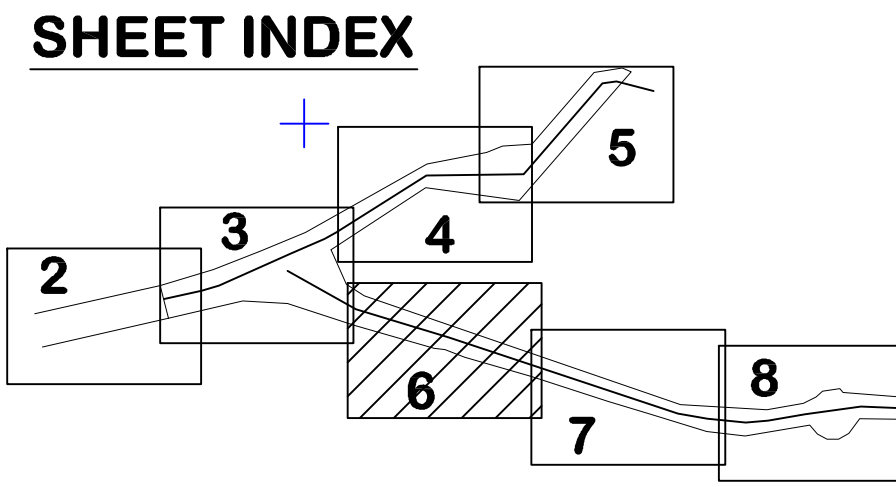


TABLE 2
N.A.D. 1983 COORDINATES
INNER HARBOR CHANNEL ANGLE POINTS AND CONTROL LINE

CHANNEL ∠ PT.	EASTING	NORTHING	∠ PT.	EASTING	NORTHING
I-1	E 6023762.09	N 2118950.51	C1-1	E 6023846.15	N 2119462.15
I-2	E 6024157.22	N 2119040.07	C2-1	E 6024036.26	N 2119550.55
I-3	E 6026473.56	N 2119570.70	C3-1	E 6025886.16	N 2119980.13
I-4	E 6027845.43	N 2119493.40	C4-1	E 6026240.30	N 2120146.80
I-5	E 6029918.57	N 2118819.96	C5-1	E 6027834.44	N 2120362.65
I-6	E 6032404.38	N 2118099.73	C6-1	E 6028520.38	N 2120324.00
I-7	E 6032730.19	N 2118091.23	C7-1	E 6029469.16	N 2119600.14
I-8	E 6033362.89	N 2117836.07	C8-1	E 6029982.52	N 2119311.30
I-9	E 6035409.49	N 2117249.85	C9-1	E 6032849.63	N 2118439.13
I-10	E 6037795.20	N 2116472.91	C10-1	E 6033991.54	N 2118062.12
I-11	E 6039039.12	N 2116096.20	C11-1	E 6039959.88	N 2116091.63
I-12	E 6040854.58	N 2115539.56	C12-1	E 6040877.50	N 2115916.79
I-13	E 6042043.88	N 2115391.38	C13-1	E 6041540.72	N 2115860.01
I-14	E 6044049.18	N 2115718.91	C14-1	E 6042088.48	N 2115814.83
I-15	E 6044280.53	N 2115448.21	C15-1	E 6042523.82	N 2115844.55
I-16	E 6044574.83	N 2115301.16	C16-1	E 6042762.57	N 2115860.14
I-17	E 6044943.04	N 2115301.09	C17-1	E 6043906.03	N 2116056.12
I-18	E 6045252.44	N 2115469.88	C18-1	E 6045627.74	N 2116304.23
I-19	E 6045598.27	N 2115919.64	C19-1	E 6047090.98	N 2116244.72
I-20	E 6047077.42	N 2115911.23			
I-21	E 6047104.51	N 2116377.48			
I-22	E 6045970.66	N 2116733.32			
I-23	E 6044970.66	N 2116868.32			
I-24	E 6044443.67	N 2116787.33			
I-25	E 6044237.67	N 2116595.33			
I-26	E 6043848.67	N 2116407.34			
I-27	E 6042706.68	N 2116202.36			
I-28	E 6040041.68	N 2116358.42			
I-29	E 6030243.21	N 2119742.79			
I-30	E 6029688.69	N 2120100.77			
I-31	E 6029195.32	N 2121154.59			
I-32	E 6027018.64	N 2121332.23			
I-33	E 6025557.78	N 2120540.53			
I-34	E 6023915.29	N 2120061.03			
I-35	E 6023530.21	N 2119973.81			



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 LOCATIONS 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. NAVD 88.

DATA IS COMPOSITE OF THE MARCH-APRIL 2012 AFTER-DREDGE, 25 MAY 2012 AND 20 JUNE 2012 STATION 125+00 POST KNOCKDOWN SURVEYS.

VERTICAL CONTROL
 BENCHMARK *MON. 4767A 1964 ELEV. 9.36 FT. MLLW.
 BENCHMARK *MON. 4777A 1994 ELEV. 13.67 FT. MLLW.
 BENCHMARK *MON. MOLE RM-1 ELEV. 12.36 FT. MLLW.
 BENCHMARK *MON. PORT 1 1936 ELEV. 9.36 FT. MLLW.
 TIDE GAUGE LOCATION: OAKLAND ARMY BASE, PIER 7, BERTH 40

HORIZONTAL GPS CONTROL
 COAST GUARD D-BEACON

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE III CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH OF OUTER AND INNER HARBOR IS -50 FEET. PROJECT DEPTH FROM INNER HARBOR TURNING BASIN TO PARK STREET BRIDGE IS 35 FEET. TIDAL CANAL PROJECT DEPTH IS 18 FEET.


 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	PDT

APPROVAL RECOMMENDED:	DATE:	SHEET NO.:	DRAWING NO.:
Chief, Geomatics Section	6/22/2012	6 OF 8	2 XXX

PREPARED UNDER THE DIRECTION OF
 TORREY A. DICIRO
 LT. COLONEL, C.E., DISTRICT ENGINEER

CALIFORNIA COUNTY
 OAKLAND INNER HARBOR
 POST-KNOCKDOWN SURVEY (STA 125+00)
 COMPOSITE SURVEY
 20 JUNE 2012

Sheet reference number
 C6

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