VICINITY MAP

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

NEW CHANNEL

OLD CHANNEL

W 122°24'40"

N 38°00'00"

W 122°24'00"

W 122°23'20"

N 38°01'40"

LEGEND:
-35'
-34'
-33'
-32'
-31'

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 LOCATION REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS, 24-29 JANUARY 2014.

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 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 IS 35 FEET AT M.L.L.W.

VERTICAL CONTROL
BENCHMARK "5056 C" (1978) USC&GS DISK, ELEV. 34.75 MLLW, NAVD 88 DATUM
TIDE GAUGE LOCATED AT POINT PINOLE PIER.

BENCHMARK "5218 L" (1978) USC&GS DISK, ELEV. 11.00 MLLW, NAVD 88 DATUM
TIDE GAUGE LOCATED AT MARE ISLAND PIER 35.

HORIZONTAL GPS CONTROL
COAST GUARD D-BEACON

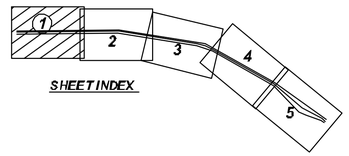
NAD 83
CHANNEL ANGLE POINTS

∠ PT	X	Y
1	6009433.19	2192533.46
2	6022201.83	2209328.10
3	6034092.53	2210783.40
4	6047610.93	2213092.21
5	6053037.95	2212731.27
6	6053127.36	2213132.59
7	6057419.43	2213135.27
8	6053315.20	2211343.59
9	6047716.88	2212492.28
10	6036393.86	2210459.23
11	6033302.86	2209535.23
12	6022551.86	2208398.23
13	6009325.86	2192075.23

NAD 83
CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	6009831.93	2192304.35
C2	6022376.63	2209331.10
C3	6033849.13	2209790.00
C4	6034306.83	2210859.33
C5	6036340.65	2210754.51
C6	6047663.65	2212737.53
C7	6053760.51	2212693.32
C8	6057399.43	2213434.70
C9	6053107.91	2213431.50

SHEET INDEX



GRAPHICS SCALE 1"=400'

400' 0 200' 400' 800' 1600'

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:
	PDT	PDT

DATE:	SHEET NO.	DRAWING NO.	
1/31/2014	1 OF 5	3	2 XXX

PREPARED UNDER THE DIRECTION OF
JOHN K. BAKER
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED:	
PDT	
Marine Survey Team Leader	
APPROVAL RECOMMENDED:	
Chief, Hydro Survey Section	
APPROVED:	
Chief, Construction Branch	

CALIFORNIA

SAN PABLO BAY

PINOLE SHOALS
CONDITION SURVEY
24-29 JANUARY 2014

Sheet reference number
C1