

NAD 83 COORDINATES		
CHANNEL PTS.	EAST	NORTH
01	6032128.04	2140003.55
02	6036329.16	2141745.44
03	6036709.40	2142626.22
04	6036578.75	2143114.52
05	6037746.53	2143394.98
06	6037769.84	2143297.74
07	6036701.76	2143041.70
08	6036814.94	2142618.66
09	6036404.72	2141668.51
10	6032166.34	2139911.17

NAD 83 COORDINATES		
CENTERLINE	EAST	NORTH
C1	6032147.19	2139957.36
C2	6036367.03	2141707.01
C3	6036762.19	2142622.36
C4	6036644.72	2143075.27
C5	6037758.19	2143346.36

Berkeley Yacht Harbor

NOTES:

DRAWING NOT TO BE USED AS NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD BUOY LOCATION REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS.

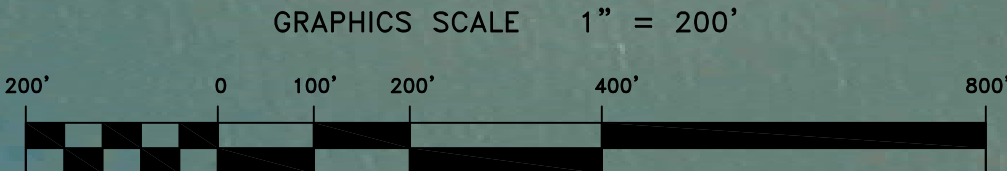
SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY, NAVD 88.

PLANE GRID, BEARING AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 253, PUBLISHED BY NATIONAL OCEAN SURVEY.

HORIZONTAL CONTROL: DESIGNATION, SOURCE, XYZ  
COAST GUARD D-BEACON

VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY  
YACHT 1947, USCG&S DISK 10,987 OR 10,999 MLLW... NAVD 88  
PUBLICATION DATE: 09 MARCH 2004



PRELIMINARY ISSUE  
THIS PLAN ISSUED FOR  
ADVANCE INFORMATION ONLY

US Army Corps of Engineers  
San Francisco District  
1455 Market Street  
San Francisco, CA 94103

Mark	Description	Date	Appr.

SUBMITTED:		DESIGNED BY:		CHECKED BY:		DRAWN BY:	
Hydro Survey Team Leader	PDT	Hydro Survey Team Leader	PDT	Hydro Survey Team Leader	PDT	Hydro Survey Team Leader	PDT
APPROVAL RECOMMENDED:		DATE:	1/29/2013	SHEET NO.	1 OF 1	DRAWING NO.	7 2
Chief, Geomatics Section		PREPARED UNDER THE DIRECTION OF					XXX
APPROVED:							
Chief, Construction Branch							

ALAMEDA COUNTY CALIFORNIA

**BERKELEY MARINA  
CONDITION SURVEY  
7 JANUARY 2013**

Sheet reference number  
**G1**