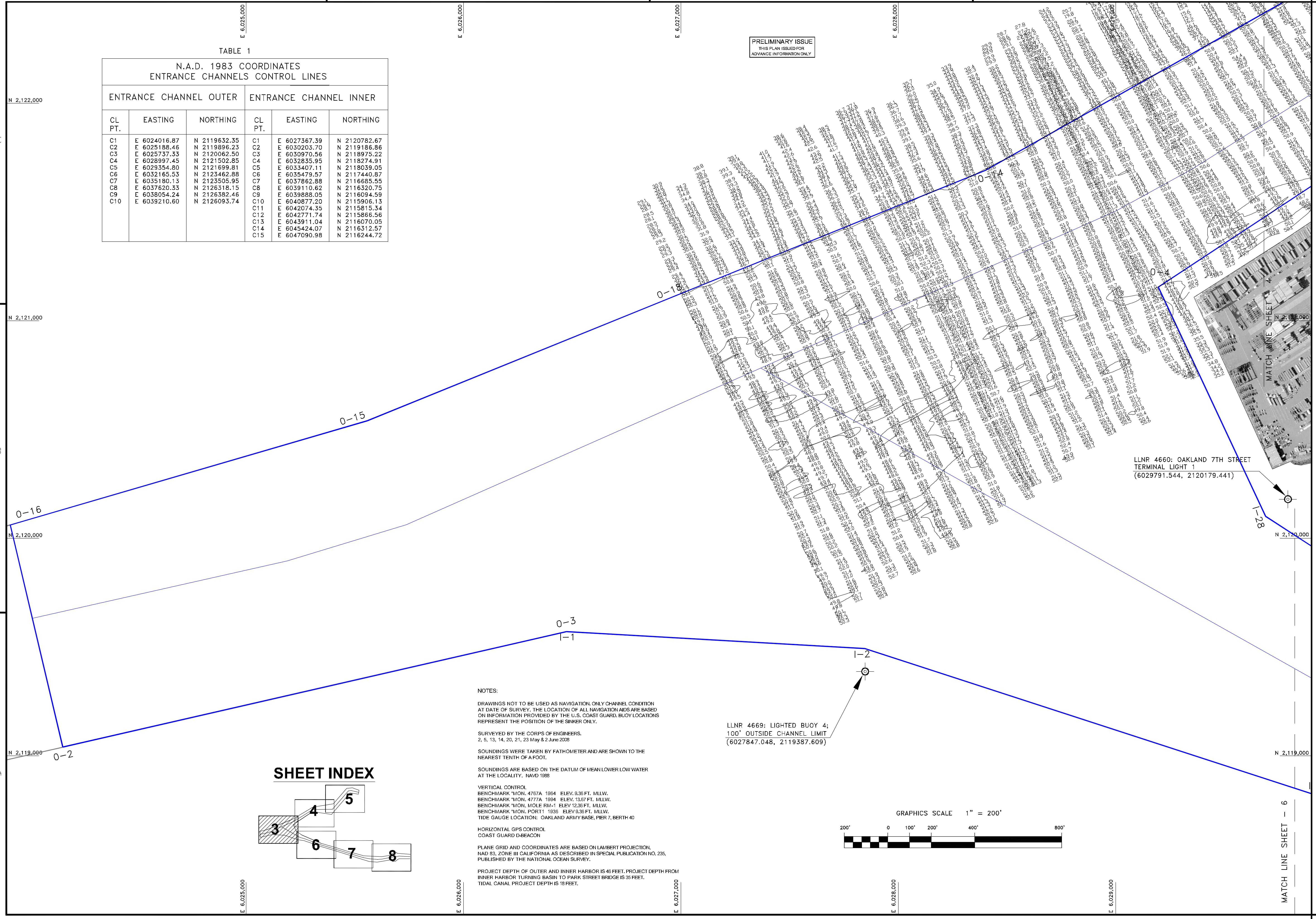


TABLE 1
N.A.D. 1983 COORDINATES
ENTRANCE CHANNELS CONTROL LINES

| ENTRANCE CHANNEL OUTER | | | ENTRANCE CHANNEL INNER | | |
|------------------------|--------------|--------------|------------------------|--------------|--------------|
| CL PT. | EASTING | NORTHING | CL PT. | EASTING | NORTHING |
| C1 | E 6024016.87 | N 2119632.35 | C1 | E 6027367.39 | N 2120782.67 |
| C2 | E 6025188.46 | N 2119896.23 | C2 | E 6030203.70 | N 2119186.86 |
| C3 | E 6025737.33 | N 2120062.50 | C3 | E 6030970.56 | N 2118975.22 |
| C4 | E 6028997.45 | N 2121502.85 | C4 | E 6032835.95 | N 2118274.91 |
| C5 | E 6029354.80 | N 2121699.81 | C5 | E 6033407.11 | N 2118039.05 |
| C6 | E 6032165.53 | N 2123462.88 | C6 | E 6035479.57 | N 2117440.87 |
| C7 | E 6035180.13 | N 2123505.95 | C7 | E 6037862.88 | N 2116685.55 |
| C8 | E 6037620.33 | N 2126318.15 | C8 | E 6039110.62 | N 2116320.75 |
| C9 | E 6038054.24 | N 2126382.46 | C9 | E 6039888.05 | N 2116094.59 |
| C10 | E 6039210.60 | N 2126093.74 | C10 | E 6040877.20 | N 2115906.13 |
| | | | C11 | E 6042074.35 | N 2115815.34 |
| | | | C12 | E 6042771.74 | N 2115866.56 |
| | | | C13 | E 6043911.04 | N 2116070.05 |
| | | | C14 | E 6045424.07 | N 2116312.57 |
| | | | C15 | E 6047090.98 | N 2116244.72 |

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



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.
2, 5, 13, 14, 20, 21, 23 May & 2 June 2008

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 1988

VERTICAL CONTROL
BENCHMARK "MON. 4767A 1964 ELEV. 9.36 FT. MLLW.
BENCHMARK "MON. 4777A 1994 ELEV. 13.67 FT. MLLW.
BENCHMARK "MON. MOLE RM-1 ELEV. 12.36 FT. MLLW.
BENCHMARK "MON. PORT 1 1936 ELEV. 9.36 FT. MLLW.
TIDE GAUGE LOCATION: OAKLAND ARMY BASE, PIER 7, BERTH 4D

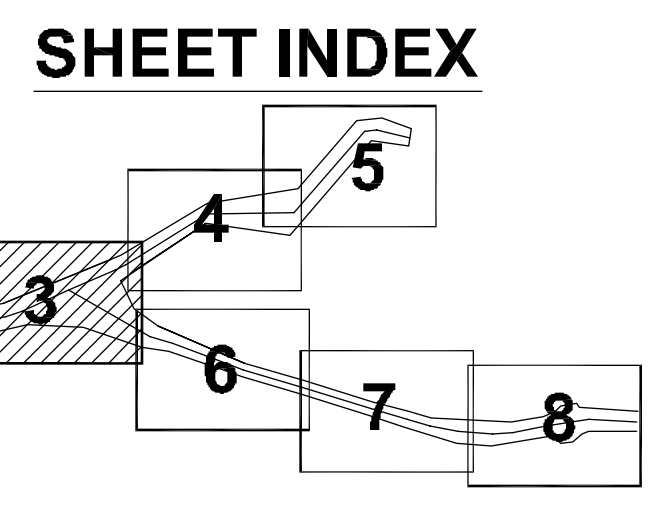
HORIZONTAL GPS CONTROL
COAST GUARD D-BEACON

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

PROJECT DEPTH OF OUTER AND INNER HARBOR IS 46 FEET. PROJECT DEPTH FROM INNER HARBOR TURNING BASIN TO PARK STREET BRIDGE IS 35 FEET. TIDAL CANAL PROJECT DEPTH IS 18 FEET.

LLNR 4669: LIGHTED BUOY 4;
100' OUTSIDE CHANNEL LIMIT
(6027847.048, 2119387.609)

LLNR 4660: OAKLAND 7TH STREET
TERMINAL LIGHT 1
(6029791.544, 2120179.441)



US Army Corps
of Engineers
San Francisco District
333 Market Street
San Francisco, CA 94105

| Mark | Description | Date | Appr. |
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|----------------------------------|--------------------------------------|--------------------------|--------------------------|
| SUBMITTED: TW | DESIGNED BY: TW | CHECKED BY: TVW | DRAWN BY: EWC |
| Hydro Survey Team Leader | Hydro Survey Team Leader | Hydro Survey Team Leader | Hydro Survey Team Leader |
| APPROVAL RECOMMENDED: | DATE: 6/17/2008 | SHEET NO. 3 OF 8 | DRAWING NO. 2 XXX |
| Chief, Technical Support Section | PREPARED UNDER THE DIRECTION OF | CRAIG W. KILEY | |
| APPROVED: | LT. COLONEL, C.E., DISTRICT ENGINEER | | |
| Chief, Construction Branch | | | |

CALIFORNIA
ALAMEDA COUNTY
OAKLAND HARBOR
OAKLAND INNER/OUTER HARBOR
POSTIDREDGE SURVEY
2,5,13,14,20,23 MAY 2008

Sheet
reference
number
C3