

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



Angle Point	Easting	Northing
18	5956047.79	2183225.93
19	5957636.19	2187056.43
20	5957063.58	2187647.53
21	5958881.79	2188978.43
23	5959681.79	2188378.43
24	5959081.79	2187578.43
25	5958421.69	2187381.23
26	5958007.99	2186903.83
27	5956425.99	2183093.63
C18	5958236.79	2183159.43
C19	5957823.09	2186979.43
C20	5958152.59	2187513.43
C21	5958681.79	2187878.43
C23	5959581.79	2189078.43

124°11'30"W
40°48'30"N
124°11'20"W
124°11'10"W
124°11'00"W
40°48'20"N
124°10'50"W
40°48'30"N
124°10'40"W
40°48'40"N
124°10'30"W
40°48'50"N
124°10'20"W
40°49'00"N
124°10'10"W
40°49'10"N
124°10'00"W
40°49'20"N

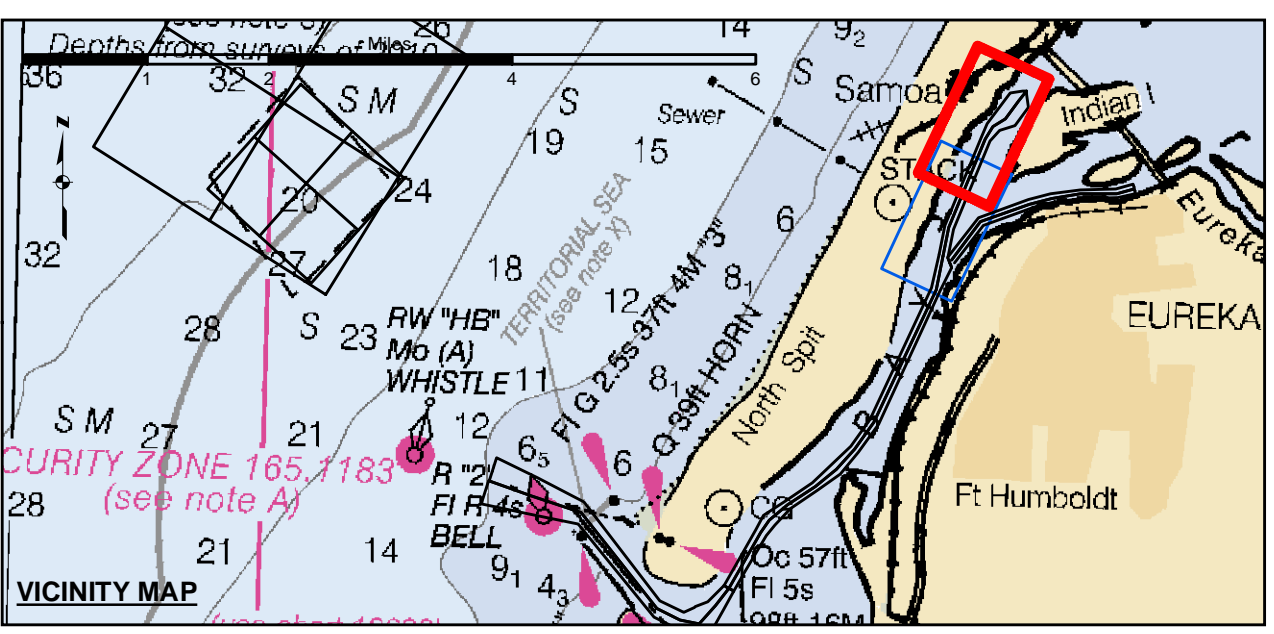
2,187,077
2,190,077
2,187,077
2,190,077
5,957,908
2,190,077
2,187,077



DISCLAIMER
The United States Government furnishes this information as a service to the public. It is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any application of the data for other than the intended purpose. The United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, or reliability of the information furnished. The United States Government assumes no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore, the user is prohibited from disseminating these data to other than the intended user without the prior written consent of the Government. The recipient may not transfer these data to others without also transferring this disclaimer.

Prepared Under the Direction of KEVIN P. ARNETT LT Colonel, C.E., District Engineer	Chart Date: Mar 28, 2023
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 COUNTY
**HUMBOLDT BAY
SAMOA CHANNEL
CONDITION SURVEY**
23-24 MARCH 2023

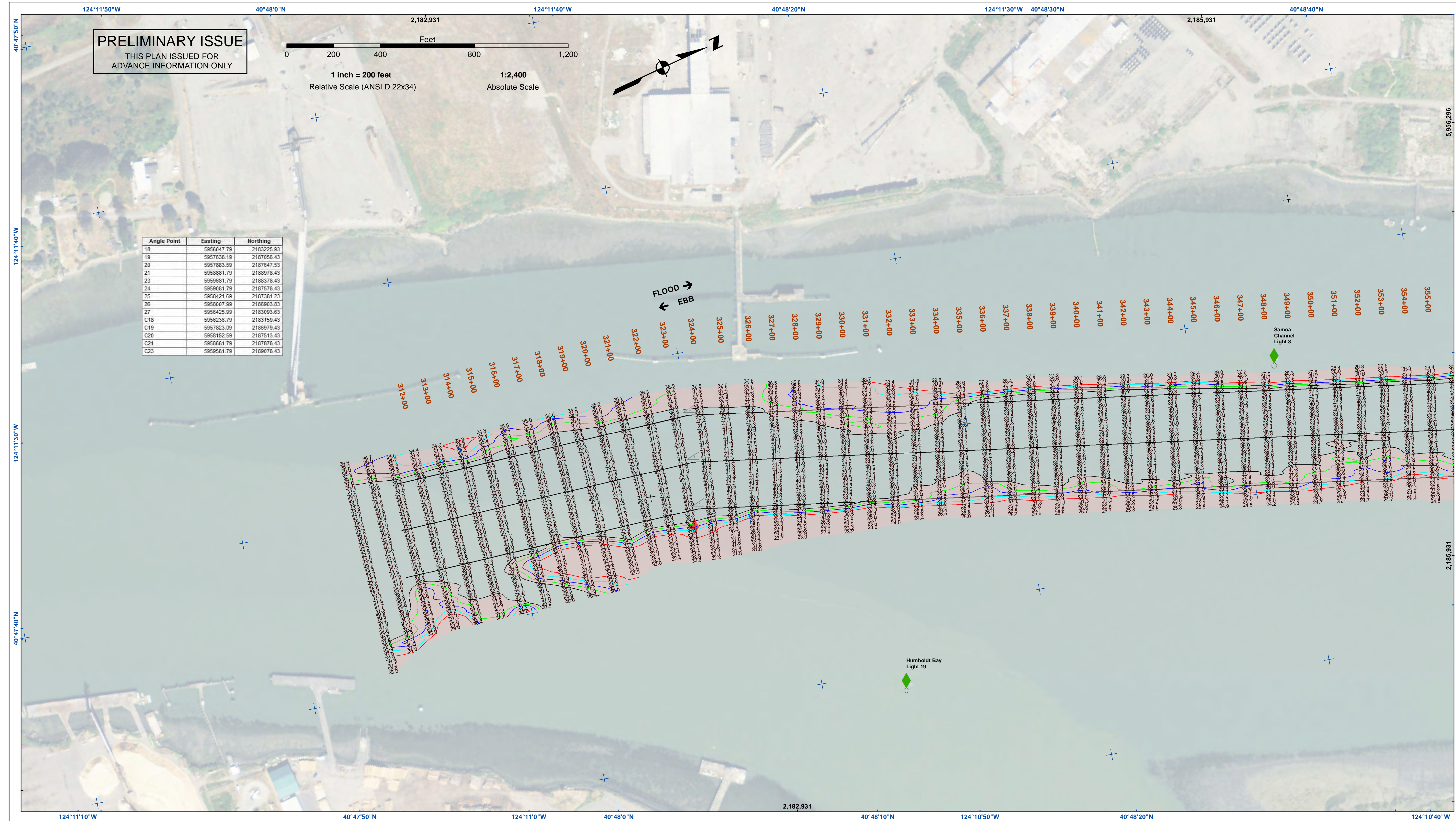


Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-38
Placement Area	Navigation Buoy	-37
Anchorage Area	Navigation Buoy	-36
Wreck Area	Shoalest Sounding*	-35
Submerged Wreck		-34
Angle Point		

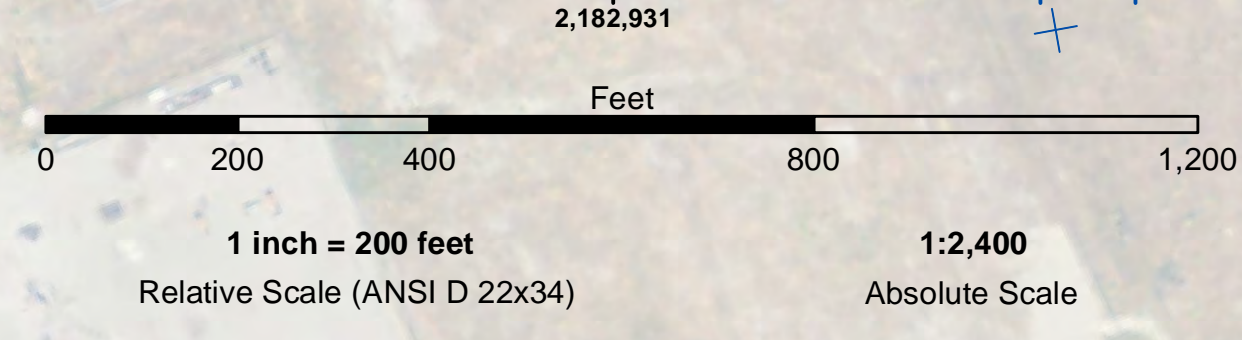
NOTES:
DRAWINGS NOT TO BE USED AS NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATION REPRESENT THE POSITION OF THE SINKER ONLY.
SURVEYED BY THE CORPS OF ENGINEERS.
SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTHS OF A FOOT.
SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

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

**Sheet
Reference
Number
1 of 2**



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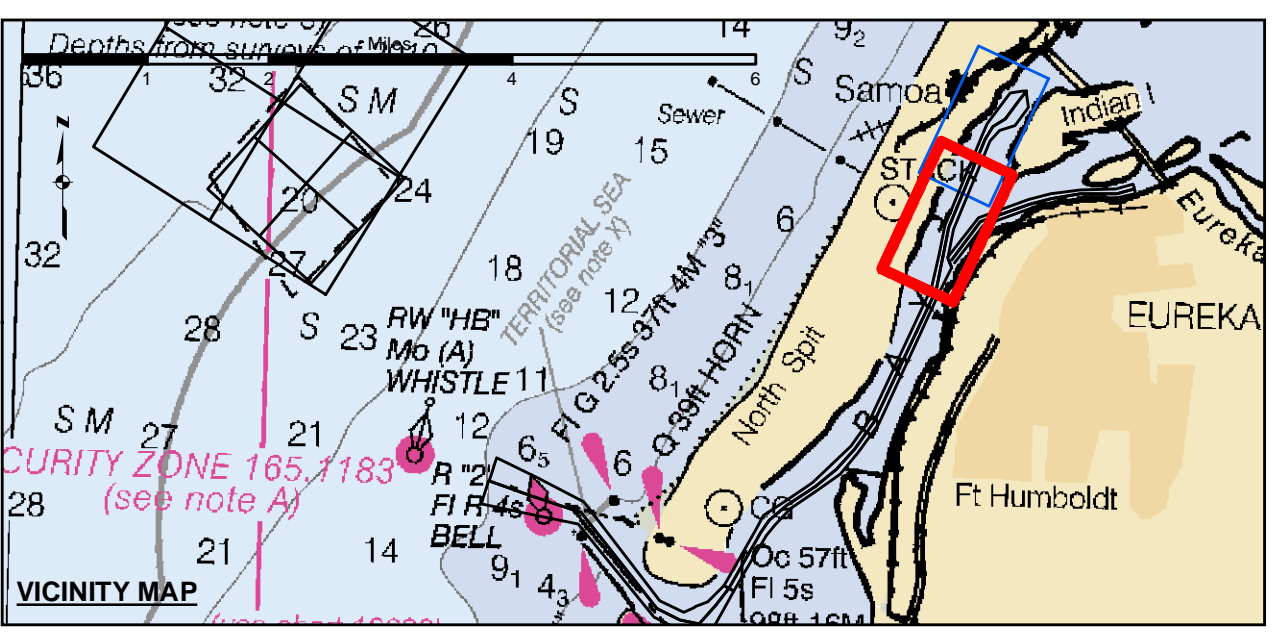
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US Army Corps of Engineers
San Francisco District
450 Golden Gate Ave
San Francisco, CA 94102

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Prepared Under the Direction of LT COLONEL C.E. ARNETT	Chart Date: Mar 28, 2023
Submitted: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Drawn by: PDT
Approved: Chief, Construction Branch	PDT

CALIFORNIA
HUMBOLDT COUNTY
**HUMBOLDT BAY
SAMOA CHANNEL
CONDITION SURVEY
23-24 MARCH 2023**



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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.

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