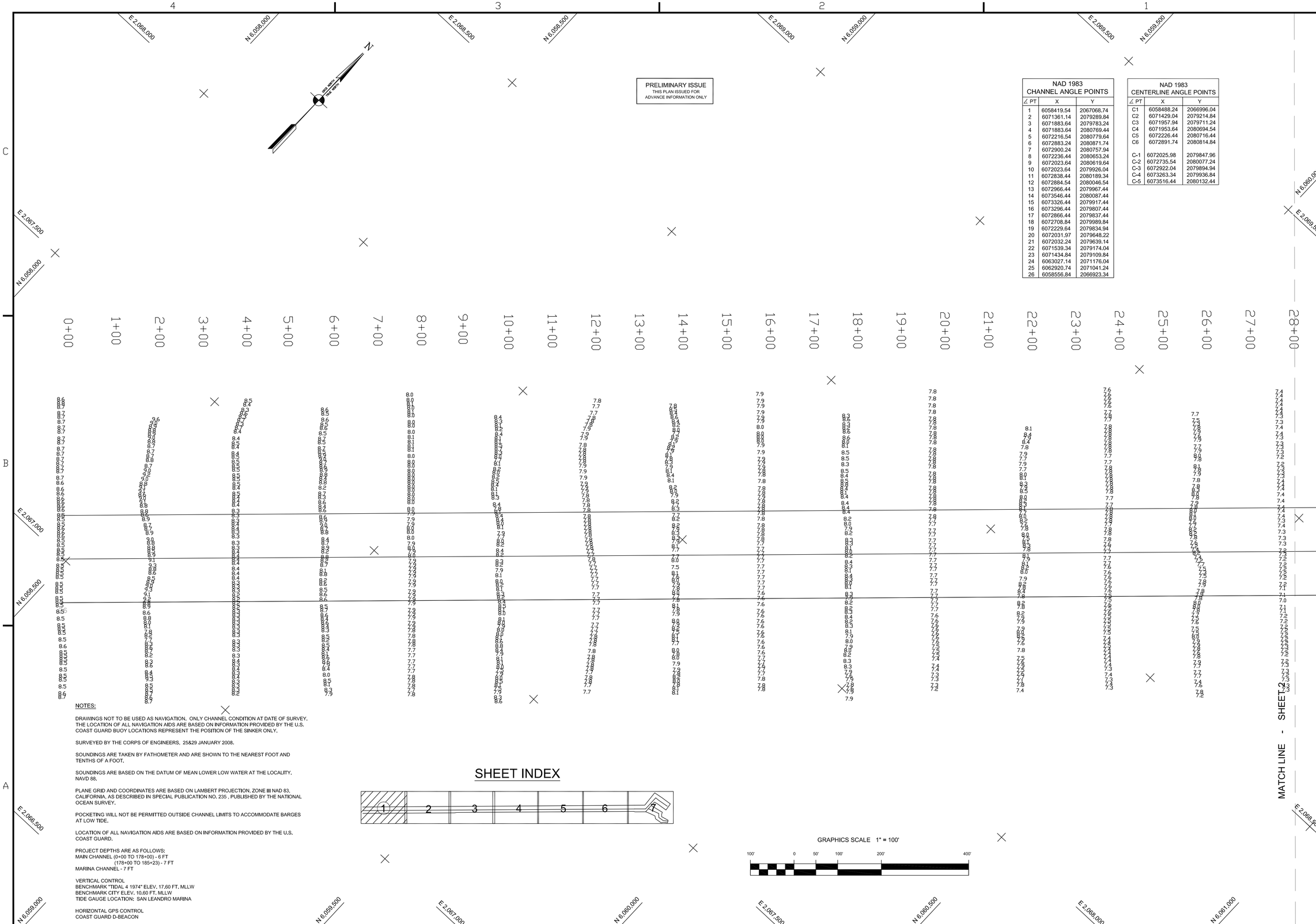


PRELIMINARY ISSUE
THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY

| 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, 25&29 JANUARY 2008.

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





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


| Mark | Description | Date | Appr. |
|---|---|---|---|
| | | | |

| DESIGNED BY: | CHECKED BY: | DRAWN BY: |
|---|---|---|
| MC | TVW | EWC |
| DATE: | SHEET NO. | DRAWING NO. |
| 1/31/2008 | 1 OF 7 | 122 2 36 |

PREPARED UNDER THE DIRECTION OF
CRAIG W. KILEY
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED:
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
## 17–18, 22 & 29 JANUARY 2008

Sheet reference number
C1