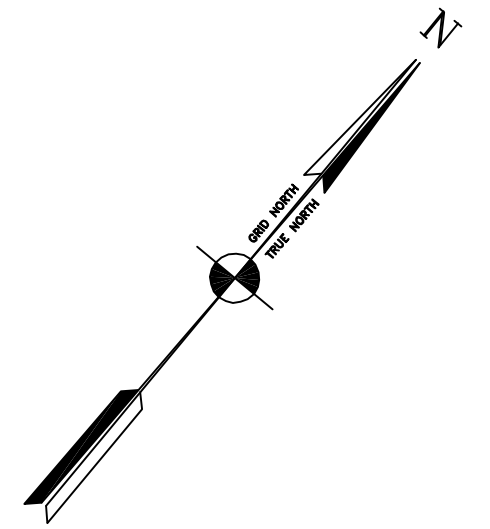


VICINITY MAP

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



N 38° 00' 00"

B

W 122° 24' 40"

A



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: eTRAC
 Reach 1&2 AD - 21-22 Oct 2015
 Reach 3 AD - 23 Oct 2015
 Reach 4 AD - 14 Oct 2015
 Reach 5 AD Composite - 23 Nov 2015
 Reach 6 Progress Survey - 20 Nov 2015
 Reach 7 Pre-dredge Survey - 5 & 6 September 2015

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" (1976) USC&GS DISK, ELEV. 34.75 MLLW, NAVD 88 DATUM TIDE GAUGE LOCATED AT POINT PINOLE PIER.

BENCHMARK "5218 L" (1976) USC&GS DISK, ELEV. 11.00 MLLW, NAVD 88 DATUM TIDE GAUGE LOCATED AT MARE ISLAND PIER 35.

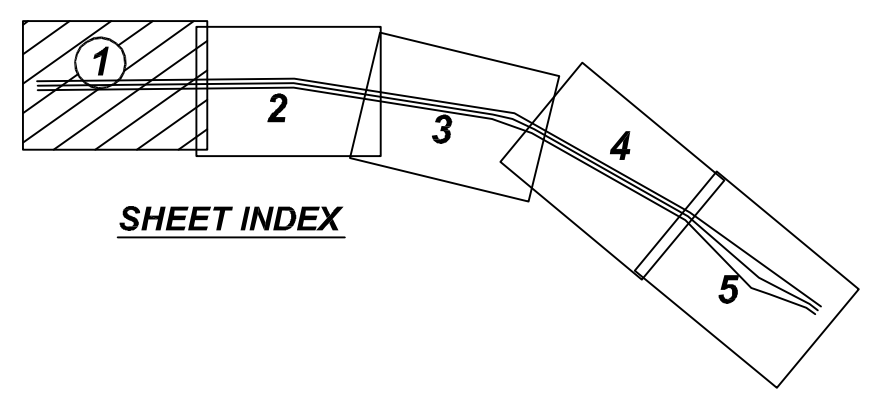
HORIZONTAL GPS CONTROL
 COAST GUARD D-BEACON

LEGEND:

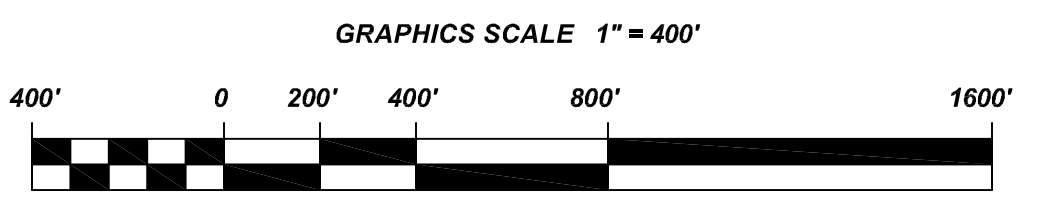
—	-35'
—	-34'
—	-33'
—	-32'
—	-31'

NAD 83 CHANNEL ANGLE POINTS		
PT	X	Y
1	6009615.29	2192343.7900
2	6012570.00	2196164.0000
3	6016237.00	2199512.0000
4	6022201.68	2203236.1306
5	6034692.58	2210763.4016
6	6047610.63	2213082.8116
7	6058087.95	2213781.2656
8	6059127.86	2213182.5946
9	6057419.43	2213135.3686
10	6053815.20	2211848.5036
11	6047716.66	2212492.2556
12	6036393.66	2210459.2336
13	6033802.66	2209535.2336
14	6022551.66	2202636.2336
15	6016804.00	2199034.0000
16	6013013.00	2195756.0000
17	6010090.37	2191976.4800

NAD 83 CENTERLINE ANGLE POINTS		
PT	X	Y
C1	6009853.00	2192160.00
C2	6012791.00	2195960.00
C3	6016421.00	2199273.00
C4	6022376.68	2203081.16
C5	6033649.18	2209793.00
C6	6034836.66	2210359.38
C7	6036340.65	2210754.51
C8	6047663.65	2212787.53
C9	6053760.51	2212668.82
C10	6057399.48	2213434.70
C11	6058107.91	2213481.93



SHEET INDEX



GRAPHICS SCALE 1" = 400'

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

Mark	Description	Date	Appr.

DESIGNED BY:	DATE:	CHECKED BY:	DRAWING NO.:	PDT
	12/11/2015		1 OF 5	
			3	
			2	XXX

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

PINOLE SHOALS
 POSTDREDGE SURVEY 2015
 Reach 1&2 AD - 21-22 Oct 2015
 Reach 3 AD - 23 Oct 2015
 Reach 4 AD - 14 Oct 2015
 Reach 5 AD Composite - 23 Nov 2015
 Reach 6 Progress Survey - 20 Nov 2015
 Reach 7 Pre-dredge Survey - 5 & 6 Sept 2015

Sheet reference number
 C1

MATCHLINE - SHEET 2