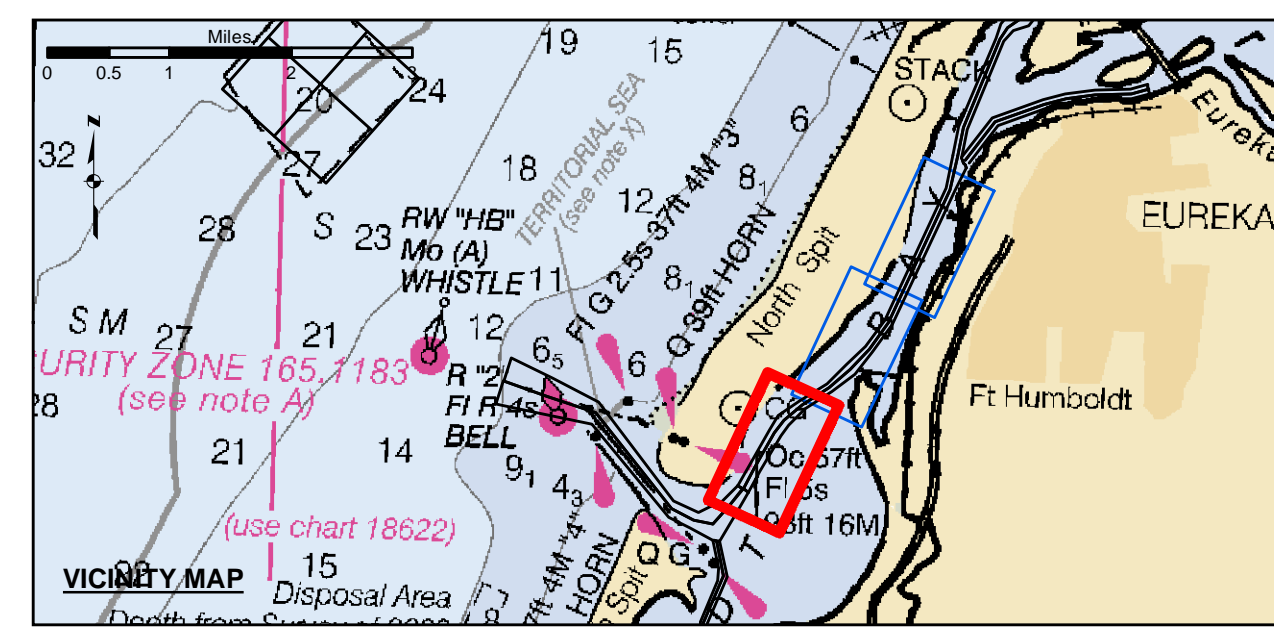


Angle Point	Easting	Northing
06	5945167.02	2166658.81
07	5945752.39	2166911.73
08	5946464.09	2167631.33
09	5946953.59	2168479.53
10	5947831.59	2170042.13
11	5948193.09	2170679.33
12	5949124.59	2171267.03
13	5950306.09	2172059.13
14	5951141.79	2172853.23
15	5951976.39	2173648.23
16	5952816.79	2174408.43
17	5953484.79	2175020.43
18	5954165.80	2175614.62
19	5954868.68	2176192.64
20	5955586.99	2176754.43
21	59563163.09	2177301.23
22	59570300.39	2177841.53
23	59577516.79	2178374.53
24	59584726.69	2178891.13
25	59591934.09	2179392.03
26	59599137.79	2179877.13
27	59606337.09	2180346.43
28	59613531.59	2180799.93
29	59620721.09	2181237.63
30	59627905.59	2181659.53
31	59635085.09	2182065.63
32	59642259.59	2182455.93
33	59649429.09	2182830.43
34	59656593.59	2183189.13
35	59663753.09	2183532.03
36	59670907.59	2183859.13
37	59678057.09	2184171.43
38	59685201.59	2184468.93
39	59692341.09	2184751.63
40	59699475.59	2185019.53
C07	59706605.09	2185272.63
C08	59713729.59	2185510.13
C09	59720849.09	2185732.03
C10	59727963.59	2185939.13
C11	59735073.09	2186131.43
C12	59742177.59	2186308.93
C13	59749277.09	2186471.63
C14	59756371.59	2186619.53
C15	59763461.09	2186752.63
C16	59770545.59	2186870.13
C17	59777625.09	2186973.03

US Army Corps of Engineers
 San Francisco District
 1455 Market Street
 San Francisco, CA 94103

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Prepared Under the Direction of JOHN D. CUNNINGHAM LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: May 26, 2020
Submitted: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Checked by: PDT
Approved: Chief, Construction Branch	Drawn by: PDT



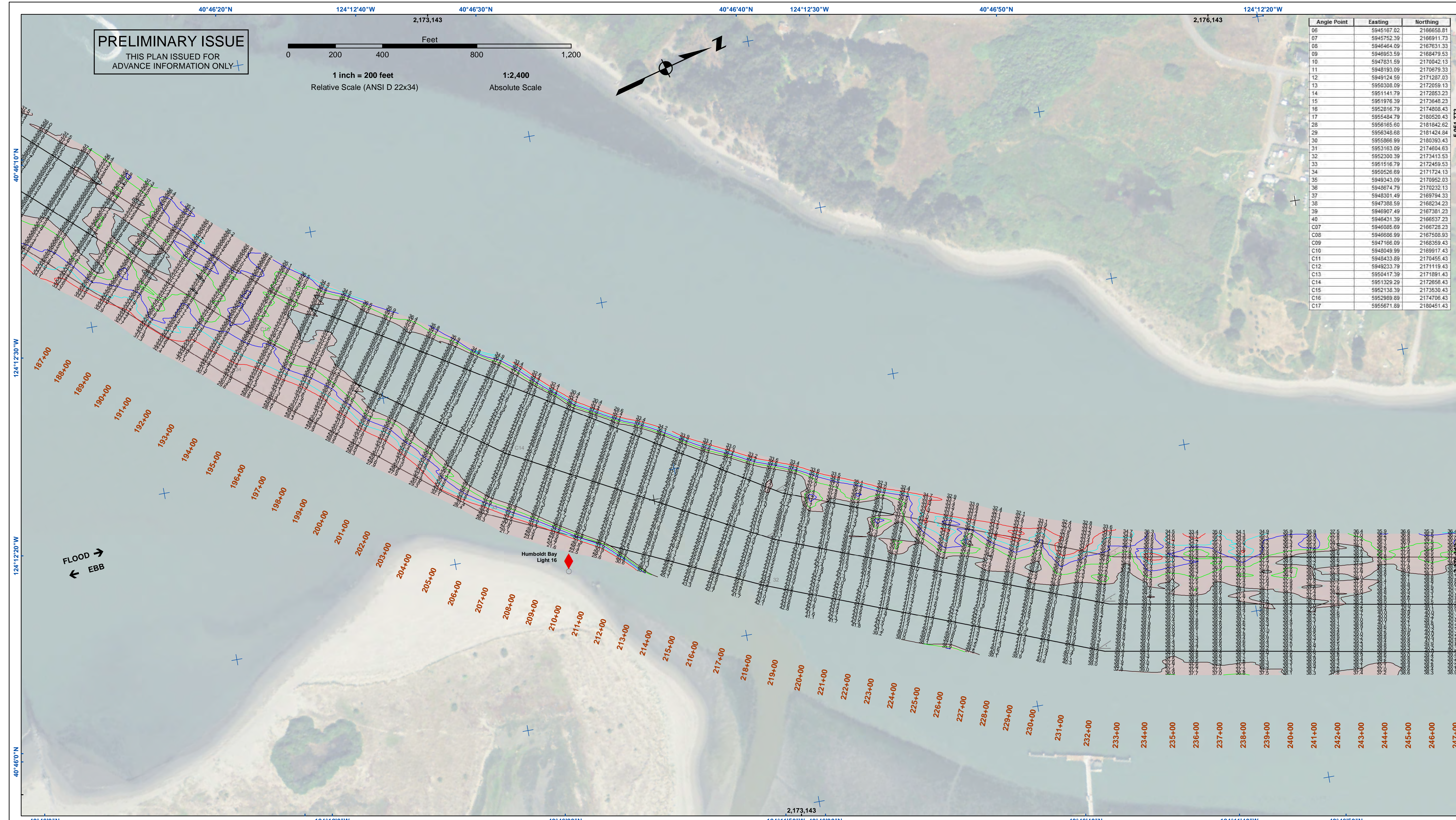
- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point
- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding*
- Contours**
- 38
- 37
- 36
- 35
- 34

NOTES:
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 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, SAMOIA 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 & SOMOIA CHANNELS - B.M. NO. 4 (1906) ELEV. 33.61' M.L.L.W.
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 FIELDS LANDING CHANNEL - B.M. NO. 5 (1925) ELEV. 8.52' M.L.L.W.

HUMBOLDT COUNTY
**HUMBOLDT BAY
 NORTH BAY CHANNEL
 POST-DREDGE SURVEY
 19-20 MAY 2020**

**Sheet
 Reference
 Number
 1 of 3**

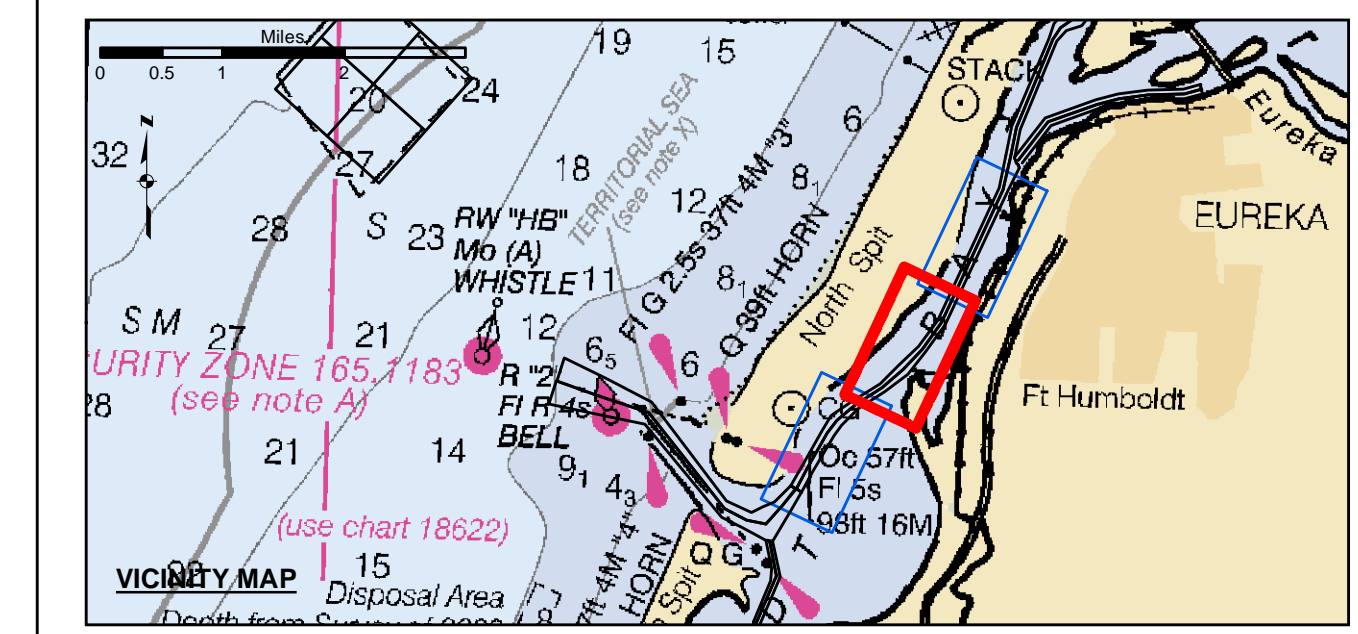


Angle Point	Easting	Northing
06	5945167.02	2166658.81
07	5945752.39	2166911.73
08	5946464.09	2167631.33
09	5946953.59	2168479.53
10	5947831.59	2170042.13
11	5948193.09	2170679.33
12	5949124.59	2171267.03
13	5950306.09	2172059.13
14	5951141.79	2172853.23
15	5951976.39	2173648.23
16	5952816.79	2174408.43
17	5953484.79	2175204.43
18	5954165.00	2176042.62
19	5954868.68	2176924.64
20	5955586.99	2177843.43
21	59563163.09	2178804.63
22	5957000.39	2179813.53
23	5957676.79	2180869.53
24	5958352.69	2181972.13
25	5959028.09	2183122.03
26	5959703.49	2184319.33
27	5960378.89	2185564.23
28	5961054.29	2186856.73
29	5961729.69	2188197.03
30	5962405.09	2189585.13
31	5963080.49	2191020.03
32	5963755.89	2192501.73
33	5964431.29	2194030.23
34	5965106.69	2195606.53
35	5965782.09	2197230.63
36	5966457.49	2198902.53
37	5967132.89	2199622.23
38	5967808.29	2200389.73
39	5968483.69	2201205.03
40	5969159.09	2202069.13
C07	5969834.49	2202982.23
C08	5970509.89	2203944.33
C09	5971185.29	2204955.43
C10	5971860.69	2206016.53
C11	5972536.09	2207127.63
C12	5973211.49	2208288.73
C13	5973886.89	2209499.83
C14	5974562.29	2210760.93
C15	5975237.69	2212072.03
C16	5975913.09	2213433.13
C17	5976588.49	2214844.23

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY

Scale: 1 inch = 200 feet
Relative Scale (ANSI D 22x34)
Absolute Scale: 1:2,400

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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		

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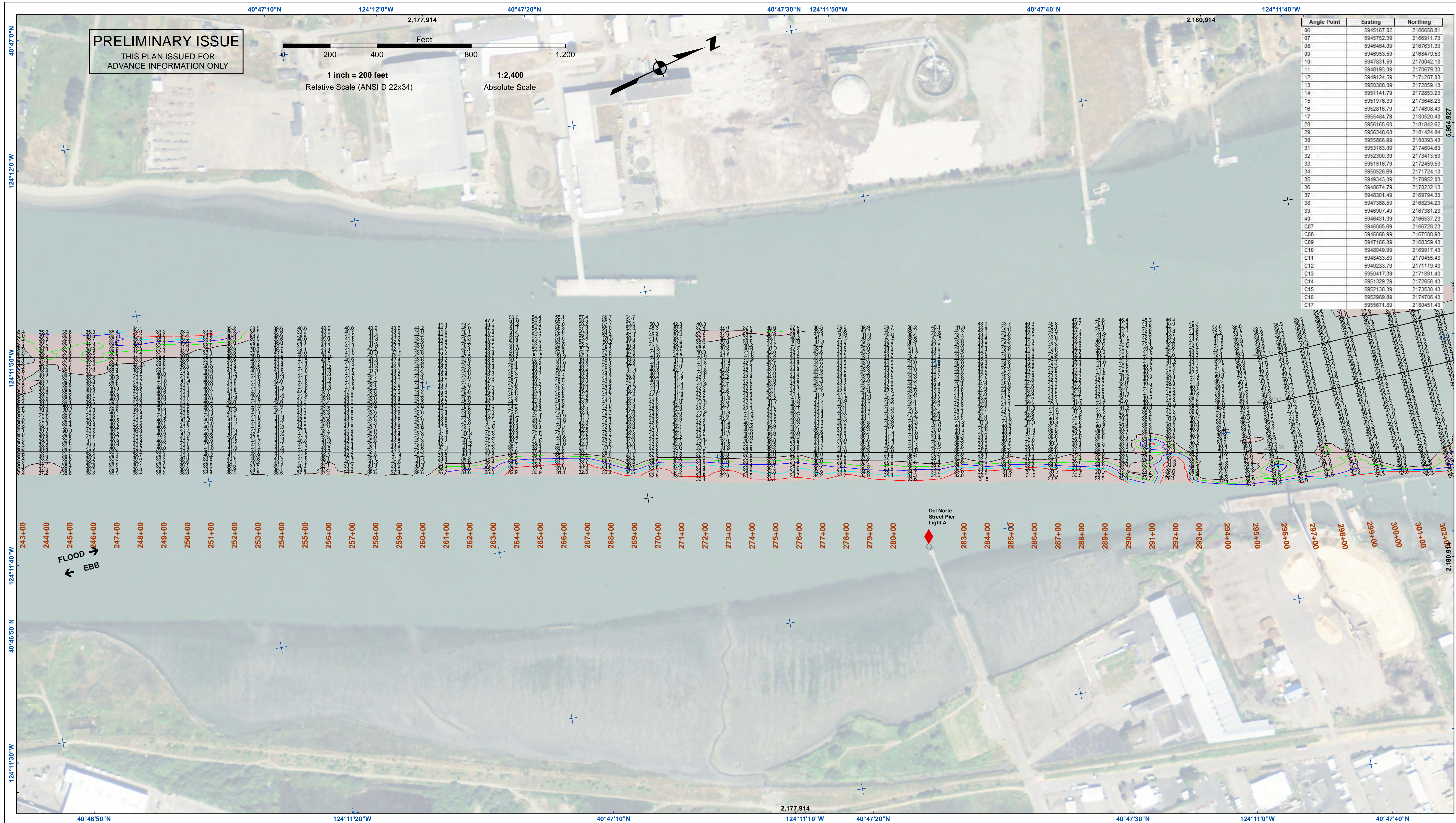
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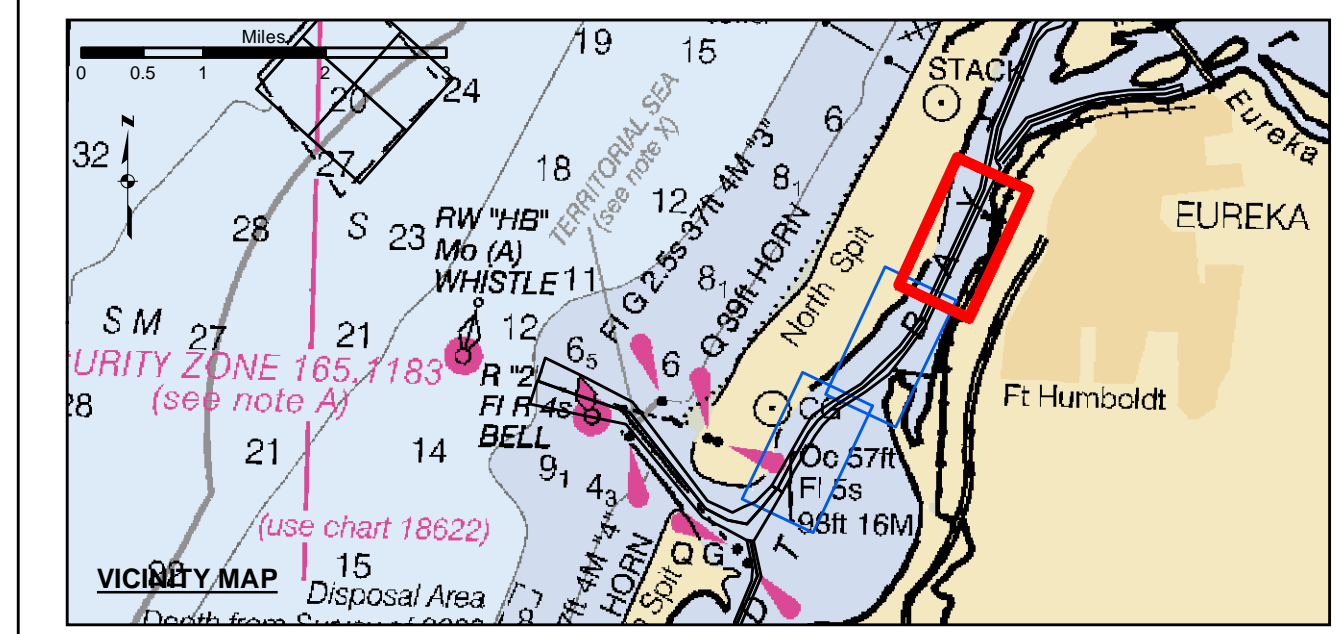
Prepared Under the Direction of:	Chart Date:
JOHN D. CUNNINGHAM	May 26, 2020
LT Colonel, C.E., District Engineer	Designed by:
Hydro Survey Team Leader	PDT
Chief, Hydro Survey Section	Checked by:
Chief, Construction Branch	PDT
	Drawn by:
	PDT

HUMBOLDT COUNTY
HUMBOLDT BAY
NORTH BAY CHANNEL
POST-DREDGE SURVEY
19-20 MAY 2020

Sheet Reference Number 2 of 3



Angle Point	Easting	Northing
06	5945167.02	2166658.81
07	5945752.39	2166911.73
08	5946464.09	2167631.33
09	5946953.59	2168479.53
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17	5953484.79	2175204.43
28	595165.60	2161842.62
29	5956348.68	2161424.64
30	5955866.99	2160393.43
31	5953163.09	2174604.63
32	5952300.39	2173413.53
33	5951516.79	2172459.53
34	5950526.69	2171724.13
35	5949343.09	2170952.03
36	5948674.79	2170232.13
37	5948301.49	2169794.33
38	5947388.59	2168234.23
39	5946907.49	2167381.23
40	5946431.39	2166537.23
C07	5946085.69	2166728.23
C08	5946686.99	2167508.93
C09	5947166.09	2168359.43
C10	5948049.99	2169917.43
C11	5948433.69	2170455.43
C12	5949233.79	2171119.43
C13	5950417.39	2171891.43
C14	5951329.29	2172858.43
C15	5952138.39	2173530.43
C16	5952989.69	2174706.43
C17	5955671.69	2180451.43



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Shoaling Area	Obstruction Point	-38
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Prepared Under the Direction of JOHN D. CUNNINGHAM LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: May 26, 2020
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

HUMBOLDT COUNTY CALIFORNIA

**HUMBOLDT BAY
NORTH BAY CHANNEL
POST-DREDGE SURVEY
19-20 MAY 2020**

**Sheet Reference
Number
3 of 3**