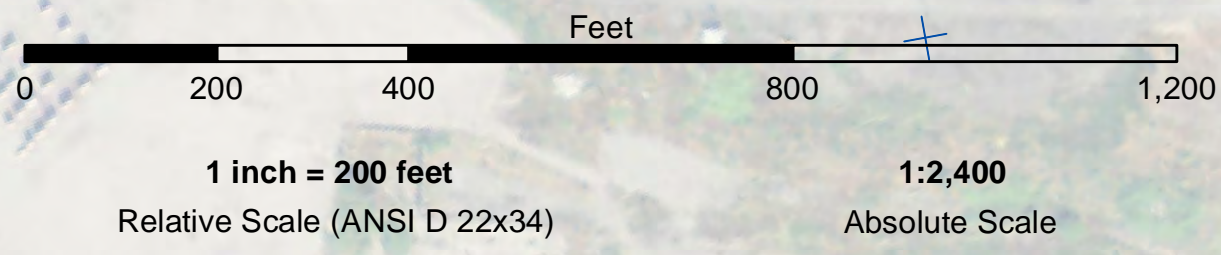


PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

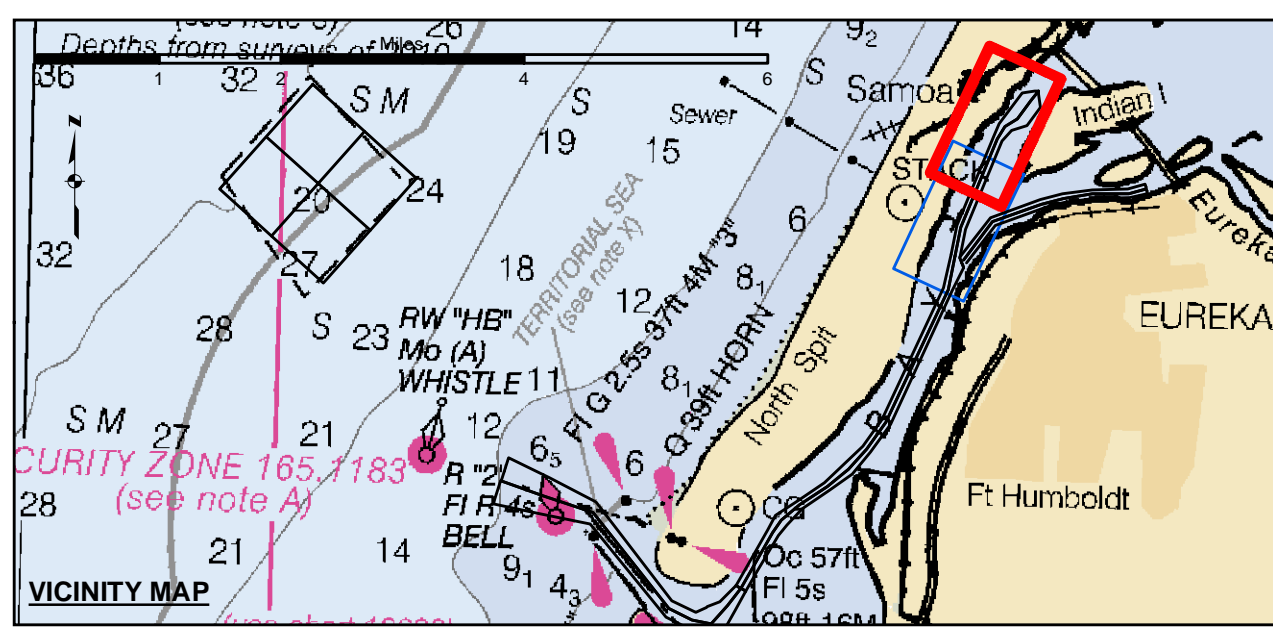


Angle Point	Easting	Northing
18	5956047.79	2183225.93
19	5957636.19	2187056.43
20	5957063.58	2187647.53
21	5958681.79	2188978.43
22	5959681.79	2188378.43
23	5959081.79	2187578.43
24	5958421.69	2187381.23
25	5958007.99	2186903.83
26	5958425.99	2183093.63
27	5958236.79	2183159.43
C18	5957823.09	2186979.43
C19	5958152.59	2187513.43
C20	5958681.79	2187878.43
C21	5959581.79	2189078.43
C23		



DISCLAIMER
The United States Government furnishes access to this information for the purpose of providing information to the public. The United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, or reliability of the information. The user is responsible for the results of any application of the data for other than its intended purpose. The data is provided for informational purposes only and is not intended for navigation. The user is responsible for the results of any application of the data for other than its intended purpose. The data is provided for informational purposes only and is not intended for navigation. The user is responsible for the results of any application of the data for other than its intended purpose.

Prepared Under the Direction of JOHN D. CUNNINGHAM LT COLONEL, C.E. DISTRICT ENGINEER	Chart Date: Feb 17, 2021
Submitted by: Hydro Survey Team Leader	Designed by: PDT
Recommended by: Chief, Hydro Survey Section	Checked by: PDT
Approved by: Chief, Construction Branch	Drawn by: PDT



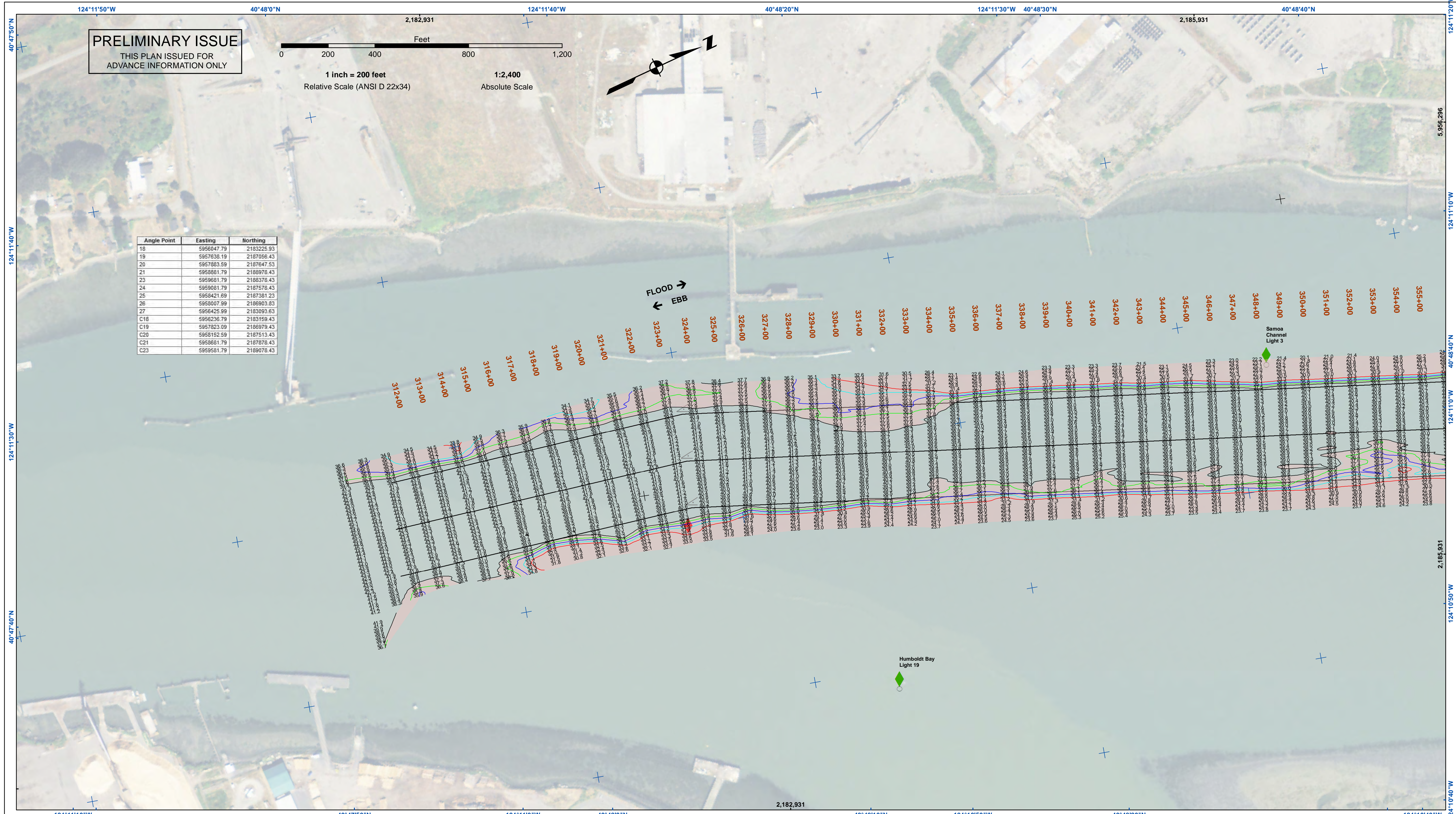
Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-38
Placement Area	Navigation Buoy	-37
Anchorage Area	Navigation Buoy	-36
Wreck Area	Shoalest Sounding*	-35
Submerged Wreck		-34
Angle Point		

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.
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.

CALIFORNIA
HUMBOLDT COUNTY
HUMBOLDT BAY
SAMOA CHANNEL
CONDITION SURVEY
07 FEBRUARY 2021

Sheet Reference
Number
1 of 2



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

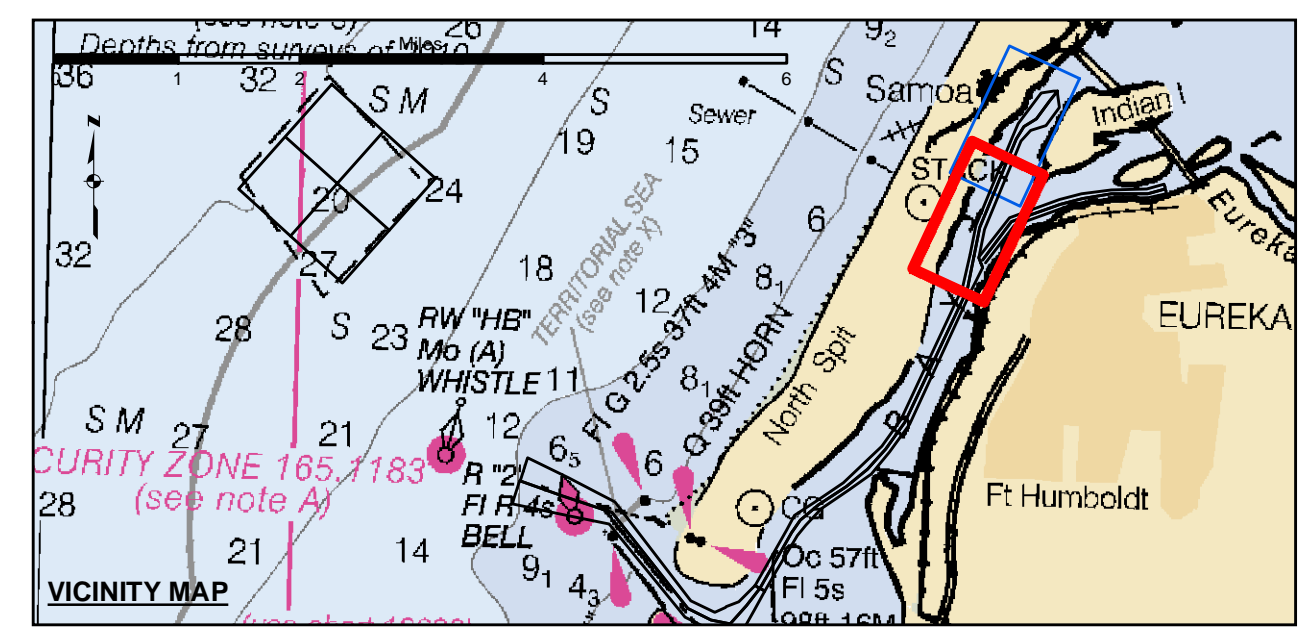
DISCLAIMER
 The United States Government furnishes this information as a service to the user. It is not intended to be used for any purpose other than that for which it was prepared. The user is responsible for the results of any application of the data for other than the intended purpose. The user is responsible for the results of any application of the data for other than the intended purpose. The user is responsible for the results of any application of the data for other than the intended purpose.

Prepared Under the Direction of LT COLONEL C.E. CUNNINGHAM	Chart Date: Feb 17, 2021
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
SAMOJA CHANNEL
 CONDITION SURVEY
 07 FEBRUARY 2021

Sheet Reference Number 2 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
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



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 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, SAMOJA 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 & SAMOJA 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.