



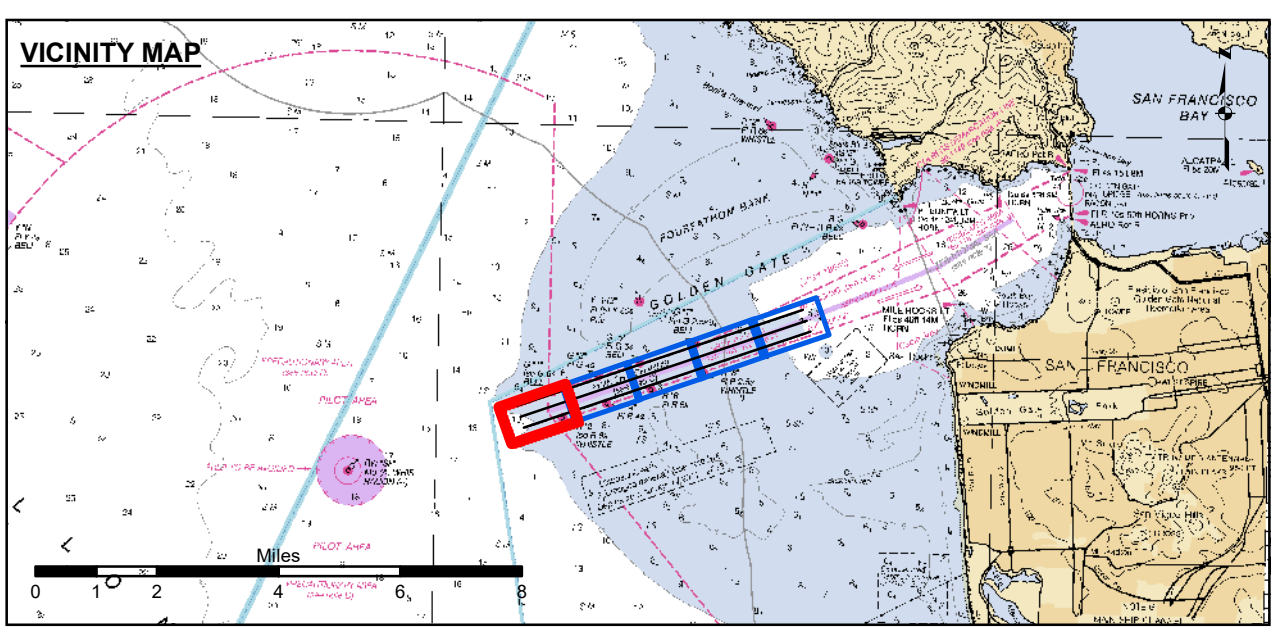
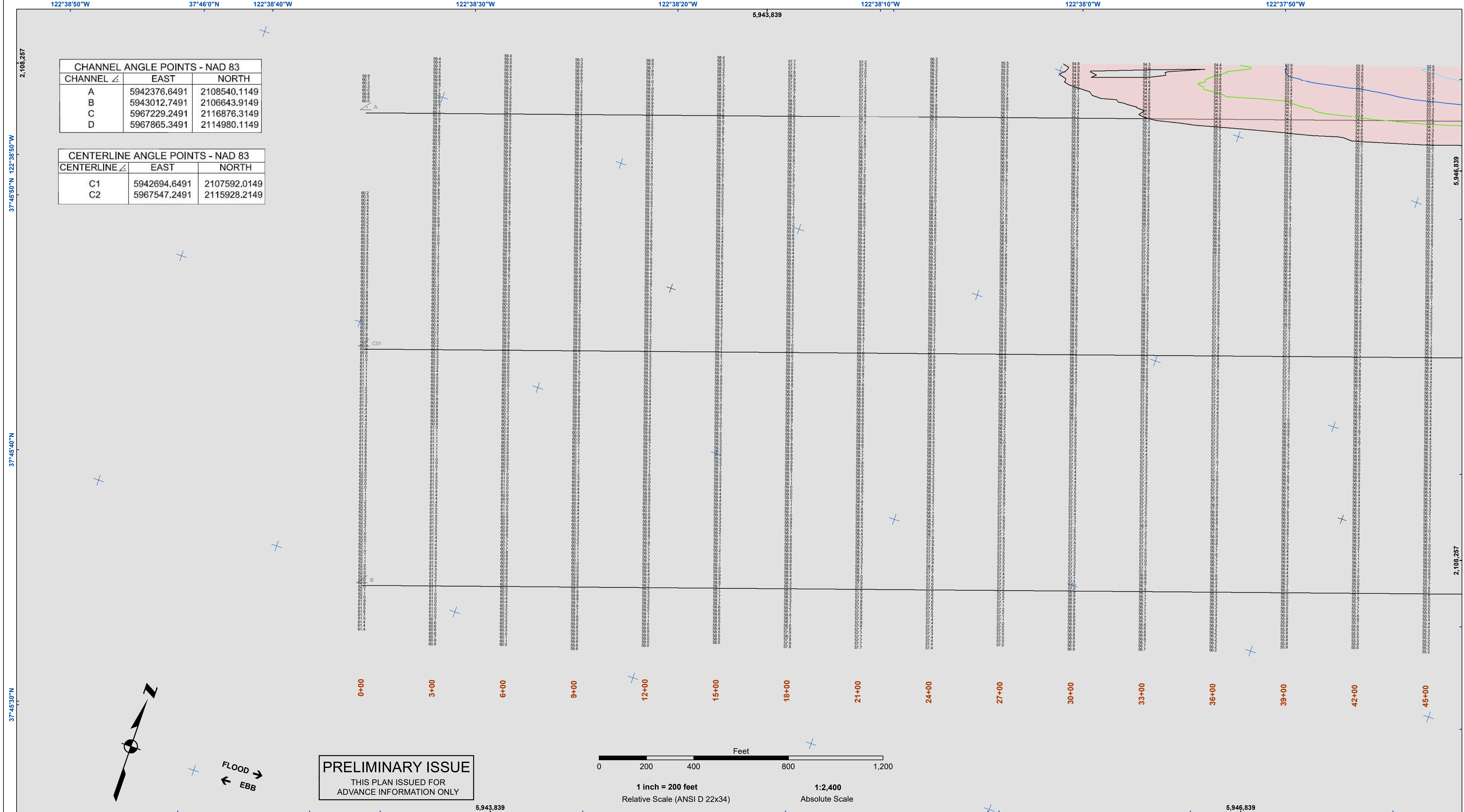
US Army Corps of Engineers
San Francisco District
450 Golden Gate Ave
San Francisco, CA 94102

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Prepared Under the Direction of	Surveyed By:	Chart Date:
LT COLONEL C.E. ARNETT	Apr 20, 2022	
Submitted:	Plotted By:	Designed by:
Hydro Survey Team Leader	PDT	
Recommended:	Checked By:	Drawn by:
Chief, Hydro Survey Section	PDT	PDT
Approved:	Chief, Construction Branch	

SAN FRANCISCO BAY
SAN FRANCISCO
MAINSHIP CHANNEL
CONDITION SURVEY
08 MARCH - 19 APRIL 2022

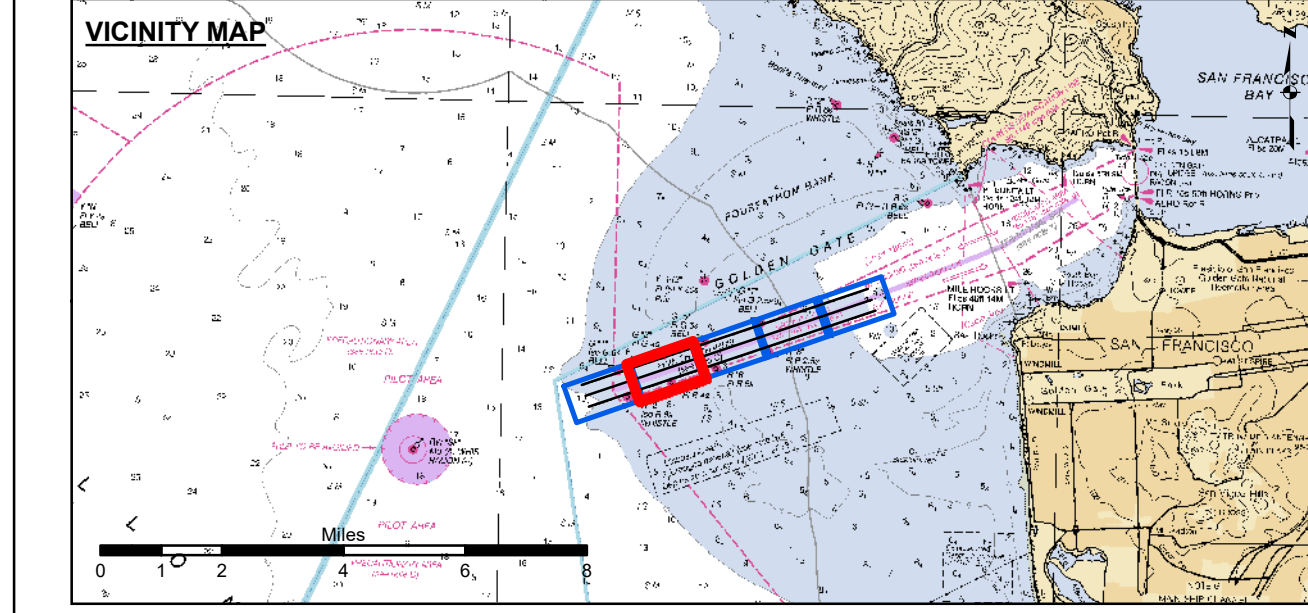
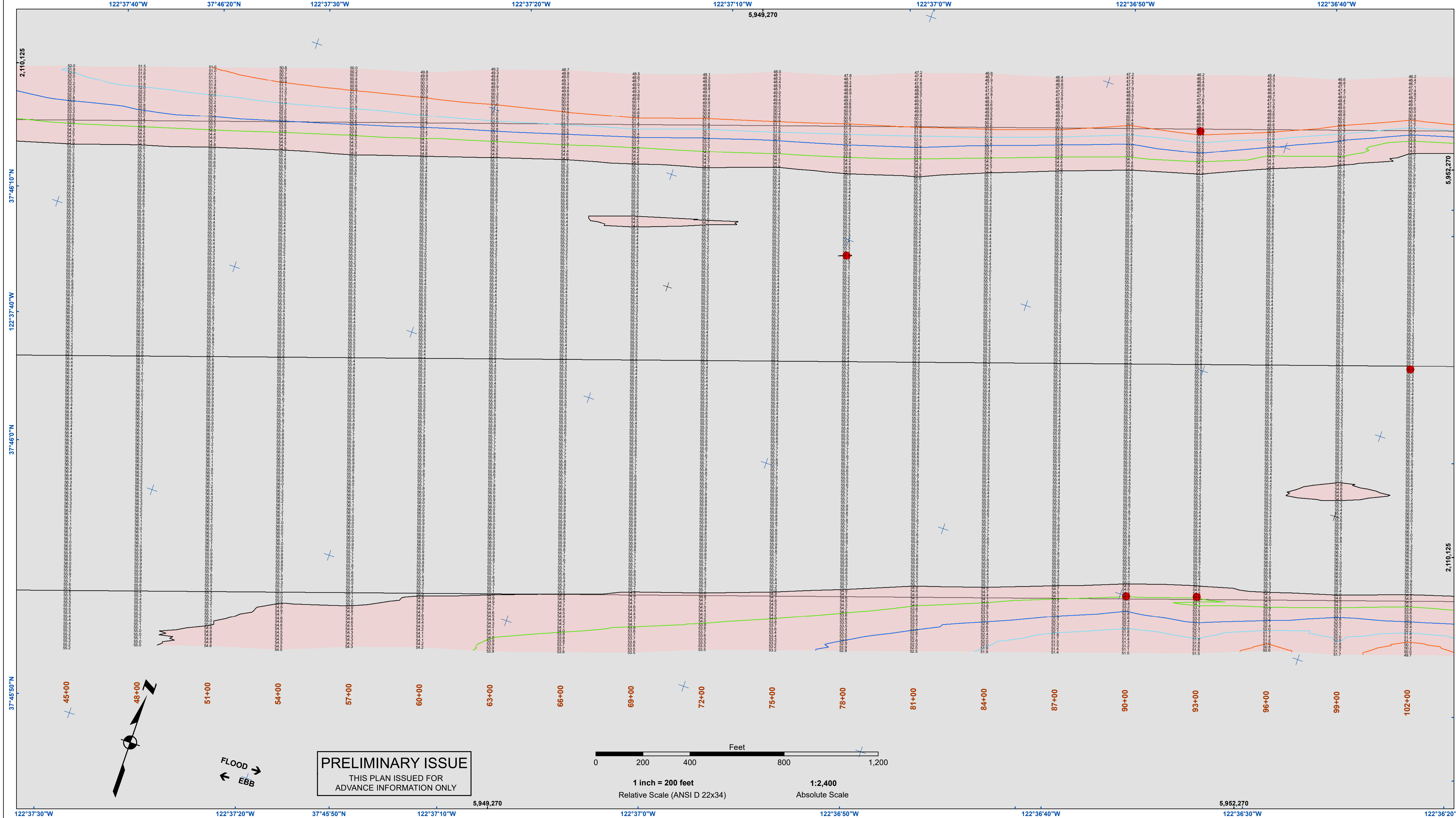
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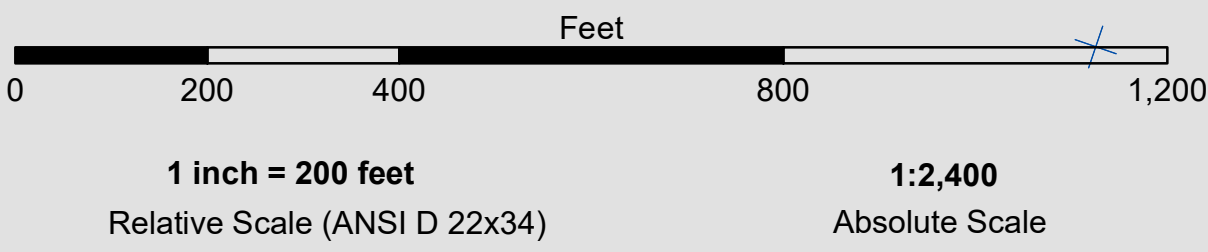
- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point
- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding*
- Contour Lines**
- 51
- 52
- 53
- 54
- 55

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.
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SURVEYED BY THE CORPS OF ENGINEERS.
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VERTICAL CONTROL:
BENCHMARK "Q-481" US&GS DISK ELEV. 19.54 FT MLLW.
HORIZONTAL CONTROL:
COAST GUARD D-BEACON.



PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



- | | | | | | |
|--|----------------------------|--|--------------------|----------------------|----|
| | Federal Navigation Channel | | Beacon, General | Contour Lines | |
| | Shoaling Area | | Obstruction Point | | |
| | Placement Area | | Navigation Buoy | | |
| | Anchorage Area | | Navigation Buoy | | |
| | Wreck Area | | Shoalest Sounding* | | |
| | Submerged Wreck | | | | 51 |
| | Angle Point | | | | 52 |
| | | | | | 53 |
| | | | | | 54 |
| | | | | | 55 |

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Prepared Under the Direction of	Surveyed By:	Chart Date:
LT COLONEL C.E. DISTRICT ENGINEER	KEVIN P. ARNETT	Apr 20, 2022
Submitted:	Plotted By:	Designed by:
Hydro Survey Team Leader	PDT	PDT
Recommended:	Checked By:	Drawn by:
Chief, Hydro Survey Section	PDT	PDT
Approved:	Chief, Construction Branch	

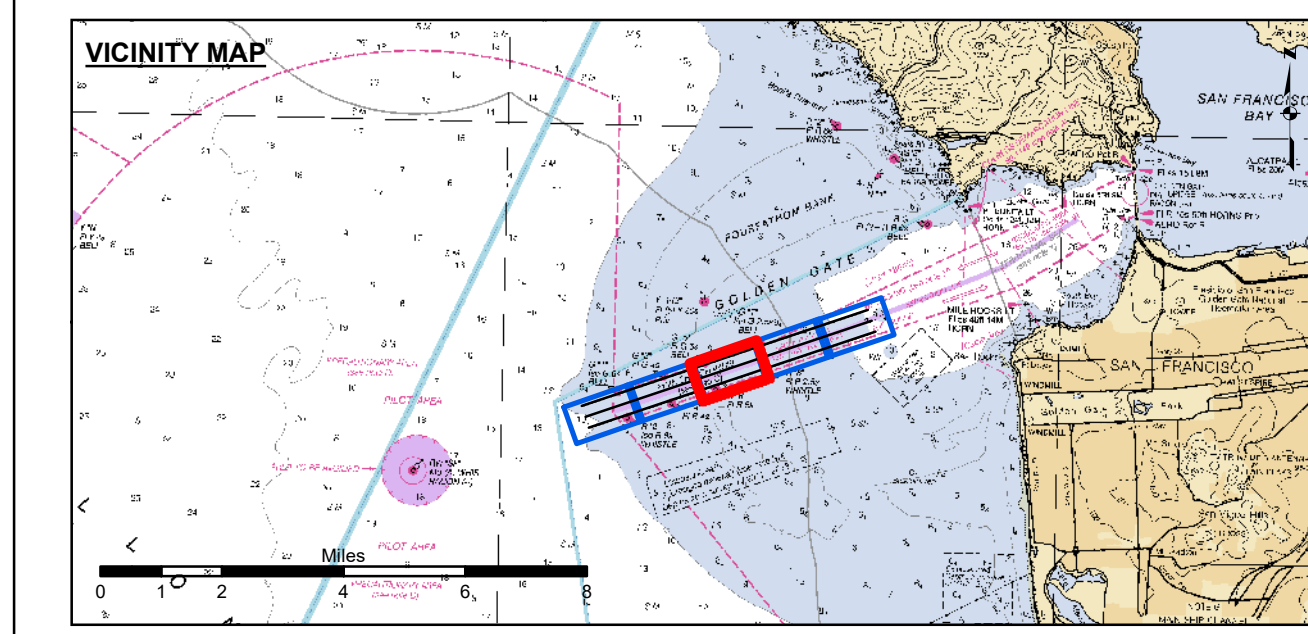
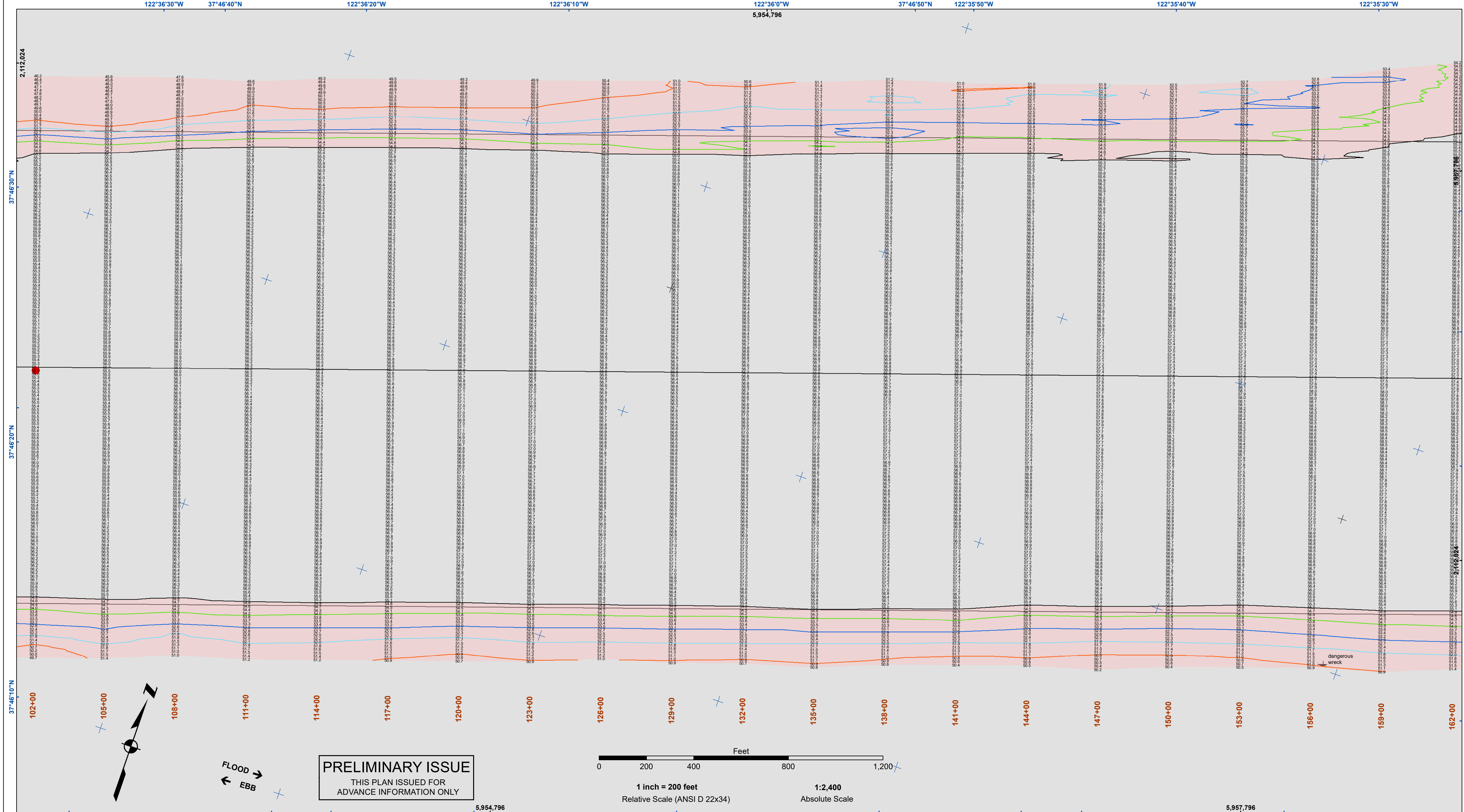
SAN FRANCISCO BAY
CALIFORNIA
SAN FRANCISCO MAINSHIP CHANNEL
CONDITION SURVEY
08 MARCH - 19 APRIL 2022

Sheet Reference Number
2 of 5

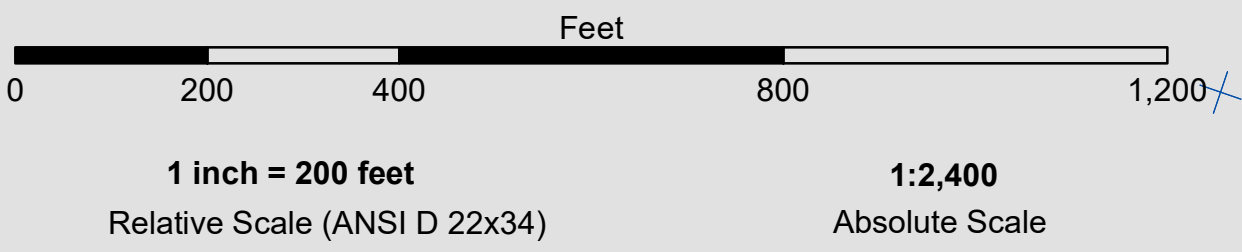


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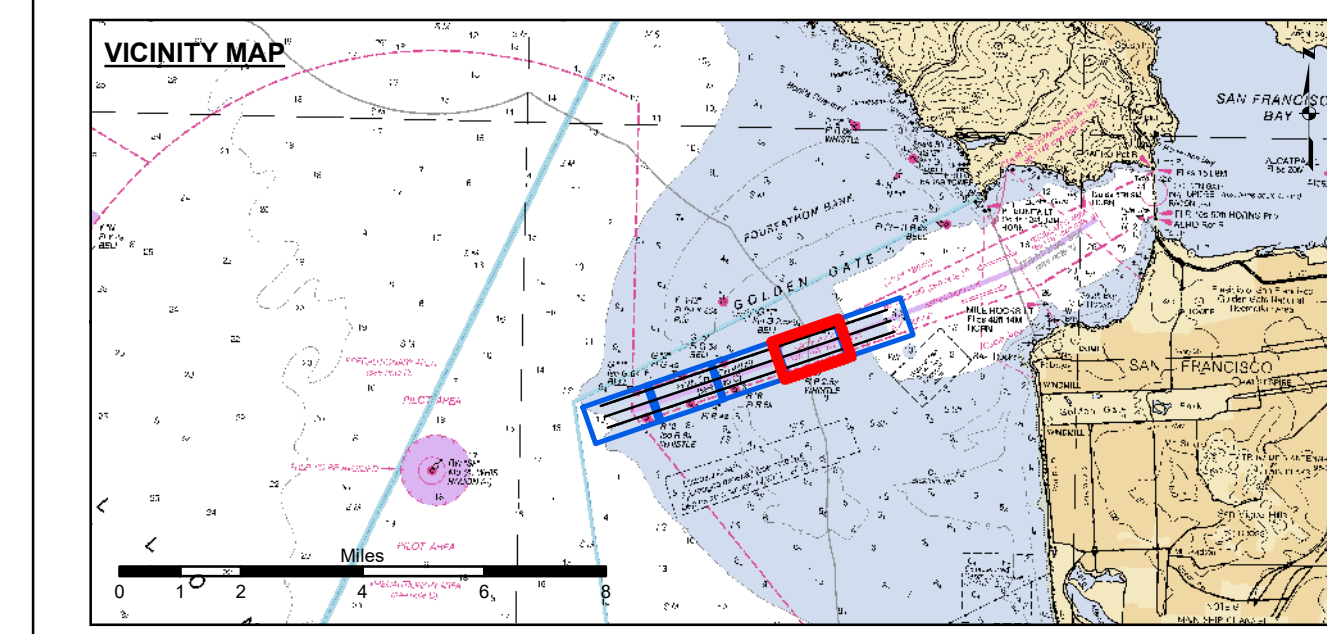
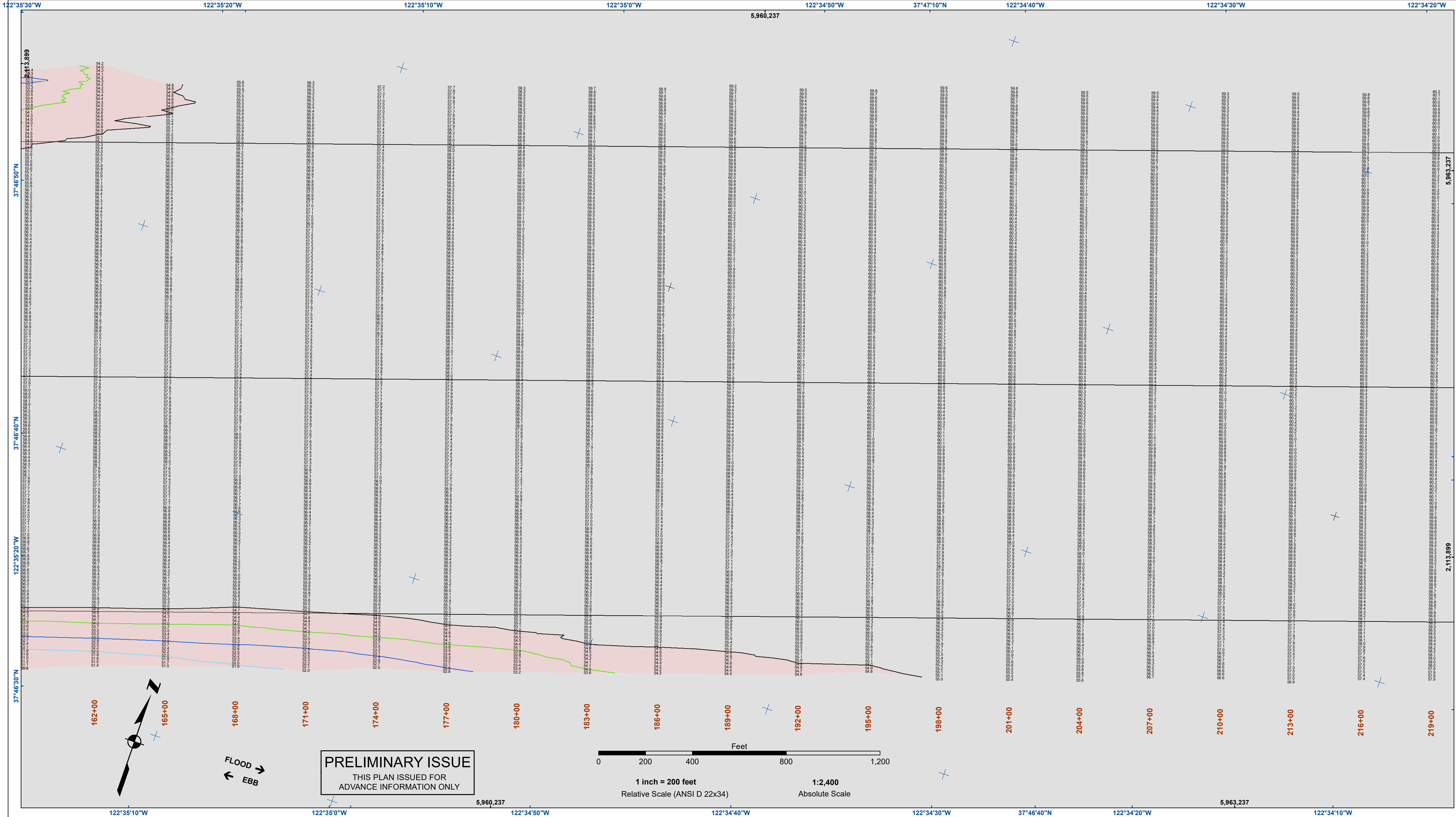
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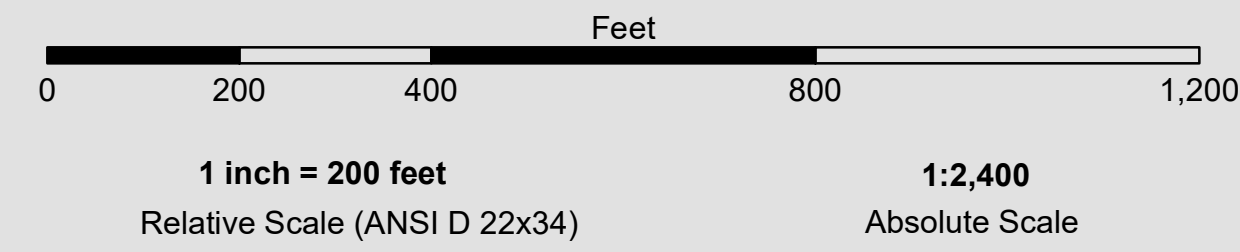
PREPARED UNDER THE DIRECTION OF	Surveyed By:	Chart Date:
KEVIN P. ARNETT	Kevin P. Arnett	Apr 20, 2022
LT COLONEL, C.E. DISTRICT ENGINEER	Plotted By:	Designed by:
	PDT	PDT
Submitted:	Hydro Survey Team Leader	Recommended:
	Chief, Hydro Survey Section	Checked By:
		PDT
Approved:	Chief, Construction Branch	Drawn by:
		PDT

SAN FRANCISCO BAY
 SAN FRANCISCO
 MAINSHIP CHANNEL
 CONDITION SURVEY
 08 MARCH - 19 APRIL 2022

Sheet Reference Number
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PRELIMINARY ISSUE
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- Federal Navigation Channel
 - Shoaling Area
 - Placement Area
 - Anchorage Area
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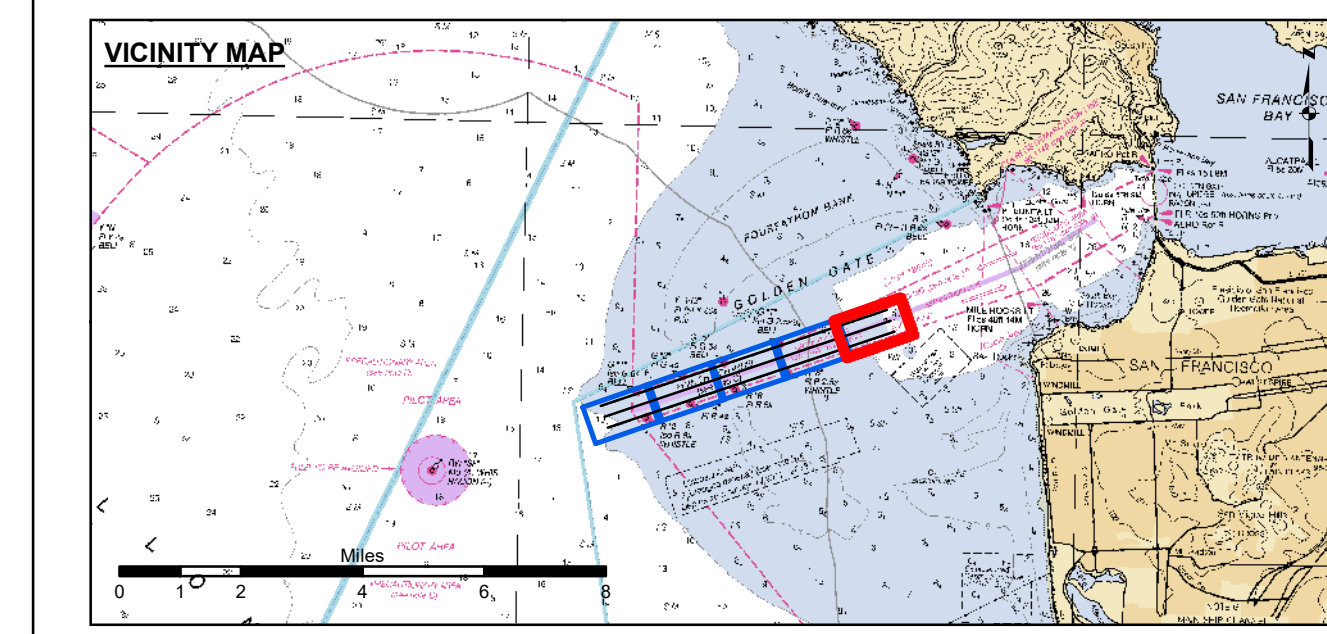
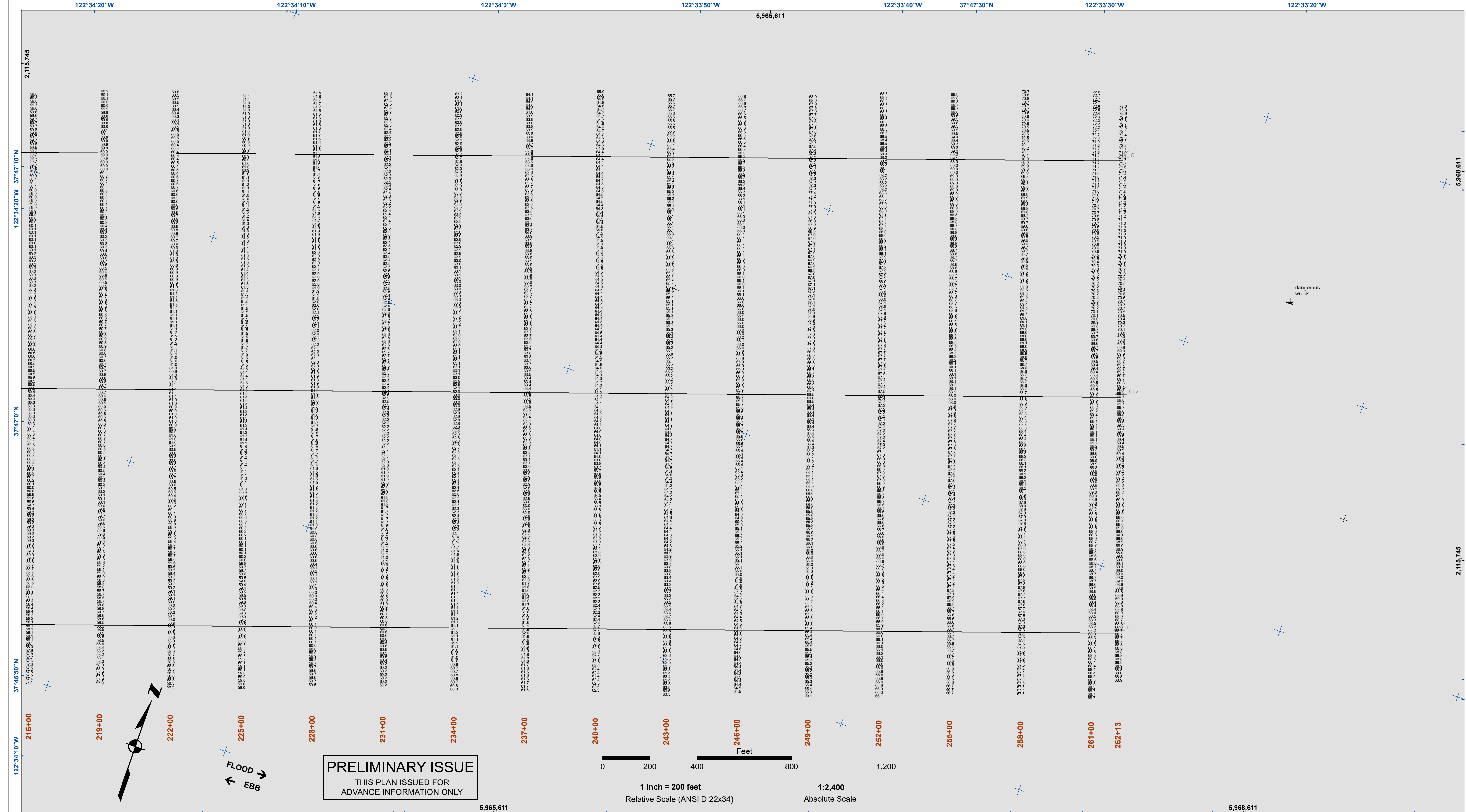


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PREPARED UNDER THE DIRECTION OF KEVIN P. ARNETT LT COLONEL, C.E., DISTRICT ENGINEER	Surveyed By:	Chart Date:
Submittal: Hydro Survey Team Leader	Plotted By:	Apr 20, 2022
Recommendation: Chief, Hydro Survey Section	Checked By:	Designed by:
Approval: Chief, Construction Branch	PDT	PDT

SAN FRANCISCO BAY
SAN FRANCISCO
MAINSHIP CHANNEL
CONDITION SURVEY
08 MARCH - 19 APRIL 2022

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- Federal Navigation Channel
 - Shoaling Area
 - Placement Area
 - Anchorage Area
 - Wreck Area
 - Submerged Wreck
 - Angle Point
 - Beacon, General
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 - Navigation Buoy
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Prepared Under the Direction of KEVIN P. ARNETT LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: Apr 20, 2022
Submitted: Hydro Survey Team Leader	Designed by: PDT
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Approved: Chief, Construction Branch	

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