

**US Army Corps of Engineers**  
 San Francisco District  
 450 Golden Gate Ave  
 San Francisco, CA 94102

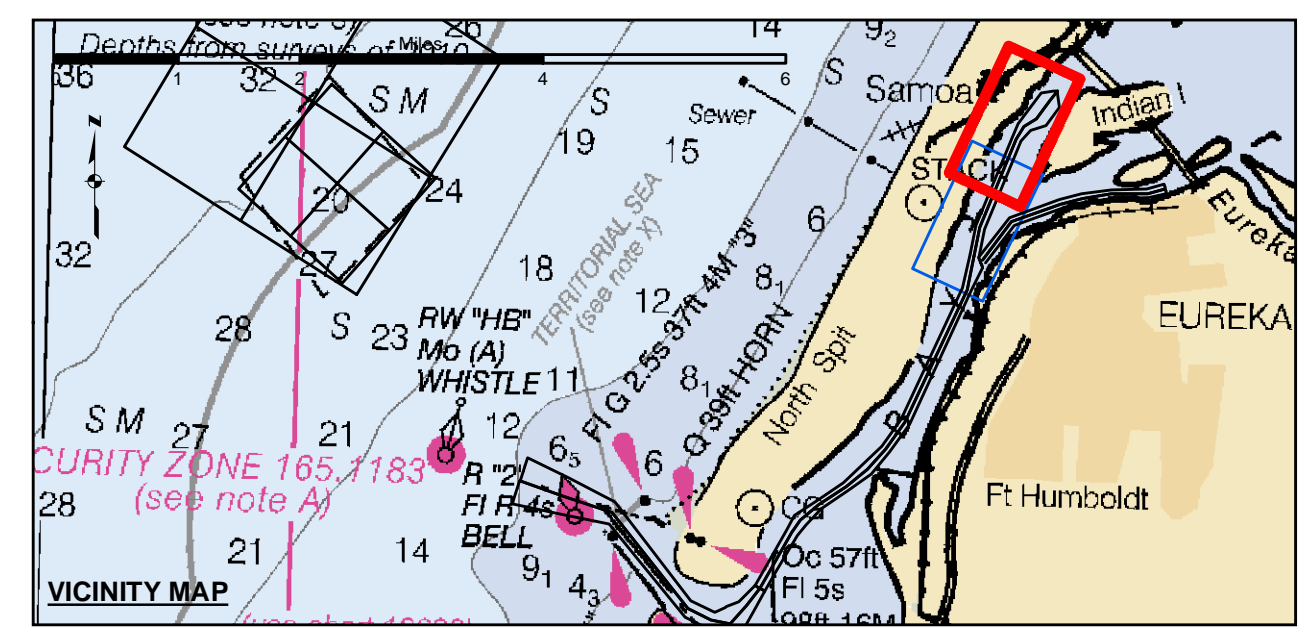
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Chart Date:	Jun 06, 2022
Surveyed By:	LT COLONEL C.E. ARNETT
Plotted By:	PDT
Checked By:	PDT
Designed by:	PDT
Drawn by:	PDT

CALIFORNIA  
 HUMBOLDT COUNTY  
 HUMBOLDT BAY  
 SAMOA CHANNEL  
 CONDITION SURVEY  
 2-4 JUNE 2022

**Sheet Reference Number 1 of 2**

Angle Point	Easting	Northing
18	5956047.79	2183225.93
19	5957636.19	2187056.43
20	5957063.59	2187647.53
21	5958681.79	2188978.43
22	5959681.79	2188378.43
23	5959081.79	2187578.43
24	5958421.69	2187381.23
25	5958007.99	2186903.83
26	5958425.99	2183093.63
27	5958236.79	2183159.43
C18	5957823.09	2186979.43
C19	5958152.59	2187513.43
C20	5958681.79	2187878.43
C21	5959581.79	2189078.43
C23	5959581.79	2189078.43



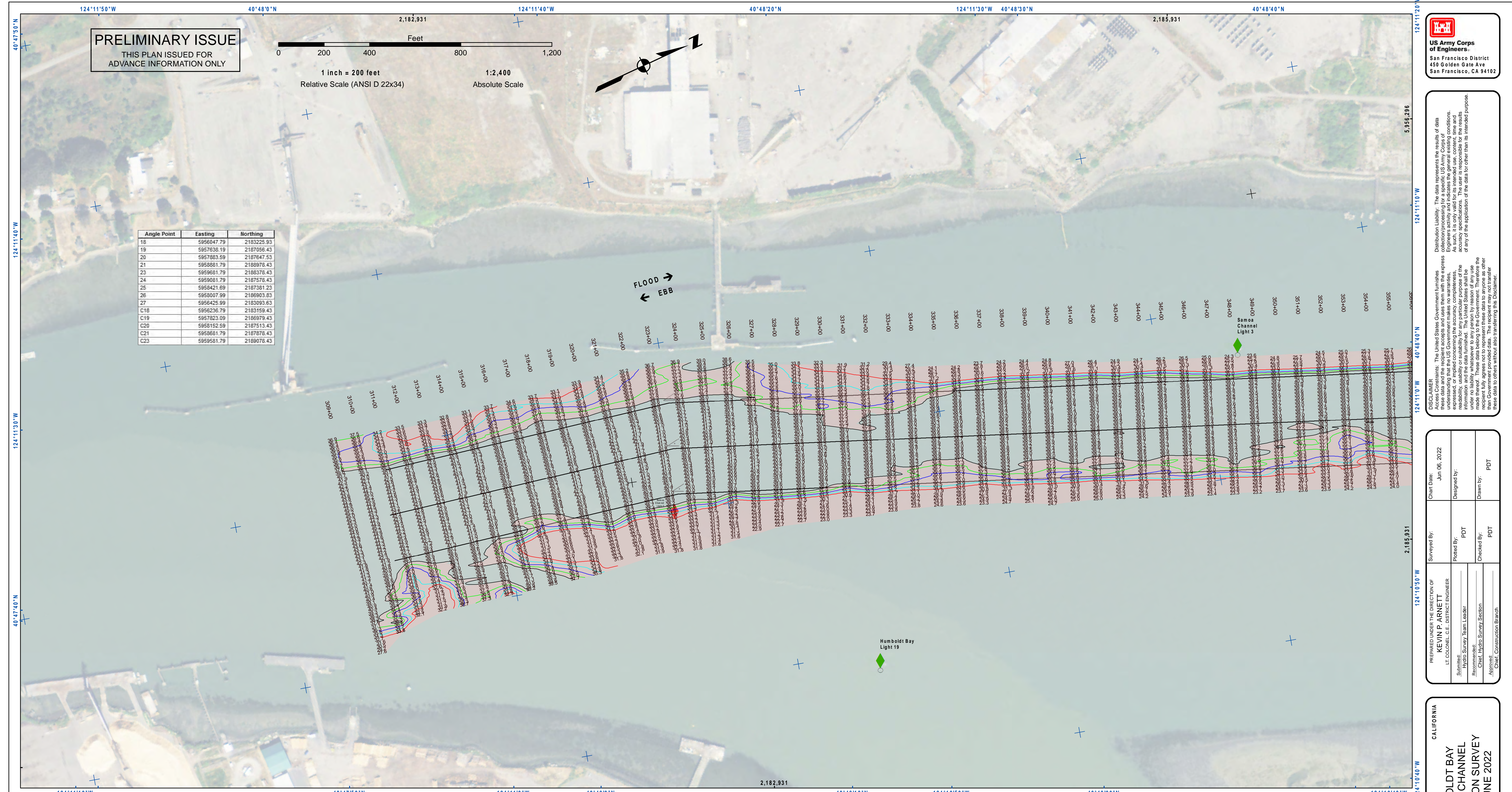
Federal Navigation Channel	Beacon, General	<b>Contours</b>
Shoaling Area	Obstruction Point	-38
Placement Area	Navigation Buoy	-37
Anchorage Area	Navigation Buoy	-36
Wreck Area	Shoalest Sounding*	-35
Submerged Wreck		-34
Angle Point		

**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.  
 PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE 1 NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

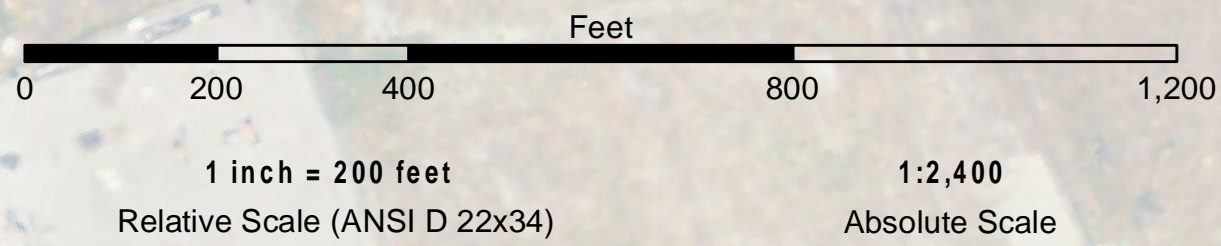
PROJECT DEPTHS ARE AS FOLLOWS:  
 BAR & ENTRANCE CHANNEL = 48 FEET  
 NORTH BAY, SAMOA TO MILE 5.0 & = 38 FEET  
 EUREKA CHANNEL, FIELDS LANDING CHANNEL & MILE 5.0 TO "N" STREET = 26 FEET

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. 16.35' M.L.L.W.  
 FIELDS LANDING CHANNEL - B.M. NO. 5 (1925) ELEV. 8.52' M.L.L.W.





**PRELIMINARY ISSUE**  
THIS PLAN ISSUED FOR  
ADVANCE INFORMATION ONLY



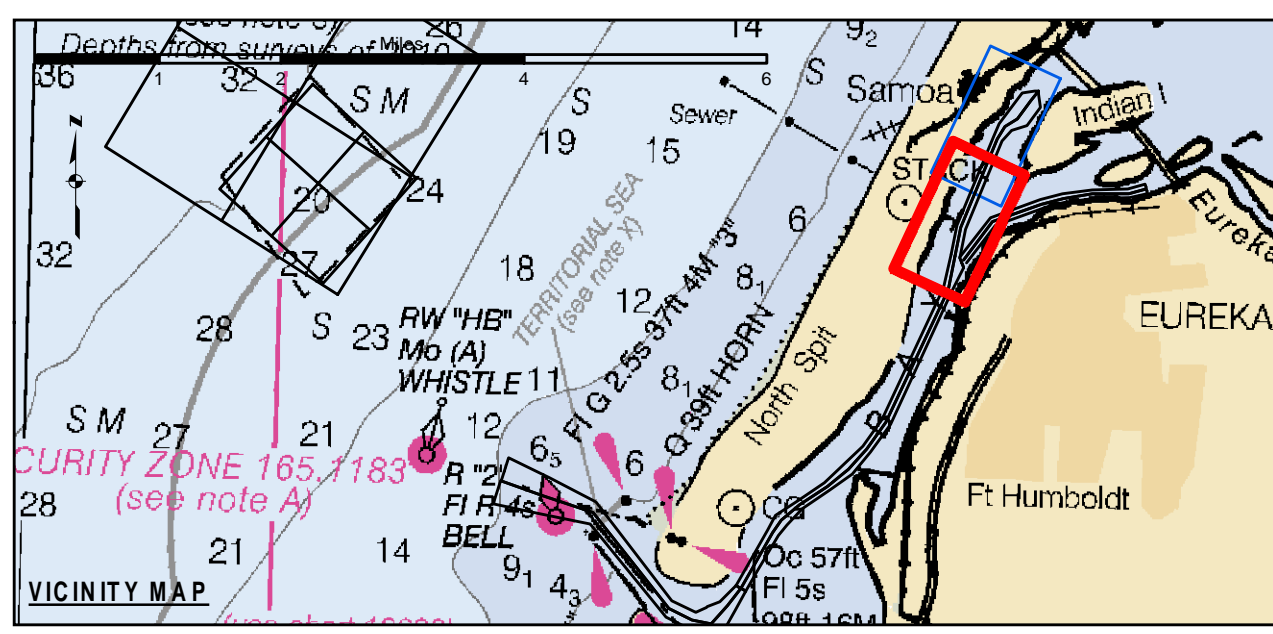
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Prepared Under the Direction of <b>KEVIN P. ARNETT</b> LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: Jun 06, 2022
Submitted: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Checked by: PDT
Approved: Chief, Construction Branch	Drawn by: PDT

CALIFORNIA  
**HUMBOLDT BAY  
SAMOA CHANNEL  
CONDITION SURVEY  
2-4 JUNE 2022**



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