

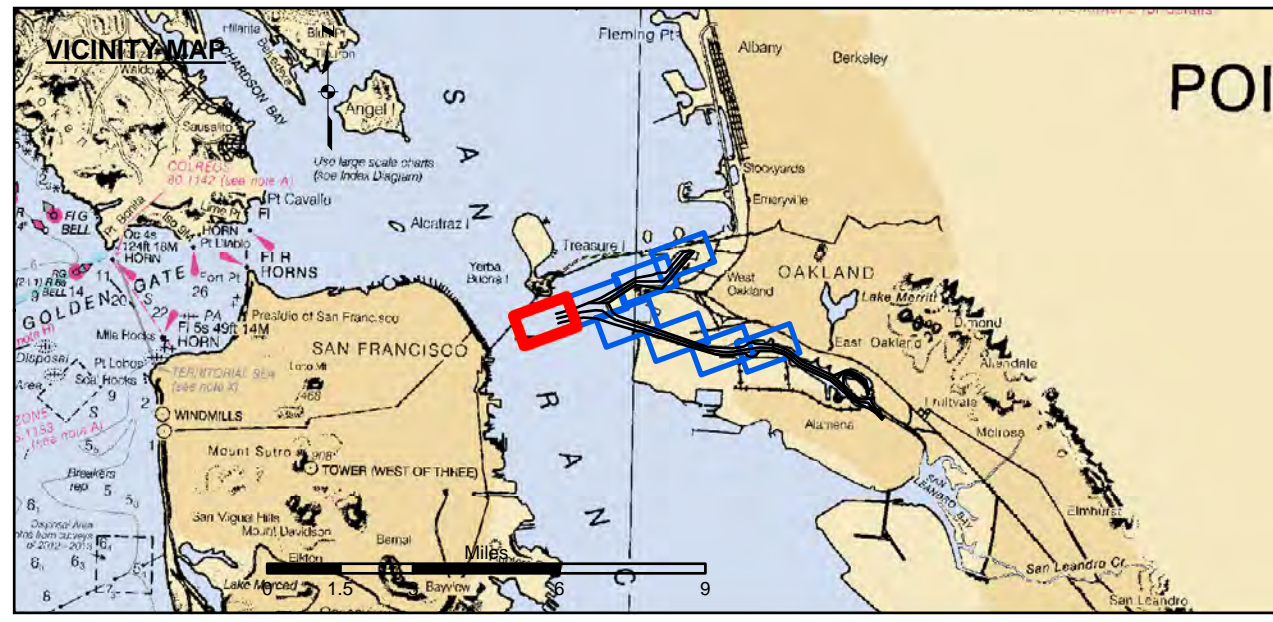
US Army Corps of Engineers
 San Francisco District
 1455 Market Street
 San Francisco, CA 94103

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Prepared Under the Direction of TRAVIS J. RAYFIELD LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: Feb 01, 2018
Subproject: Hydro Survey, Team Leader	Designed by:
Recommendation: Navigation Technical Manager	Flattened by:
Approved: Project Manager	Checked by:
	Drawn by:

ALAMEDA COUNTY CALIFORNIA
OAKLAND INNER HARBOR
 REACH 1A - 1C
 POST-DREDGE SURVEY
 04 DECEMBER 2017
 17 & 29 JANUARY 2018

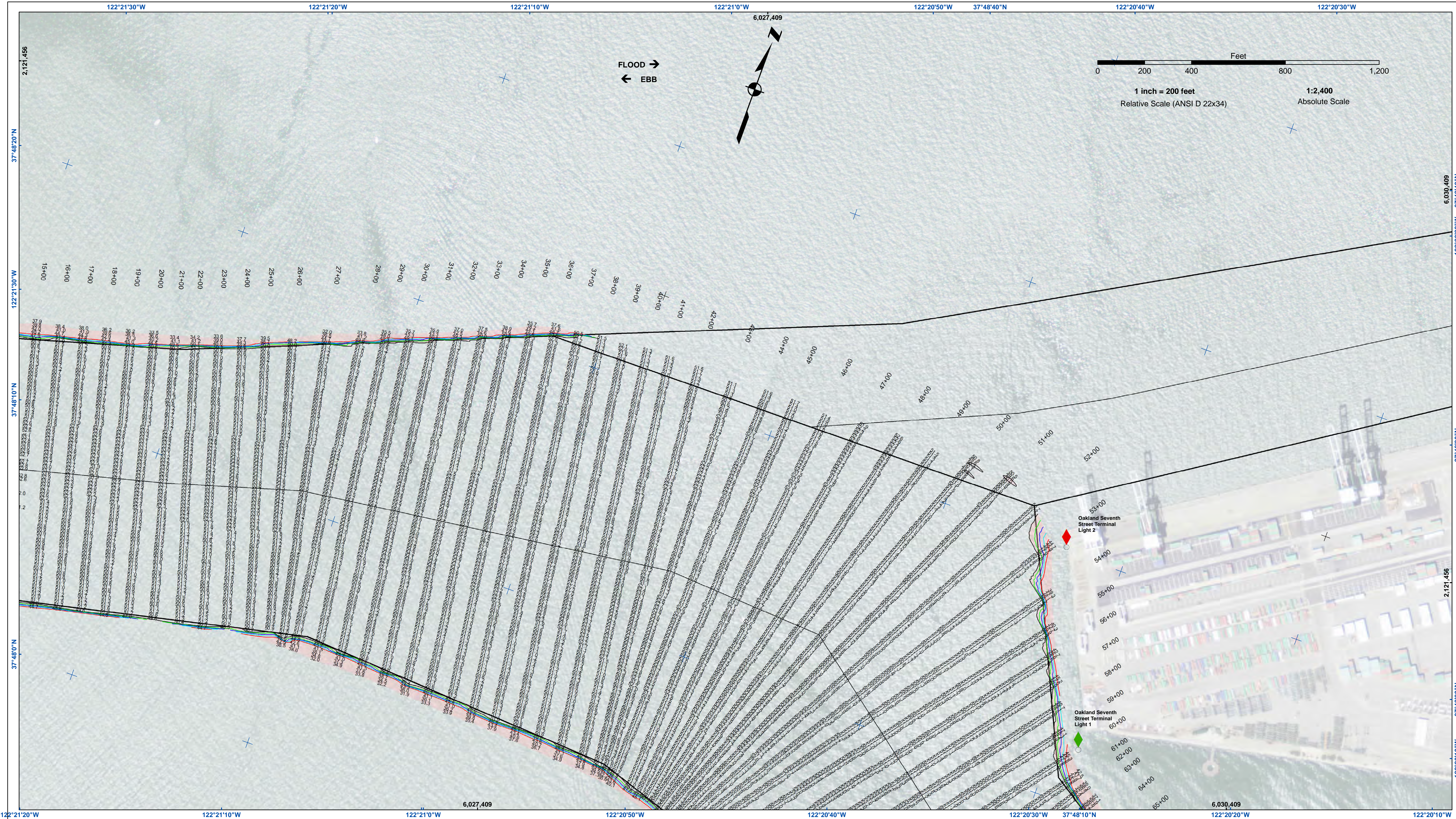
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|----------------------------|--------------------|----------|
| Federal Navigation Channel | Beacon, General | Contours |
| Shoaling Area | Obstruction Point | -50 |
| Placement Area | Navigation Buoy | -49 |
| Anchorage Area | Navigation Buoy | -48 |
| Wreck Area | Shoalest Sounding* | -47 |
| Submerged Wreck | | -46 |
| 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.
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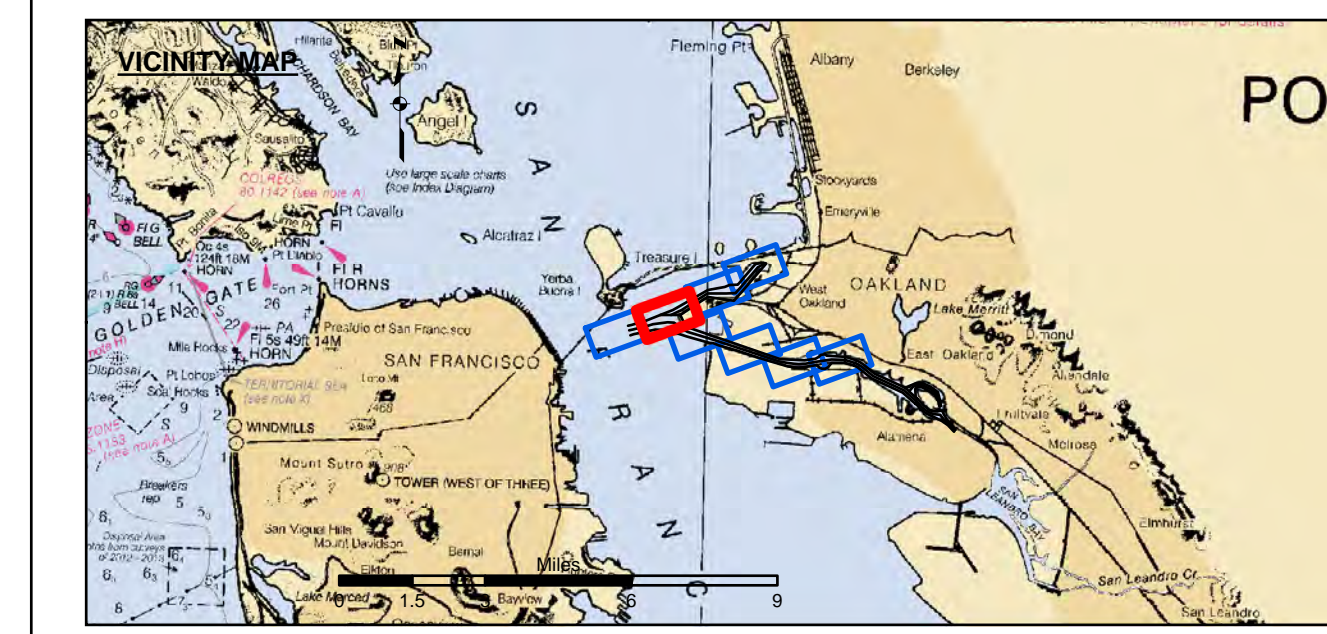


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Prepared Under the Direction of	Chart Date
TRAVIS J. RAYFIELD	Feb 01, 2018
Subject	Designed by
Hydro Survey Team Leader	
Recommended	Checked by
Navigation Technical Manager	
Approved	Drawn by
Project Manager	

ALAMEDA COUNTY CALIFORNIA
OAKLAND INNER HARBOR
 REACH 1A - 1C
 POST-DREDGE SURVEY
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Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-50
Placement Area	Navigation Buoy	-49
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Submerged Wreck		-46
Angle Point		

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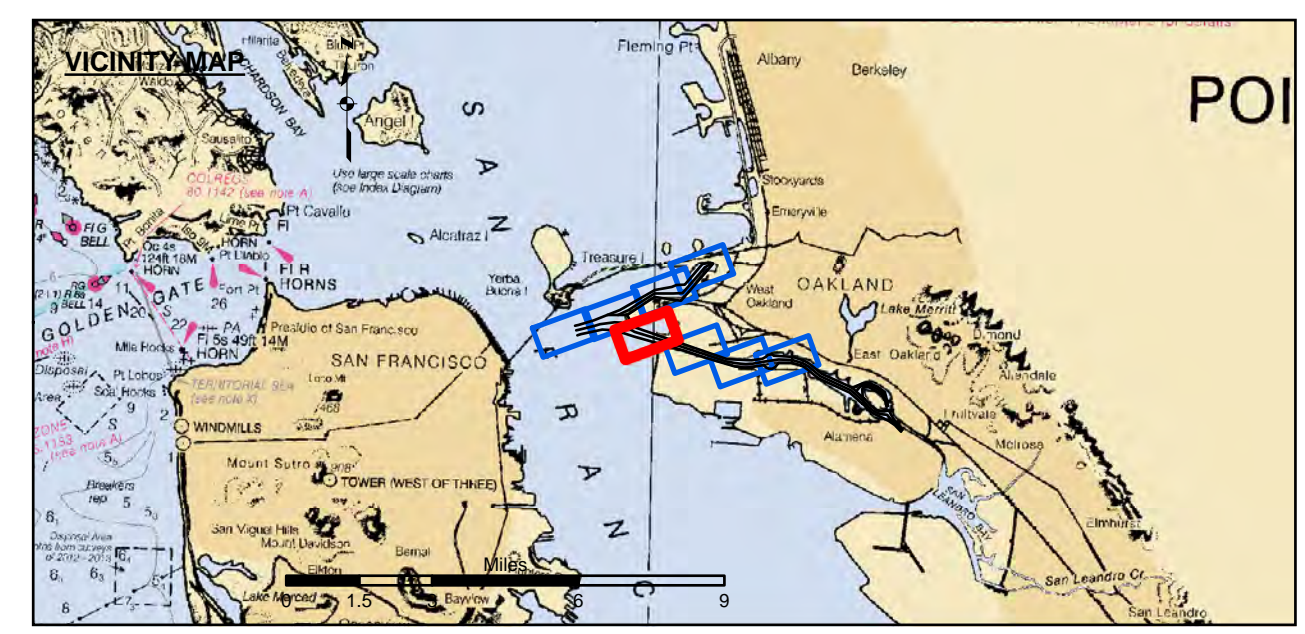
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Surveyed By:	TRAVIS J. RAYFIELD
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Checked By:	
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