CHANNEL ANGLE POINTS		
POINT	EASTING	NORTHING
1	5982297.49	2173089.82
2	5982451.49	2172977.82
3	5982571.50	2172854.82
4	5982787.50	2172599.82
5	5983004.51	2172386.82
6	5983023.51	2172368.82
7	5983522.53	2172208.81
8	5983795.54	2172008.81
9	5983823.54	2172010.81
10	5985780.56	2170582.99
11	5993996.83	2166423.52
12	5982264.49	2173040.82
13	5982451.99	2172902.82
14	5982538.99	2172815.32
15	5982518.49	2172736.52
16	5982658.50	2172587.42
17	5982662.50	2172544.82
18	5982618.80	2172498.92
19	5982435.39	2172455.82
20	5982432.79	2172447.22
21	5982471.29	2172406.12
22	5982709.20	2172461.62
23	5982760.70	2172454.72
24	5982805.70	2172428.92
25	5982909.51	2172302.82
26	5983060.51	2172092.82
27	5983061.51	2172028.82
28	5983033.51	2171961.82
29	5982990.51	2171930.82
30	5982996.51	2171807.82
31	5983674.53	2171839.81
32	5983687.53	2171822.81
33	5985658.76	2170384.50
34	5993892.13	2166216.52

DREDGE CONTROL POINTS		
POINT	EASTING	NORTHING
6	5983023.51	2172368.82
8	5983795.54	2172008.81
9	5983823.54	2172010.81
26	5983060.51	2172092.82
47	5982924.80	2172281.55
48	5983173.92	2172320.59
49	5983211.64	2171817.97
50	5983359.11	2172114.16
31	5983674.53	2171839.81
32	5983687.53	2171822.81
51	5984672.58	2171104.07
52	5984809.34	2171291.51

PRELIMINARY ISSUE
DATE: 13 NOVEMBER 2002
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

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. NGVD 1929.

PLANE GRID 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. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

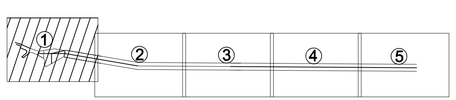
THE PROJECT DEPTH:
TURNING BASIN - 15 FT. AT M.L.L.W.
MAIN CHANNEL - 13 FT. AT M.L.L.W.

SOUNDINGS ARE BASED ON THE TIDE GAUGE LOCATED AT SAN QUENTIN PRISON PARKING LOT & BERTH 1 AT LARKSPUR LANDING FERRY TERMINAL.

VERTICAL CONTROL
BENCHMARK "4874C" 1977 USC&GS DISK ELEV. 11.55 FT MLLW.
BENCHMARK "06" 1936 USC&GS DISK ELEV. 34.92 FT MLLW.

HORIZONTAL CONTROL
COAST GUARD D-BEACON

SHEET INDEX



GRAPHICS SCALE 1" = 100'

100' 0 50' 100' 200' 400'

MATCHLINE - SHEET 2

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

Mark	Description	Date	Appr.

DESIGNED BY:		CHECKED BY: PC	DRAWN BY: EWC
DATE: 9/10/2003	SHEET NO. 1 OF 5	DRAWING NO. 7	2 49

PREPARED UNDER THE DIRECTION OF
MICHAEL McCORMICK
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED: TVW
Hydr. Survey Section
APPROVAL RECOMMENDED:
Chief, Engineering Branch
APPROVED:
Chief, Engineering & Technical Services Div.

CALIFORNIA
MARIN COUNTY
LARKSPUR FERRY TERMINAL
CONDITION SURVEY
10 SEPTEMBER 2003

Sheet reference number
C1