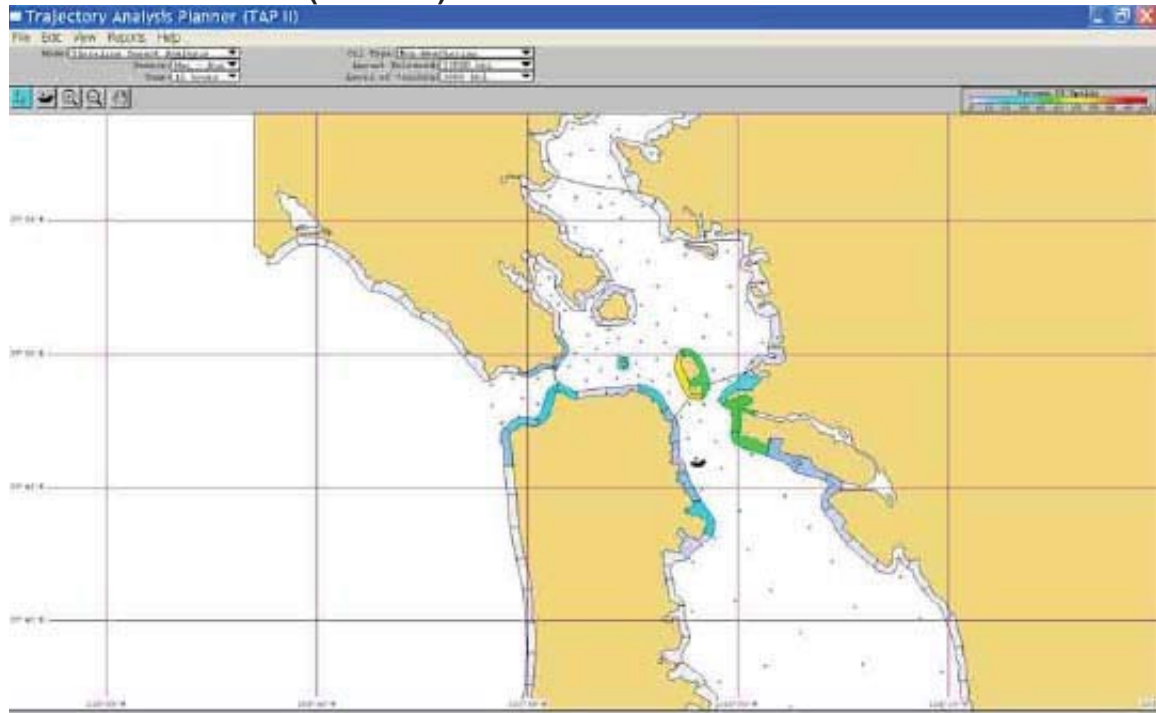


San Francisco South

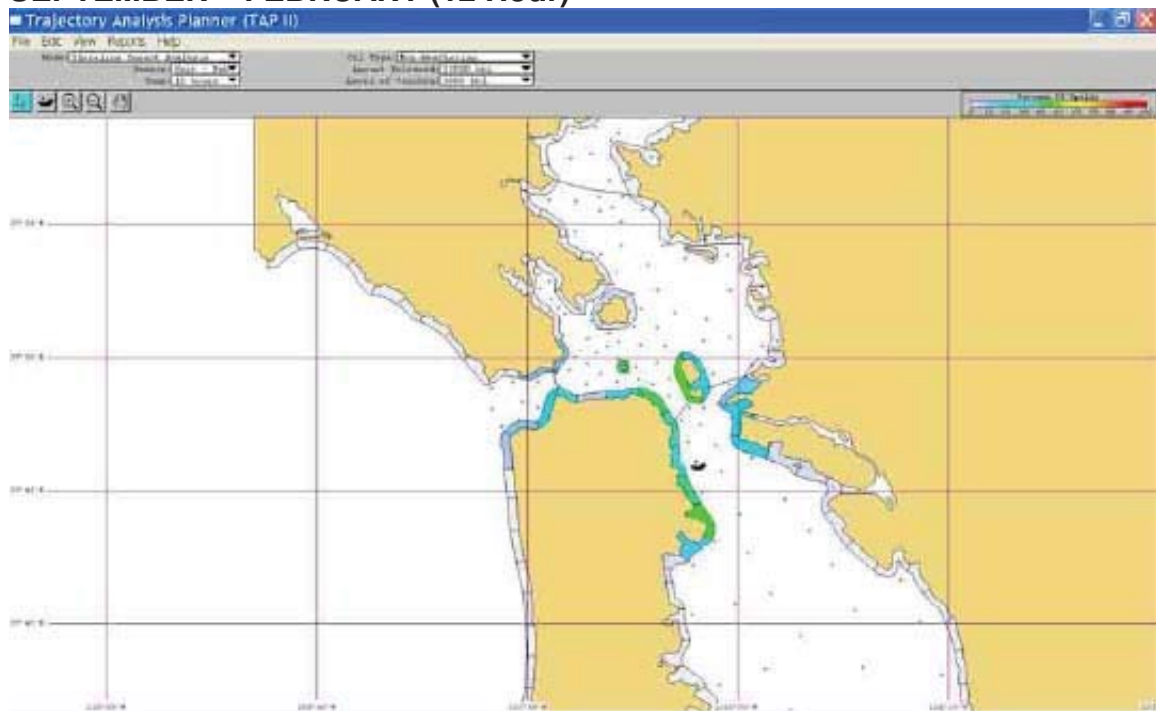


TRAJECTORY ANALYSIS PLANNER (TAP Model)
Location: 2-B62 (SF Dry Dock)

MARCH – AUGUST (12 Hour)



SEPTEMBER – FEBRUARY (12 Hour)



PPOR Pre-Incident Information Summary San Francisco South: SF Dry Dock

Latitude 37° 45. 122.4 Longitude 122° 2 122.38

County San Francisco

2-B62

Type:

Dockage

Location Description:

Pier 70, San Francisco at Potrero Point; One of the largest ship repair yards on west coast. Has 30 acres of prime bay front land. Past uses: Shipyard and industrial site since the Gold Rush. Built first steel ships on Pacific. Oldest working civilian shipyard in U.S. In addition, to being the location of one of the largest ship repair yards on the west coast, Pier 70 is used by numerous other businesses that lease buildings and outdoor areas from the Port of San Francisco. One of the largest of these operations is operated by Auto Return, which is the exclusive operator of towing and car return services for the city of San Francisco.

Natural Resource Concerns and Issues for this Place / Site

Threatened and Endangered Species (TAES):

YBL-(S/F E/E) peregrine falcon present year-round, nest March-August.

Heron's Head Park/India Basin and Islais Creek/Pier 94: (F/E) California seablite plant present year round at HHP. Both potential suitable habitat for (S/F-E/E) salt marsh harvest mouse.

Sensitive Non-protected (Non-TAES) Species:

SFACP2:350E/X,351A/B,352B,353A,354A,400C/X,401B; ESI/SFB-Maps 16,19,20

SF South Collection-herring spawn during winter, seabirds and fish present year-round. YBL-Small cobble pocket beaches south side of island are pinniped haulout and rookery March-June, bird roosting (double-crested cormorant) year-round and nesting. South Basin/Hunters Point important fringe marshes, tidal mudflats, eelgrass, with concentrations of waterfowl, shorebirds present year round and in higher numbers (1000s) during winter, brown pelicans May-Nov. Heron's Head Park/India Basin and Islais Creek/Pier 94 are wetland restoration sites with high ground vegetation, pickleweed marsh, saltmarsh ponds/lagoons, mudflats supporting variety of water birds, shorebirds and upland songbirds. SF Waterfront herring spawning in winter, birds roost and forage year-round. Pier 39 sea lion haulout year-round, highest numbers August-March.

Subsistence-use Species:

Essential Fish Habitat:

Commercial Fisheries / Species:

Commercial fishing from TI/YBL.

Critical Habitat for TAES:

Heron's Head Park/India Basin and Islais Creek/Pier 94 have high value as salt marsh habitat on industrialized SF Peninsula. Also suitable habitat for presence of (S/F-E/E) salt marsh harvest mouse.

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

Critical Habitat for Subsistence Species:

Historic and Cultural Resources:

Recreational Species and Habitat:

PPOR Pre-Incident Information SummarySan Francisco South: SF Dry Dock

Latitude 37° 45. 122.4 Longitude 122° 2 122.38
County San Francisco

2-B62
Type: Dockage

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

Human Health and Safety

6536 people per square mile are near this site.

Economic Impact on Commercial Fishing and Aquaculture:

This site has no impact on commercial fishing. This is a ship repair yard.

Economic Impact on Recreational Fishing and Marine Tourism:

This site is not used for rec fishing or marine tourism. It has some historical value as being the Oldest working civilian shipyard in U.S. In addition, to being the location of one of the largest ship repair yards on the west coast.

Economic Impact on Maritime Commerce and Shipping:

This site is a ship repair yard; it is designed to conduct repairs of large commercial and military ships.

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
E Carol Bach	Port of San Francisco	(415) 274-0568	
E/C Bill Doll Chief of Resources	San Francisco Maritime National Historical Park	(415) 859-6779	
O City of San Francisco	San Francisco, City and County of	(415) 556-8371	
E Sidonie Sansom DirHomeland Security	Port of San Francisco	(415) 274-0544	
O Linda Scourtis	SF Bay Conservation and Development Commissio	(415) 352-3644	
T Vika Sirova EnvProtectSpecialist	US National Park Service, Golden Gate (NRA)	(415) 561-4478	
T Brian Ullensvang Env. Programs Chief	Golden Gate National Recreation Area - NPS	(415) 561-4439	

Characteristics and Tactical Considerations

Primary Jurisdictional Contact: Port of San Francisco at 415-274-0400
Marine Fire Fighting Resources SF PIER 24: 37-42.42, 122-23.24

Approximate Tug Response Time 1 HOUR

List of Nearby Environmentally Sensitive Sites SFACP2: 2-350E/X,2-351A/B,2-352B,2-353A,2-400C/X,2-401B; ESI/SFB - Maps 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	36	0		SEASONAL	YES			☒

PPOR Pre-Incident Information Summary San Francisco South: SF Dry Dock

Latitude 37° 45. 122.4 **Longitude** 122° 2 122.38
County San Francisco

2-B62
Type: Dockage

Specific Site Details

Site ID	Site Name	Vessel Capacities			Site Capacities and Facilities		Containment Possibilities:
		Max Size	Mini Size	Max Draft	Swing Room or Dock Face	Facilities, capabilities, and any other issues or concern	
62	SF Dry Dock	Deep		36	1200	2 DRYDOCKS: 800 X 150 & 528 X 84; and 2 piers at 528 X 84 each pier: 1200 IS THE MAX LENGTH OF VESSEL ABLE TO BE AT THIS SITE. SF PIER 22 1/2 IS HOME OF FIRE BOAT GUARDIAN AND PHOENIX SF PIER 22 1/2 IS HOME OF FIRE BOAT GUARDIAN AND PHOENIX; OTHER FIREFIGHTING RESOURCES COME FROM FOSS/CHEVRON/OAKLAND AND RICHMOND.	All the piers within this place have poor containment on the ends exposed to the Bay currents, but have significant potential for containment on the north and south sides of the piers, particularly if other vessels are already positioned on the opposite site of the wharf. Secondary confinement of oil escaping containment is variable and but possible at the SF Dry Dock. Side tied vessels at Pier 50 enhance the likelihood of secondary confinement.
Site Contact/Leasee/Owner:					BAE Systems SF Ship Repair at 415-861-7447		