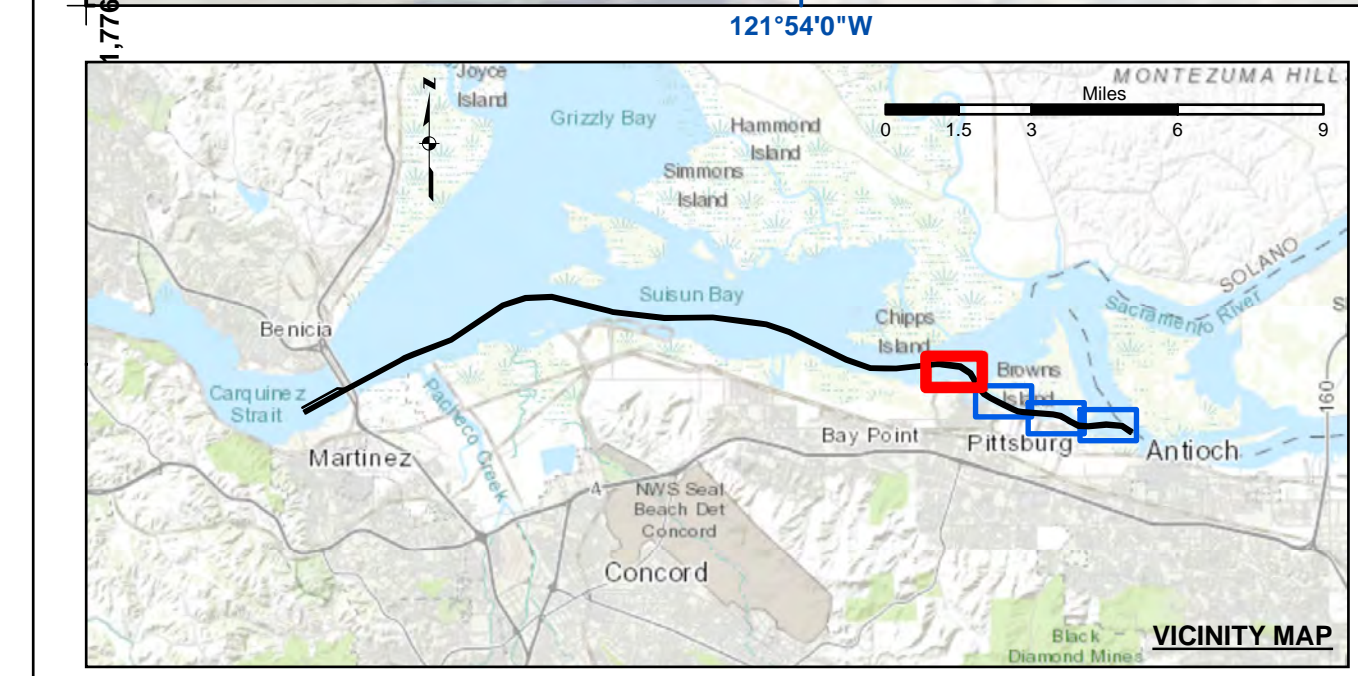


Angle Point	Easting	Northing
01	6522251.24	1773544.02
01-A	6522058.94	1773894.77
02	6526638.33	1775949.19
02-A	6525876.51	1775995.5
03	6526814.71	1776043.48
04	6527523.96	1776423.75
05	6532628.85	1779160.81
06	6533058.01	1779418.58
07	6534097.47	1779856.02
08	6538142.48	1781404.93
09	6541140.44	1783407.77
10	6543746.5	1785148.8
11	6546257.51	1786960.74
12	6549181.52	1788980.86
13	6555384.18	1794554.99
14	6555800.55	1794452.57
15	6561371.57	1793900.48
16	6563022.2	1793817.72
17	6566831.6	1793855.42
18	6570705.41	1793336.79
19	6572444.64	1793115.37
20	6574974.06	1792266.36
21	6576022.73	1790780.8
22	6581155.52	179254.25
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	6596646.81	1775104.81
34	6598023.91	1774402.21
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	6605886.48	1772482.32
43	6606339.33	1772133.75
44	6607329.74	1772075.69
45	6609314.54	1772257.76
46	661103.07	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	1777967.81
71	6585297.54	1777983.71
72	6583686.58	1778004.51
73	6581002.2	1778939.63
74	6577859.51	1780422.27
75	6574841.16	1781941.79
76	6572366.09	178272.55
77	6570644.56	1782991.71
78	6566611.24	1783505.19
79	6562960.36	1783467.06
80	6561352.98	1783450.27
81	655738.17	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	1776153.9
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		Shoalest Sounding*		
	Submerged Wreck				-35
	Angle Point				-34
					-33
					-32
					-31

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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PLANE GRID, BEARING AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, BENCHMARK "5144-P" (1990 RESET 1997), ZONE II NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY NATIONAL OCEANIC SURVEY.

BASE MAPS ARE USDA NAIP 2010.

\*SHOALEST SOUNDING PER QUARTER PER EACH

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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 21.76 FT MLLW, TIDE GAUGE LOCATED AT DIABLO SERVICE DOCK.

HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON



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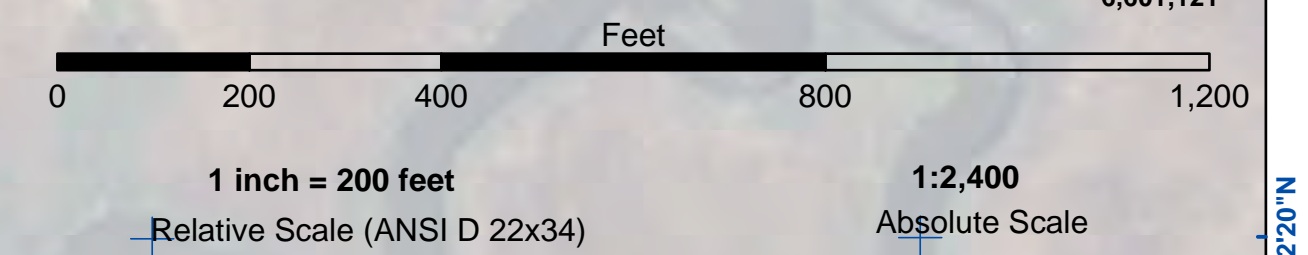
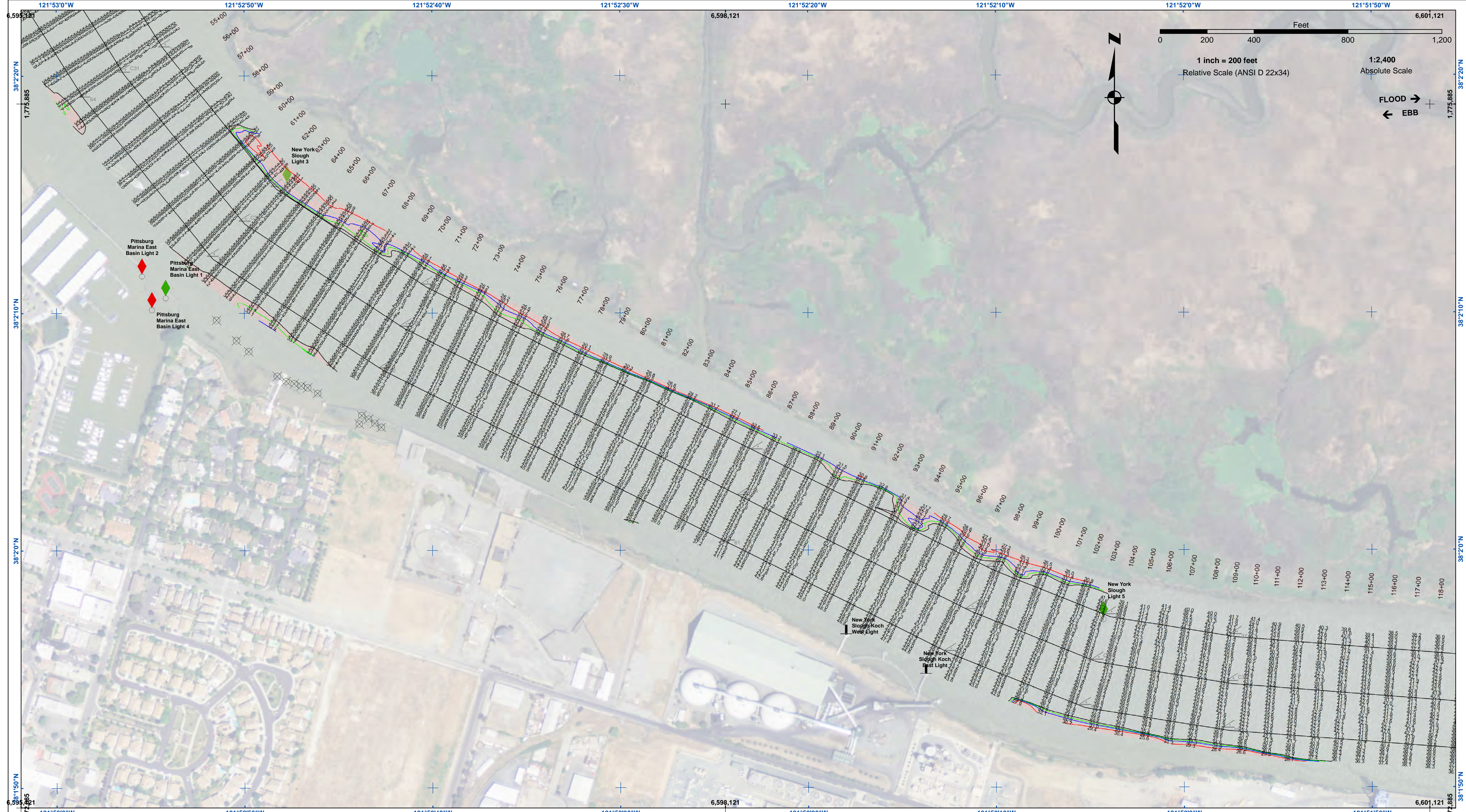
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Chart Date:	Oct 25, 2018
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

CONTRA COSTA COUNTY  
**SUISUN BAY CHANNEL**  
**NEW YORK SLOUGH**  
**POST-DREDGE SURVEY**  
 21-23 OCTOBER 2018

**Sheet Reference Number**  
 1 of 4





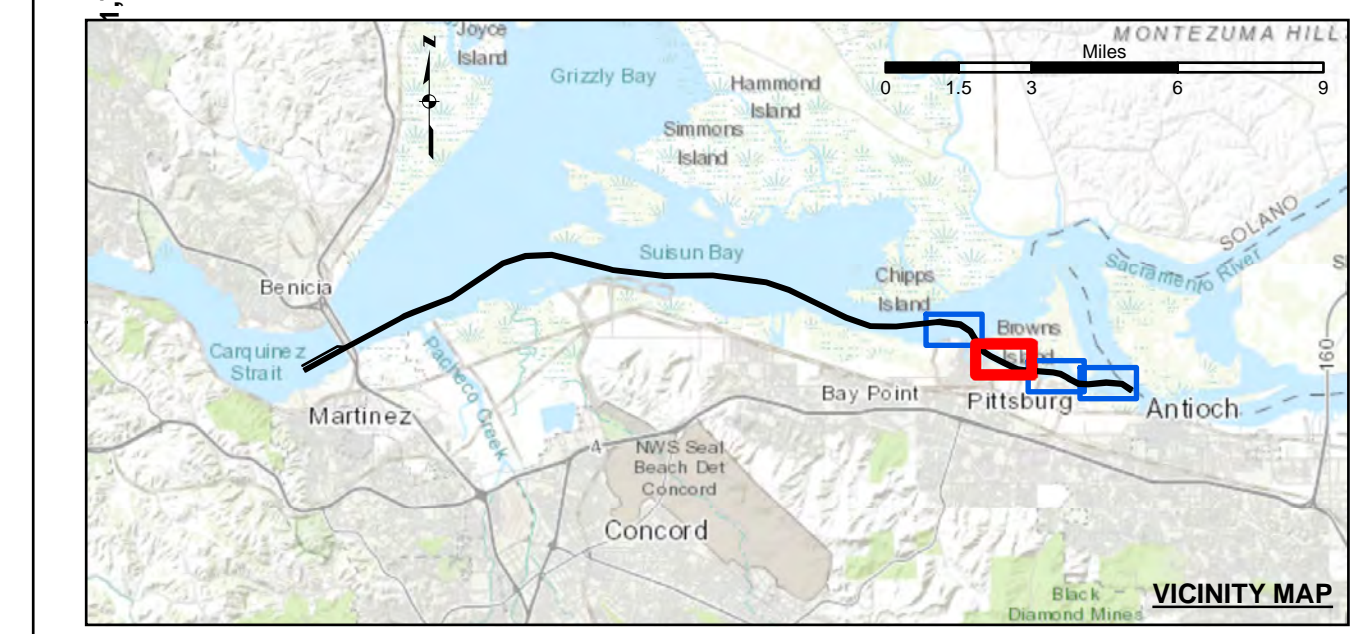
**US Army Corps of Engineers**  
 San Francisco District  
 1455 Market Street  
 San Francisco, CA 94103

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Prepared Under the Direction of	Surveyed By:	Chart Date:
LT COLONEL C.E. DISTRICT ENGINEER	PLATTED BY:	Oct 25, 2018
Subject: Hydro Survey Team Leader	Checked By:	
Recommended: Chief, Hydro Survey Section	Drawn by:	PDT
Approved: Chief, Construction Branch		

CALIFORNIA  
 CONTRA COSTA COUNTY  
**SUISUN BAY CHANNEL**  
**NEW YORK SLOUGH**  
 POST-DREDGE SURVEY  
 21-23 OCTOBER 2018

**Sheet Reference Number**  
 2 of 4

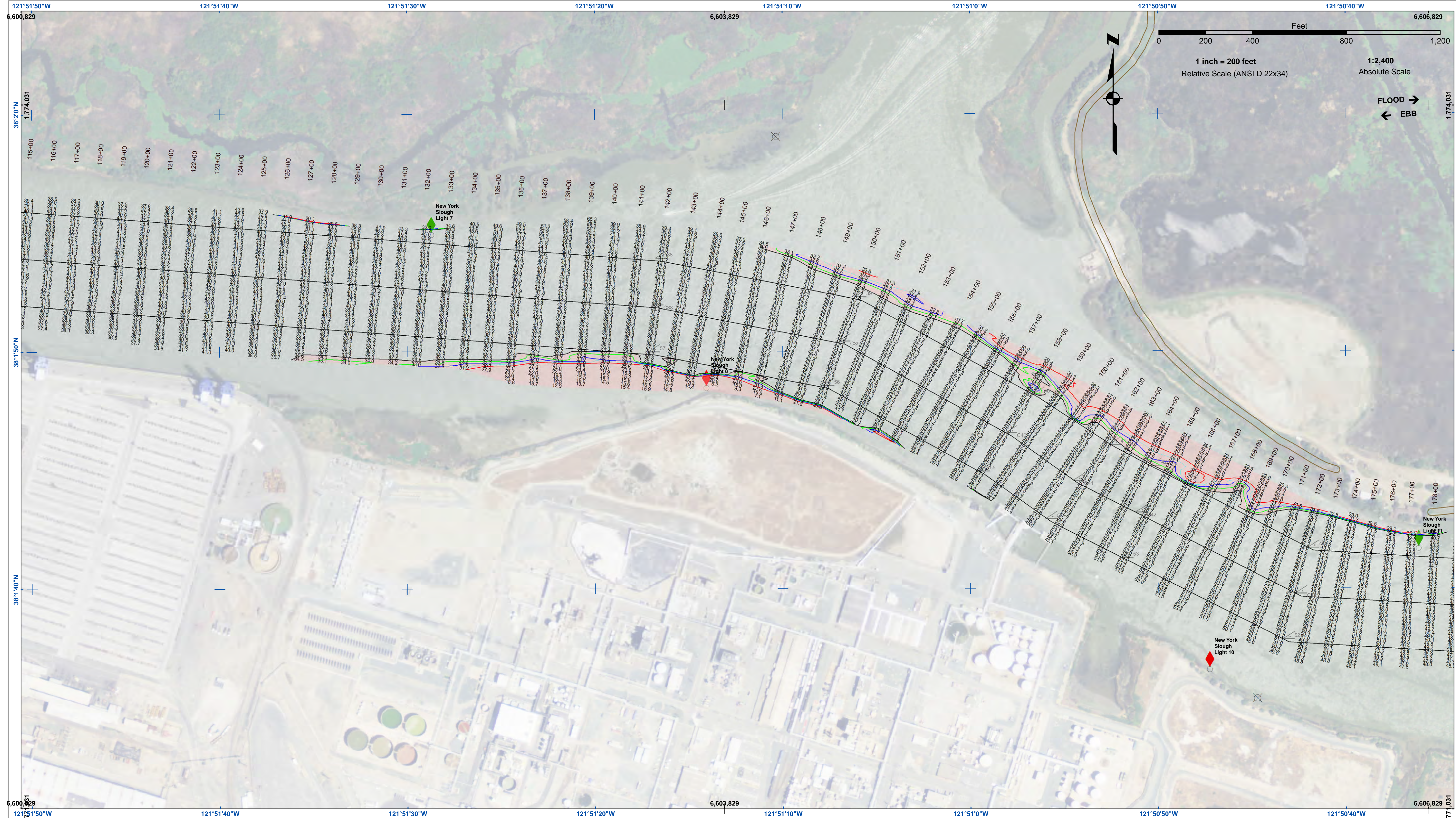


Federal Navigation Channel	Beacon, General	<b>Contours</b>
Shoaling Area	Obstruction Point	-35
Placement Area	Navigation Buoy	-34
Anchorage Area	Navigation Buoy	-33
Wreck Area	Shoalest Sounding*	-32
Submerged Wreck		-31
Angle Point		

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SURVEYED BY THE CORPS OF ENGINEERS.  
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 HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON





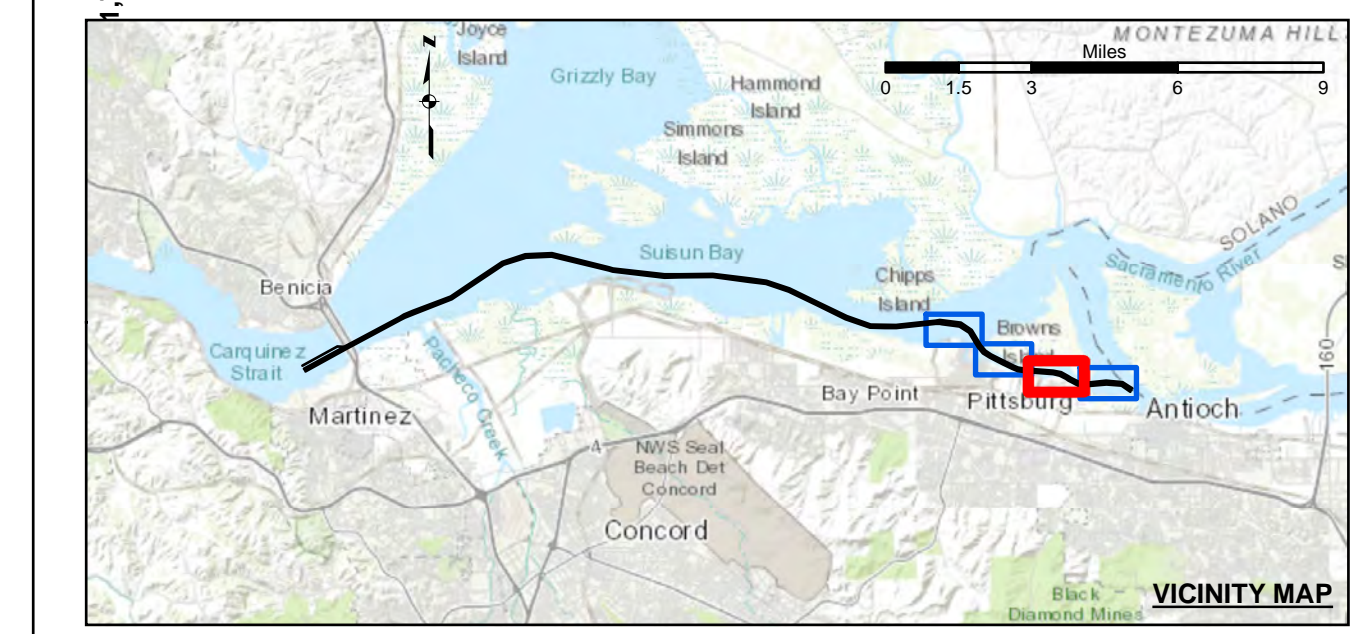
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 San Francisco District  
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Chart Date:	Oct 25, 2018
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

CONTRA COSTA COUNTY  
**SUISUN BAY CHANNEL**  
**NEW YORK SLOUGH**  
**POST-DREDGE SURVEY**  
 21-23 OCTOBER 2018

**Sheet Number**  
 3 of 4

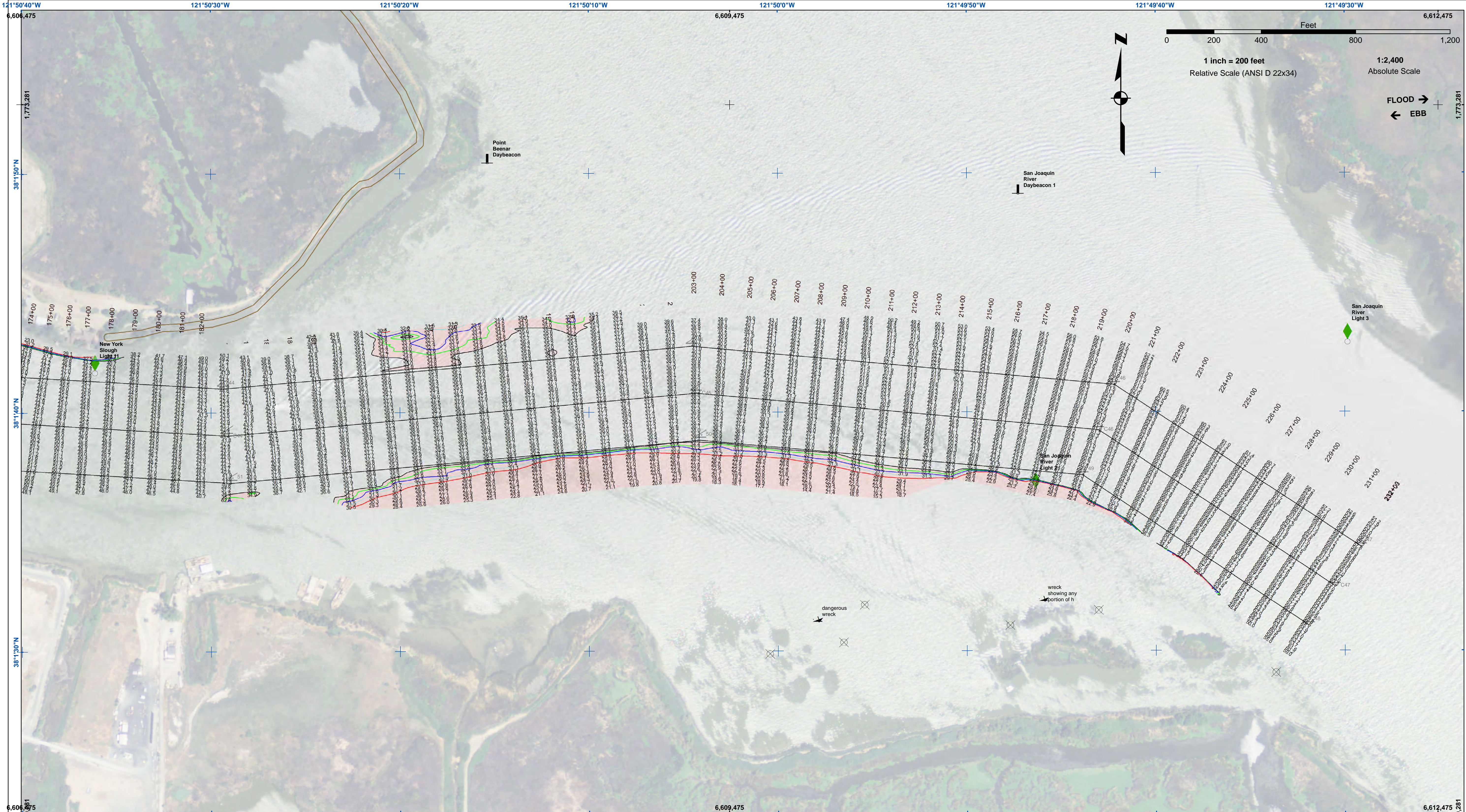


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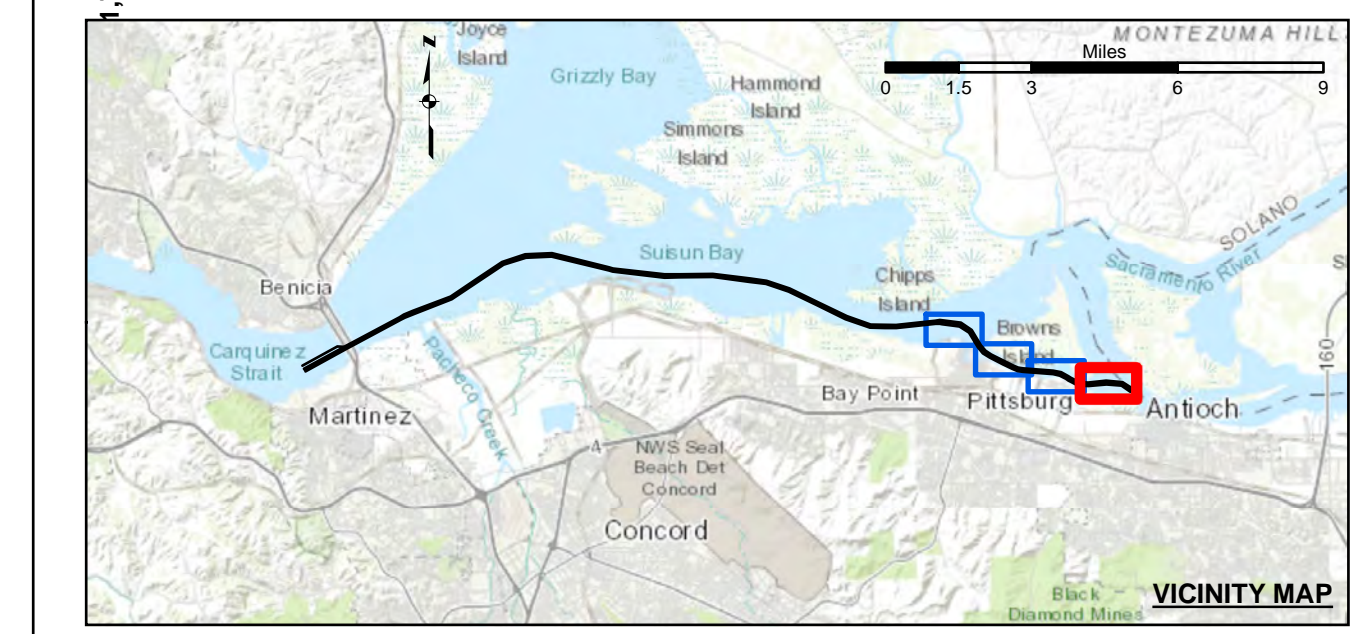
**US Army Corps of Engineers**  
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Chart Date:	Oct 25, 2018
Surveyed By:	TRAVIS J. RAYFIELD
Plotted By:	PDT
Checked By:	PDT
Drawn By:	PDT

CONTRA COSTA COUNTY  
 CALIFORNIA  
**SUISUN BAY CHANNEL**  
**NEW YORK SLOUGH**  
**POST-DREDGE SURVEY**  
 21-23 OCTOBER 2018

**Sheet Number**  
 4 of 4



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