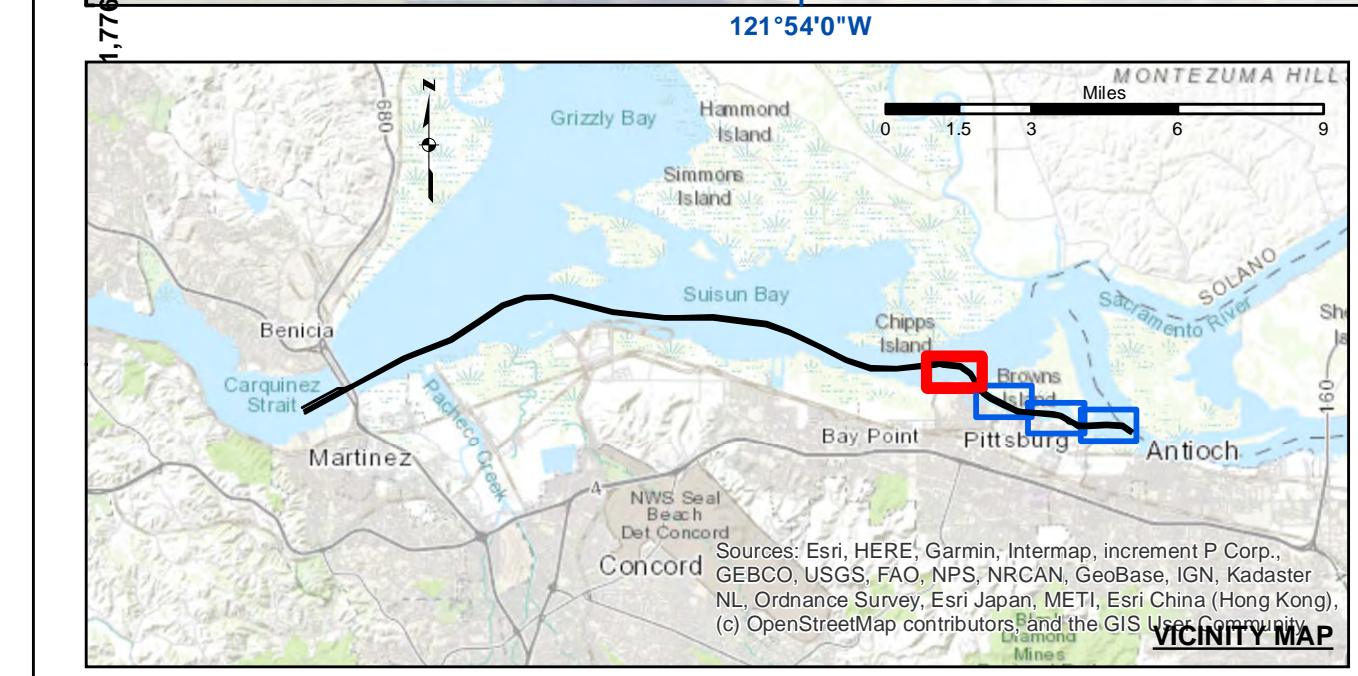


Angle Point	Easting	Northing
01	6522251.24	1773544.02
01-A	6522058.94	1773894.77
02	6526638.33	1775949.19
02-A	6525876.51	1775995.5
03	6526814.71	1776043.48
04	6527523.96	1776423.75
05	6532628.85	1779160.81
06	6533058.01	1779418.58
07	6534097.47	1779856.02
08	6538142.48	1781404.93
09	6541140.44	1783407.77
10	6543746.5	1785148.8
11	6546257.51	1786900.74
12	6549181.52	1788690.68
13	6555384.18	1794554.99
14	6555800.55	1794452.57
15	6561371.57	1783800.48
16	6563022.2	1783177.72
17	6566831.6	1783855.42
18	6570705.41	1783336.79
19	6572444.64	1783115.37
20	6574974.06	1782266.36
21	6578022.73	1780780.8
22	6581155.52	1779254.25
23	6583747.56	1778351.3
24	6585358.69	1778330.5
25	6586492.14	1778315.87
26	6590754.42	1778766.38
27	6591256.1	1778845.54
28	6591599.01	1778800.33
29	6593537.77	1778544.71
30	6594899.78	1777747.44
31	6595729.72	1776115.57
32	6596208.21	1775521.7
33	6596546.81	1775104.81
34	6598023.91	1774462.21
35	6599256.55	1773901.57
36	6599759.13	1773700.06
37	6600293.83	1773614.79
38	6603558.93	1773364.99
39	6604408.52	1773200.93
40	6605166.76	1772783.99
41	6605493.42	1772571.98
42	6605686.48	1772482.32
43	6606339.33	1772133.75
44	6607329.74	1772075.69
45	6609314.54	1772257.76
46	6611103.07	1772096.82
47	6612148.35	1771412.18

Angle Point	Easting	Northing
48	6611928.32	1771078.24
49	6610969.28	1771713.82
50	6609351.08	1771859.43
51	6607368.28	1771677.36
52	6606234.39	1771743.72
53	6605548.71	1772090.55
54	6605222.02	1772254.31
55	6604935.26	1772457.79
56	6604271.82	1772822.6
57	6603528.42	1772966.17
58	6602933.32	1773215.96
59	6599652.22	1773313.41
60	6599077.86	1773543.71
61	6598135.33	1774014.34
62	6598668.12	1774746.95
63	6598938.27	1775223.39
64	6598391.45	1775902.1
65	6594404.78	1777464.31
66	6593391.34	1778160.67
67	6591480.44	1778412.52
68	6591255.17	1778442.21
69	6590791.21	1778418.32
70	6586528.94	177967.81
71	6585297.54	177983.71
72	6583688.58	1778004.51
73	6581002.2	1778939.63
74	6577859.51	1780422.27
75	6574841.16	1781841.76
76	6572368.09	178272.55
77	6570644.56	1782991.71
78	6568611.24	1783505.19
79	6562960.36	1783467.06
80	6561352.98	1783500.27
81	6555738.17	1784107.49
82	6555323.24	1784209.4
83	6549136.2	1785728.94
84	6546319.67	1785613
85	6543900.48	1784830.75
86	6541295.27	1783090.31
87	6538304.13	1781092.05
88	6534227.97	1779531.21
89	6533218.72	1779102.27
90	6532770.08	1778896.24
91	6527855.58	1778153.9
92	6526956.17	1775778.89
93	6522395.41	1773280.93



	Federal Navigation Channel		Beacon, General	<b>Contours</b>
	Shoaling Area		Obstruction Point	
	Placement Area		Navigation Buoy	
	Anchorage Area		Navigation Buoy	
	Wreck Area		Navigation Buoy	
	Submerged Wreck		Shoalest Sounding*	
	Angle Point			

NOTES:

HORIZONTAL COORDINATE SYSTEM: NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE II. DISTANCE UNITS IN U.S. SURVEY FEET.

VERTICAL DATUM: SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MEAN LOWER LOW WATER.

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\*SHOALEST SOUNDING PER QUARTER PER REACH

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SURVEYED BY THE CORPS OF ENGINEERS.

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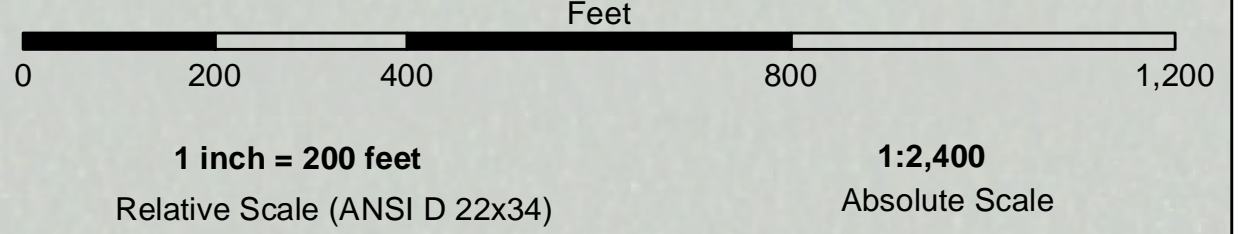
THE PROJECT DEPTH IS 35 FEET.

VERTICAL CONTROL: SUISUN BAY CHANNEL (LINES 00+00 TO 160+00) BENCHMARK "9" (1948), USC&GS DISK ELEV 14.875 FT MLLW, TIDE GAUGE LOCATED AT PORT OF BENICIA DOCK.

(LINES 150+00 TO 500+00) BENCHMARK "5144-P" (1990 RESET 1997), USC&GS DISK, ELEV 11.83 FT MLLW.

(LINES 660+00 TO 733+45) BENCHMARK "5096-B", USC&GS DISK, ELEV 21.76 FT MLLW, TIDE GAUGE LOCATED AT DIABLO SERVICE DOCK.

HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON



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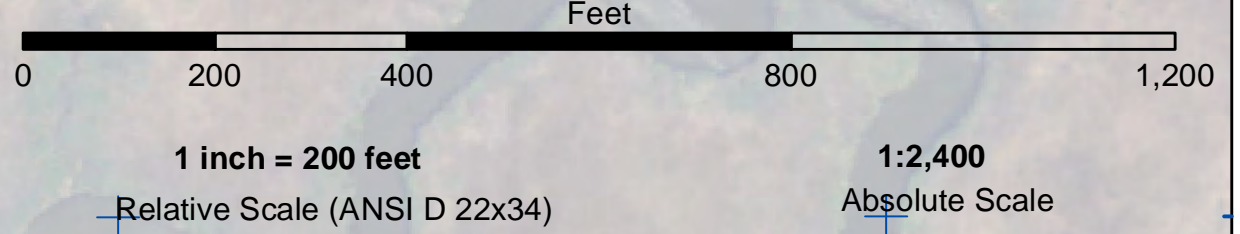
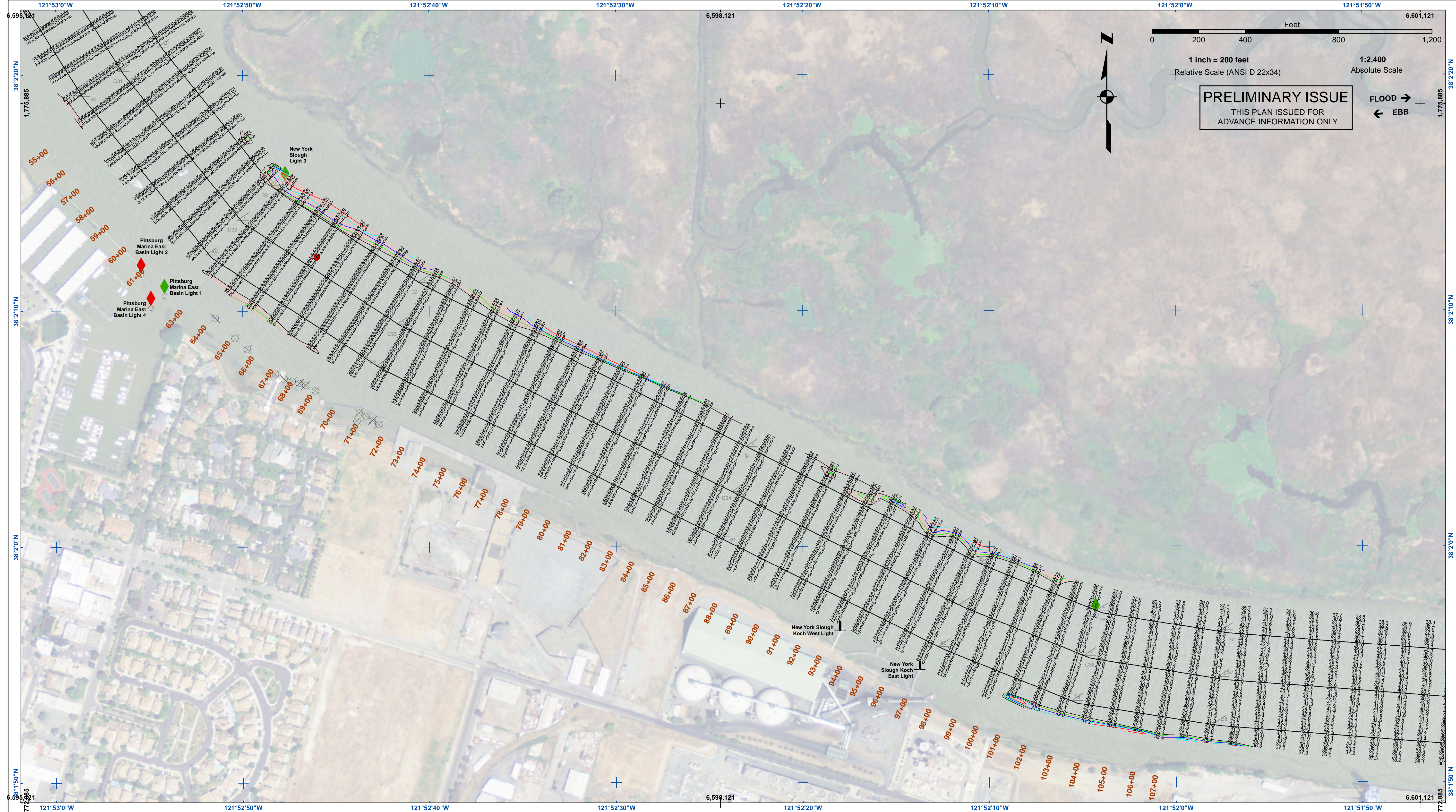


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Prepared Under the Direction of	Chart Date:	Jan 30, 2023
LT COLONEL P. ARNETT	Designed by:	PDT
Hydro Survey Team Leader	Plotted by:	PDT
Chief, Hydro Survey Section	Checked by:	PDT
Chief, Construction Branch	Drawn by:	PDT

CALIFORNIA  
CONTRA COSTA COUNTY  
**SUISUN BAY CHANNEL  
NEW YORK SLOUGH  
CONDITION SURVEY**  
13-17 DECEMBER 2022

**Sheet Reference Number**  
1 of 4

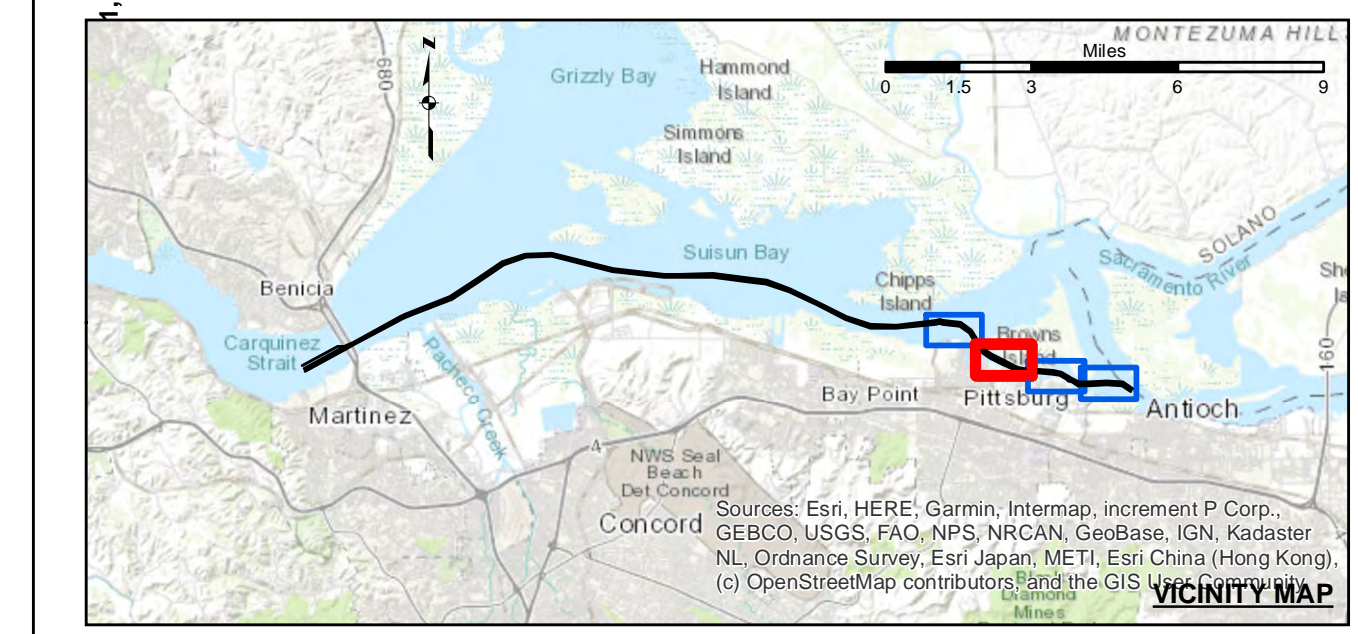


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**US Army Corps of Engineers**  
San Francisco District  
450 Golden Gate Ave.  
San Francisco, CA 94102

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- |  |                            |  |                    |                 |
|--|----------------------------|--|--------------------|-----------------|
|  | Federal Navigation Channel |  | Beacon, General    | <b>Contours</b> |
|  | Shoaling Area              |  | Obstruction Point  |                 |
|  | Placement Area             |  | Navigation Buoy    |                 |
|  | Anchorage Area             |  | Navigation Buoy    |                 |
|  | Wreck Area                 |  | Shoalest Sounding* |                 |
|  | Submerged Wreck            |  |                    |                 |
|  | Angle Point                |  |                    |                 |

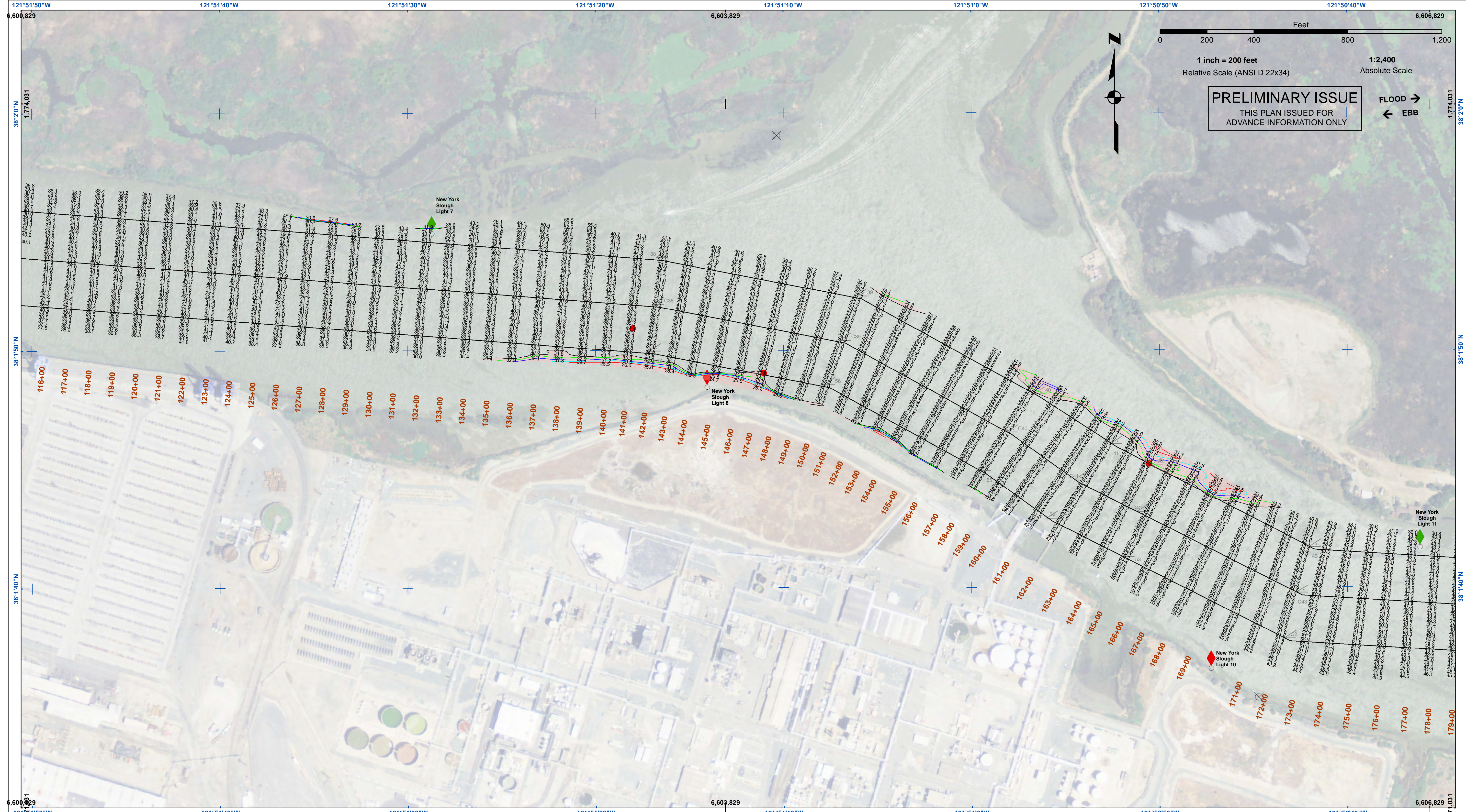
**NOTES:**  
HORIZONTAL COORDINATE SYSTEM:  
NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE II. DISTANCE UNITS IN U.S. SURVEY FEET.  
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(LINES 00+00 TO 160+00) BENCHMARK "9" (1948), USC&GS DISK ELEV 14.875 FT MLLW,  
TIDE GAUGE LOCATED AT PORT OF BENICIA DOCK.  
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TIDE GAUGE LOCATED AT DIABLO SERVICE DOCK.  
HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON

PREPARED UNDER THE DIRECTION OF	Chart Date:	Jan 30, 2023
LT COLONEL C.E. DISTRICT ENGINEER	Designed by:	
Hydro Survey Team Leader	Plotted by:	PDT
Chief, Hydro Survey Section	Checked by:	PDT
Chief, Construction Branch	Drawn by:	PDT

CALIFORNIA  
CONTRA COSTA COUNTY  
**SUISUN BAY CHANNEL  
NEW YORK SLOUGH  
CONDITION SURVEY**  
13-17 DECEMBER 2022

**Sheet  
Number  
2 of 4**



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

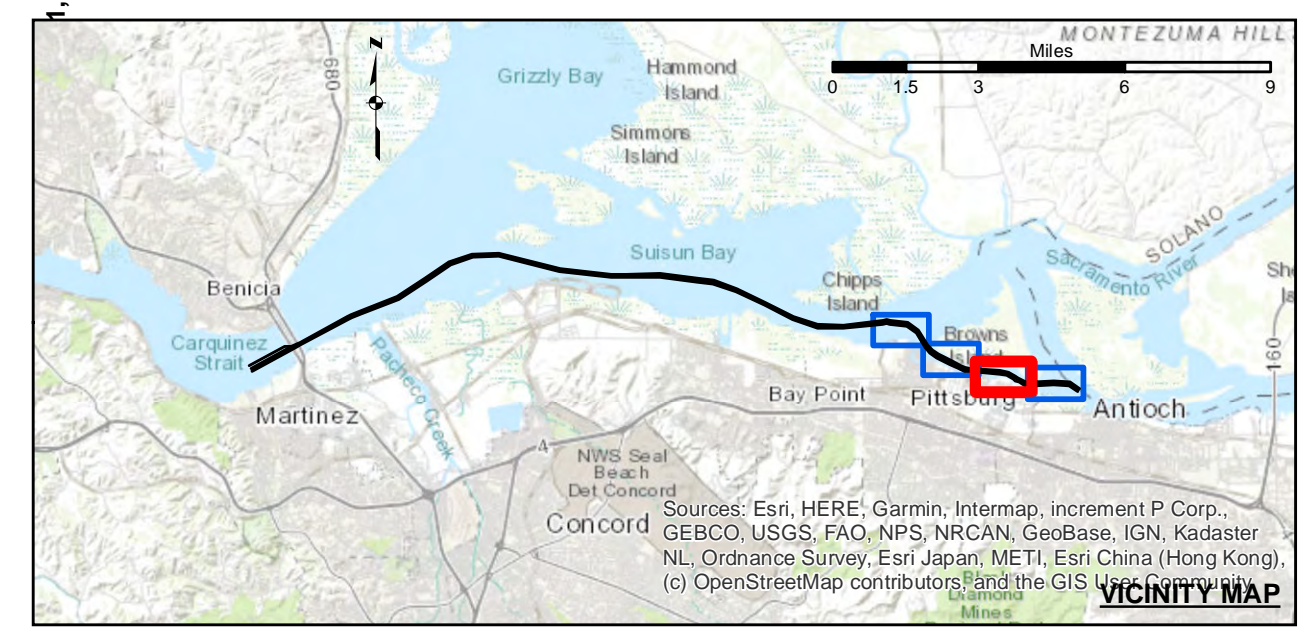
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Chart Date:	Jan 30, 2023
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

CONTRA COSTA COUNTY  
**SUISUN BAY CHANNEL  
 NEW YORK SLOUGH  
 CONDITION SURVEY**  
 13-17 DECEMBER 2022

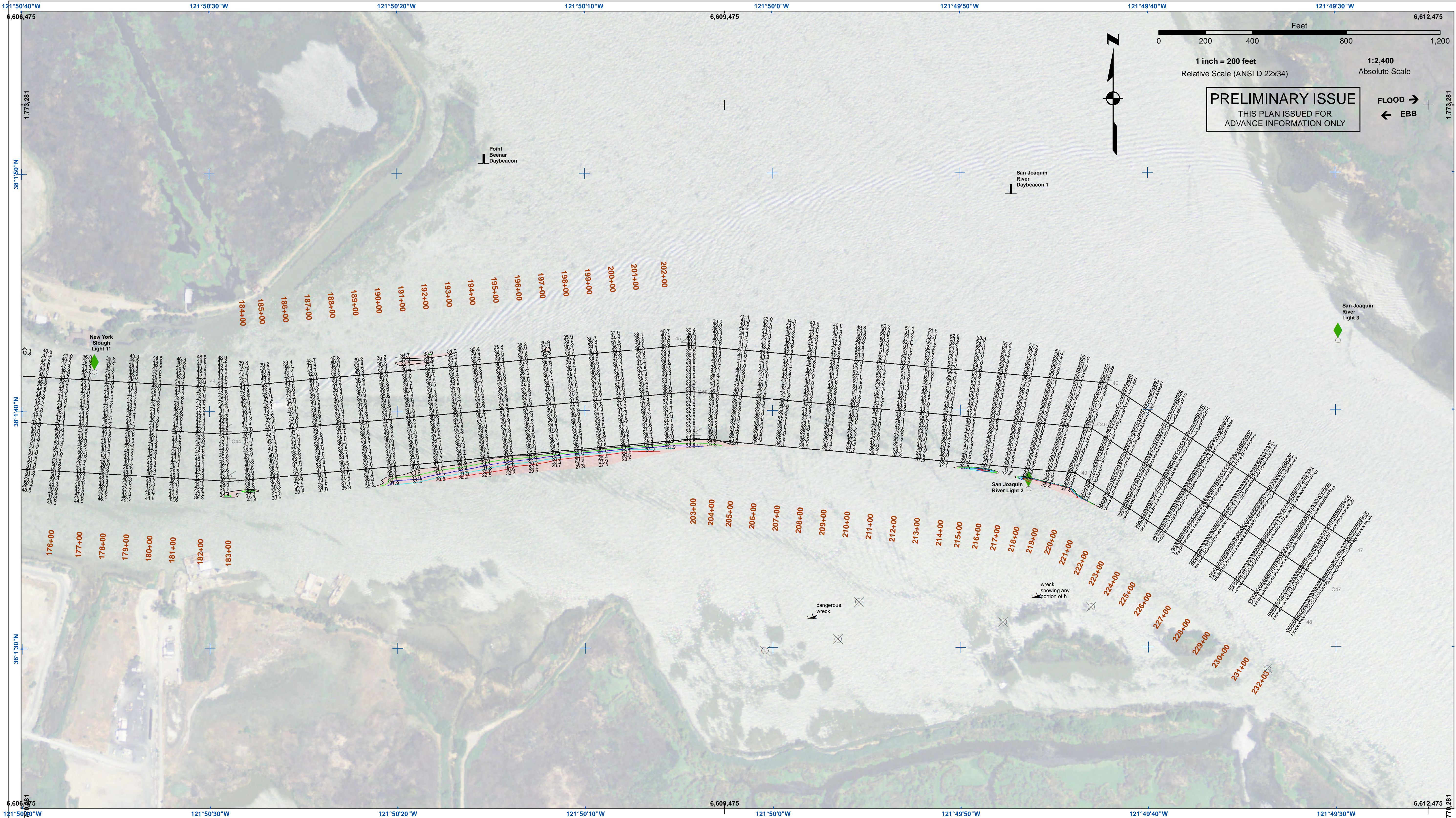


- |                            |                    |                 |
|----------------------------|--------------------|-----------------|
| Federal Navigation Channel | Beacon, General    | <b>Contours</b> |
| Shoaling Area              | Obstruction Point  | -35             |
| Placement Area             | Navigation Buoy    | -34             |
| Anchorage Area             | Navigation Buoy    | -33             |
| Wreck Area                 | Shoalest Sounding* | -32             |
| Submerged Wreck            |                    | -31             |
| Angle Point                |                    |                 |

**NOTES:**  
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 HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON

**Sheet  
 Number  
 3 of 4**



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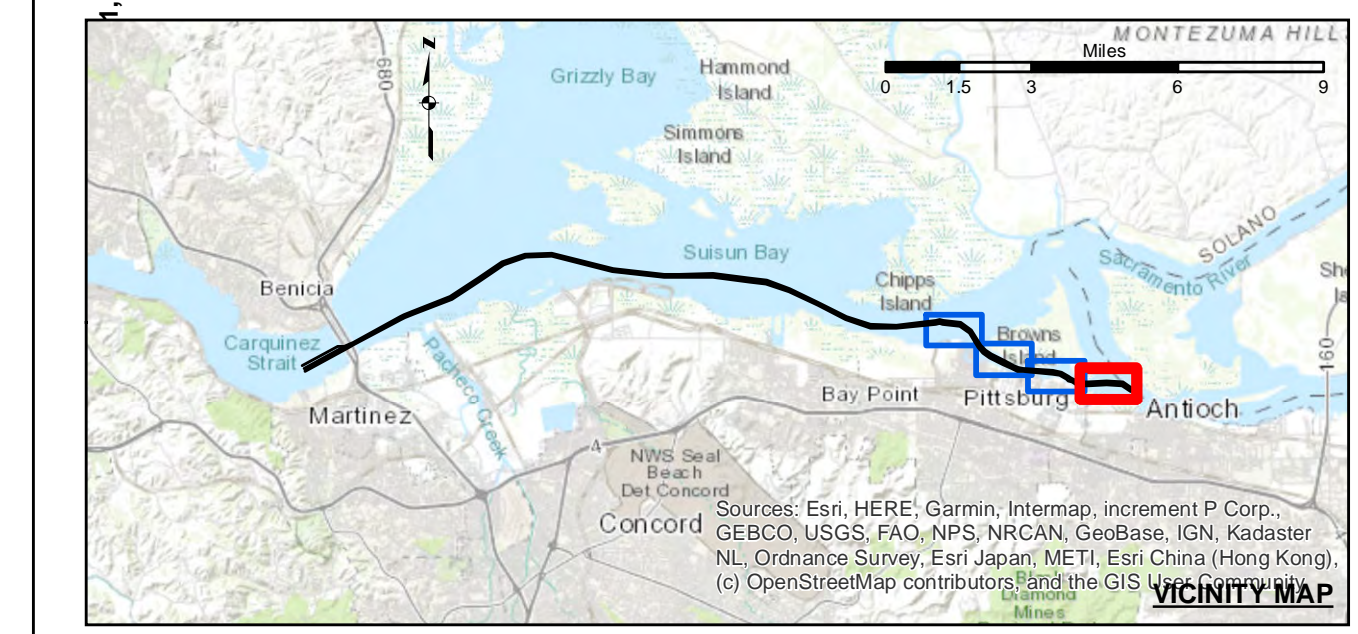
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**← EBB**

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Chart Date:	Jan 30, 2023
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

CONTRA COSTA COUNTY  
**SUISUN BAY CHANNEL**  
**NEW YORK SLOUGH**  
**CONDITION SURVEY**  
 13-17 DECEMBER 2022

**Sheet Number**  
 4 of 4



- |                            |                    |                 |
|----------------------------|--------------------|-----------------|
| Federal Navigation Channel | Beacon, General    | <b>Contours</b> |
| Shoaling Area              | Obstruction Point  | -35             |
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