

PRELIMINARY ISSUE  
THIS PLAN ISSUED FOR  
ADVANCE INFORMATION ONLY

NAD 1983 CHANNEL ANGLE POINTS		
∠ PT	X	Y
1	6058419.54	2067068.74
2	6071361.14	2079289.84
3	6071883.64	2079783.24
4	6071883.64	2080769.44
5	6072216.54	2080779.64
6	6072883.24	2080871.74
7	6072900.24	2080757.94
8	6072236.44	2080653.24
9	6072023.64	2080619.64
10	6072023.64	2079926.04
11	6072838.44	2080189.34
12	6072884.54	2080046.54
13	6072966.44	2079967.44
14	6073546.44	2080087.44
15	6073326.44	2079917.44
16	6073296.44	2079807.44
17	6072866.44	2079837.44
18	6072708.84	2079889.84
19	6072229.64	2079834.94
20	6072031.97	2079648.22
21	6072032.24	2079639.14
22	6071539.34	2079174.04
23	6071434.84	2079109.84
24	6063027.14	2071176.04
25	6062920.74	2071041.24
26	6058556.84	2066923.34

NAD 1983 CENTERLINE ANGLE POINTS		
∠ PT	X	Y
C1	6058488.24	2066996.04
C2	6071429.04	2079214.84
C3	6071957.94	2079711.24
C4	6071953.64	2080694.54
C5	6072226.44	2080716.44
C6	6072891.74	2080814.84
C-1	6072025.98	2079847.96
C-2	6072735.54	2080077.24
C-3	6072922.04	2079894.84
C-4	6073263.34	2079936.84
C-5	6073516.44	2080132.44

Mark	Description	Date	Appr.

SUBMITTED: Hydro Survey Team Leader APPROVAL RECOMMENDED: Chief, Geomatics Section APPROVED: Chief, Construction Branch	DESIGNED BY:	DRAWN BY:
	PDT	PDT
	DATE:	DATE:
SHEET NO. 1 OF 7 DRAWING NO. 122 PREPARED UNDER THE DIRECTION OF TORREY A. DICIRO LT. COLONEL, C.E., DISTRICT ENGINEER	CHECKED BY:	PDT
	PDT	

**NOTES:**

DRAWINGS 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 LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS.

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

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

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

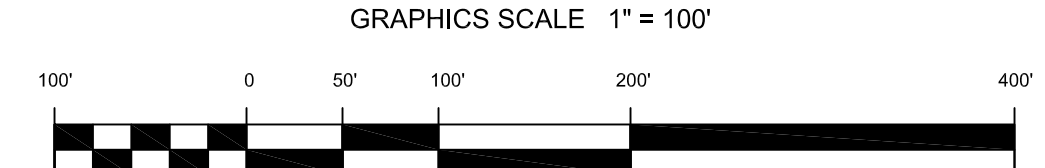
POCKETING WILL NOT BE PERMITTED OUTSIDE CHANNEL LIMITS TO ACCOMMODATE BARGES AT LOW TIDE.

LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD.

PROJECT DEPTHS ARE AS FOLLOWS:  
MAIN CHANNEL (0+00 TO 178+00) - 6 FT  
(178+00 TO 185+23) - 7 FT  
MARINA CHANNEL - 7 FT

VERTICAL CONTROL  
BENCHMARK "TIDAL 4 1974" ELEV. 17.60 FT. MLLW  
BENCHMARK CITY ELEV. 10.60 FT. MLLW  
TIDE GAUGE LOCATION:  
SAN LEANDRO MARINA

HORIZONTAL GPS CONTROL  
COAST GUARD D-BEACON



CALIFORNIA

ALAMEDA COUNTY

**JACK D. MALTESTER CHANNEL**  
SAN LEANDRO MARINA  
CONDITION SURVEY  
30 APRIL & 01-02 MAY 2012

Sheet reference number  
**C1**

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

MATCH LINE - SHEET 2