

NAD 1983 CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	6026179.8786	2110456.6847
C2	6036179.5786	2109609.6847
C3	6041408.1786	2109165.6847

NAD 1983 CHANNEL ANGLE POINTS

∠ PT	X	Y
1	6026357.7786	2112557.2847
2	6029385.6786	2110686.9847
3	6038879.2786	2109882.6847
4	6040133.2786	2109936.7847
5	6040810.9886	2109821.1847
6	6041454.6986	2109766.6547
7	6041317.3786	2107991.8847
8	6040818.7786	2107851.7847
9	6039810.7786	2107726.3847
10	6039283.0786	2107421.5847
11	6038409.3786	2107473.7847
12	6037306.8786	2108179.3847
13	6036137.3786	2109111.4847
14	6029341.1786	2109687.1847
15	6026005.0786	2108394.1847

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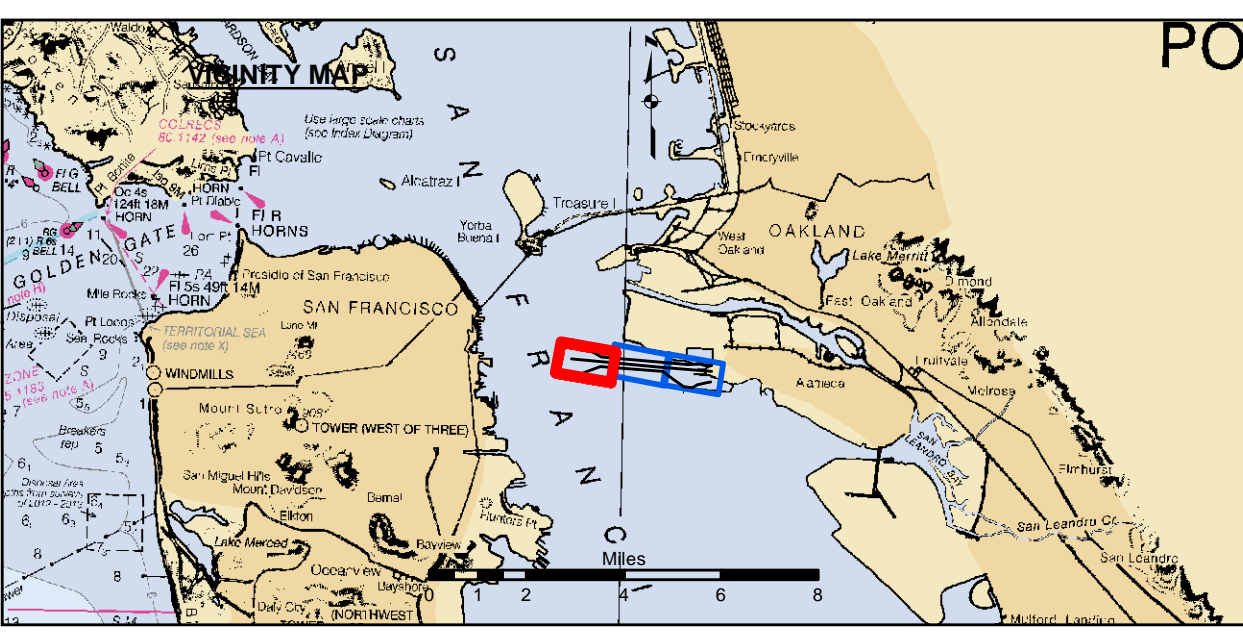
**US Army Corps of Engineers**  
San Francisco District  
1455 Market Street  
San Francisco, CA 94103

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Prepared Under the Direction of <b>KEVIN P. ARNETT</b> LT Colonel, C.E., District Engineer	Chart Date: Dec 19, 2022
Submitted by: Hydro Survey Team Leader	Designed by: PDT
Recommended by: Chief, Hydro Survey Section	Plotted by: PDT
Approved by: Chief, Construction Branch	Checked by: PDT
	Drawn by: PDT

CALIFORNIA  
**ALAMEDA COUNTY**  
**ALAMEDA NAVAL AIR STATION**  
CONDITION SURVEY  
1-2 NOVEMBER 2022

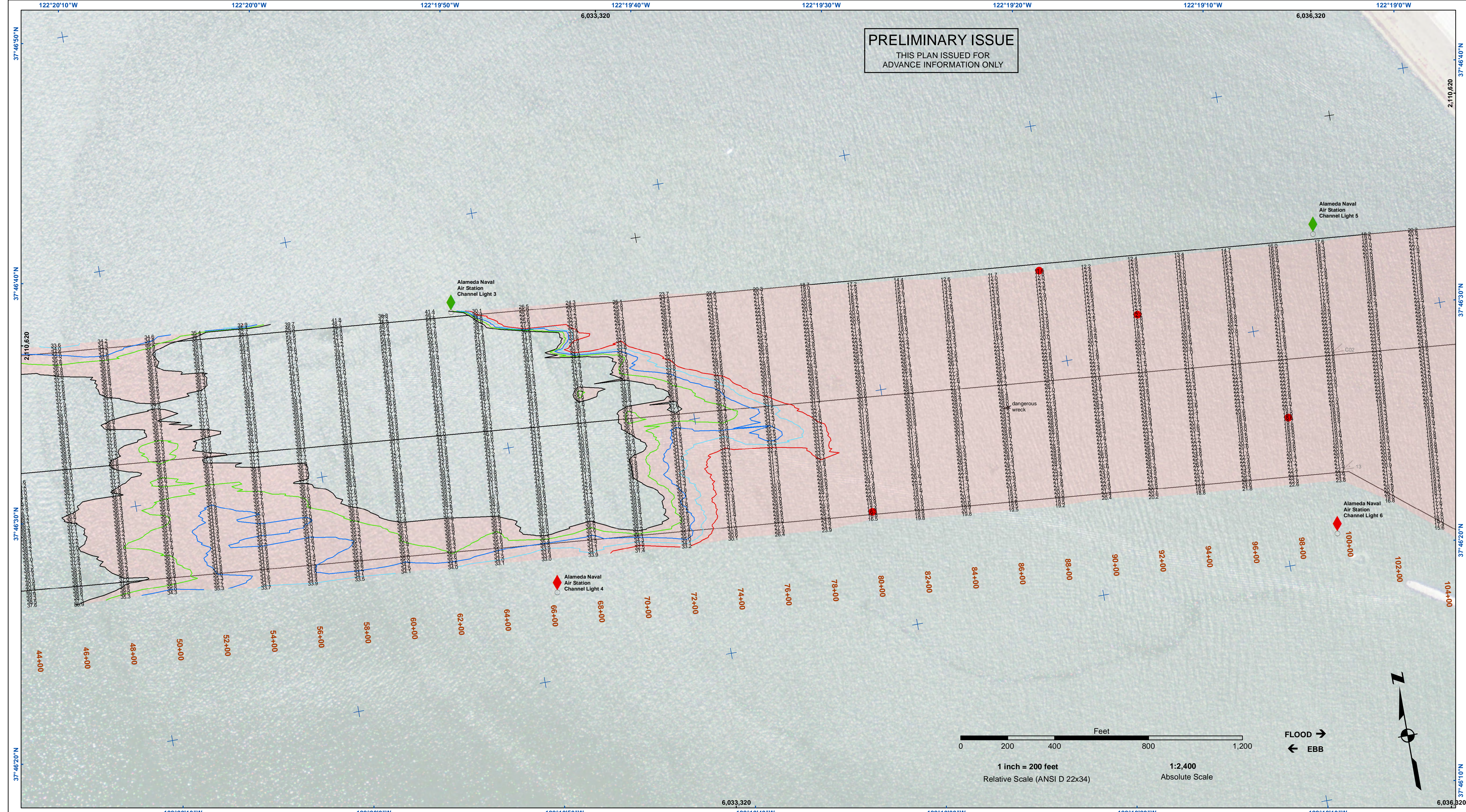
**Sheet Reference Number**  
1 of 3



- |                            |                    |                      |
|----------------------------|--------------------|----------------------|
| Federal Navigation Channel | Beacon, General    | <b>Contour Lines</b> |
| Shoaling Area              | Obstruction Point  | -37                  |
| Placement Area             | Navigation Buoy    | -36                  |
| Anchorage Area             | Navigation Buoy    | -35                  |
| Wreck Area                 | Shoalest Sounding* | -34                  |
| Submerged Wreck            |                    | -33                  |
| Angle Point                |                    |                      |

**NOTES:**  
HORIZONTAL COORDINATE SYSTEM:  
NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE III. DISTANCE UNITS IN U.S. SURVEY FEET.  
VERTICAL DATUM:  
SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MEAN LOWER LOW WATER.  
BASE MAPS ARE USDA NAIP 2010.  
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.  
\*SHOALEST SOUNDING PER QUARTER PER REACH

DRAWING NOT TO BE USED FOR NAVIGATION.  
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SURVEYED BY THE CORPS OF ENGINEERS.  
BASE MAPS ARE USDA NAIP 2010.  
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 37 FT. AT MLLW.  
VERTICAL CONTROL:  
PRIMARY BENCHMARK: 941 4750 TIDAL 8  
PID: HT0890  
MLLW: 12.40 FT. (NAVD88 + 0.23 FT.)  
TIDAL EPOCH: 1983-2001  
NOAA ONLINE TIDES @ 9414750 ALAMEDA, CA.  
TIDE DATA LOCATED AT:  
[http://tidesandcurrents.noaa.gov/data\\_menu.shtml?stn=9414750](http://tidesandcurrents.noaa.gov/data_menu.shtml?stn=9414750) Alameda, CA>Type=Tide Data  
HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON.



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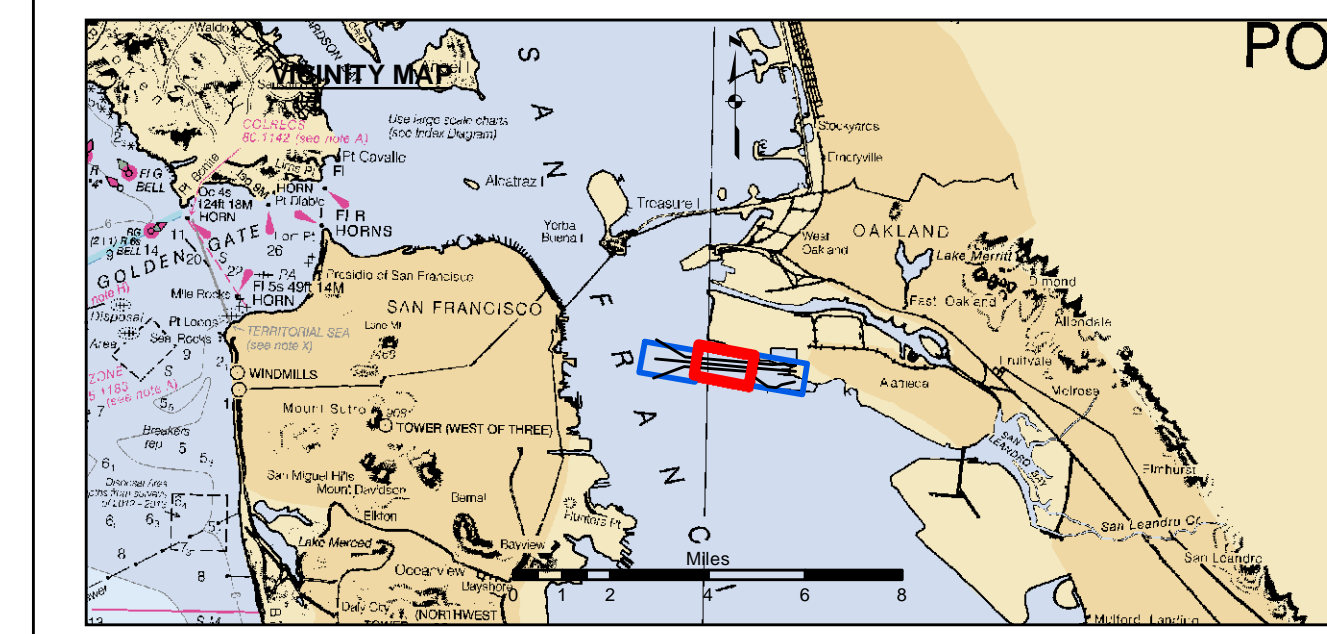
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Prepared Under the Direction of	Chart Date:
KEVIN P. ARNETT	Dec 19, 2022
Subproject:	Plotted By:
Hydro Survey Team Leader	PDT
Recommended:	Checked By:
Chief, Hydro Survey Section	PDT
Approved:	Drawn by:
Chief, Construction Branch	PDT

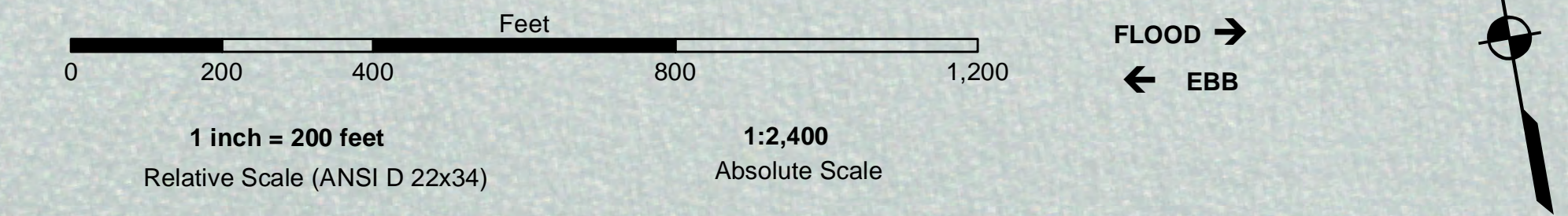
CALIFORNIA  
ALAMEDA COUNTY  
**ALAMEDA NAVAL AIR STATION**  
CONDITION SURVEY  
1-2 NOVEMBER 2022

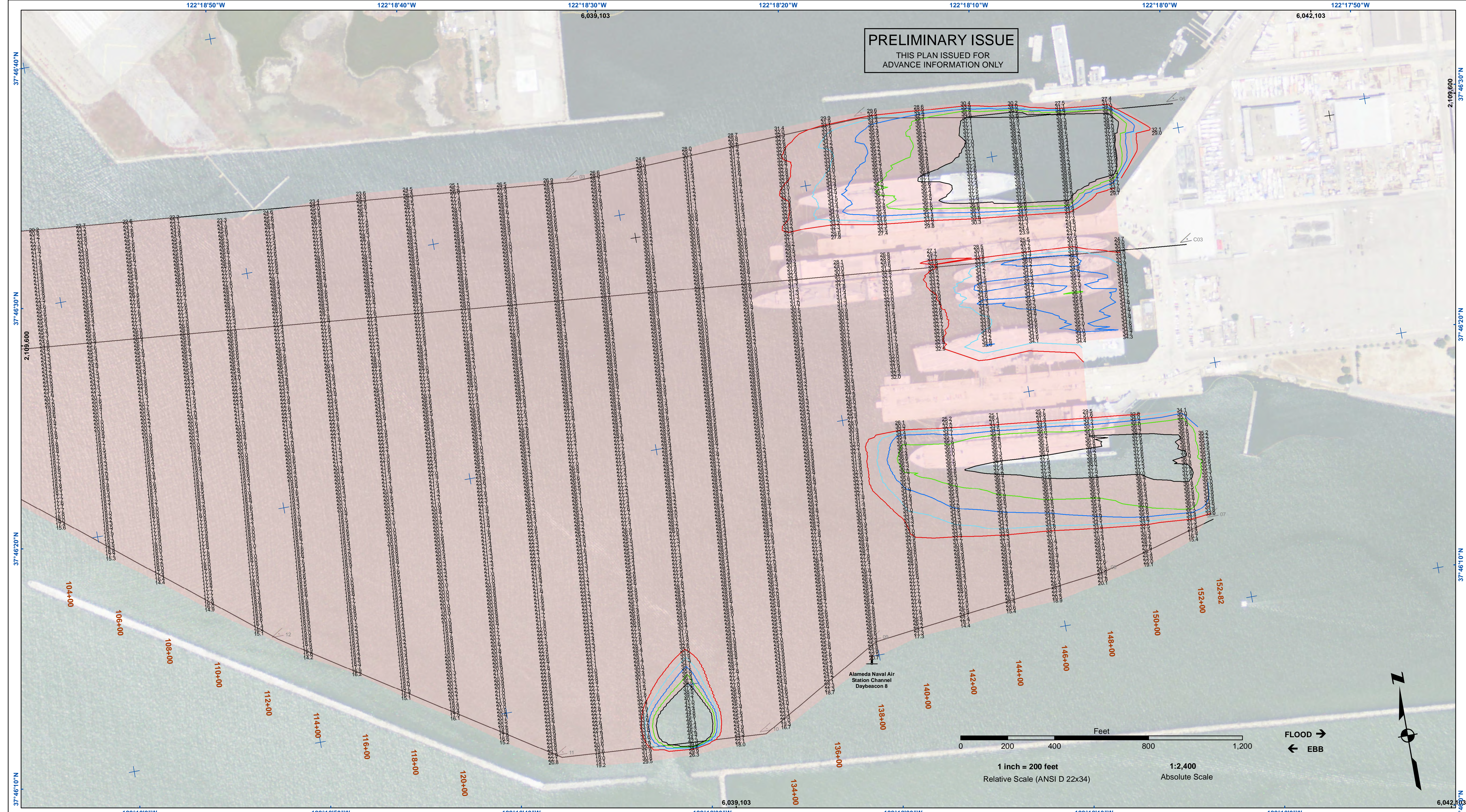
**Sheet Number**  
2 of 3



- 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\*
- Contour Lines**
- 37
  - 36
  - 35
  - 34
  - 33

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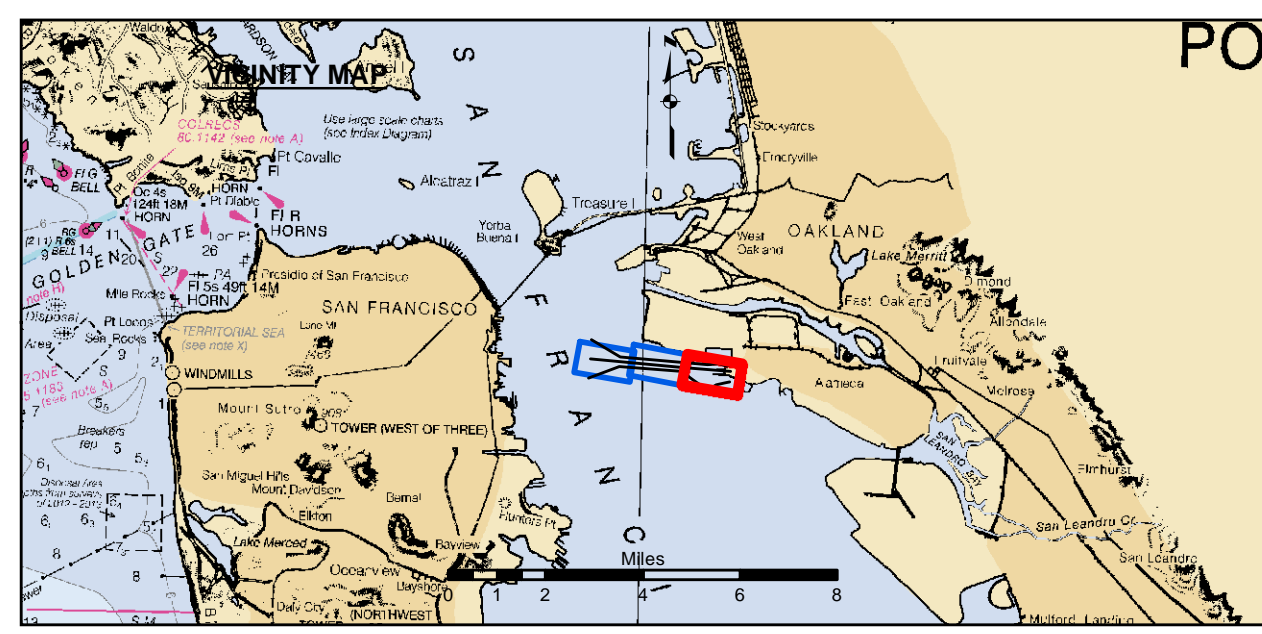
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Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

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**ALAMEDA NAVAL AIR STATION**  
CONDITION SURVEY  
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