TABLE 1

N.A.D. 1983 COORDINATES
OUTER HARBOR CHANNEL ANGLE POINTS AND CONTROL LINE

CHANNEL ∠ PT.	EASTING	NORTHING	CL ∠ PT.	EASTING	NORTHING
O-1	E 6029195.32	N 2121154.59	C1-O	E 6027223.76	N 2120719.23
O-2	E 6032145.86	N 2123096.60	C2-O	E 6028185.70	N 2121144.22
O-3	E 6035035.47	N 2122691.23	C3-O	E 6028997.45	N 2121502.85
O-4	E 6036139.65	N 2123963.51	C4-O	E 6029354.80	N 2121699.81
O-5	E 6038502.15	N 2126685.68	C5-O	E 6030364.92	N 2122333.43
O-6	E 6038225.45	N 2126792.32	C6-O	E 6032165.53	N 2123462.88
O-7	E 6037357.62	N 2126663.70	C7-O	E 6032193.00	N 2123463.27
O-8	E 6035497.65	N 2124519.77	C8-O	E 6034212.79	N 2123492.13
O-9	E 6035435.04	N 2124447.60	C9-O	E 6035180.13	N 2123505.95
O-10	E 6034521.88	N 2124383.85	C10-O	E 6035818.57	N 2124241.71
O-11	E 6034015.75	N 2124177.44	C11-O	E 6036937.35	N 2125530.89
O-12	E 6032185.18	N 2123829.00	C12-O	E 6037620.33	N 2126318.15
O-13	E 6028402.05	N 2121692.56	C13-O	E 6038445.33	N 2126785.15
O-14	E 6027018.64	N 2121132.23			

W 122° 21' 40" | W 122° 21' 20" | W 122° 21' 00" | W 122° 20' 40"
E 6,025,000 | E 6,026,000 | E 6,027,000 | E 6,028,000 | E 6,029,000
N 2,122,000 | N 2,121,000 | N 2,120,000 | N 2,119,000
N 37° 48' 20" | N 37° 48' 00"

N

0-13 | C4-O | C3-O | C2-O | C1-O | 0-14 | 0-1 | 0-2 | 0-3 | 0-4 | 0-5 | 0-6 | 0-7 | 0-8 | 0-9 | 0-10 | 0-11 | 0-12

C1-I | C2-I | C3-I | C4-I | C5-I | C6-I | C7-I

BL 1 | BL 2

LLNR 4660: OAKLAND 7TH STREET TERMINAL LIGHT 1 (6027791.544, 2120179.446)

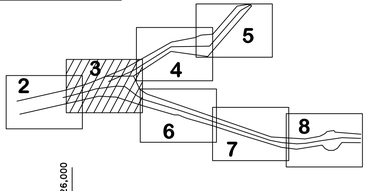
LLNR 4669: LIGHTED BUOY 4; 100' OUTSIDE CHANNEL LIMIT (6027847.048, 2119387.609)

MATCHED LINE – SHEET 2

MATCH LINE SHEET – 4

MATCH LINE SHEET – 6

SHEET INDEX



GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

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

Mark	Description	Date	Appr.

DESIGNED BY: PDT | DRAWN BY: PDT | CHECKED BY: PDT
DATE: 1/23/2015 | SHEET NO. 3 OF 8 | DRAWING NO. 2 | XXX

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

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

CALIFORNIA
ALAMEDA COUNTY

OAKLAND HARBOR
INNER HARBOR
POST-DREDGE SURVEY
REACH 1
06 & 20 JANUARY 2015

Sheet reference number
C3

M:\BRANCH_FOLDERS\CONSTRUCTION\Hydro_Survey\Admin\Surveys\oakland\2015\ OI_6,20Jan2015_AD_R1.dwg Jan 26,2015 - 3:19pm