

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

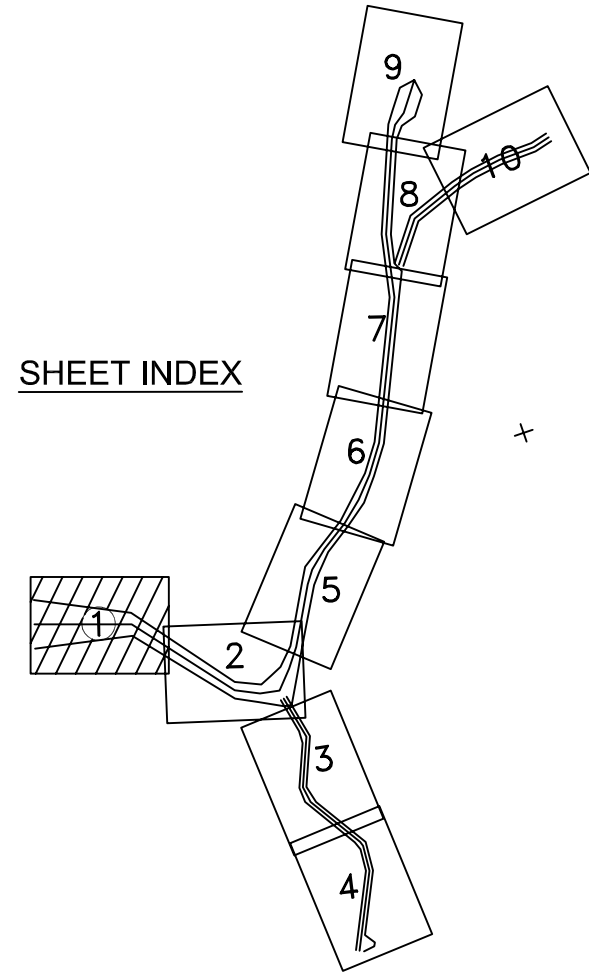
MATCHLINE - SHEET 2

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
- SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTHS OF A FOOT.
- SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY, NGVD29.
- PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE 11 NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.
- PROJECT DEPTHS ARE AS FOLLOWS:
 BAR & ENTRANCE CHANNEL = 48 FEET
 NORTH BAY, SAMOA TO MILE 5.0 & EUREKA CHANNEL = 38 FEET
 FIELDS LANDING CHANNEL & MILE 5.0 TO "N" STREET = 26 FEET
- 1:00 INDICATES THE NUMBER AND BEGINNING OF A LINE OF SOUNDINGS.
- SOUNDINGS ARE BASED ON TIDE GAUGES REFERENCED TO U.S.C. & G.S. BENCH MARKS AS FOLLOWS:
 EUREKA & SAMOA CHANNELS - B.M. NO. 4 (1906) ELEV. 33.61' M.L.L.W.
 ENTRANCE & NORTH BAY CHANNELS - B.M. NO. 9 (1937) ELEV. 16.39' M.L.L.W.
 FIELDS LANDING CHANNEL - B.M. NO. 5 (1925) ELEV. 8.52' M.L.L.W.

NAD 83 CENTERLINE ANGLE POINTS HUMBOLDT BAY (BAR & ENTRANCE)			
∠ PT	X	Y	
C1	5936273.49	2172157.43	
C2	5938147.59	2171508.43	
C3	5940265.09	2170773.43	
C4	5943553.39	2169802.43	
C5	5944545.29	2169122.43	
C6	5945376.99	2168507.43	
C7	5946085.69	2167823.43	
C8	5946866.99	2167089.43	
C9	5947166.09	2166359.43	
C10	5948049.99	2165617.43	
C11	5948433.89	2164875.43	
C12	5949233.79	2164133.43	
C13	5950417.39	2163391.43	
C14	5951329.29	2162649.43	
C15	5952138.39	2161907.43	
C16	5952989.89	2161165.43	
C17	5953671.89	2160423.43	
C18	5954236.79	2159681.43	
C19	5954782.09	2158939.43	
C20	5955452.59	2158197.43	
C21	5956081.79	2157455.43	
C22	5956921.79	2156713.43	
C23	5957581.79	2155971.43	

NAD 83 CHANNEL ANGLE POINTS HUMBOLDT BAY (BAR & ENTRANCE)					
∠ PT	X	Y	∠ PT	X	Y
1	5936596.69	2173163.63	24	5959081.79	2187578.43
2	5938385.39	2172268.83	25	5958421.69	2187381.23
3	5940404.09	2171258.93	26	5958007.99	2186903.83
4	5943666.09	2169944.43	27	5956425.99	2183093.63
5	5944727.49	2169498.93	28	5955165.59	2181842.63
6	5945239.99	2168693.33	29	5953349.99	2179424.63
7	5945752.39	2167911.73	30	5951866.99	2180393.43
8	5946464.09	2167631.33	31	5951363.09	2174604.63
9	5946953.59	2168479.53	32	5952300.39	2173413.53
10	5947831.59	2170042.13	33	5951516.79	2172459.53
11	5948193.09	2170679.33	34	5950526.69	2171724.13
12	5949124.59	2171287.03	35	5949343.09	2170952.03
13	5950308.09	2172059.13	36	5948674.79	2170232.13
14	5951141.79	2172853.23	37	5948301.49	2169794.33
15	5951976.39	2173648.23	38	5947388.59	2168234.23
16	5952816.79	2174808.43	39	5946907.49	2167381.23
17	5953484.79	2180520.43	40	5946431.39	2166537.23
18	5956047.79	2183225.93	41	5945672.89	2165192.43
19	5957638.19	2187056.43	42	5945354.09	2165254.63
20	5957885.59	2187847.53	43	5944363.09	2165776.33
21	5958881.79	2188978.43	44	5943441.39	2166261.63
22	5959581.79	2189078.43	45	5940126.19	2170287.93
23	5959681.79	2188378.43	46	5937908.79	2170746.43
			47	5935950.29	2171151.43



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

Mark	Description	Date	Appr.

SUBMITTED: Hydro Survey Team Leader	DESIGNED BY:	TVW	EWC
	APPROVAL RECOMMENDED:	SHEET NO.	DRAWING NO.
	APPROVED:	DATE:	6/13/2007

1 OF 10 5 2 322

PREPARED UNDER THE DIRECTION OF
CRAIG W. KILEY
LT. COLONEL, C.E., DISTRICT ENGINEER

HUMBOLDT COUNTY
CALIFORNIA
HUMBOLDT BAY
BAR & ENTRANCE
POST-DREDGE SURVEY
26 MAY - 2 JUNE 2007

Sheet
reference
number
C1