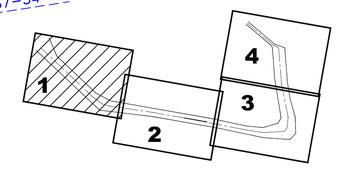
PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

SAN FRANCISCO BAY

MATCHLINE - SHEET 2

SHEET INDEX



GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

NOTES:

DRAWING 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 LOCATION 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.

PLANE GRID, BEARING 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. 253, PUBLISHED BY NATIONAL OCEAN SURVEY.

BASE MAPS WERE COMPILED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY FLOWN 10 AUGUST 1996.

THE PROJECT DEPTHS ARE AS FOLLOWS:
INNER HARBOR CHANNEL - 38 FEET.

(INNER HARBOR CHANNEL) BENCHMARK A-558 ELEV 15.81 FT. MLLW, BENCHMARK #2 (1932) USC&GS DISK OLD FORD PLANT 16.0825 FT MLLW B.M. LS 2769 CITY OF RICHMOND DISK PAVEMENT 13.971 FT. MLLW

TIDE GAGE LOCATION: MON B-1.

HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON.
VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY

LEGEND:
-38'
-37'
-36'
-35'
-34'

FLOOD
EBB

N.A.D 1983 FEET COORDINATES		
CHANNEL ∠	EAST	NORTH
01	6010314.45	2162197.63
02	6009479.89	2161610.01
03	6010702.46	2161282.52
04	6013280.69	2158029.15
05	6013071.04	2159051.01
06	6016426.10	2157649.80
07	6013946.57	2158590.79
08	6020299.00	2156972.67
09	6019811.96	2157565.40
10	6023187.69	2156366.16
11	6022179.34	2157068.34
12	6024797.51	2156256.20
13	6023175.20	2156977.43
14	6025133.87	2156630.06
15	6024071.67	2157243.59
16	6025096.39	2157620.81
17	6024244.59	2157571.89
18	6024794.29	2158699.14
19	6023863.10	2159896.43
20	6024629.96	2159700.46

N.A.D 1983 FEET COORDINATES		
CENTERLINE ∠	EAST	NORTH
C1	6009733.59	2161788.64
C2	6012865.31	2158833.18
C3	6013468.42	2161282.52
C4	6013908.41	2158274.95
C5	6023181.48	2156672.46
C6	6024602.82	2156937.52
C7	6024670.54	2157597.05
C8	6024272.27	2159642.46
C9	6024094.38	2161810.72
C10	6023765.30	2161971.09
C11	6022194.65	2163295.65

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

Mark	Description	Date	Appr.

SUBMITTED:	DESIGNED BY:	CHECKED BY:	DRAWN BY:
PDT	PDT	PDT	PDT
Hydro. Survey Team Leader	DATE:	SHEET NO.	DRAWING NO.
APPROVAL RECOMMENDED:	3/28/2012	1 OF 4	9 2 XXX
Chief, Geomatics Section	PREPARED UNDER THE DIRECTION OF		
APPROVED:	TORREY A. DICIRO		
Chief, Construction Branch	LT. COLONEL, C.E., DISTRICT ENGINEER		

CALIFORNIA
ALAMEDA COUNTY

RICHMOND INNER HARBOR
CONDITION SURVEY
23, 26-27 MARCH 2012

Sheet reference number
C1