

Marina Bay Yacht Harbor

Upcoming Projects:

- **Entrance Channel Dredging**
- **Phase II Port Security Video Camera Project**
 - **Wave Attenuator**
- **America's Cup 34 Super Yacht Mooring**

Entrance Channel Dredging



- The Entrance Channel is the only water access to the 850 slips of Marina Bay Yacht Harbor.
- Last dredged in 2001, the Entrance Channel has been shoaling at an average rate of 0.3' per year.
- The depth of the Channel has been reduced to as low as 7' in some areas, particularly along the southern portion.
- Due to the shoaling, the width of the Channel has also been reduced by about 1/3.

- Reduced draft prevents deeper draft boats from using Marina Bay Yacht Harbor.
- Restricting the type of boats that can access the Marina has resulted in lost revenue for both the Marina and, ultimately, the City as Lessor.
- At extreme low tides, the current channel depth causes even average size boats to run aground.
- Dredging will restore the Channel to its designed depth of -12 feet MLLW and width of 175’.

Dredging Area

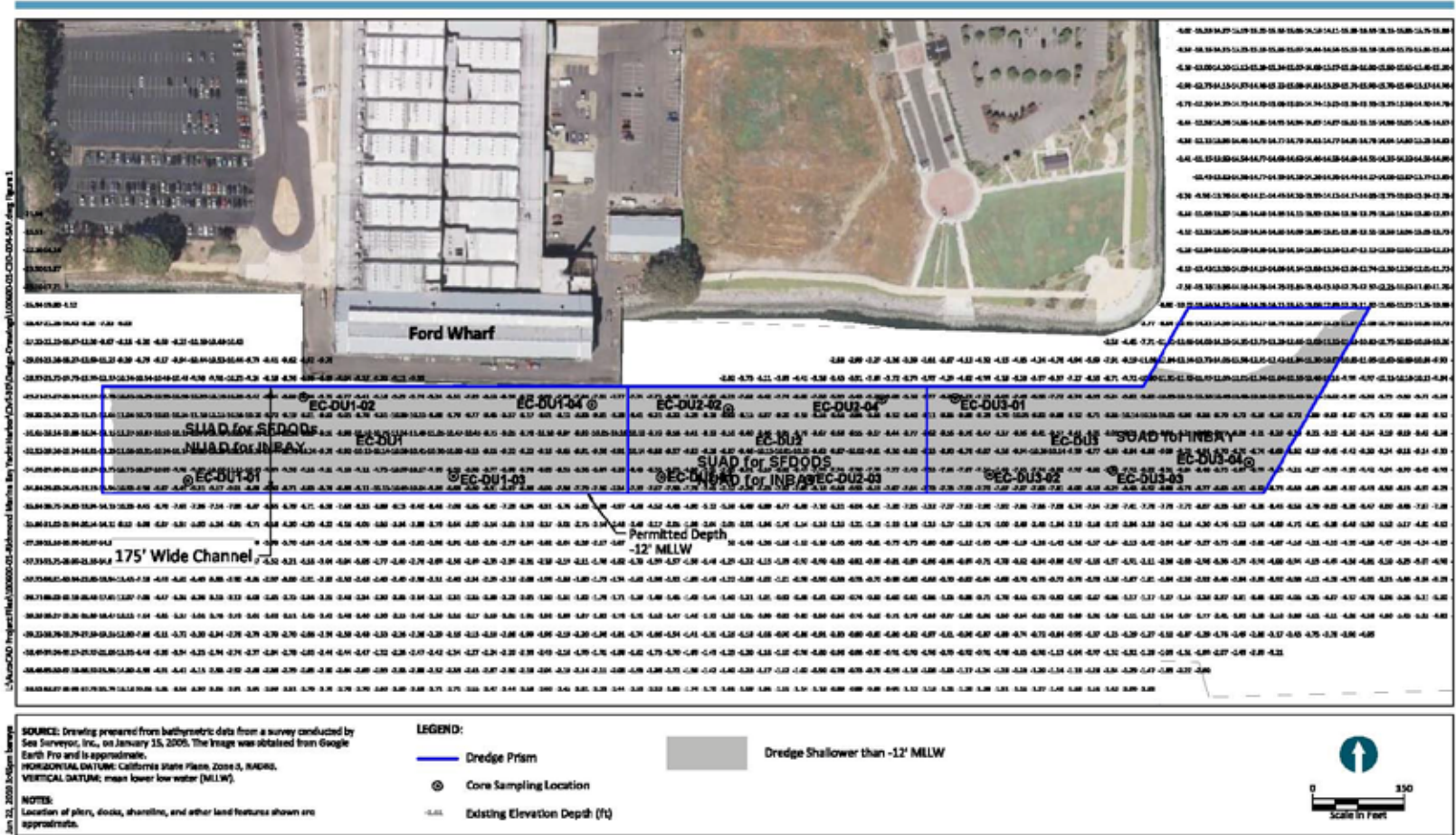


Figure 1
Dredging Area and Actual Sampling Locations
Marina Bay Yacht Harbor Maintenance Dredging

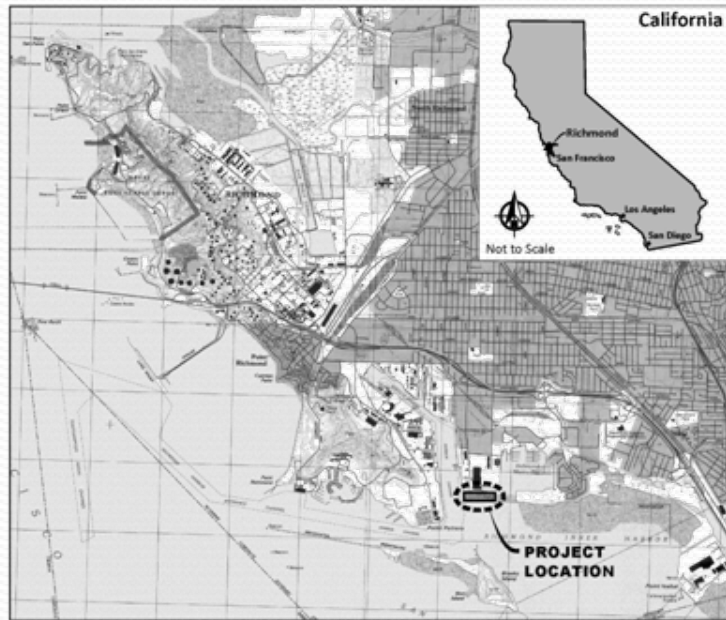
- **Work is scheduled to start by the end of June/beginning of July.**
- **Dredging should take approximately 30-45 days.**
- **Most impact will be in the Entrance Channel:**
 - **Dredge, barges & tugs will be active in the area.**
 - **Some equipment may temporarily be moored in the Marina basin.**
 - **There will be some additional small boat traffic associated with the work (skiffs, survey vessels, etc.).**

CONTRACT PLANS

MARINA BAY YACHT HARBOR

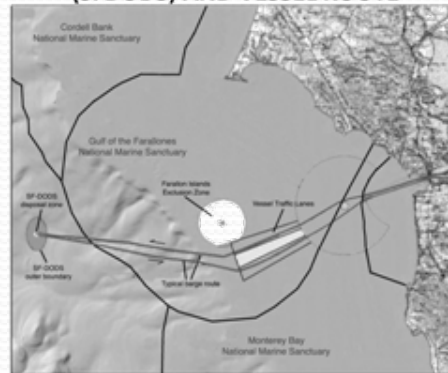
ENTRANCE CHANNEL MAINTENANCE DREDGING, SAN FRANCISCO, CALIFORNIA

VICINITY MAP



MAP SOURCE: USGS 7.5' QUADRANGLES FOR MARE ISLAND, NOVATO, OAKLAND WEST, PETALUMA POINT, POINT BONITA, RICHMOND, SAN FRANCISCO NORTH, SAN QUENTIN AND SAN RAFAEL.

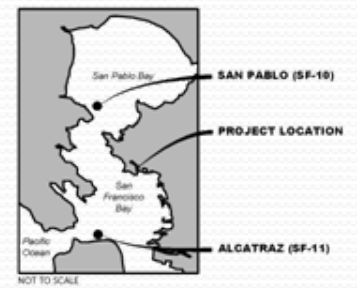
SAN FRANCISCO DEEP OCEAN DISPOSAL SITE (SFDODS) AND VESSEL ROUTE



MAP SOURCE: U.S. ENVIRONMENTAL PROTECTION AGENCY.

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SCALE IN MILES

LOCATIONS OF IN-BAY DISPOSAL SITES



NOTE:
FOR EXACT LOCATION OF DISPOSAL SITES REFER TO REGULATORY PERMITS

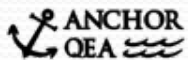
DRAWING INDEX		
SHEET NO.	DWG. NO.	TITLE
1	G-1	COVER SHEET
2	C-1	DREDGE PLAN
3	C-2	CROSS SECTIONS

OWNER: CITY OF RICHMOND, CALIFORNIA

ENGINEER: ANCHOR OEA, L.P.
2600 LA ALAMEDA
SUITE 240
MISSION VIEJO, CA 94931



SCALE AS SHOWN
NOT TO SCALE UNLESS OTHERWISE NOTED



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REVISIONS				
NO.	DATE	BY	APPROV.	DESCRIPTION

DESIGNED BY: J. J. [Name]
DRAWN BY: J. J. [Name]
CHECKED BY: M. [Name]
APPROVED BY: M. [Name]
SCALE: AS SHOWN
DATE: FEBRUARY 2011

MARINA BAY YACHT HARBOR
ENTRANCE CHANNEL MAINTENANCE DREDGING

COVER SHEET

G-1

SHEET NO. 1 OF 3

Entrance Channel Dredging

Questions or noise complaints during dredging, contact:

Marina Bay Yacht Harbor
Info@MBYachtHarbor.com
510-236-1013





**Questions or comments about
these projects, contact:**

**Marina Bay Yacht Harbor
Info@MBYachtHarbor.com
510-236-1013**