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|--|----------------------------|--|--------------------|-----------------|-----|
| | Federal Navigation Channel | | Beacon, General | Contours | |
| | Shoaling Areas | | Obstruction Point | | |
| | Placement Area | | Navigation Buoy | | |
| | Anchorage Area | | Navigation Buoy | | |
| | Wreck Area | | Shoalest Sounding* | | |
| | Submerged Wreck | | | | -20 |
| | Angle Point | | | | -19 |
| | | | | | -18 |
| | | | | | -17 |
| | | | | | -16 |

NOTES:
 DRAWING NOT TO BE USED FOR NAVIGATION, ONLY CHANNEL CONDITION AT DATE OF SURVEY. 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.
 INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
 SOUNDINGS ARE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT. SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY, NAVD 1988
 PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE 11 NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY NATIONAL OCEAN SURVEY.
 THE PROJECT DEPTH IS 20 FEET AT M.L.L.W.
 SOUNDINGS ARE BASED ON THE TIDE GAUGE.

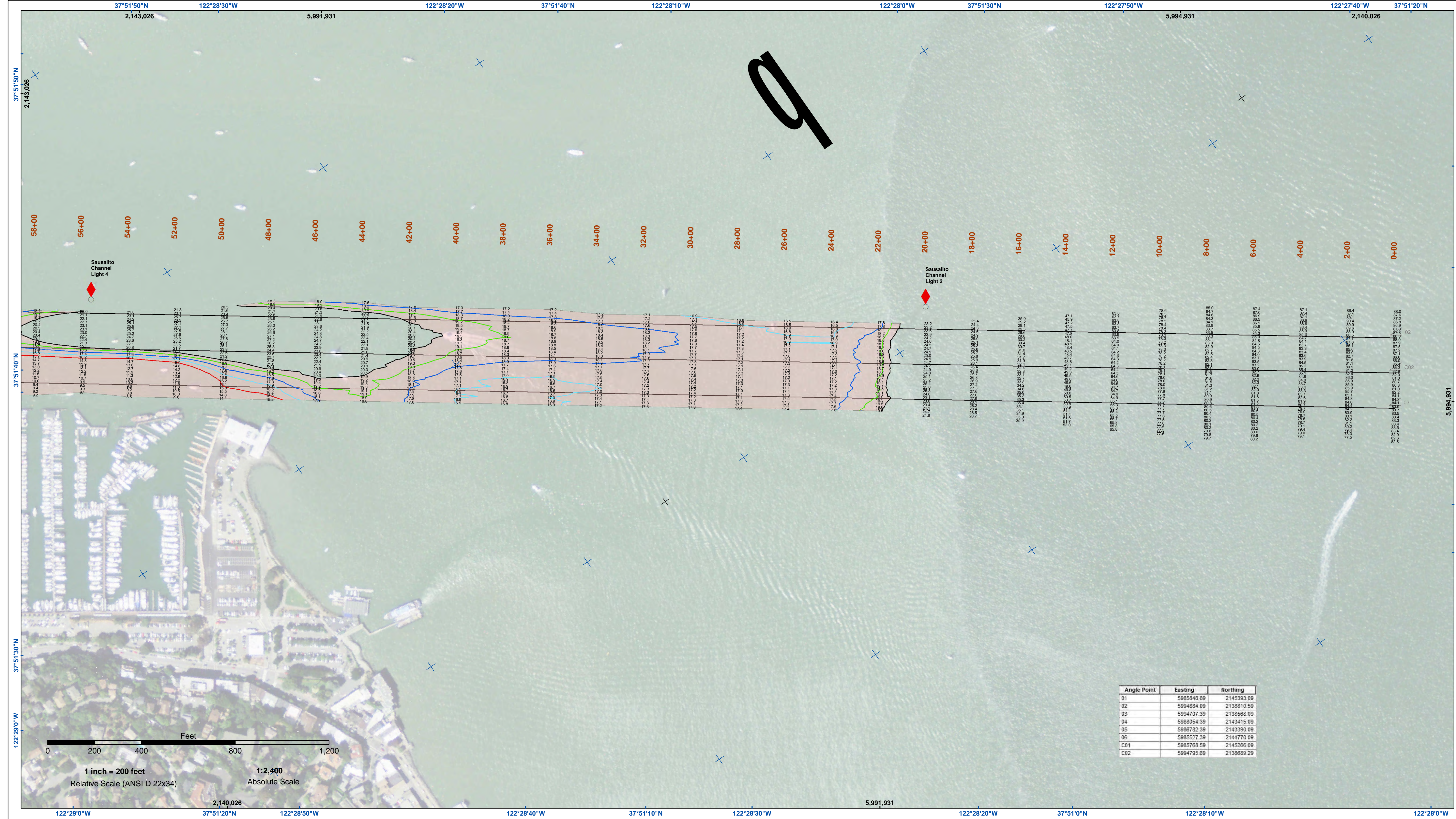
US Army Corps of Engineers
 San Francisco District
 1455 Market Street
 San Francisco, CA 94103

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| Chart Date: | Jan 04, 2017 |
| Surveyed By: | JOHN K. BAKER |
| Plotted By: | PDT |
| Checked By: | PDT |
| Drawn by: | PDT |

CALIFORNIA
 MARIN COUNTY
MARINSHIP CHANNEL (RICHARDSON BAY)
 CONDITION SURVEY
 06 DECEMBER 2016

Sheet Reference Number
 1 of 2



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

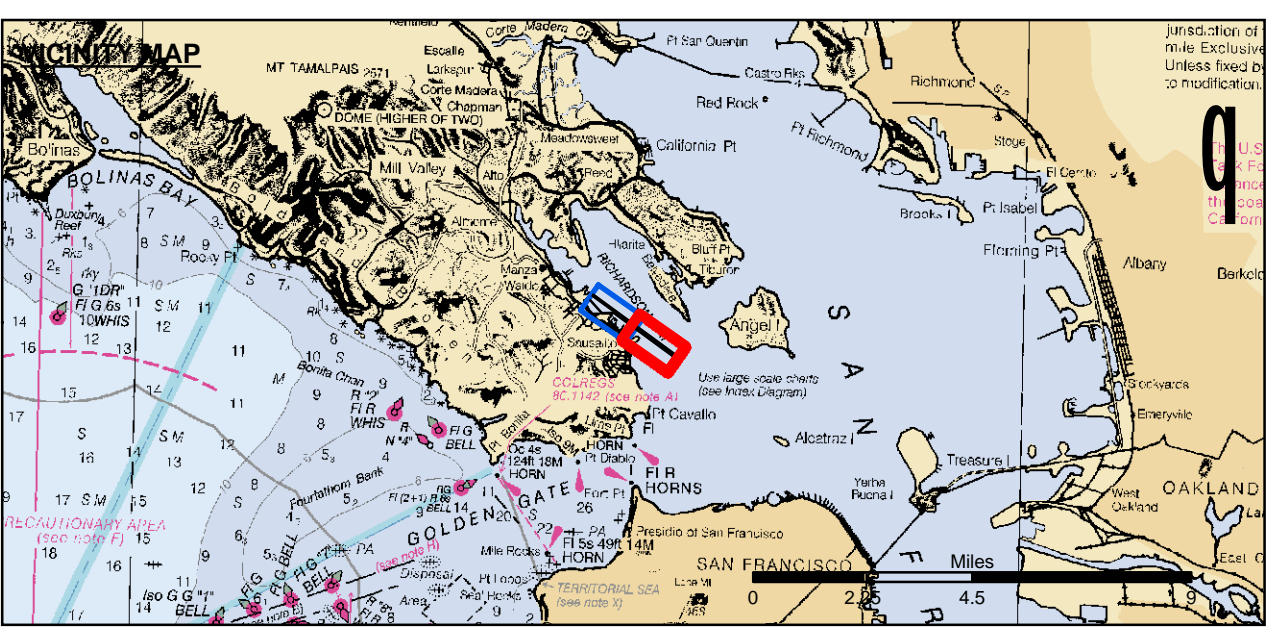
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37°51'50"N
37°51'40"N
37°51'30"N
37°51'20"N
122°29'0"W
122°28'30"W
122°28'0"W

122°28'0"W
122°27'40"W
122°27'20"W
122°27'0"W
122°26'40"W
122°26'20"W
122°26'0"W



| Angle Point | Easting | Northing |
|-------------|------------|------------|
| 01 | 5985648.89 | 2145383.09 |
| 02 | 5994684.09 | 2138810.59 |
| 03 | 5994707.39 | 2138566.09 |
| 04 | 5989054.39 | 2143415.09 |
| 05 | 598782.39 | 2143390.09 |
| 06 | 598527.39 | 2144770.09 |
| C01 | 5985768.59 | 2145286.09 |
| C02 | 5994795.69 | 2138689.29 |



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| Prepared Under the Direction of | Chart Date: | Jan 04, 2017 |
| JOHN K. BAKER | Surveyed By: | |
| LT. COLONEL, C.E., DISTRICT ENGINEER | Plotted By: | PDT |
| Submitted: | Hydro Survey Team Leader | |
| Recommended: | Chief, Hydro Survey Section | |
| Approved: | Chief, Construction Branch | |
| Designed by: | PDT | |
| Drawn by: | PDT | |

CALIFORNIA
MARINSHIP CHANNEL (RICHARDSON BAY)
 CONDITION SURVEY
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