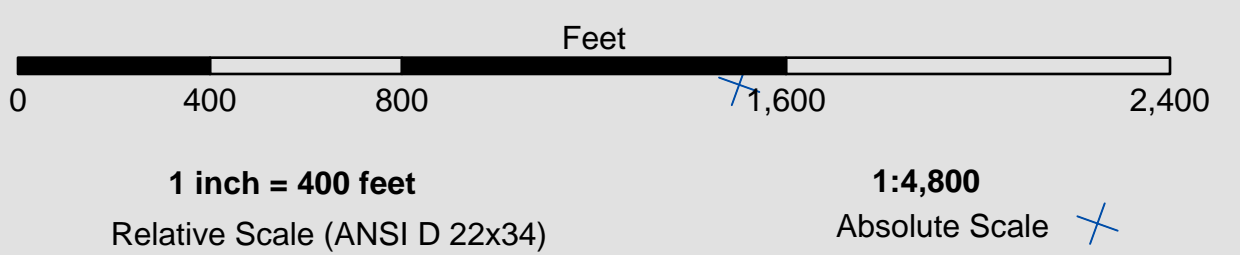


AnglePoint	POINT_X	POINT_Y
01	6009617.00	2192346.00
02	6012570.00	2196164.00
03	6016237.00	2199512.00
04	6022215.00	2203334.00
05	6034692.58	2210763.40
06	6047610.83	2213082.81
07	6058067.95	2213781.27
08	6058127.86	2213182.59
09	6057419.43	2213135.37
10	6055006.55	2212266.87
11	6053815.20	2211848.50
12	6047716.66	2212492.26
13	6036383.66	2210459.23
14	6033802.66	2209535.23
15	6022551.66	2202836.23
16	6016604.00	2199304.00
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

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

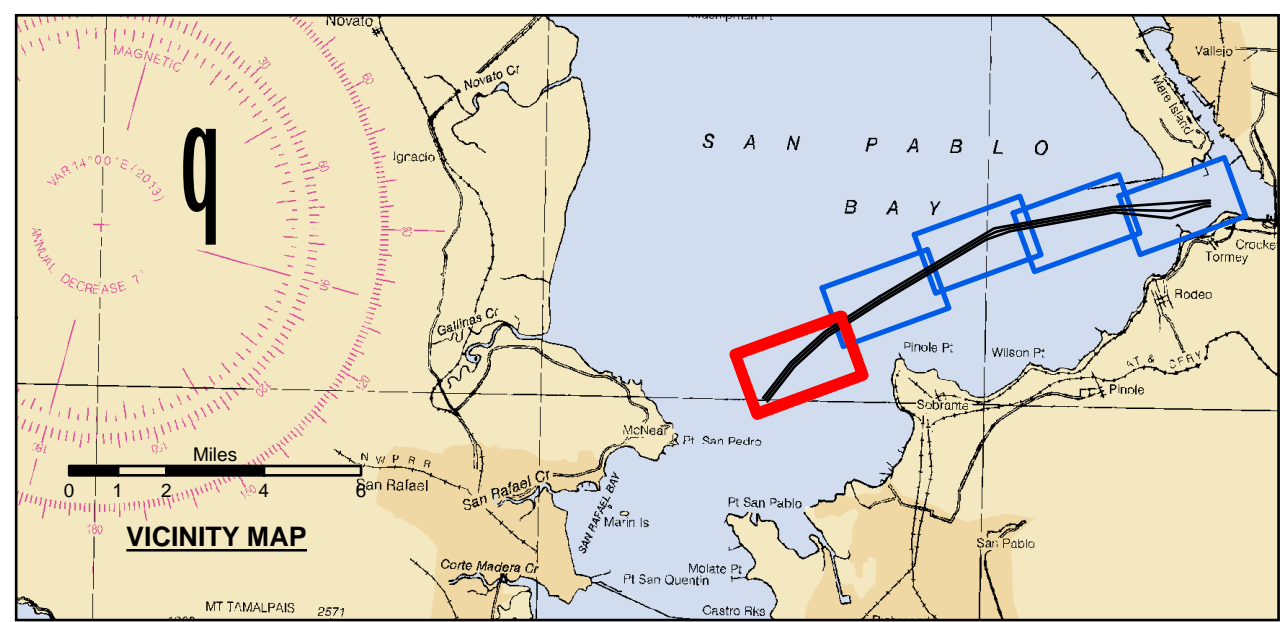
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Chart Date:	Mar 03, 2015
Designed by:	PDT
Drawn by:	PDT
Checked by:	PDT
Approved:	Chief, Construction Branch
Surveyed By:	JOHN C. MORROW
Plotted By:	PDT
Recommended:	Chief, Hydro Survey Section
Approved:	Chief, Construction Branch



PRELIMINARY ISSUE
 THIS PLAN ISSUED FOR
 ADVANCE INFORMATION ONLY

FLOOD a
 b EBB



	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				

NOTES:
 NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE III. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY. SURVEYED BY THE CORPS OF ENGINEERS.
 VERTICAL DATUM: Mean Lower Low Water (MLLW). SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.
 CONTROL: RTK POSITIONING AND TIDES: POINT PINOLE 4 RESID (PID - J72895) - NOAA TIDE STATION 941 5056 941 5218 L (No PID) - NOAA TIDE STATION 941 941 5218
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED TO REPRESENT THE GENERAL CONDITION EXISTING AT THAT TIME.
 BASE MAPS ARE USDA NAIP 2010.
 *SHOALEST SOUNDING PER QUARTER PER REACH

CALIFORNIA
PINOLE SHOALS
 24-25 FEBRUARY 2015
 CONDITION SURVEY

Sheet Reference Number
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