

AnglePoint	POINT_X	POINT_Y
01	6009617.00	2192346.00
02	6012570.00	2196164.00
03	6016237.00	2199512.00
04	6022215.00	2203334.00
05	6034692.58	2210763.40
06	6047610.83	2213082.91
07	6059867.95	2213781.27
08	6058127.86	2213182.59
09	6057419.43	2213135.37
10	6055006.55	2212286.87
11	6053815.20	2211848.50
12	6047716.66	2212492.26
13	6038393.66	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
C09	6053760.51	2212668.82
C10	6057399.48	2213434.70
C11	6058107.91	2213481.93

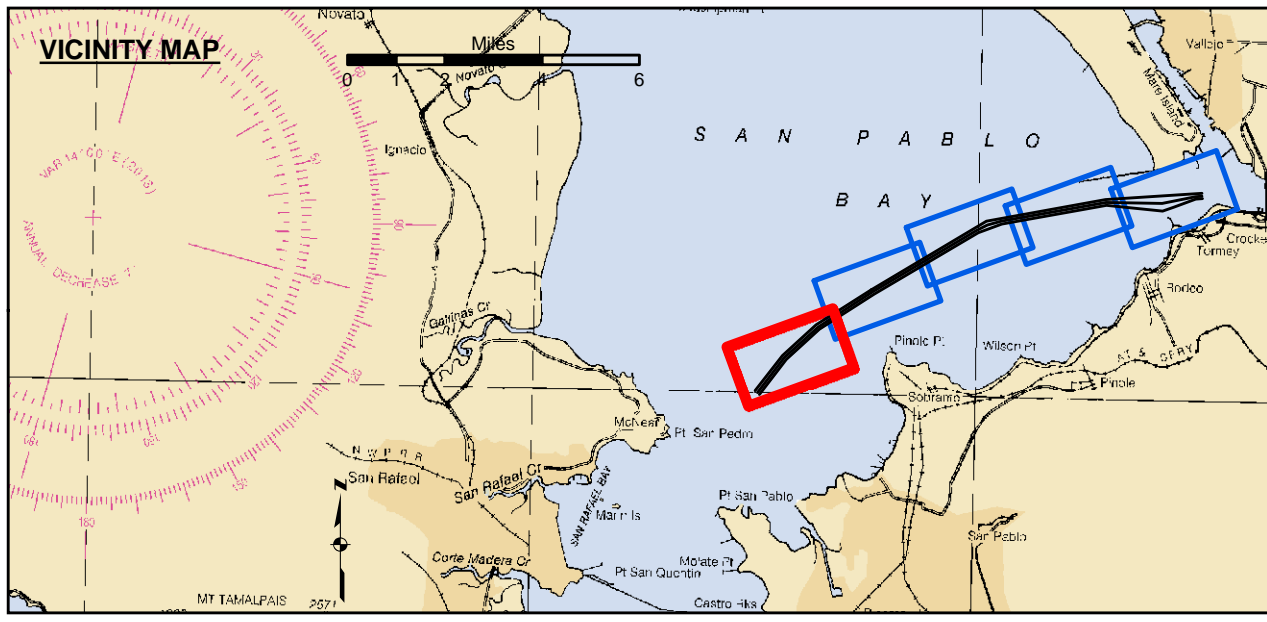
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Chart Date:	May 24, 2019
Designed by:	
Drawn by:	PDT
Checked by:	PDT
Approved:	Chief, Construction Branch
Surveyed By:	
Plotted By:	PDT

CALIFORNIA
PINOLE SHOALS
 CONDITION SURVEY
 8-20 MAY 2019
 SAN PABLO BAY

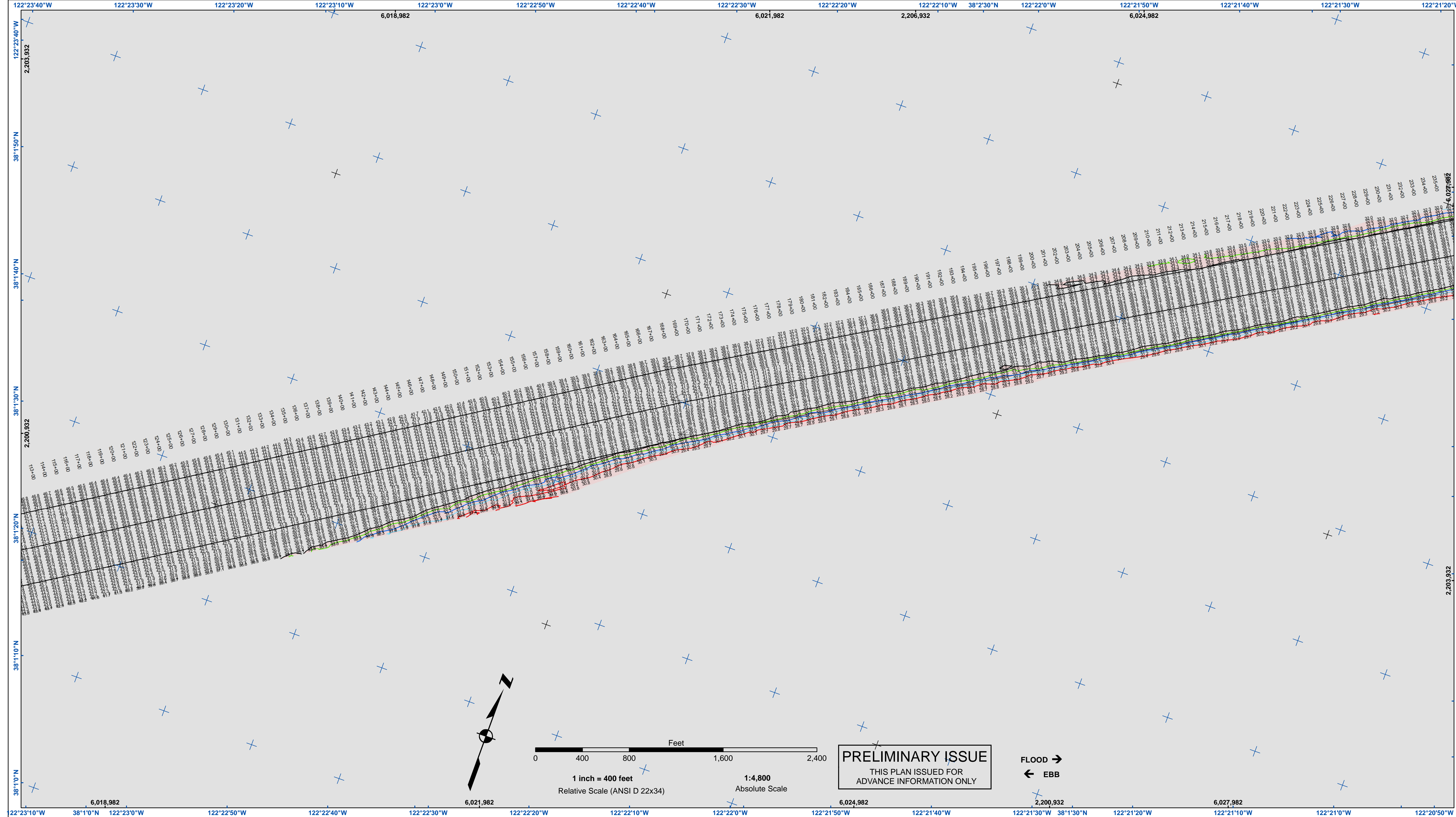
Sheet
Number
1 of 5



- 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*
- Countours
- 35
- 34
- 33
- 32
- 31

NOTES:
 HORIZONTAL COORDINATE SYSTEM:
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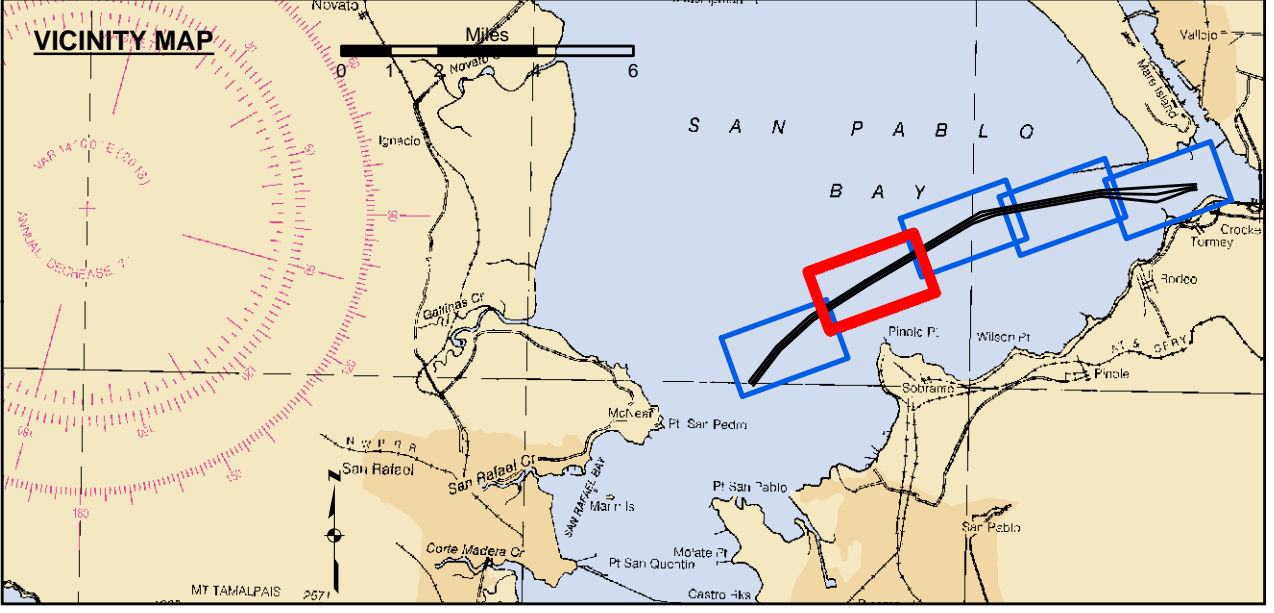
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Prepared Under the Direction of TRAVIS J. RAYFIELD LT COLONEL, C.E. DISTRICT ENGINEER	Chart Date: May 24, 2019
Submitted: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Plotted By: PDT
Approved: Chief, Construction Branch	Checked By: PDT
	Drawn by: PDT

CALIFORNIA
PINOLE SHOALS
 CONDITION SURVEY
 8-20 MAY 2019
 SAN PABLO BAY

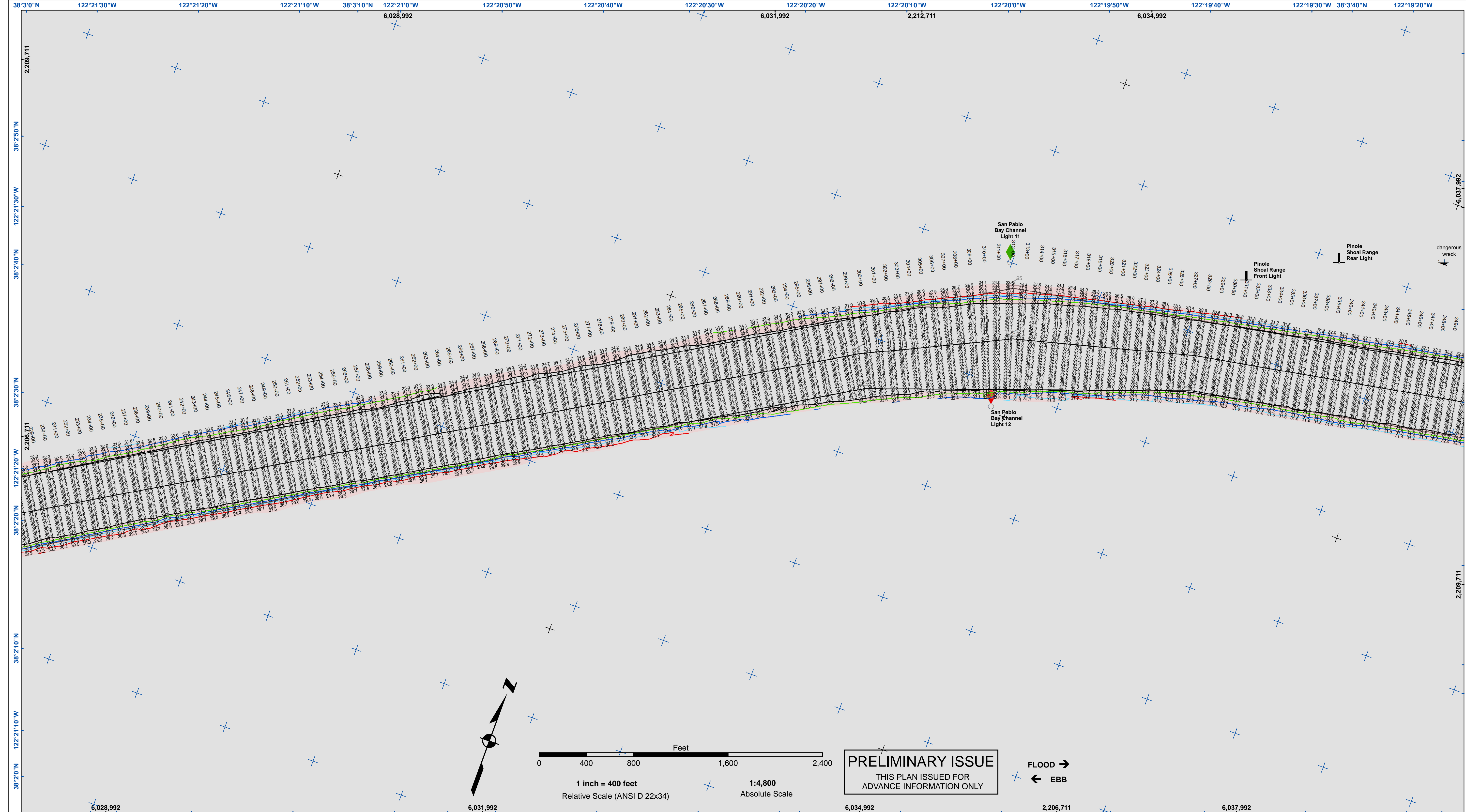
Sheet Reference Number
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- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point
- Beacon, General
- Obstruction Point
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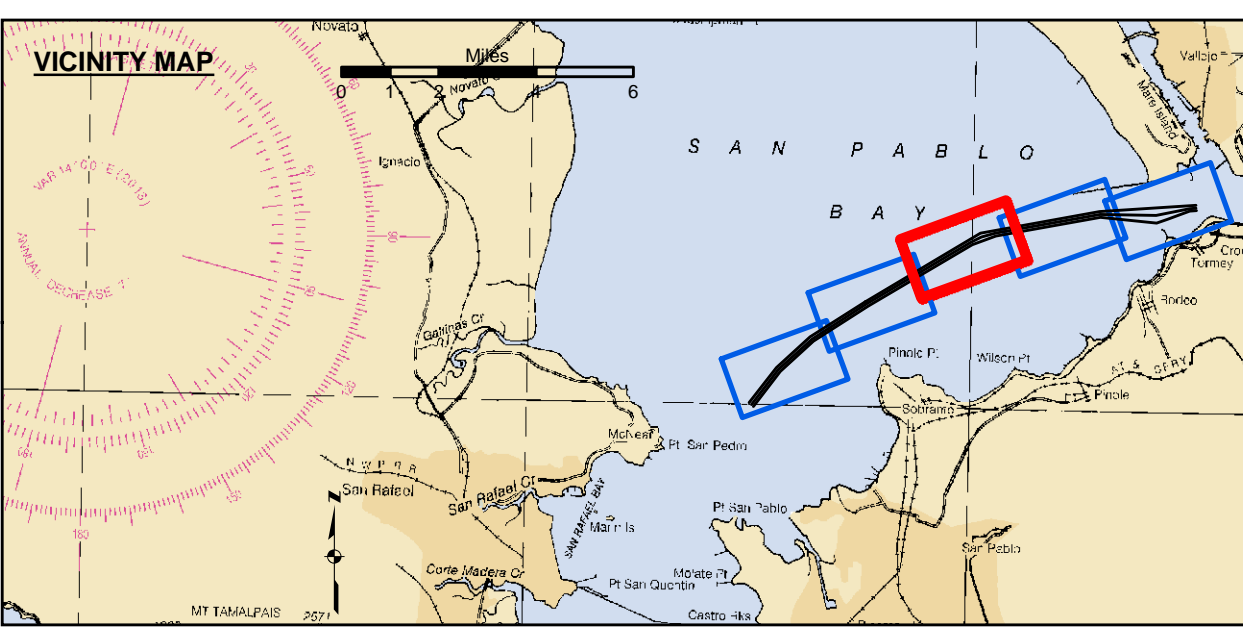
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Prepared Under the Direction of:	Chart Date:
LT COLONEL J. RAYFIELD	May 24, 2019
Subject:	Plotted By:
Hydro Survey Team Leader	PDT
Recommended:	Checked By:
Chief, Hydro Survey Section	PDT
Approved:	Drawn by:
Chief, Construction Branch	PDT

CALIFORNIA
PINOLE SHOALS
 CONDITION SURVEY
 8-20 MAY 2019
 SAN PABLO BAY

Sheet Reference Number
 3 of 5

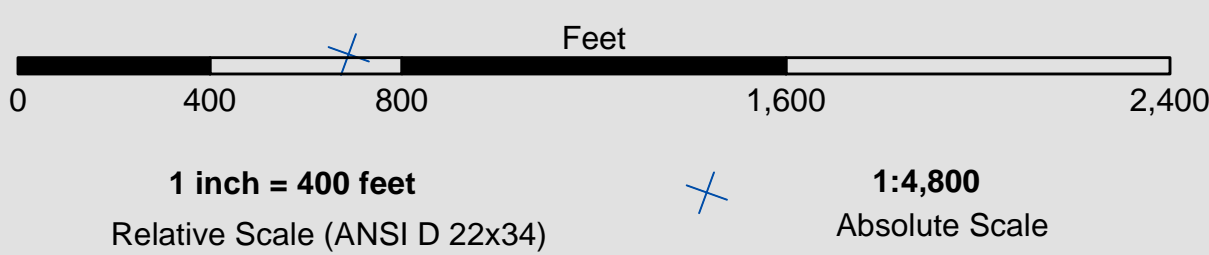


- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
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- Beacon, General
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- Navigation Buoy
- Navigation Buoy
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- 34
- 33
- 32
- 31

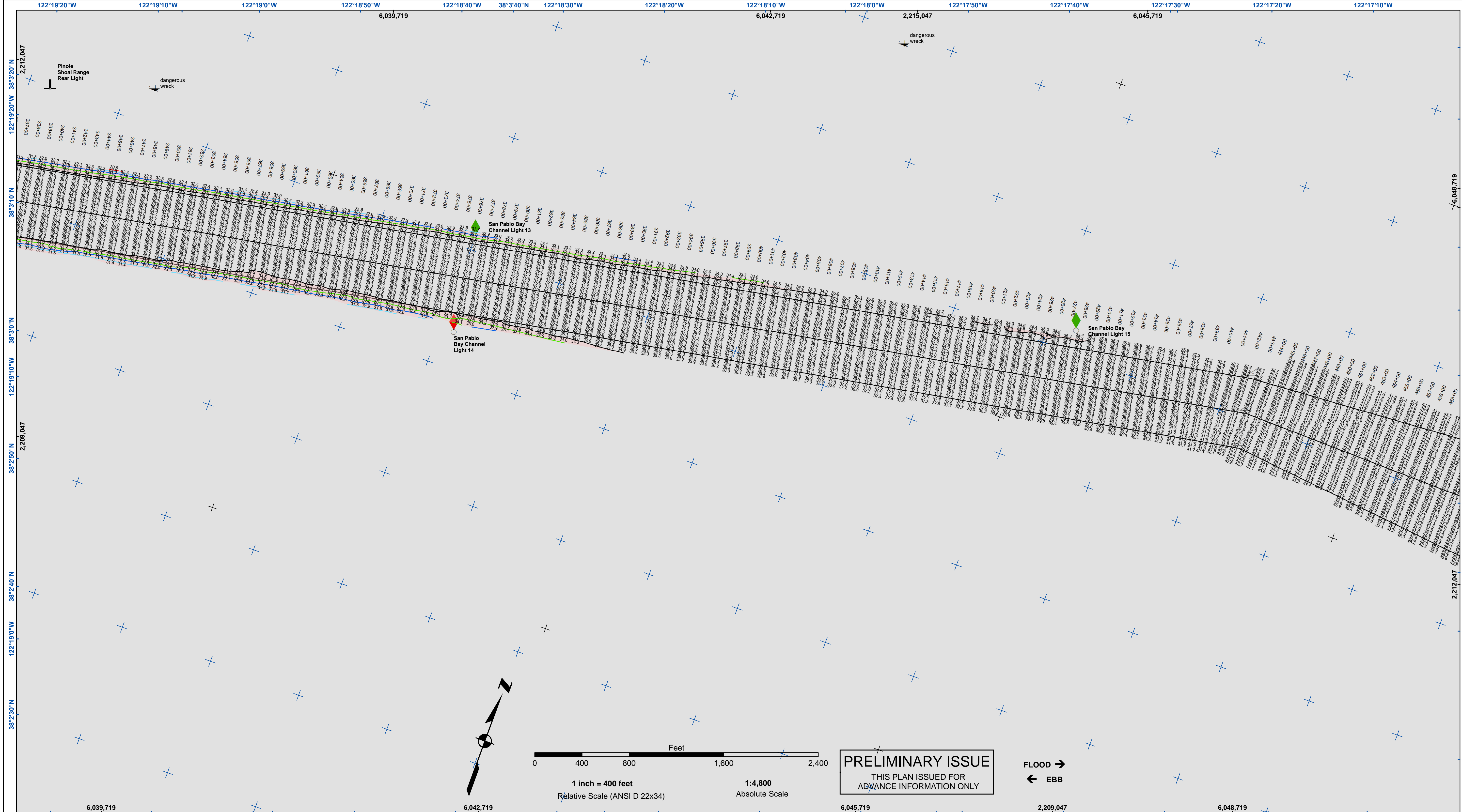
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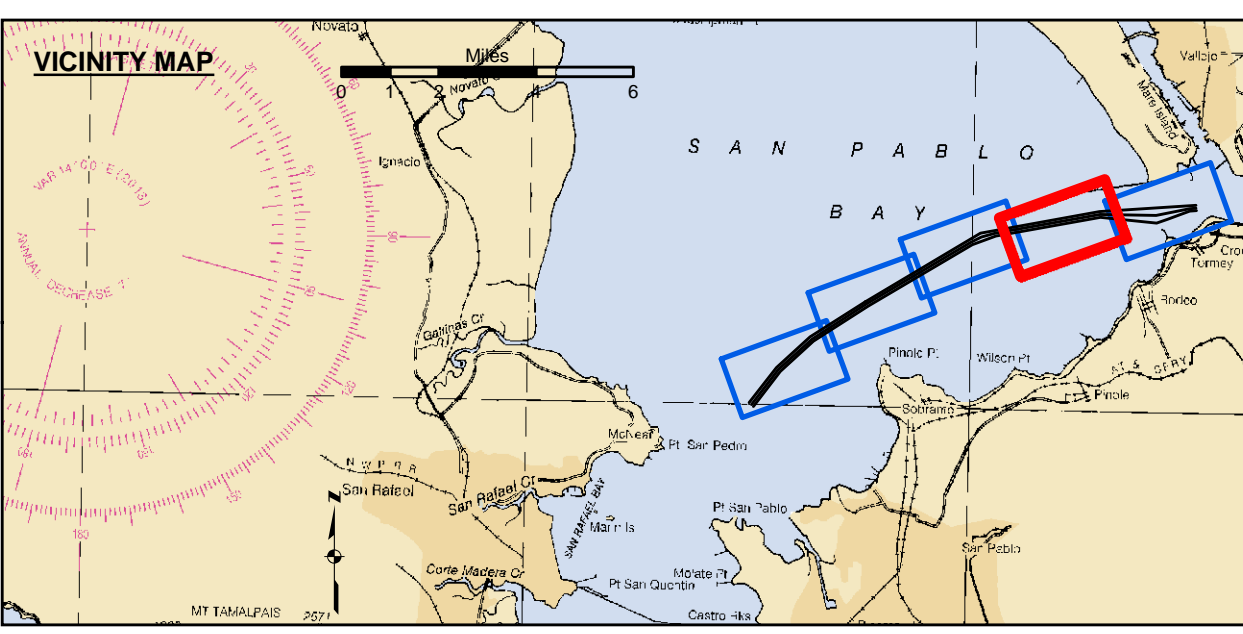


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Recommended: Chief, Hydro Survey Section	Plotted by: PDT
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CALIFORNIA
PINOLE SHOALS
 CONDITION SURVEY
 8-20 MAY 2019
 SAN PABLO BAY

Sheet Reference Number
 4 of 5



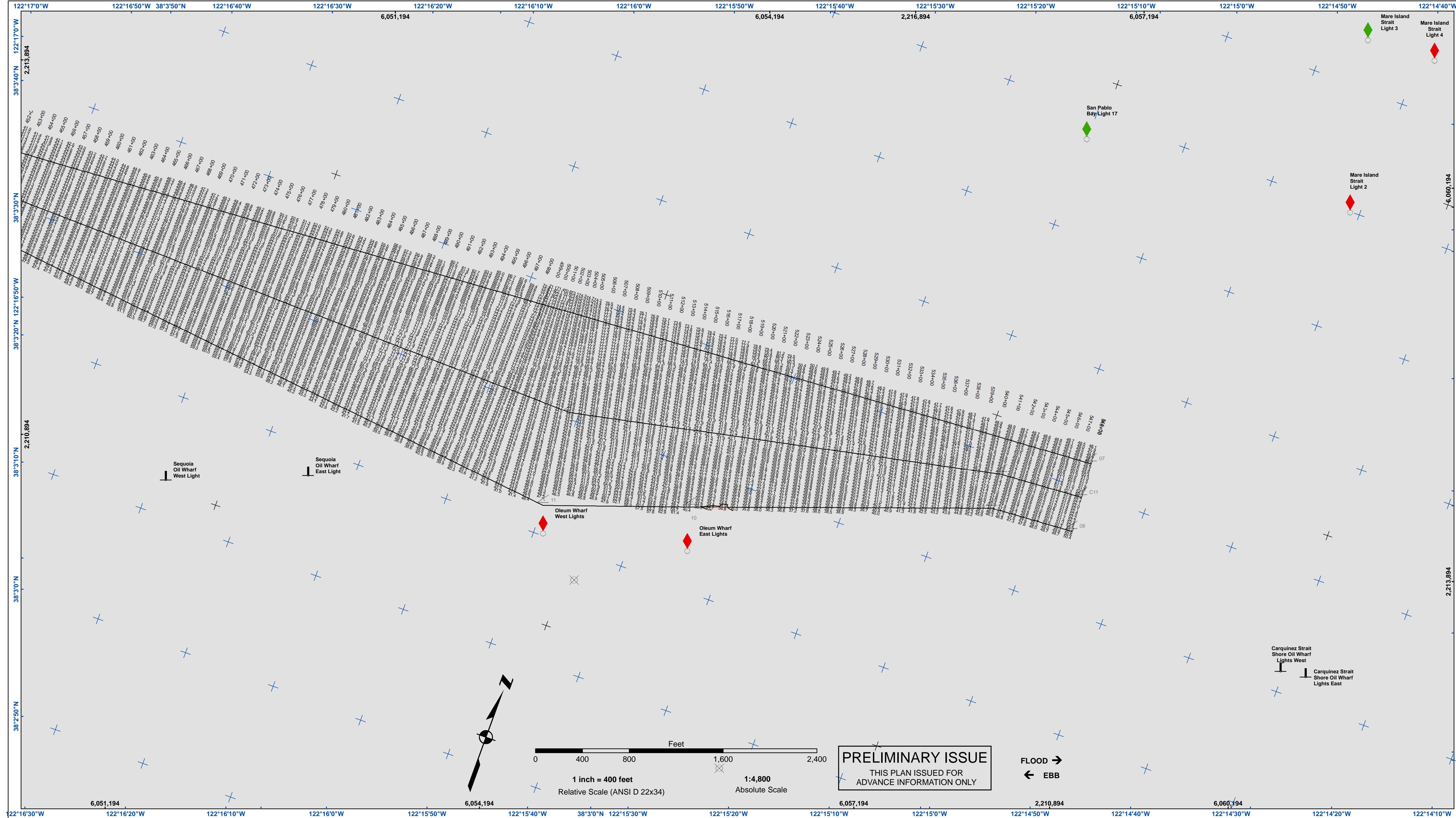
Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-35
Placement Area	Navigation Buoy	-34
Anchorage Area	Navigation Buoy	-33
Wreck Area	Shoalest Sounding*	-32
Submerged Wreck		-31
Angle Point		

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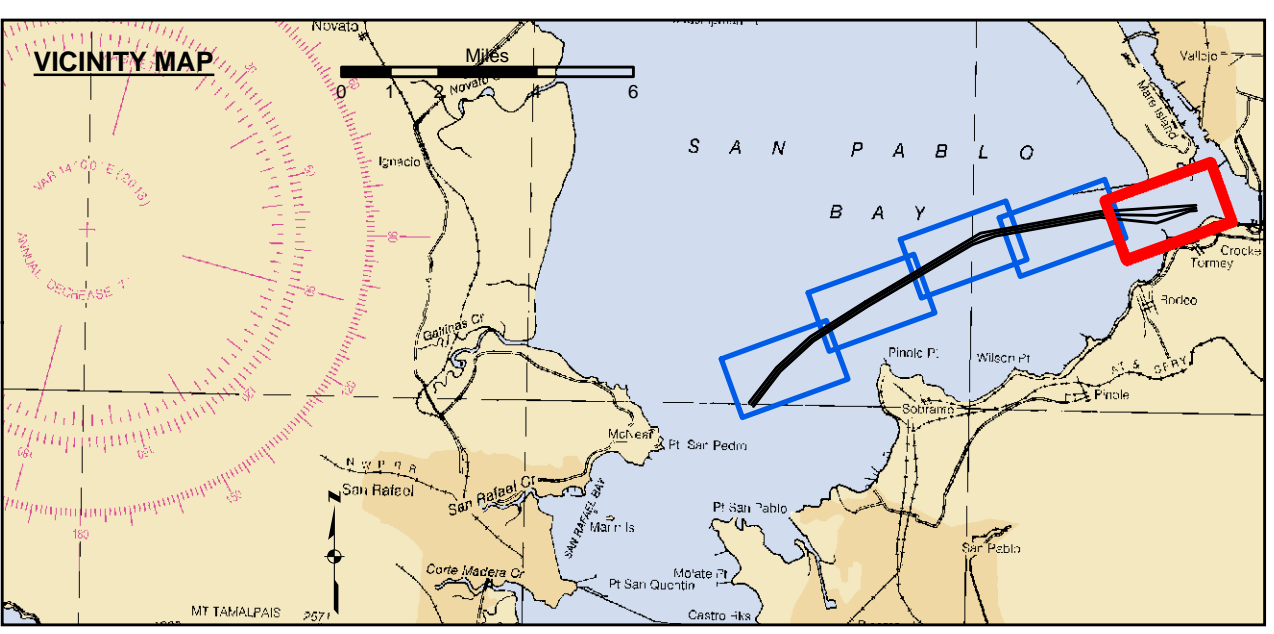
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Chart Date:	May 24, 2019
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

SAN PABLO BAY
PINOLE SHOALS
 CONDITION SURVEY
 8-20 MAY 2019

Sheet Reference Number
5 of 5

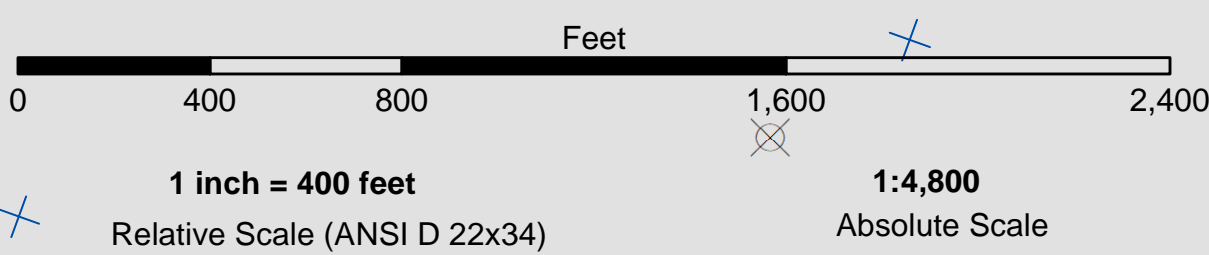


	Federal Navigation Channel		Beacon, General		Countours
	Shoaling Area		Obstruction Point		-35
	Placement Area		Navigation Buoy		-34
	Anchorage Area		Navigation Buoy		-33
	Wreck Area		Shoalest Sounding*		-32
	Submerged Wreck				-31
	Angle Point				

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