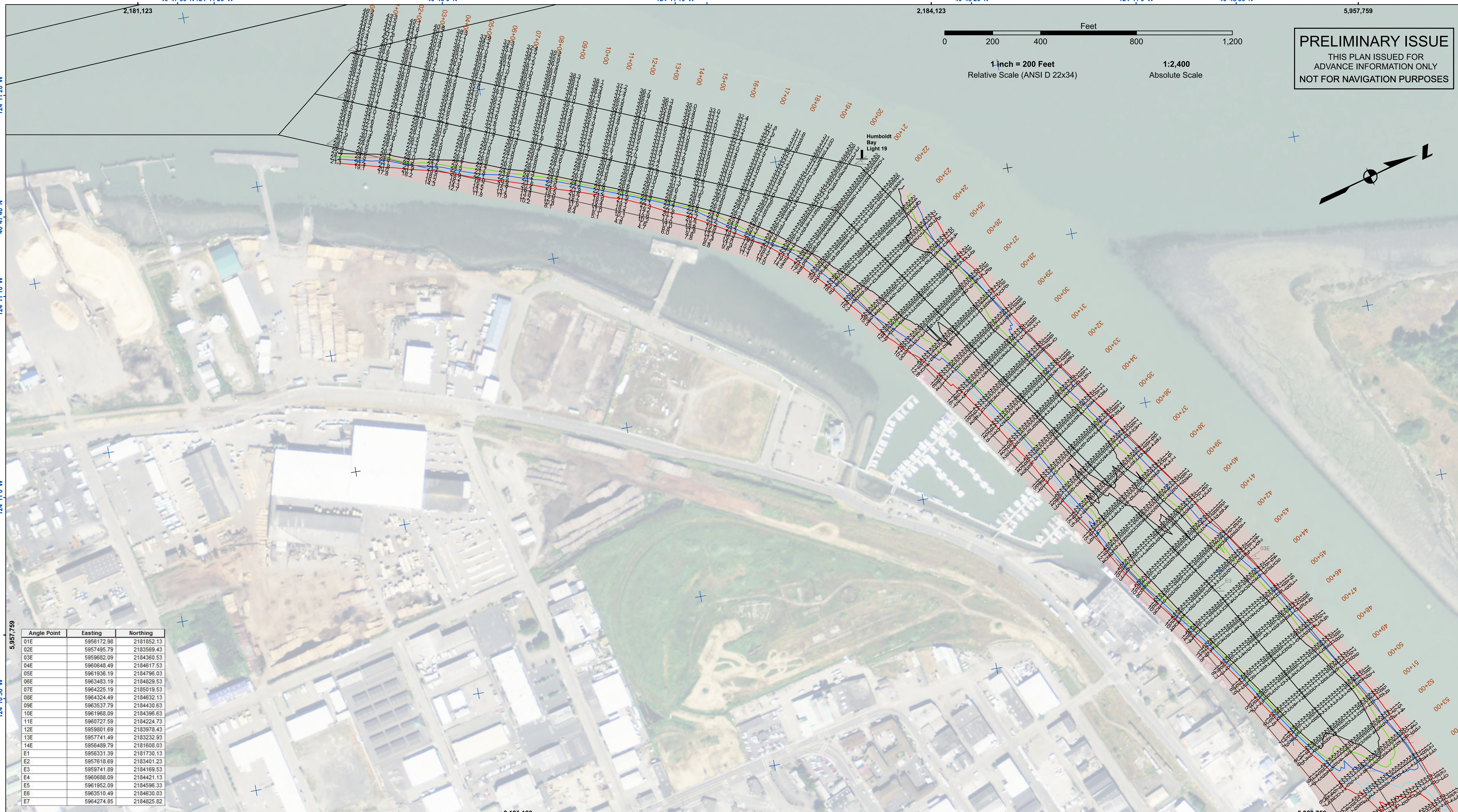
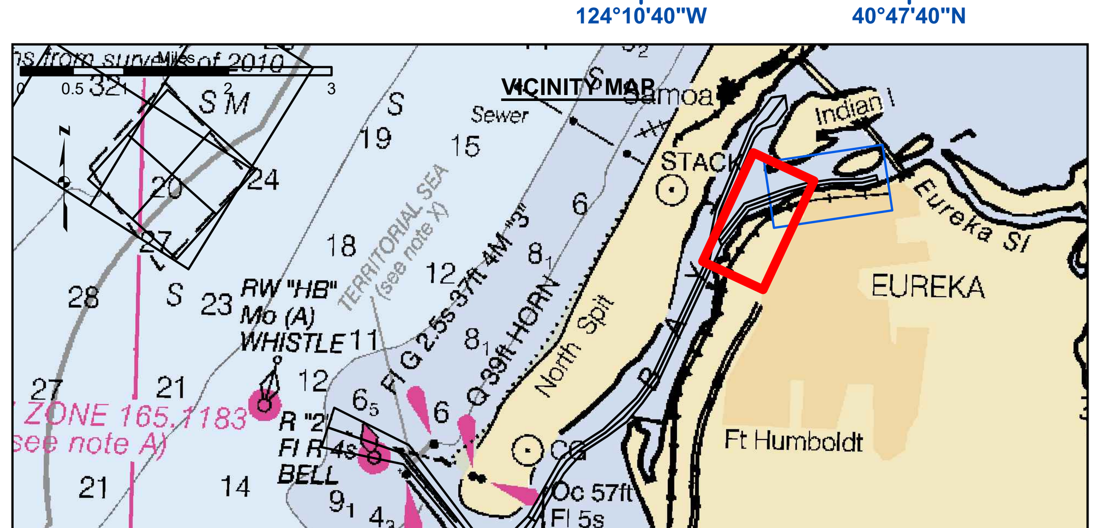
CORPS OF ENGINEERS | U.S. ARMY



Angle Point	Easting	Northing
01E	5956172.98	2181852.13
02E	5957495.79	2183569.43
03E	5959682.09	2184360.53
04E	5960648.49	2184617.53
05E	5961936.19	2184796.03
06E	5963483.19	2184829.53
07E	5964225.19	2185019.53
08E	5964324.49	2184632.13
09E	5963537.79	2184430.63
10E	5961968.09	2184396.63
11E	5960727.59	2184224.73
12E	5959801.69	2183978.43
13E	5957741.49	2183232.93
14E	5956489.79	2181608.03
E1	5956331.39	2181730.13
E2	5957618.69	2183401.23
E3	5959741.89	2184169.53
E4	5960688.09	2184421.13
E5	5961952.09	2184596.33
E6	5963510.49	2184630.03
E7	5964274.85	2184825.82



Federal Navigation Channel
Shoaling Area
Placement Area
Anchorage Area
Wreck Area
Submerged Wreck
Angle Point
Beacon, General
Obstruction Point
Navigation Buoy
Navigation Buoy
Shoalest Sounding*

Contours
-26
-25
-24
-23
-22

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.

SOUNDING FOR THE CHANNEL MEASURED WITH MULTIBEAM ECHOSOUNDER AND ARE SHOWN TO THE NEAREST TENTH 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 GUAGES 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

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

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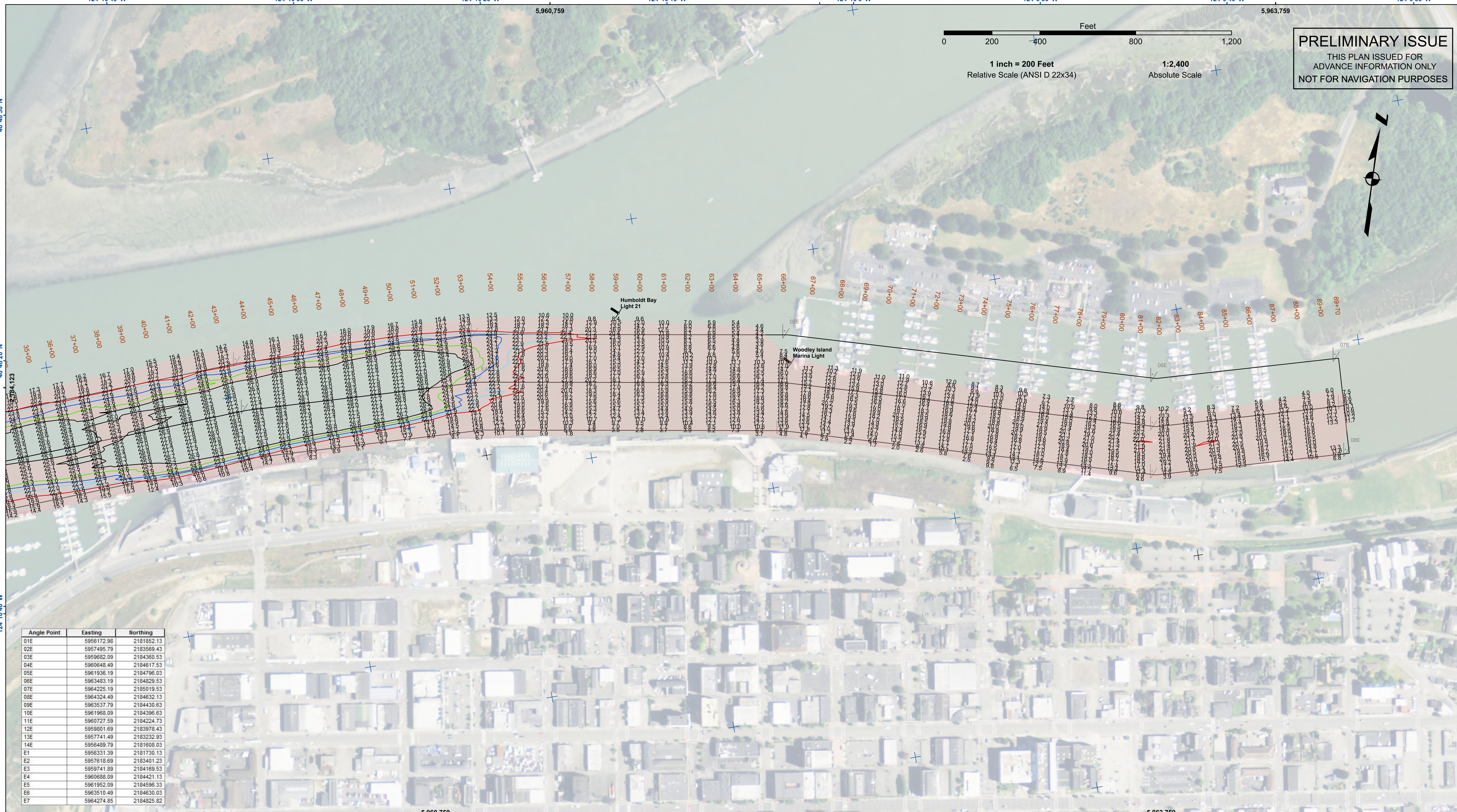
Chart Date: Apr 21, 2026
Surveyed By:
Designed by:
Plotted By: PDT
Drawn by: PDT
Checked By: PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT. COLONEL, C.E., DISTRICT ENGINEER

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

HUMBOLDT COUNTY | CALIFORNIA

HUMBOLDT BAY EUREKA CHANNEL CONDITION SURVEY
15-16 APRIL 2026



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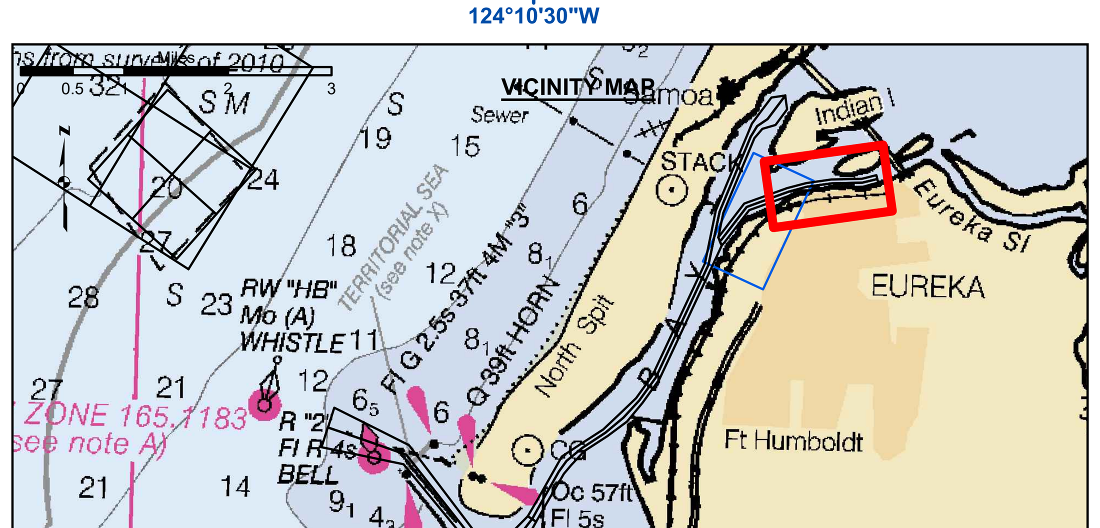

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CALIFORNIA
HUMBOLDT COUNTY

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