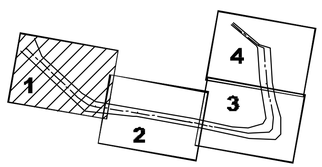
PRELIMINARY ISSUE
NOT FOR SOLICITATION
ADVANCE NOTICE ONLY

SAN FRANCISCO BAY

N.A.D 1983 FEET COORDINATES		
CHANNEL ∠	EAST	NORTH
01	6067147.45	2162797.63
02	6068179.89	2165765.65
03	6070702.45	2165282.52
04	6073236.89	2168028.15
05	6075367.64	2170665.15
06	6076995.27	2173595.79
07	6078299.00	2176972.57
08	6079587.96	2180365.96
09	6080837.89	2183765.15
10	6082187.59	2187058.24
11	6083479.34	2190523.20
12	6084797.57	2193965.26
13	6086175.20	2197417.43
14	6087533.87	2200830.06
15	6088903.67	2204243.39
16	6090096.39	2207620.87
17	6091244.59	2210957.89
18	6092184.29	2213899.14
19	6093353.10	2217395.43
20	6094629.95	2220700.45

N.A.D 1983 FEET COORDINATES		
CENTERLINE ∠	EAST	NORTH
C1	6069175.73	2165800.33
C2	6072853.31	2168833.78
C3	6074868.42	2165282.52
C4	6076908.41	2162418.89
C5	6078312.45	2159512.45
C6	6079602.82	2156697.52
C7	6081670.54	2153697.09
C8	6083472.27	2150642.45
C9	6085084.38	2147870.72
C10	6086763.30	2145197.09
C11	6088294.85	2143286.85

SHEET INDEX



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. MAY TO JULY 2007.

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 88.

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 1998.

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

INNER HARBOR CHANNEL: BENCHMARK A 553 ELEV 15.31 FT. M.L.W.
BENCHMARK #2 1932 USC&GS DISK OLD FORD PLANT 16.9325 FT M.L.W.
B.M. JS 2789 CITY OF RICHMOND DISK PAVEMENT 13.971 FT. M.L.W.

TIDE GAGE LOCATION: MON 31.

HORIZONTAL GPS CONTROL: COAST GUARD BEACON.
VERTICAL CONTROL: BENCHMARK. M.L.W. ELEV.. AGENCY

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

FLOOD
EBB

MATCHLINE - SHEET 2

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:
SUBMITTED: MC		TVW	EWC
Kylie Sung, Team Leader	SHEET NO.	DRAWING NO.	353
APPROVAL RECOMMENDED:	1 OF 4	9	2
Chief, Technical Support Section	DATE: 1/26/2007		
APPROVED:	PREPARED UNDER THE DIRECTION OF CRAIG W. KILEY		
Chief, Construction Branch	LT. COLONEL, C.E., DISTRICT ENGINEER		

ALAMEDA COUNTY CALIFORNIA

RICHMOND INNER HARBOR
POSTDREDGE SURVEY
MAY–JULY 2007

Sheet reference number
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