

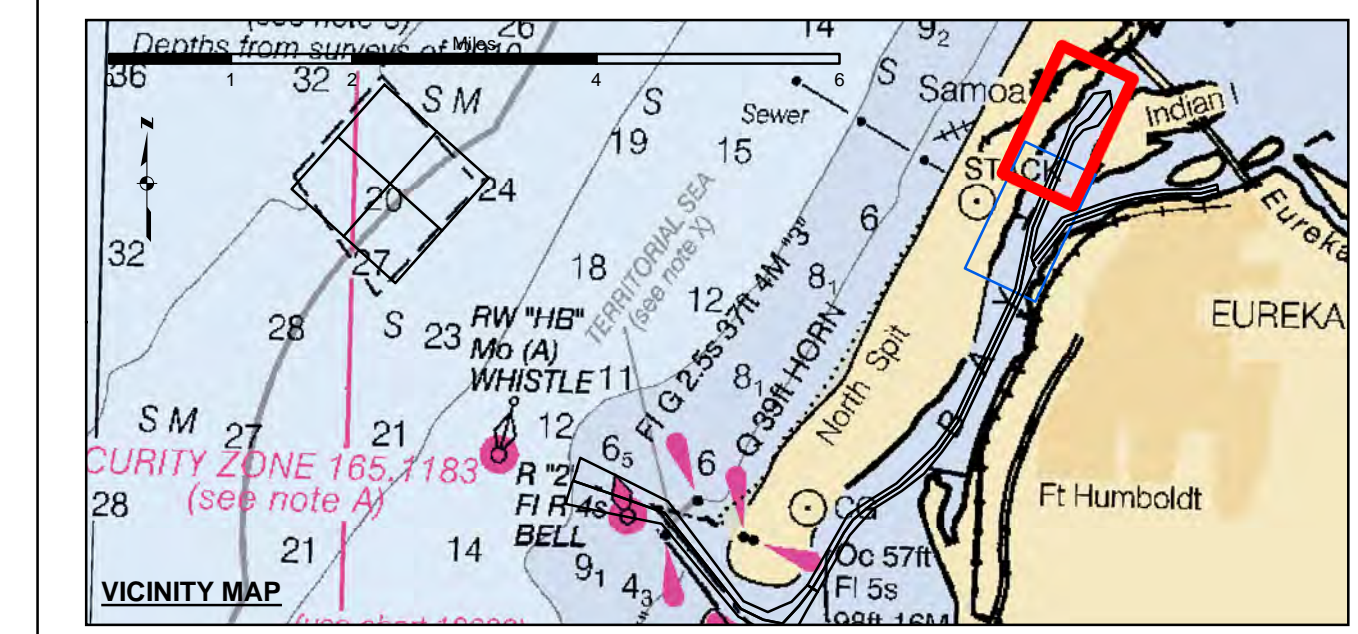
US Army Corps of Engineers
 San Francisco District
 450 Golden Gate Ave
 San Francisco, CA 94102

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Prepared Under the Direction of JOHN D. CUNNINGHAM LT Colonel, C.E. District Engineer	Chart Date: Jan 22, 2020
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
 12-13 JANUARY 2020**

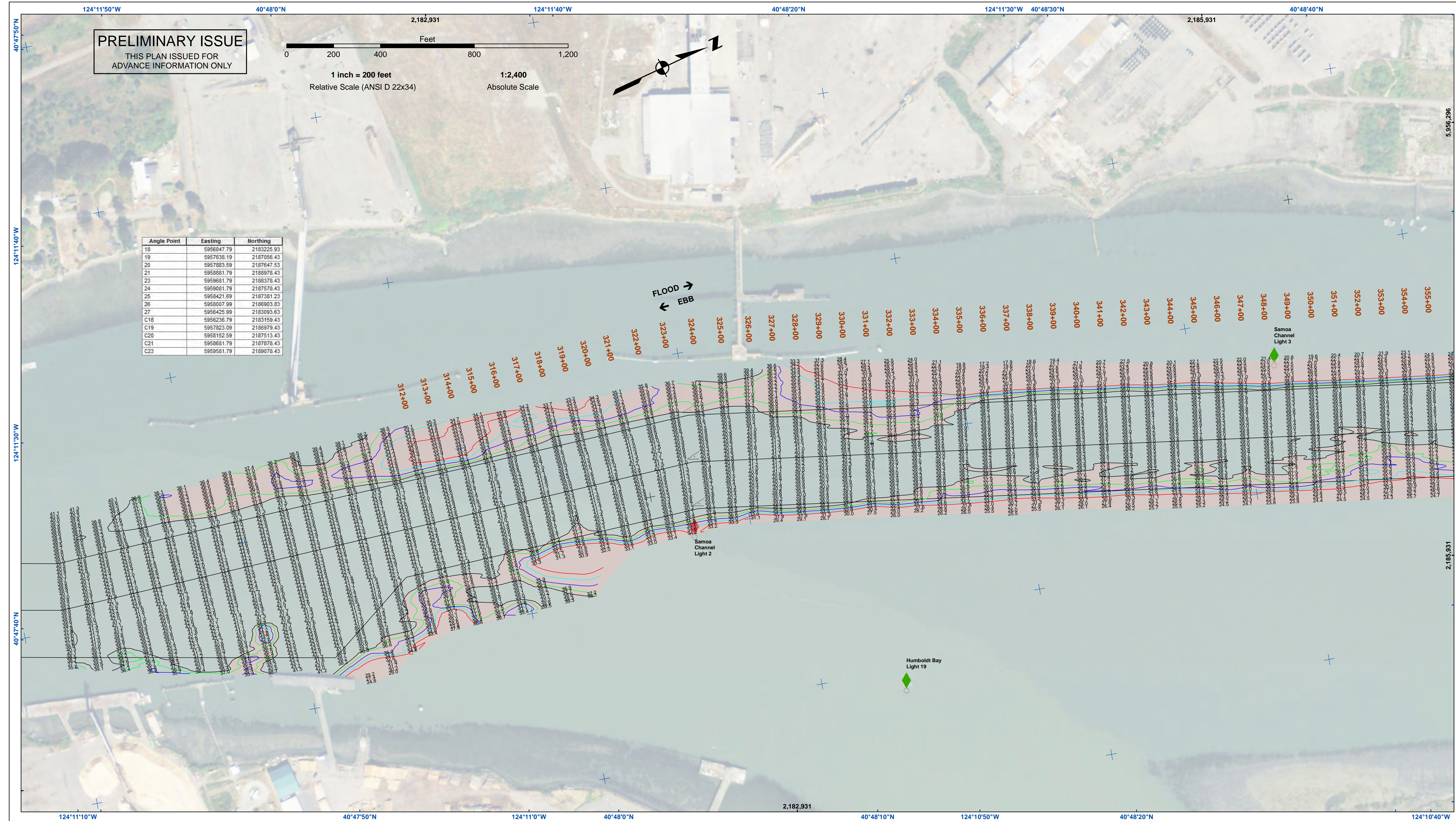
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Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	
Placement Area	Navigation Buoy	-38
Anchorage Area	Navigation Buoy	-37
Wreck Area	Shoalest Sounding*	-36
Submerged Wreck		-35
Angle Point		-34

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 I 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
 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 & SOMOA 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.



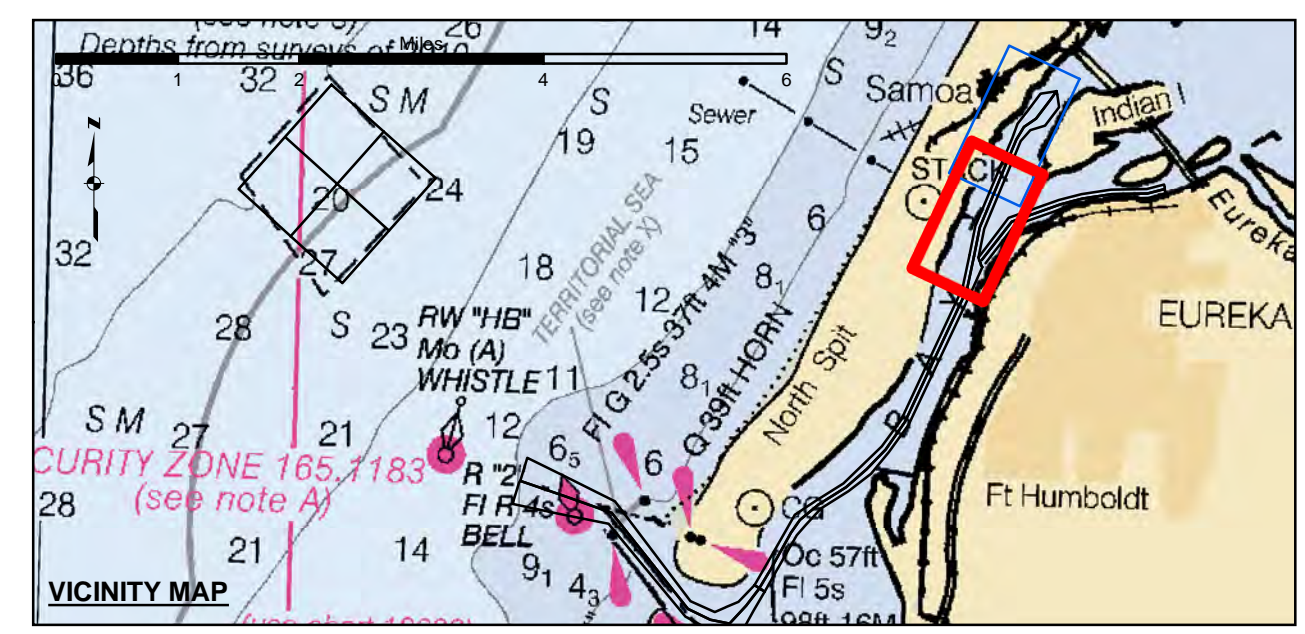
PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

Scale: 1 inch = 200 feet
Relative Scale (ANSI D 22x34) Absolute Scale

Angle Point	Easting	Northing
18	5956047.79	2183225.93
19	5957636.19	2187056.43
20	5957063.59	2187677.53
21	5958681.79	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	5956236.79	2183159.43
C19	5957823.09	2186979.43
C20	5958152.59	2187513.43
C21	5958681.79	2187878.43
C23	5959581.79	2189078.43

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LT COLONEL C.E. CUNNINGHAM	Jan 22, 2020
Submitted:	Designed by:
Hydro Survey Team Leader	PDT
Recommended:	Checked by:
Chief, Hydro Survey Section	PDT
Approved:	Drawn by:
Chief, Construction Branch	PDT



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