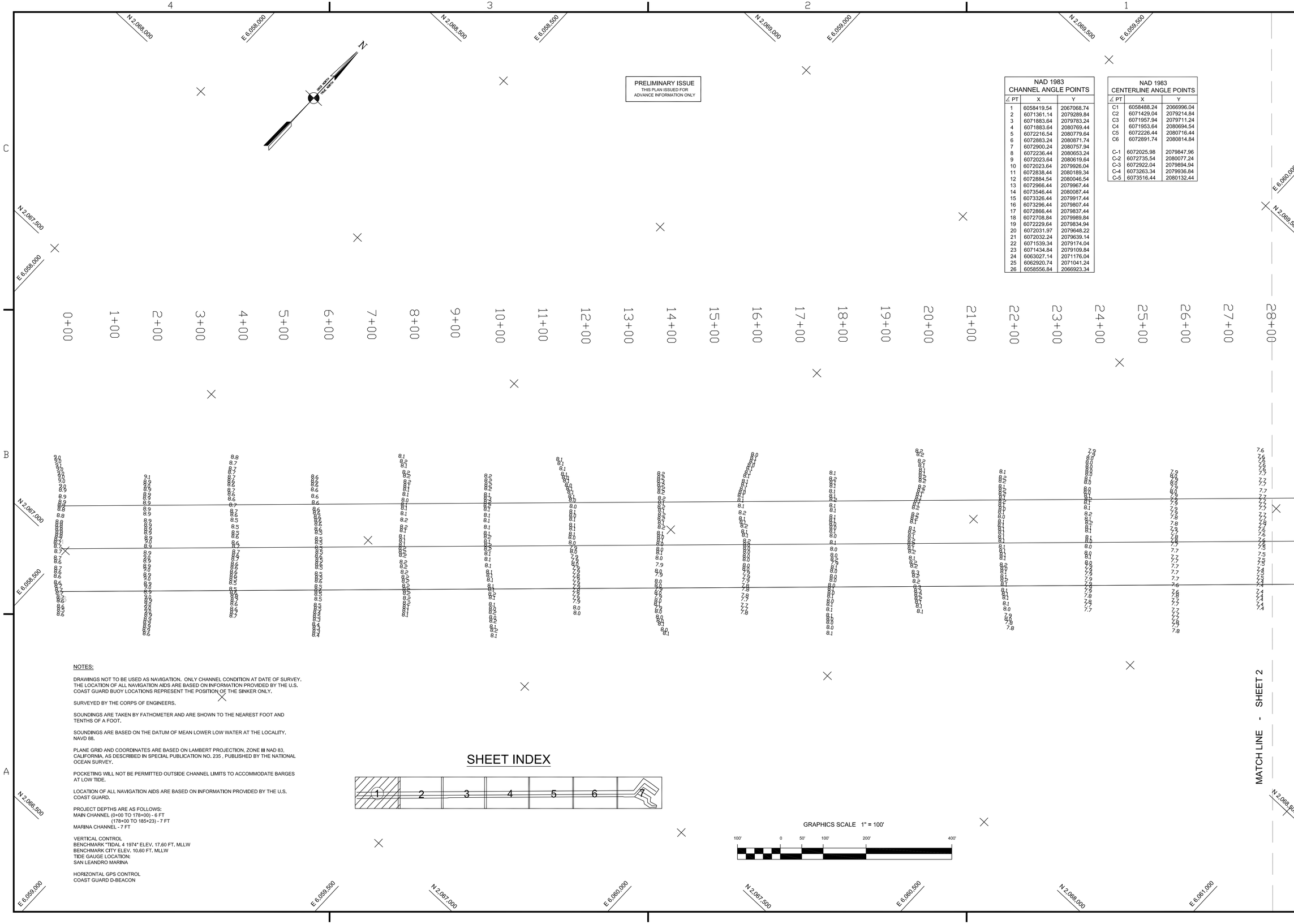

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

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	2079989.84
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	2079894.94
C-4	6073263.34	2079936.84
C-5	6073516.44	2080132.44

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

SHEET INDEX

GRAPHICS SCALE 1" = 100'

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

Mark	Description	Date	Appr.

DESIGNED BY: PDT	CHECKED BY: PDT	DRAWN BY: PDT	
DATE: 3/21/2011	SHEET NO. 1 OF 7	DRAWING NO. 122	2 XXX

PREPARED UNDER THE DIRECTION OF
TORREY A. DICIRO
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED: PDT
Hydro Survey Team Leader
APPROVAL RECOMMENDED:
Chief, Technical Support Section
APPROVED:
Chief, Construction Branch

CALIFORNIA
ALAMEDA COUNTY
JACK D. MALTESTER CHANNEL
SAN LEANDRO MARINA
CONDITION SURVEY
15-16 MARCH 2011

Sheet reference number
C1