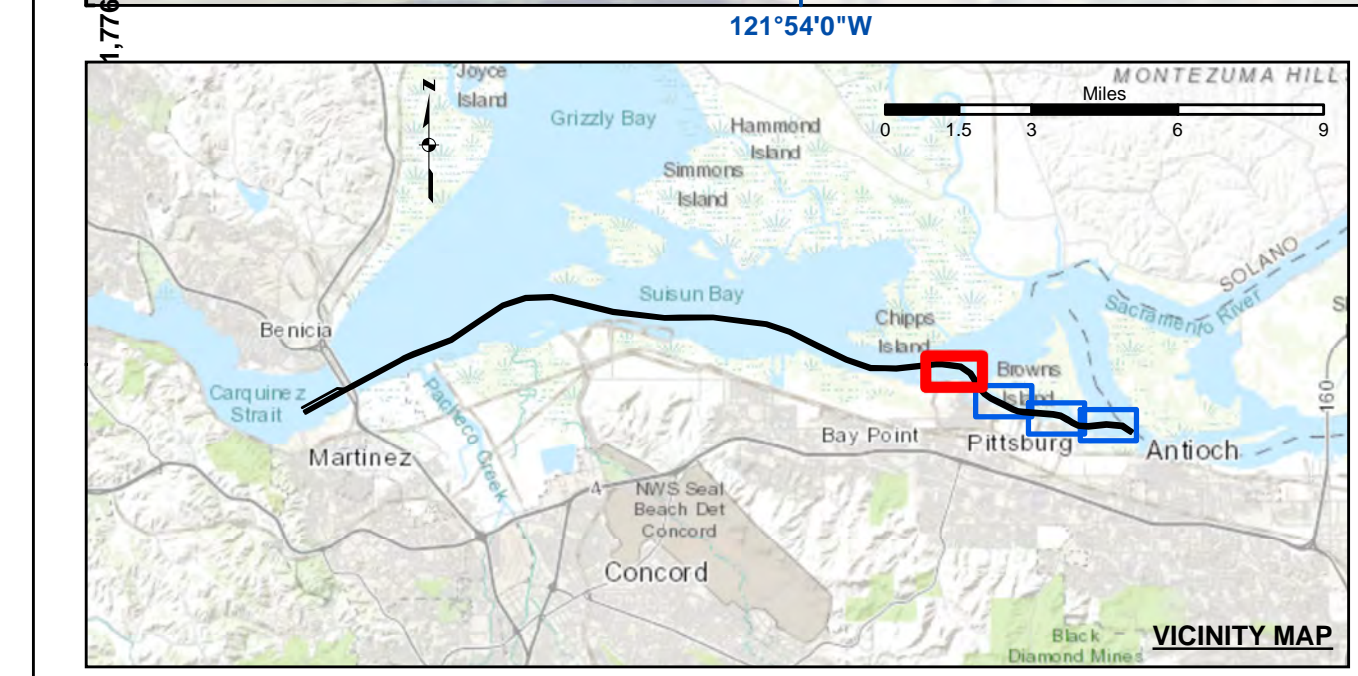


Angle Point	Easting	Northing
01	6522251.24	1773544.02
01-A	6522058.94	1773894.77
02	6526638.33	1775949.19
02-A	6525876.51	1775995.5
03	6526814.71	1776043.48
04	6527523.96	1776423.75
05	6532628.85	1779160.81
06	6533058.01	1779418.58
07	6534097.47	1779856.02
08	6538142.48	1781404.93
09	6541140.44	1783407.77
10	6543746.5	1785148.8
11	6546257.51	1786960.74
12	6549181.52	1788980.86
13	655384.18	1784554.99
14	6555800.55	1784452.57
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	6596646.81	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	6605866.48	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	1771173.82
50	6609351.08	1771859.43
51	6607368.28	1771677.36
52	6606234.39	1771743.72
53	6605546.71	1772096.55
54	6605222.02	1772254.31
55	6604935.26	1772457.79
56	6604271.82	1772822.6
57	6603528.42	1772966.17
58	6602633.32	1773215.96
59	6599652.22	1773313.41
60	6599077.86	1773543.71
61	6598135.33	1774014.34
62	6596668.12	1774746.95
63	6595938.27	1775223.39
64	6595391.45	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	6583688.58	1778004.51
73	6581002.2	1778959.63
74	6577859.51	1780422.27
75	6574841.16	1781841.78
76	6572368.08	1782772.55
77	6570644.56	1782991.71
78	6568611.24	1783505.19
79	6562960.36	1783467.06
80	6561352.98	1783450.27
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		Contours
	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:

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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SURVEYED BY THE CORPS OF ENGINEERS.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT. SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

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, TIDE GAUGE LOCATED AT CONCORD NAVAL WEAPONS STATION TUG DOCK, NOAA STATION. (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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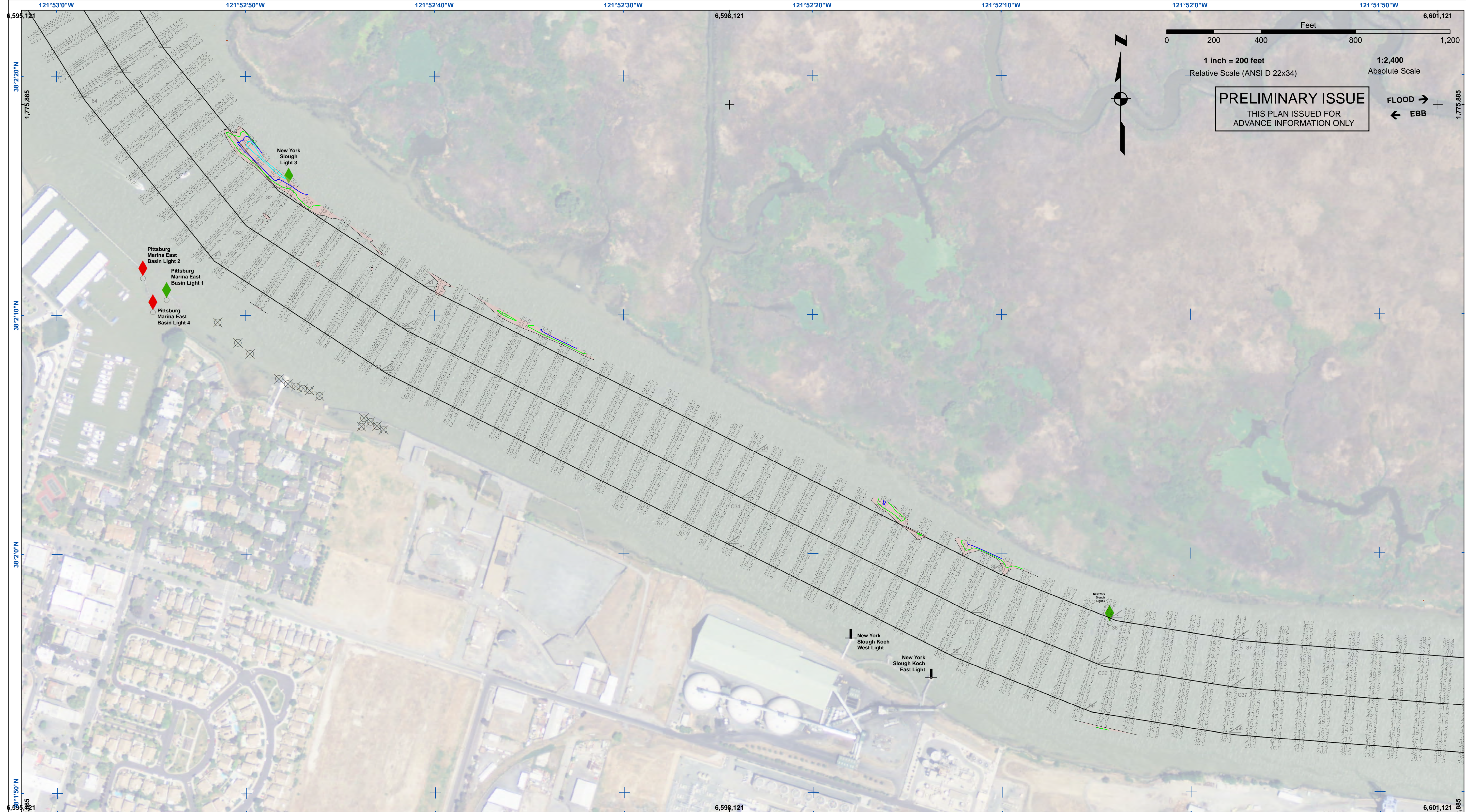
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Chart Date:	Feb 28, 2020
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

CALIFORNIA
CONTRA COSTA COUNTY
SUISUN BAY CHANNEL
NEW YORK SLOUGH
CONDITION SURVEY
11 FEBRUARY 2020

Sheet Reference Number
1 of 4

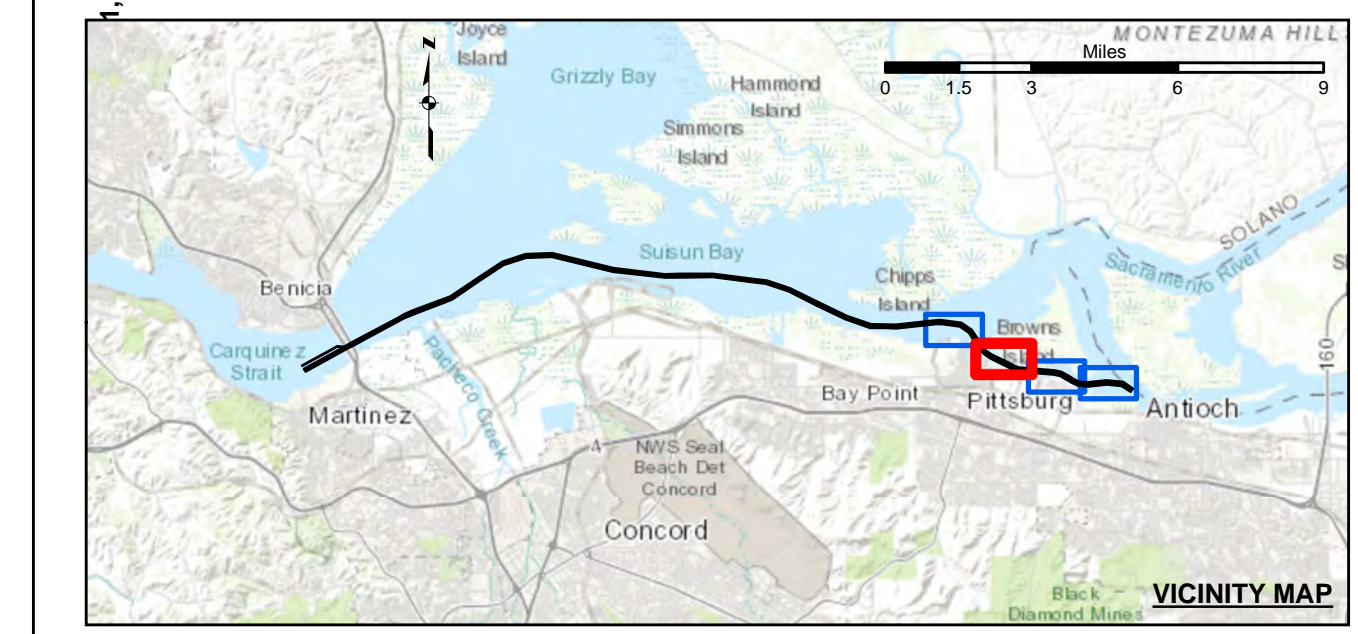


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San Francisco District
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San Francisco, CA 94102

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- | | | | | | |
|--|----------------------------|--|--------------------|-----------------|-----|
| | Federal Navigation Channel | | Beacon, General | Contours | |
| | 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 | | | | |

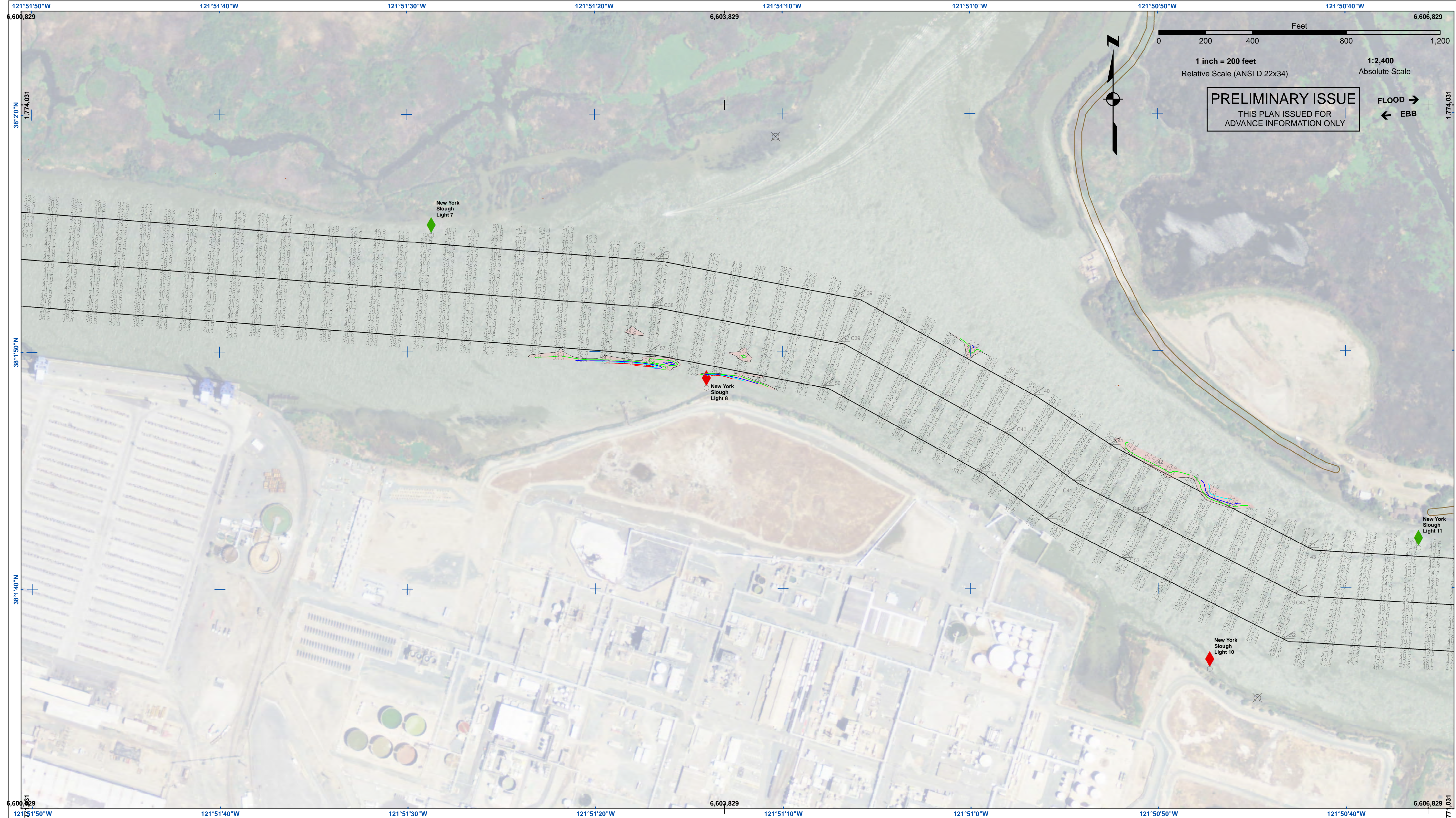
NOTES:
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HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON

PREPARED UNDER THE DIRECTION OF JOHN D. CUNNINGHAM LT COLONEL, C.E. DISTRICT ENGINEER	Chart Date: Feb 28, 2020
Submittal: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Plotted by: PDT
Approved: Chief, Construction Branch	Checked by: PDT
	Drawn by: PDT

CALIFORNIA
CONTRA COSTA COUNTY
**SUISUN BAY CHANNEL
NEW YORK SLOUGH
CONDITION SURVEY**
11 FEBRUARY 2020

**Sheet
Reference
Number**
2 of 4



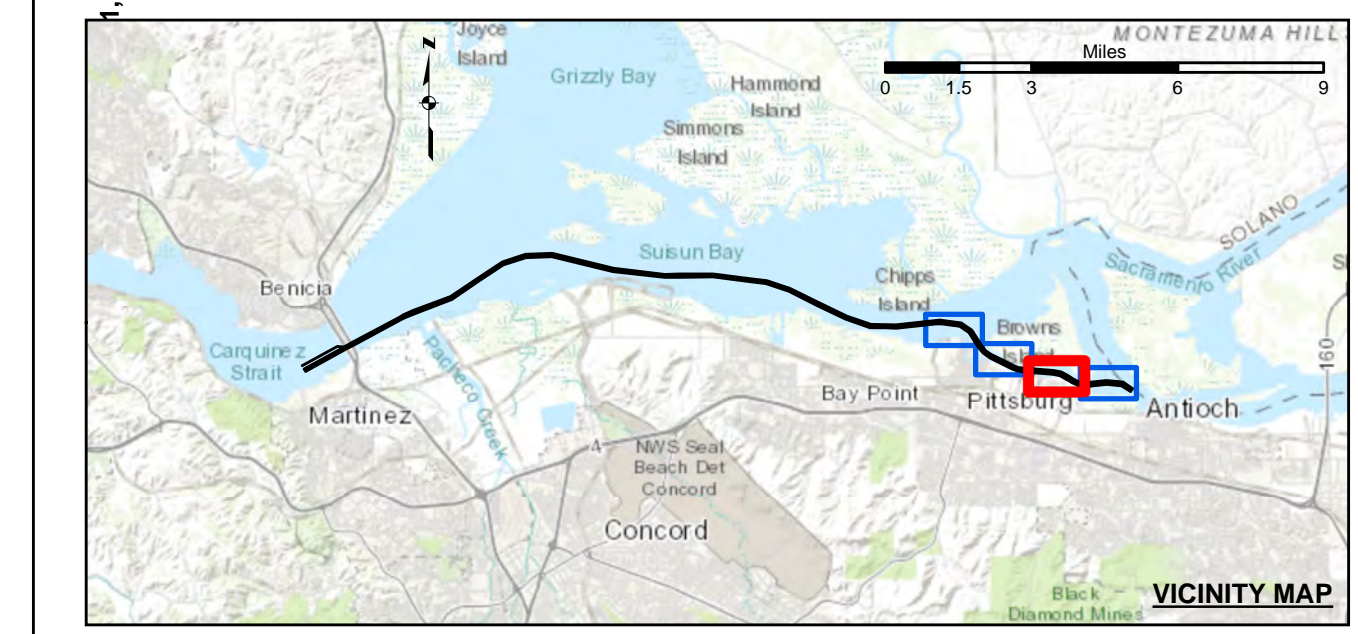
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Chart Date:	Feb 28, 2020
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

CALIFORNIA
CONTRA COSTA COUNTY
**SUISUN BAY CHANNEL
NEW YORK SLOUGH
CONDITION SURVEY**
11 FEBRUARY 2020

**Sheet
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Federal Navigation Channel	Beacon, General	Contours
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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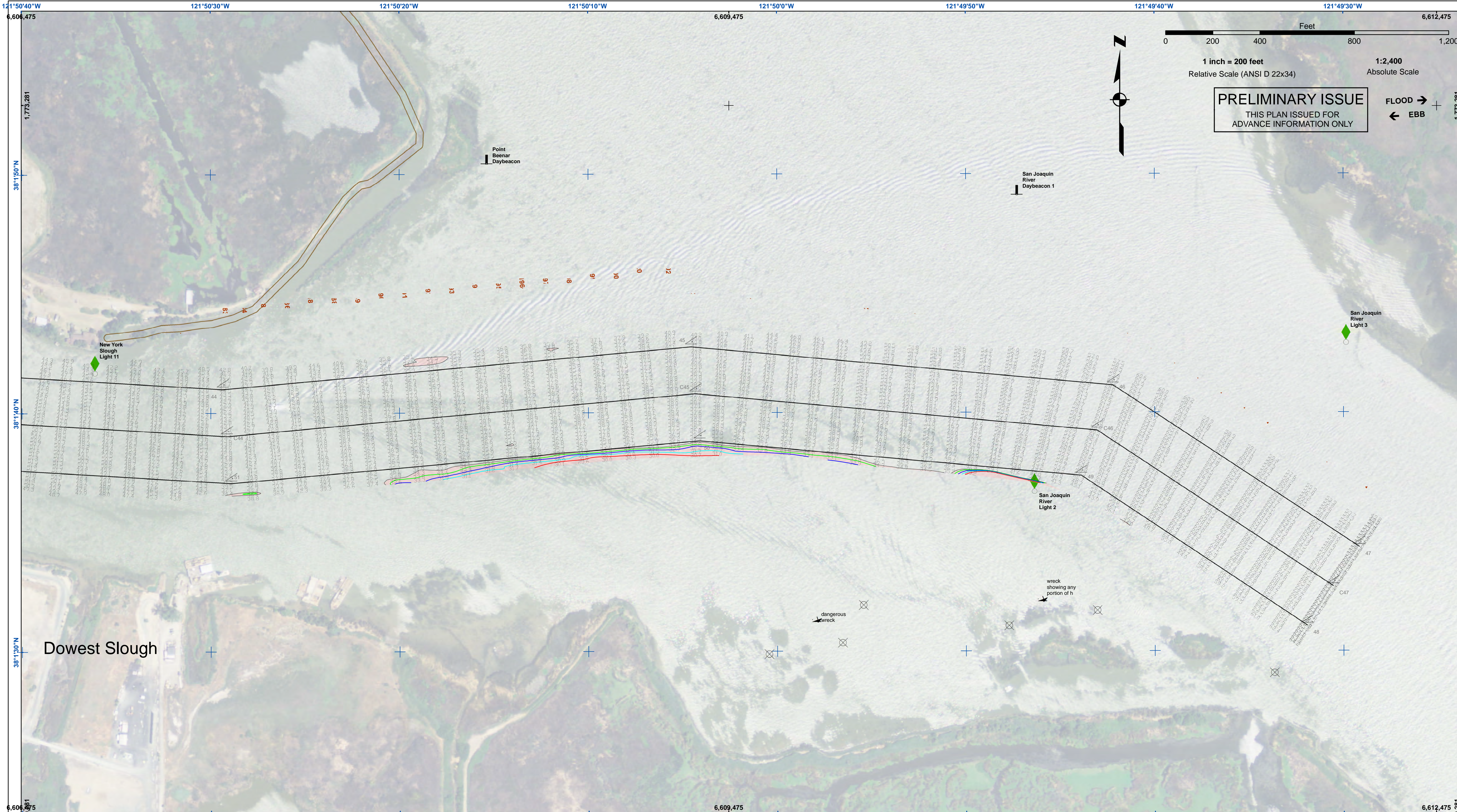
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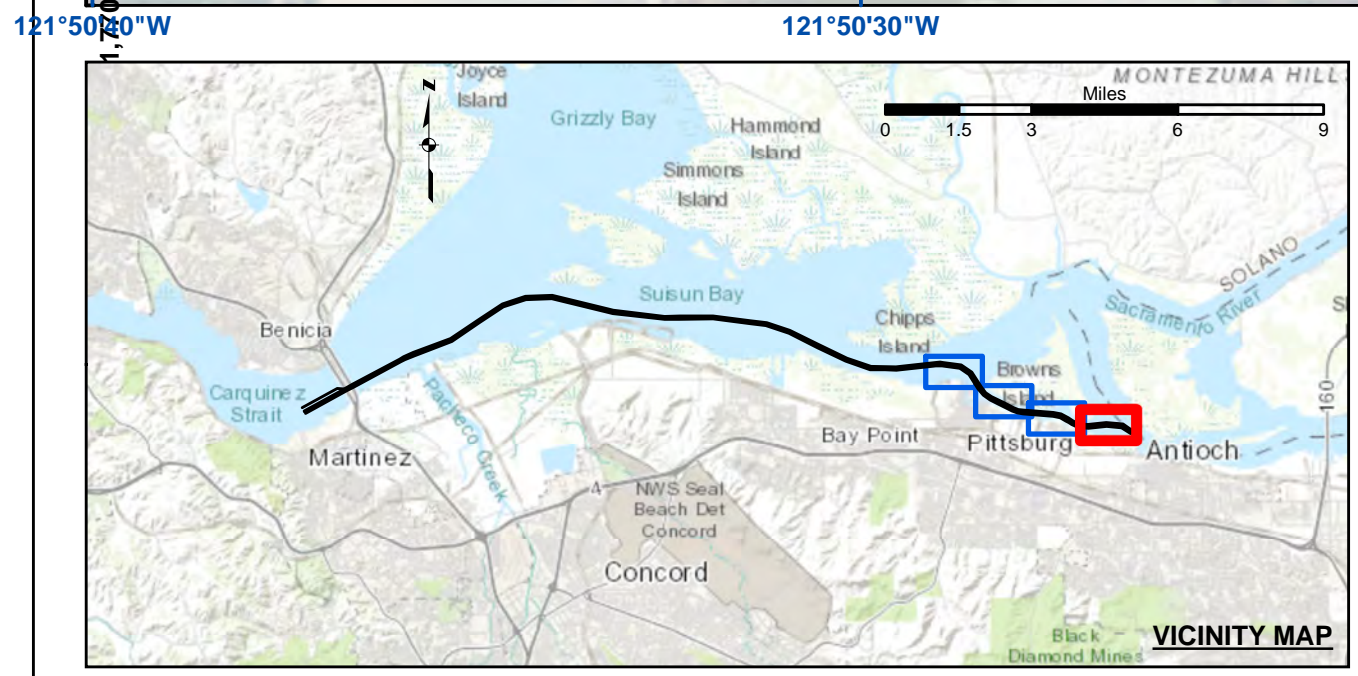


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	Federal Navigation Channel		Beacon, General	Contours	
	Shoaling Area		Obstruction Point		-35
	Placement Area		Navigation Buoy		-34
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	Wreck Area		Shoalest Sounding*		-32
	Submerged Wreck				-31
	Angle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

NOTES:

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PREPARED UNDER THE DIRECTION OF JOHN D. CUNNINGHAM LT COLONEL, C.E. DISTRICT ENGINEER	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Plotted By: PDT	Feb 28, 2020
Recommended: Chief, Hydro Survey Section	Checked By: PDT	Designed by:
Approved: Chief, Construction Branch	Drawn by: PDT	

CALIFORNIA
 CONTRA COSTA COUNTY
**SUISUN BAY CHANNEL
 NEW YORK SLOUGH
 CONDITION SURVEY**
 11 FEBRUARY 2020

**Sheet
 Number
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