

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	2171287.03
13	5950308.09	2172059.13
14	5951141.79	2172853.23
15	5951976.39	2173648.23
16	5952816.79	2174408.43
17	5953484.79	2175204.43
28	5956165.00	2181942.62
29	5956348.68	2181424.64
30	5955866.99	2180393.43
31	5953163.09	2174604.43
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	5949433.69	2170455.43
C12	5949233.79	2171119.43
C13	5950417.39	2171891.43
C14	5951329.29	2172858.43
C15	5952138.39	2173530.43
C16	5952989.89	2174706.43
C17	5953571.69	2180451.43

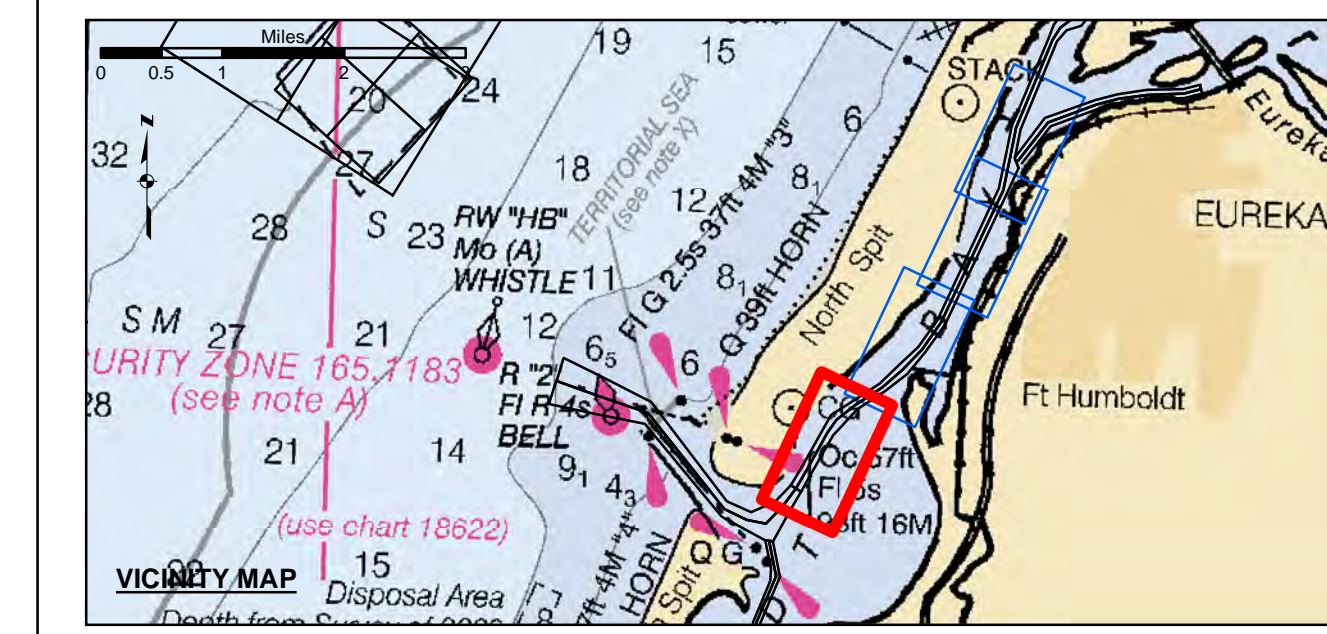
**US Army Corps of Engineers**  
 San Francisco District  
 450 Golden Gate Ave  
 San Francisco, CA 94102

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Prepared Under the Direction of	Chart Date	June 05, 2023
LT COLONEL C.E. DISTRICT ENGINEER	Designed by:	PDT
Subproject: Hydro Survey Team Leader	Plotted by:	PDT
Recommendation: Chief, Hydro Survey Section	Checked by:	PDT
Approved: Chief, Construction Branch	Drawn by:	PDT

CALIFORNIA  
 HUMBOLDT COUNTY  
 HUMBOLDT BAY  
 NORTH BAY CHANNEL  
 PROGRESS SURVEY  
 17 MAY 2023

**Sheet Reference Number 1 of 4**



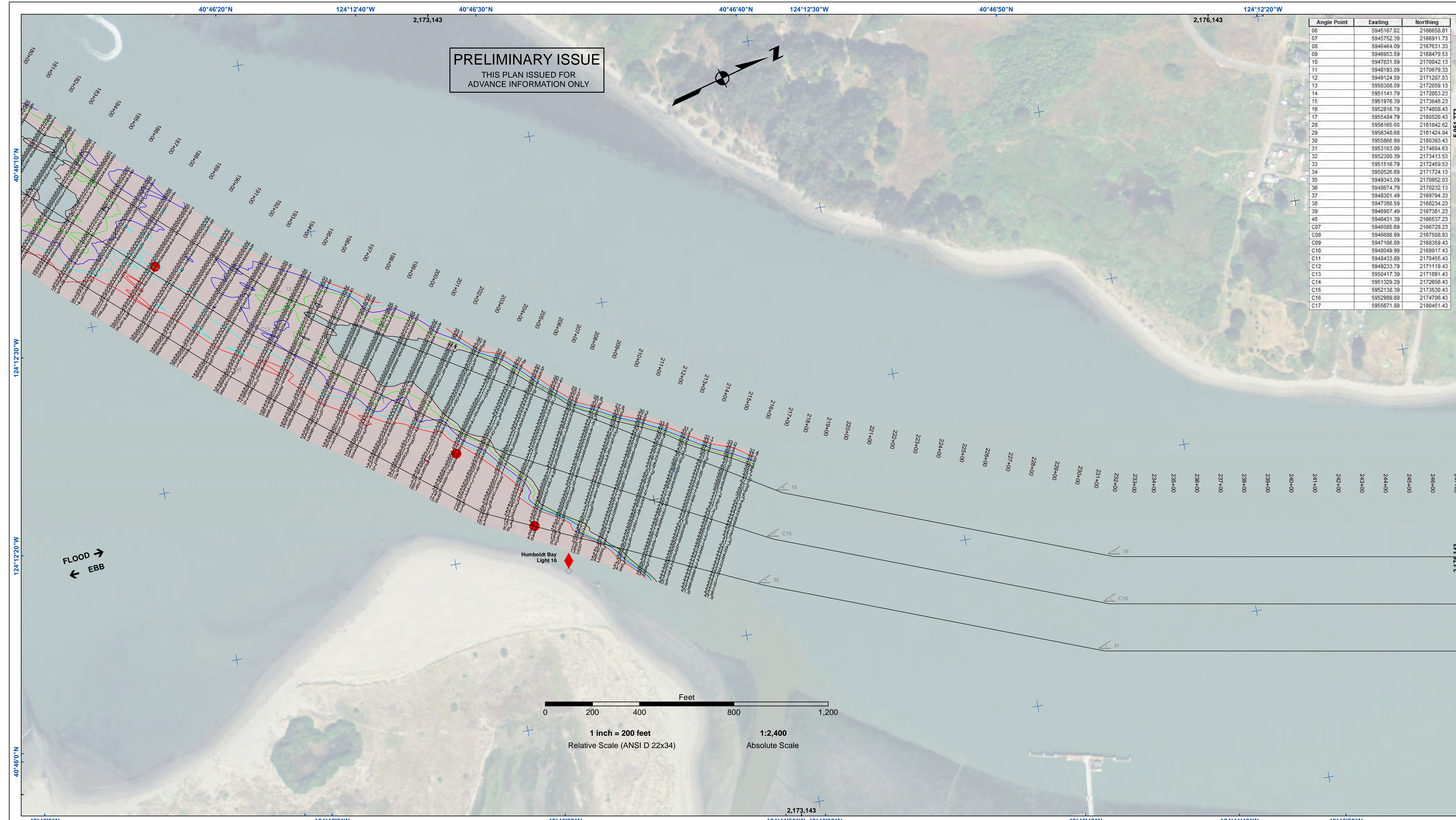
- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point
- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding\*
- Contours**
- 38
- 37
- 36
- 35
- 34

**NOTES:**  
 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 TO THE NEAREST TENTH FOOT.  
 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 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

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 & SOMOIA 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.



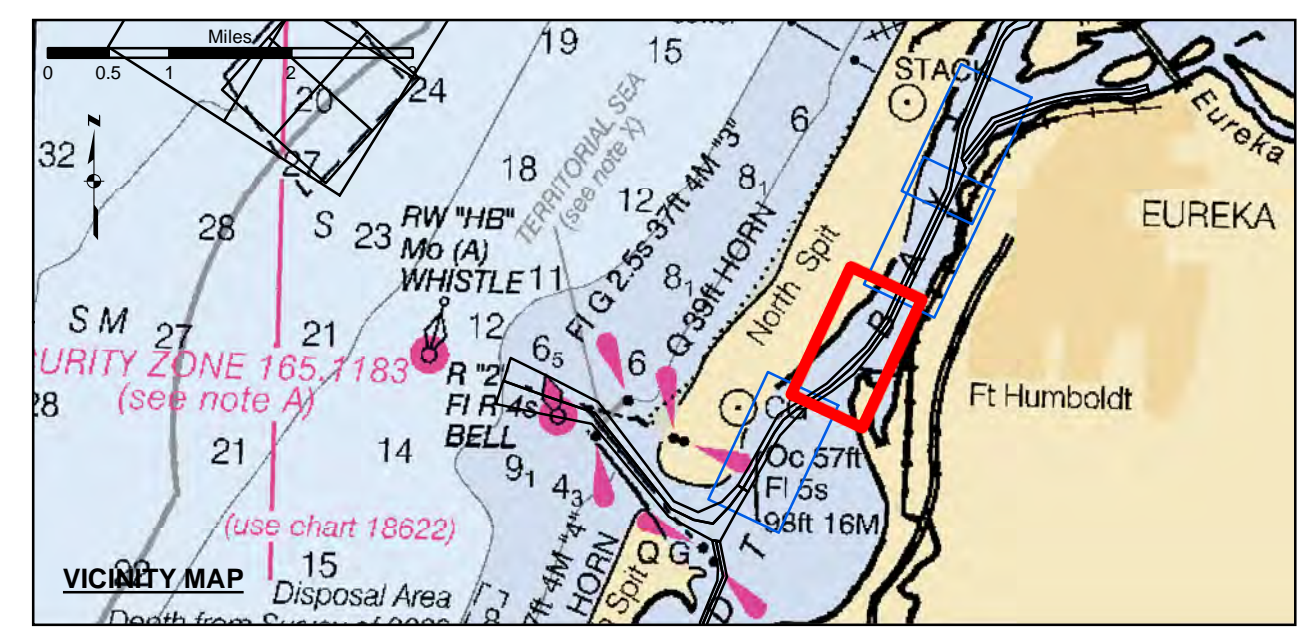
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Chart Date: Jun	Designed by: PDT	Drawn by: PDT
Surveyed By: KEVIN P. ARNETT	Plotted By: PDT	Checked By: PDT
Subject: Hydro Survey Team Leader	Recommender: Chief, Hydro Survey Section	Approver: Chief, Construction Branch

CALIFORNIA  
 HUMBOLDT COUNTY  
 HUMBOLDT BAY  
 NORTHBAY CHANNEL  
 PROGRESS SURVEY  
 17 MAY 2023



Federal Navigation Channel	Beacon, General	<b>Contours</b>
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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