

AnglePoint	POINT_X	POINT_Y
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03	6016237.00	2199512.00
04	6022215.00	2203334.00
05	6034692.58	2210763.40
06	6047610.83	2213082.81
07	6058067.95	2213781.27
08	6058127.86	2213182.59
09	6057419.43	2213135.37
10	6055006.55	2212266.87
11	6053815.20	2211848.50
12	6047716.66	2212492.26
13	6036393.66	2210459.23
14	6033802.66	2209535.23
15	6022551.66	2202836.23
16	6016604.00	2199034.00
17	6013013.00	2195756.00
18	6010090.00	2191976.00
C01	6009631.93	2192304.35
C02	6012791.00	2195960.00
C03	6016421.00	2199273.00
C04	6022385.00	2203086.12
C05	6033649.18	2209793.00
C06	6034836.66	2210359.38
C07	6036340.65	2210754.51
C08	6047663.65	2212787.53
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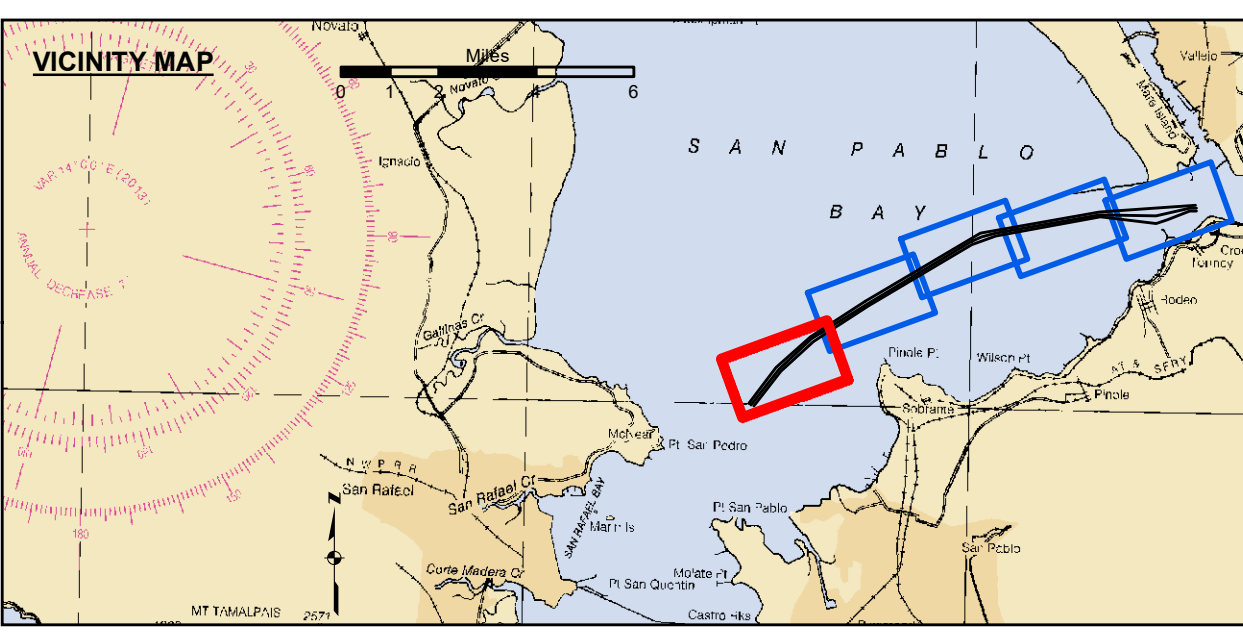
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Prepared Under the Direction of: KEVIN P. ARNETT LT Colonel, C.E., District Engineer	Surveyed By: PDT	Chart Date: Mar 02, 2023
Submitted: Hydro Survey Team Leader	Plotted By: PDT	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Checked By: PDT	Drawn by: PDT
Approved: Chief, Construction Branch		

CALIFORNIA
PINOLE SHOALS
 CONDITION SURVEY
 19-20 JANUARY 2023
 AND 16 FEBRUARY 2023

Sheet Number
 1 of 5



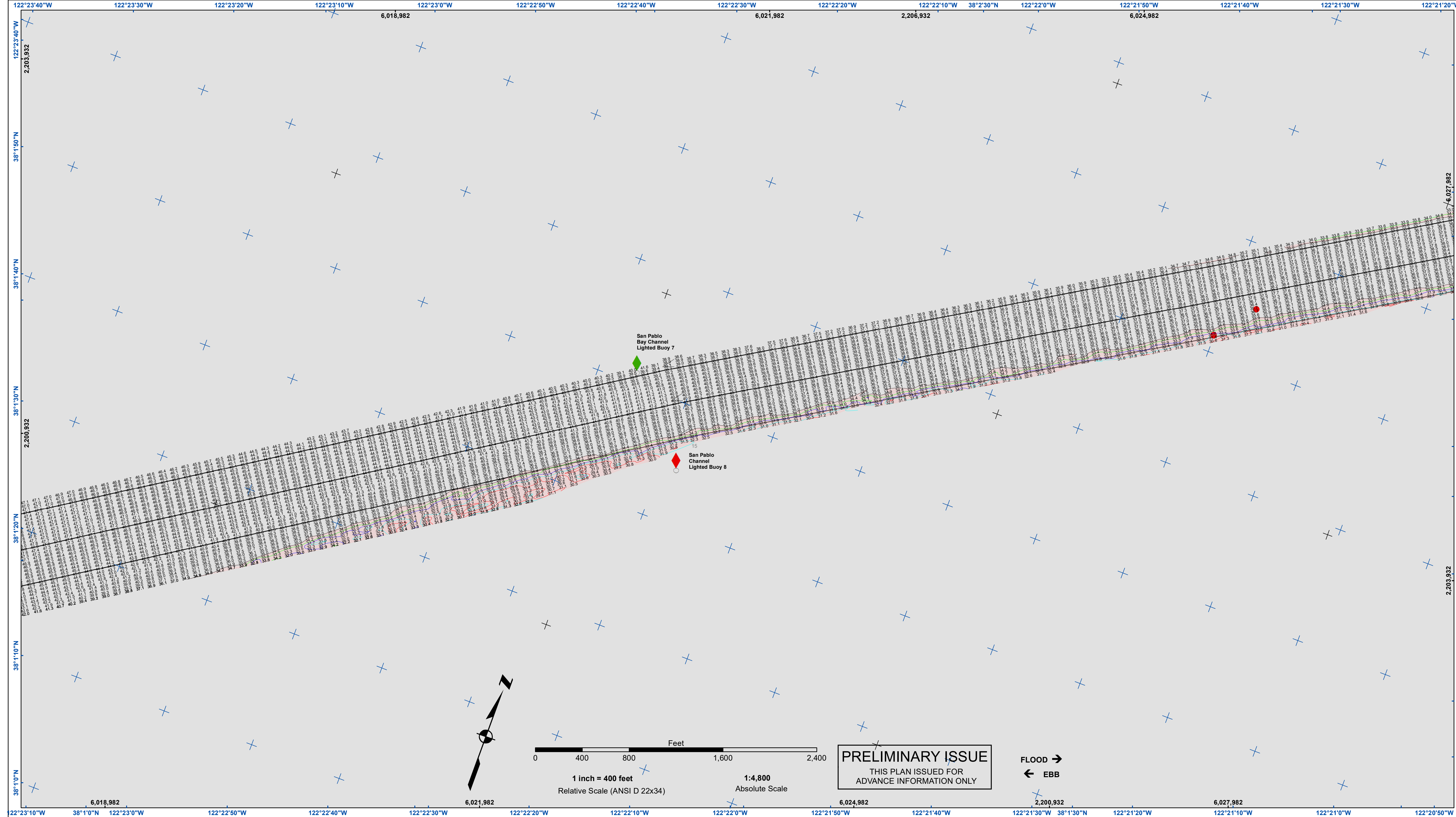
Federal Navigation Channel	Beacon, General	Countours
Shoaling Area	Obstruction Point	-35
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Anchorage Area	Navigation Buoy	-33
Wreck Area	Shoalest Sounding*	-32
Submerged Wreck		-31
Angle Point		

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 TIDAL DATUM CONTROL STATION(S):
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 - 9415218 MARE ISLAND - AUG 2013

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 CONTROL:
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 OPUS 3/19/2020 | 9415056
 5218 L 1976 | 5218 R 2006 | PID: BBCN57
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 - RESON T50-R SINGLE-HEAD MULTIBEAM ECHOSOUNDER
 - POS MV 2201 VER5 HW2.5-12
 - IMU TYPE 42
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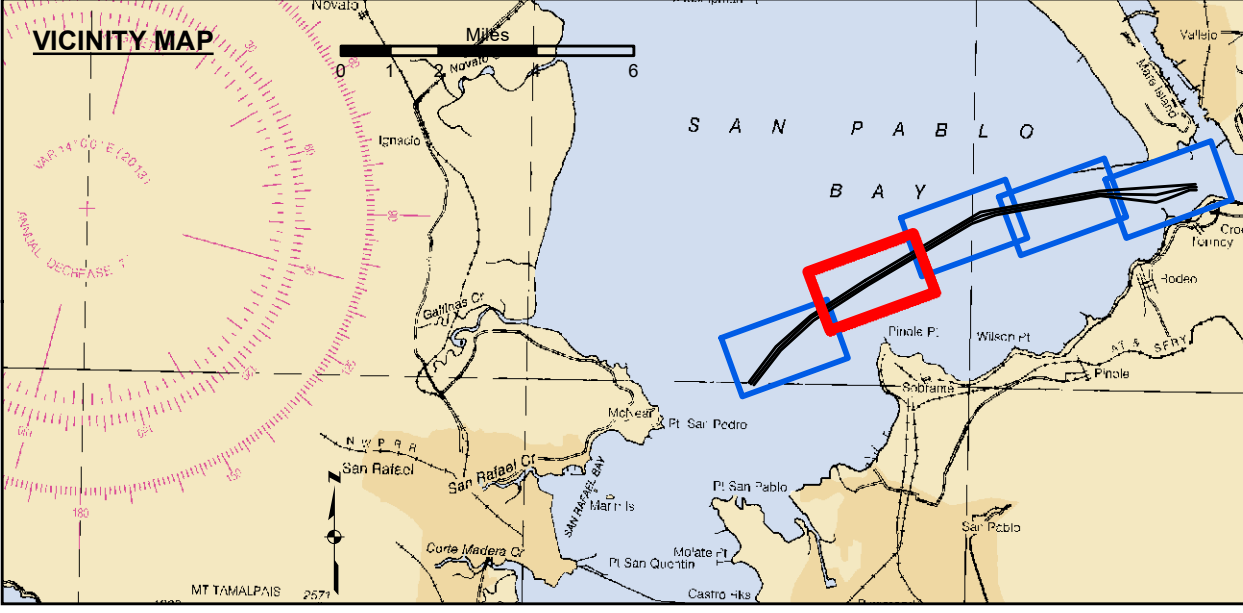
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Approved by: Chief, Construction Branch	Checked by: PDT
	Drawn by: PDT

SAN PABLO BAY
PINOLE SHOALS
 CONDITION SURVEY
 19-20 JANUARY 2023
 AND 16 FEBRUARY 2023

Sheet Number
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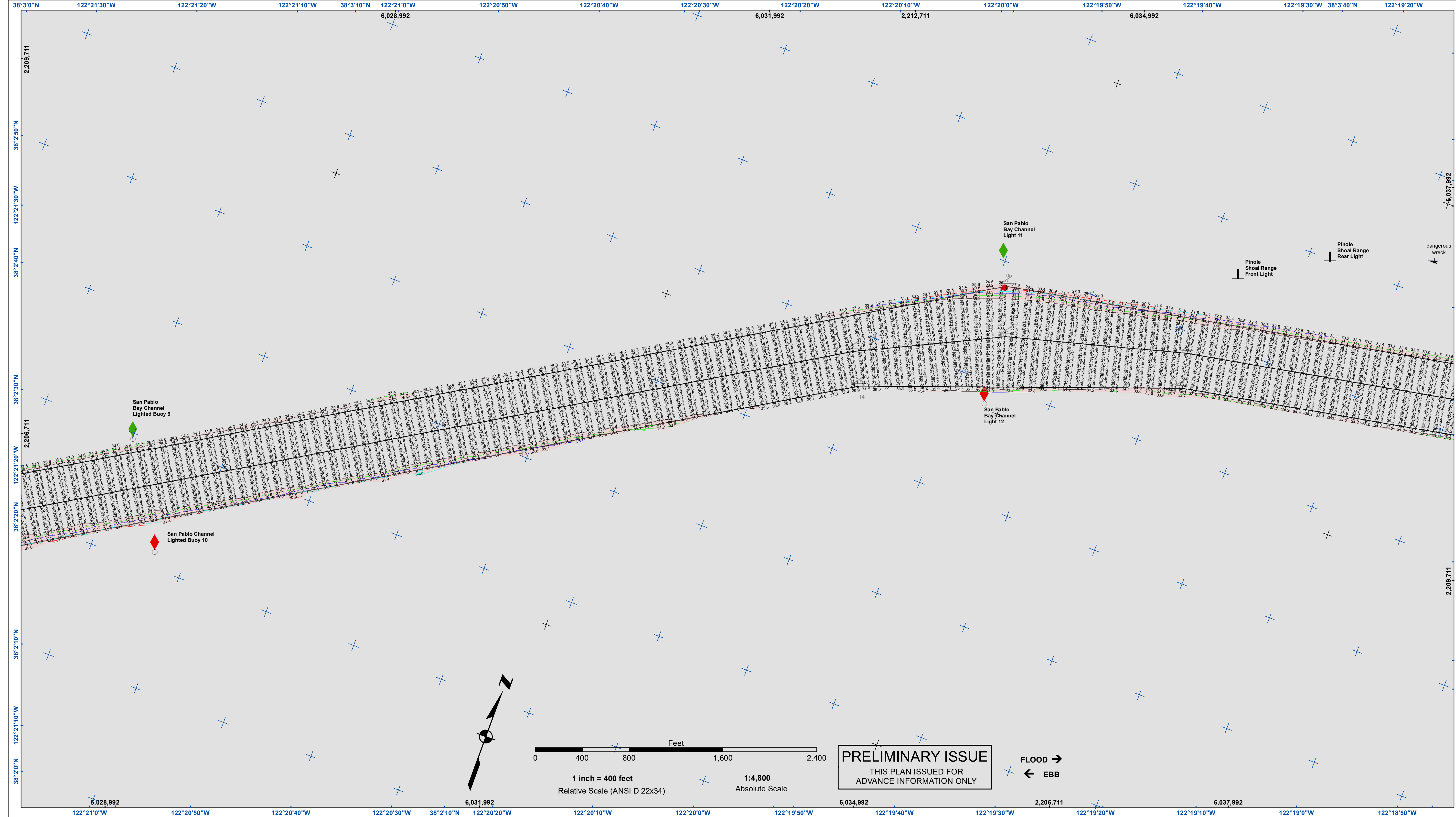


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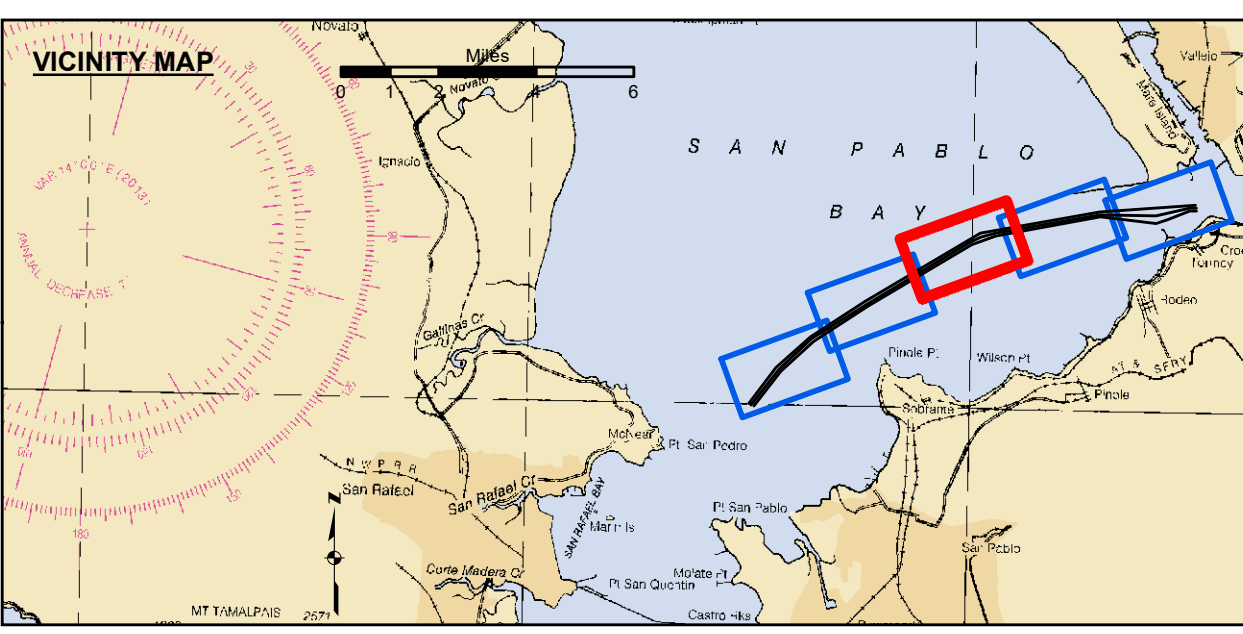
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Surveyed By:	PDT
Plotted By:	PDT
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CALIFORNIA
PINOLE SHOALS
 CONDITION SURVEY
 19-20 JANUARY 2023
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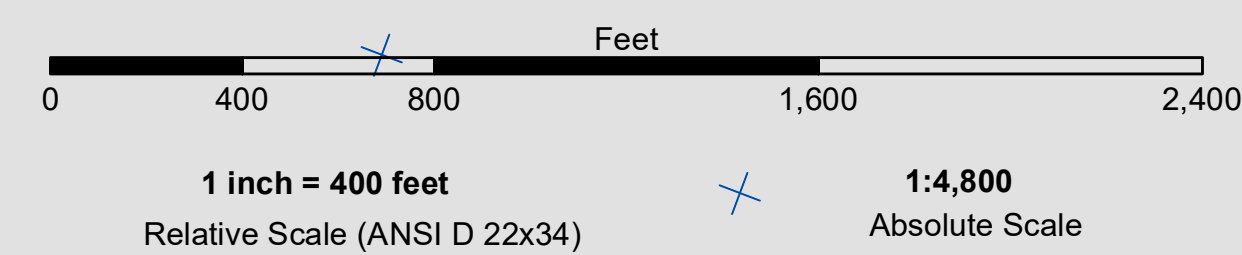
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Federal Navigation Channel	Beacon, General	Countours
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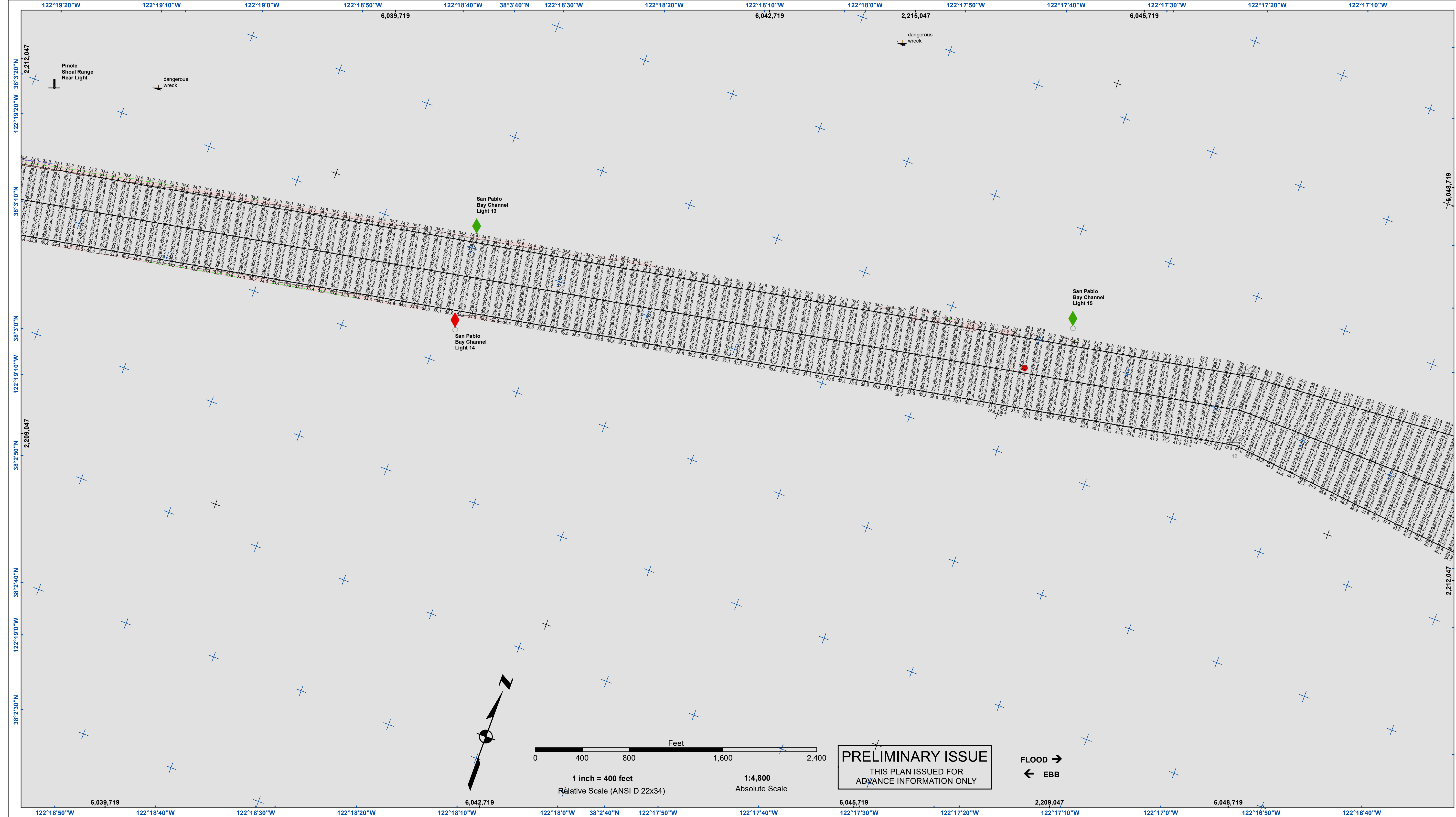
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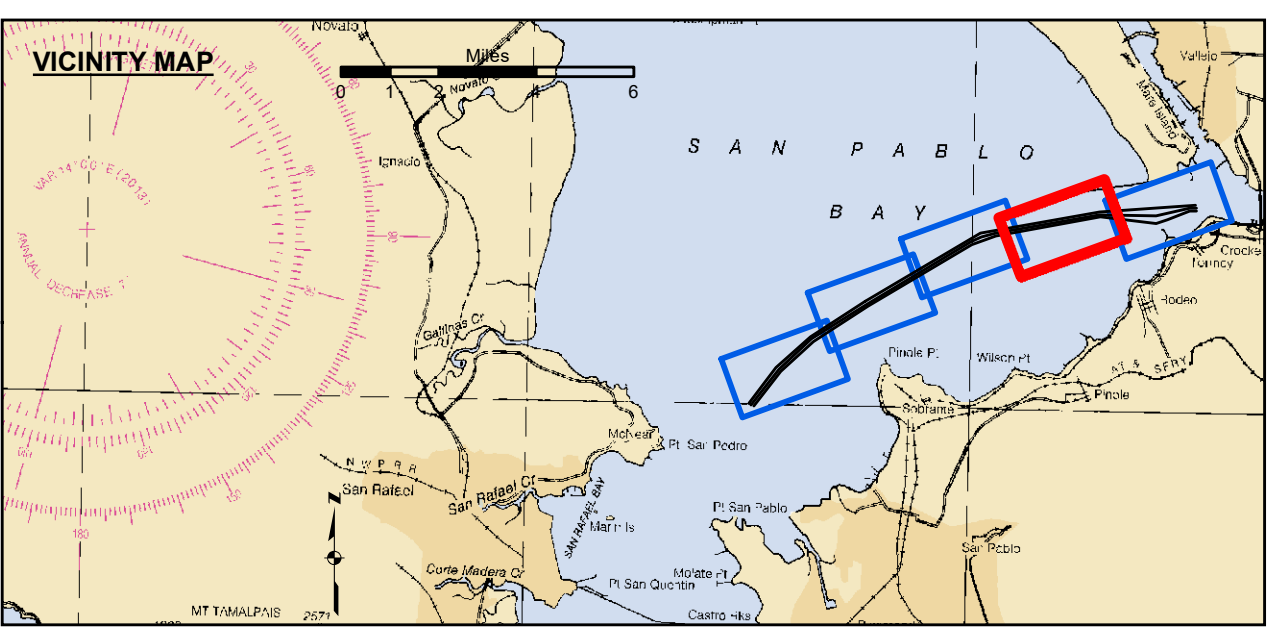
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CALIFORNIA
SAN PABLO BAY
PINOLE SHOALS
CONDITION SURVEY
19-20 JANUARY 2023
AND 16 FEBRUARY 2023

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Number
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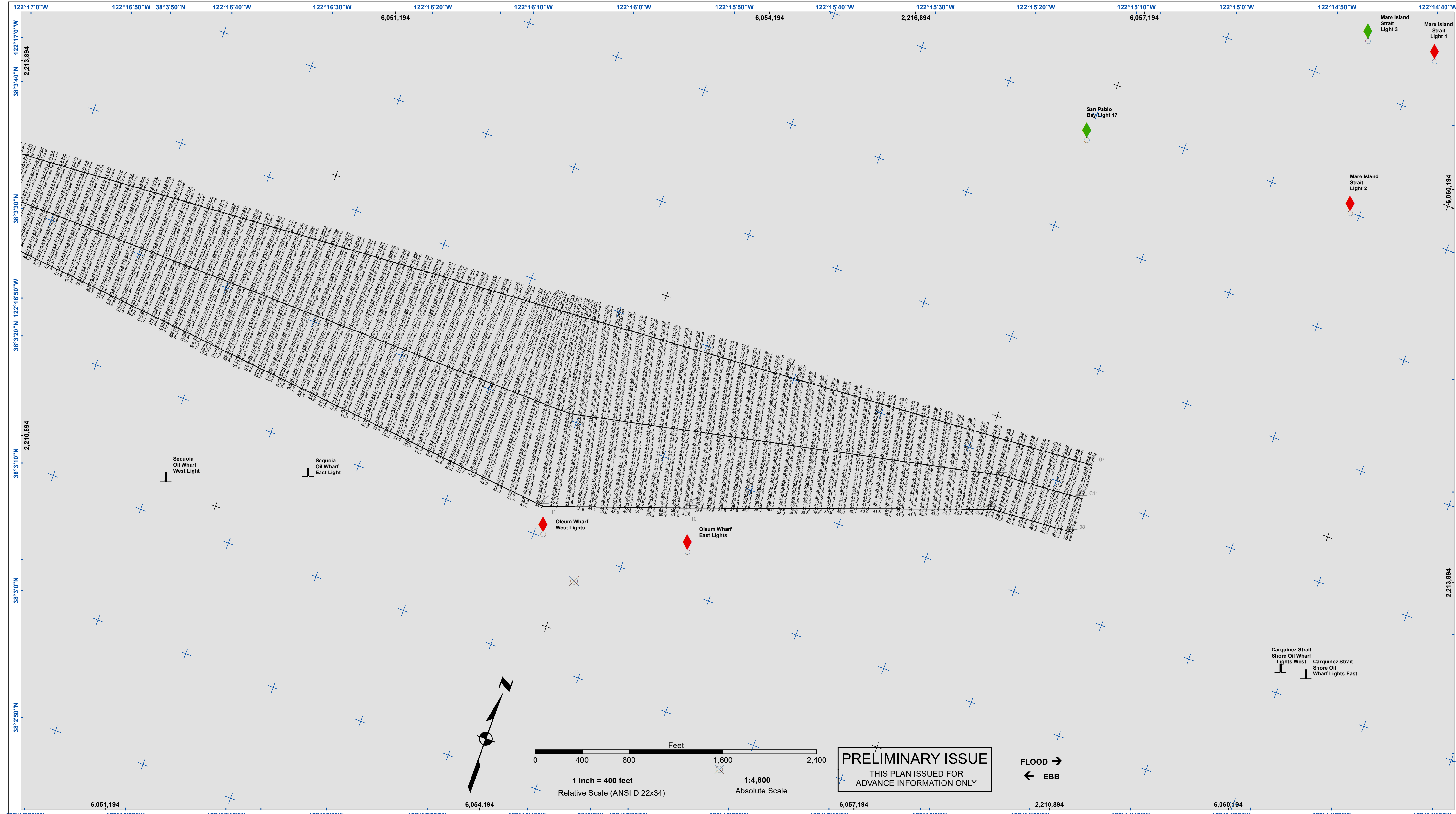
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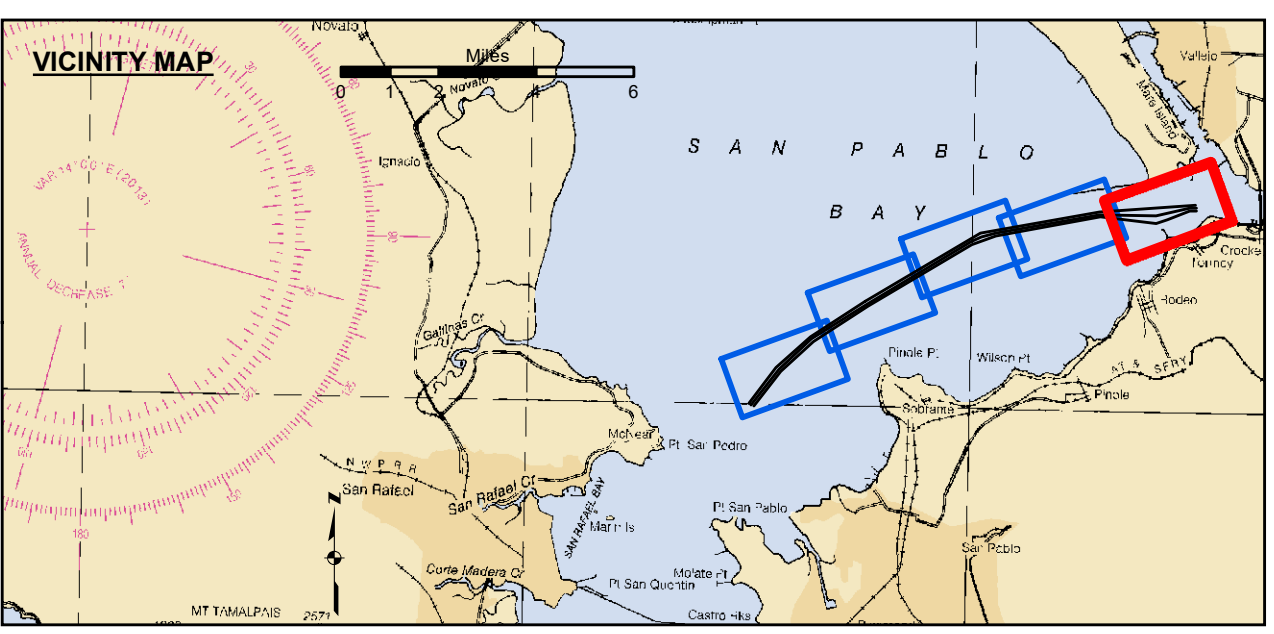
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- Federal Navigation Channel
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