

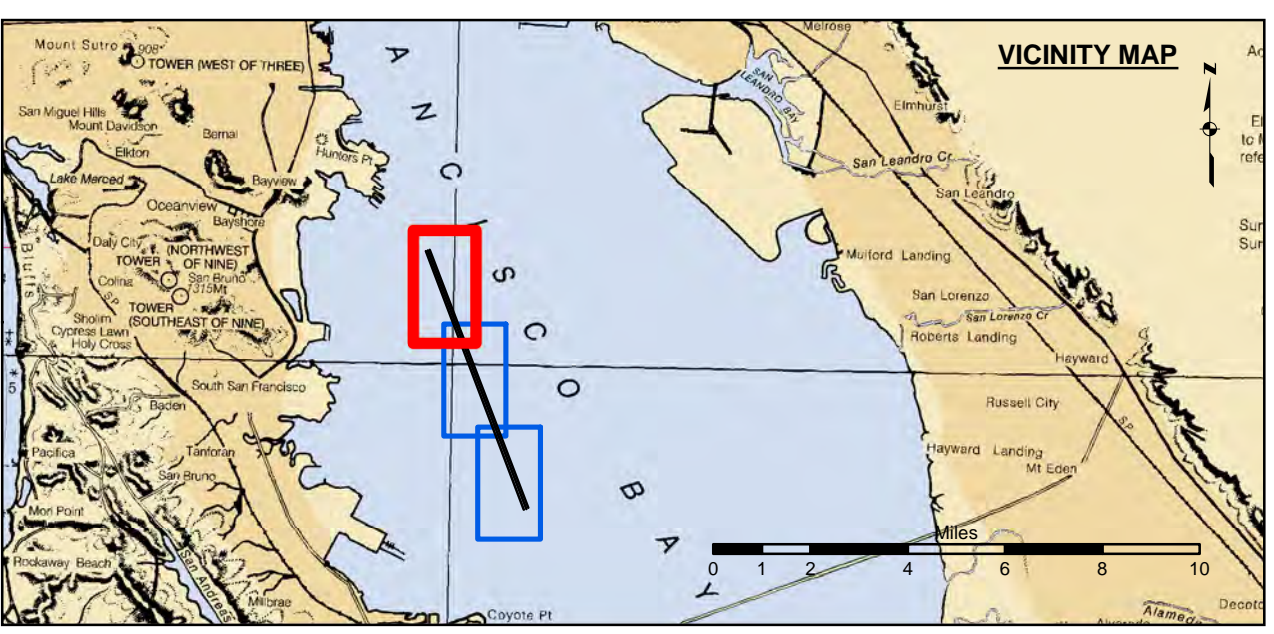
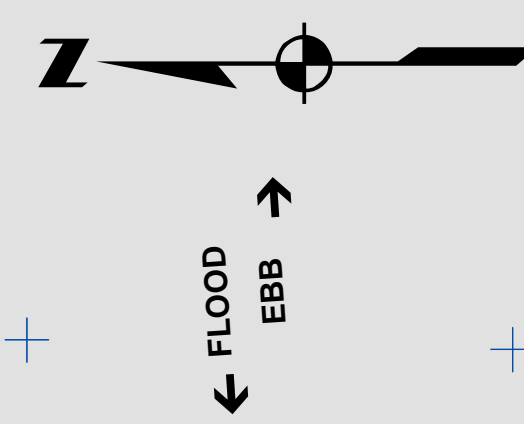
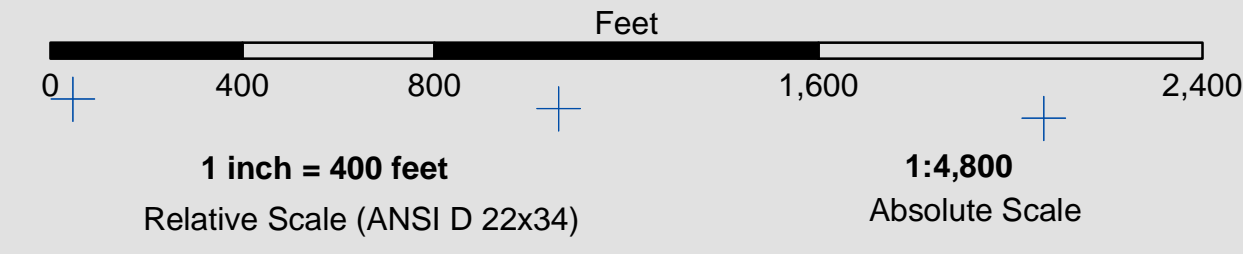
US Army Corps of Engineers
 San Francisco District
 450 Golden Gate Ave
 San Francisco, CA 94102

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Prepared Under the Direction of JOHN D. CUNNINGHAM LT COLONEL, C.E. DISTRICT ENGINEER	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Plotted By: PDT	Oct 02, 2019
Recommended: Chief, Hydro Survey Section	Checked By: PDT	Designed by:
Approved: Chief, Construction Branch	Drawn by: PDT	

CENTERLINE ANGLE POINTS NAD 1983		
CENTERLINE ∠	EAST	NORTH
C1	6028432.2184	2082797.0402
C2	6039090.2184	2054839.0402

CHANNEL ANGLE POINTS NAD 1983		
CHANNEL ∠	EAST	NORTH
1	6028665.8184	2082886.0402
2	6039323.8184	2054933.0402
3	6038856.6184	2054749.9402
4	6028198.6184	2082707.9402



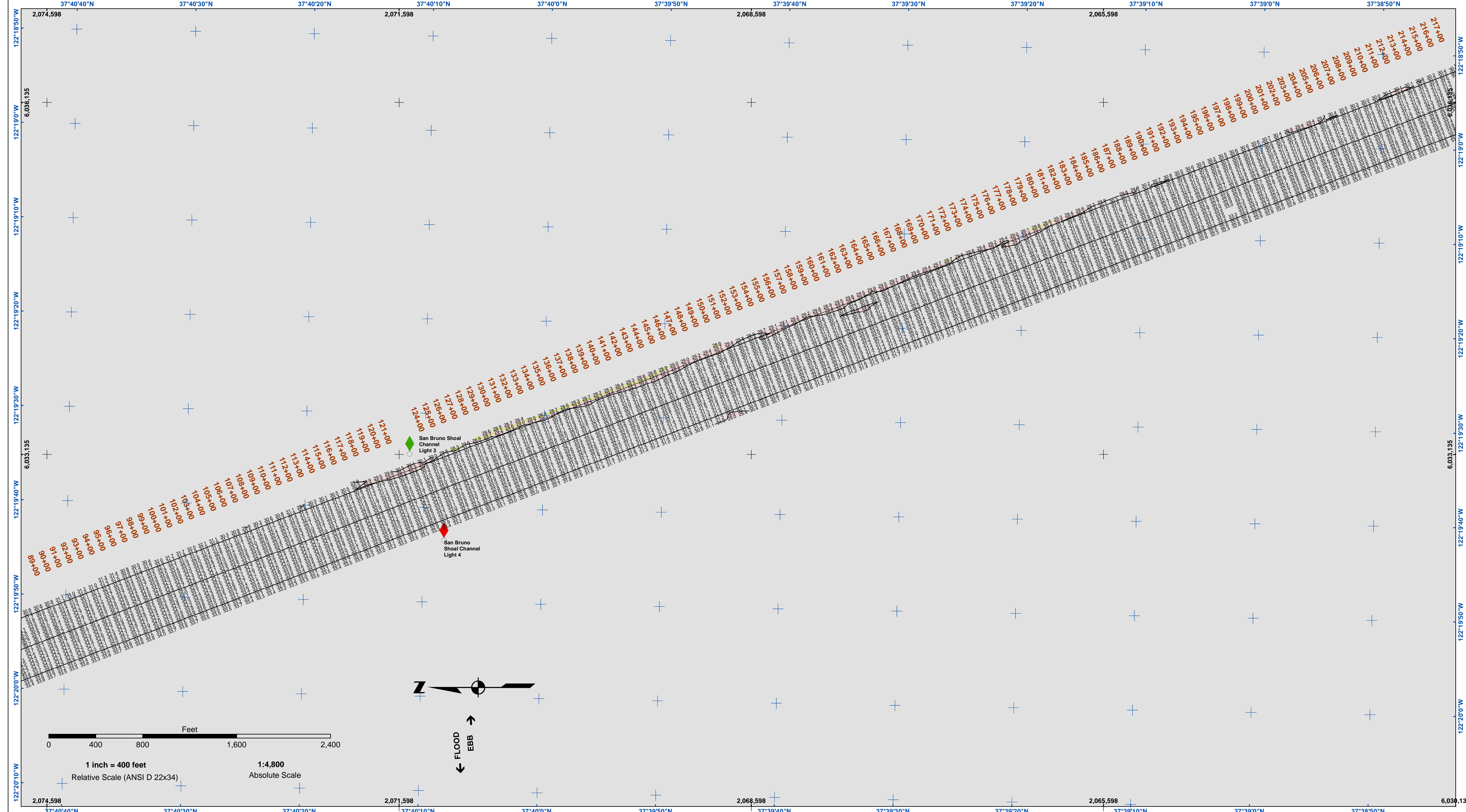
Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-30
Placement Area	Navigation Buoy	-29
Anchorage Area	Navigation Buoy	-28
Wreck Area	Shoalest Sounding*	-27
Submerged Wreck		-26
Angle Point		

NOTES:
 DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY.
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 SURVEYED BY THE CORPS OF ENGINEERS.
 *SHOALEST SOUNDING PER QUARTER PER REACH

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.
 PLANE GRID, BEARING AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 253, PUBLISHED BY NATIONAL OCEAN SURVEY.
 THE PROJECT DEPTH IS 30 FEET AT M.L.L.W.
 CONTROL: SOUNDINGS ARE BASED ON THE TIDE GAUGE LOCATED AT THE HYDE STREET PIER, SAN FRANCISCO, CALIFORNIA.
 CONTROL:
 NOAA 941 4358
 BM 'S' 1941: 15.74 FT MLLW
 HUNTERS POINT TIDE GAUGE: 13 FT MLLW
 NAIL AND BRASS WASHER (ORANGE RIBBON ATTACHED) ON PILING AT SE CORNER OF PIER 80
 NAIL LEVELED BY USACE ON 14 FEBRUARY 2016.
 HORIZONTAL COORDINATES: POST PROCESSED RTK FROM LOCAL REFERENCE STATIONS

SAN MATEO COUNTY
SAN BRUNO SHOAL
 CONDITION SURVEY
 26 SEPTEMBER 2019

Sheet Reference Number
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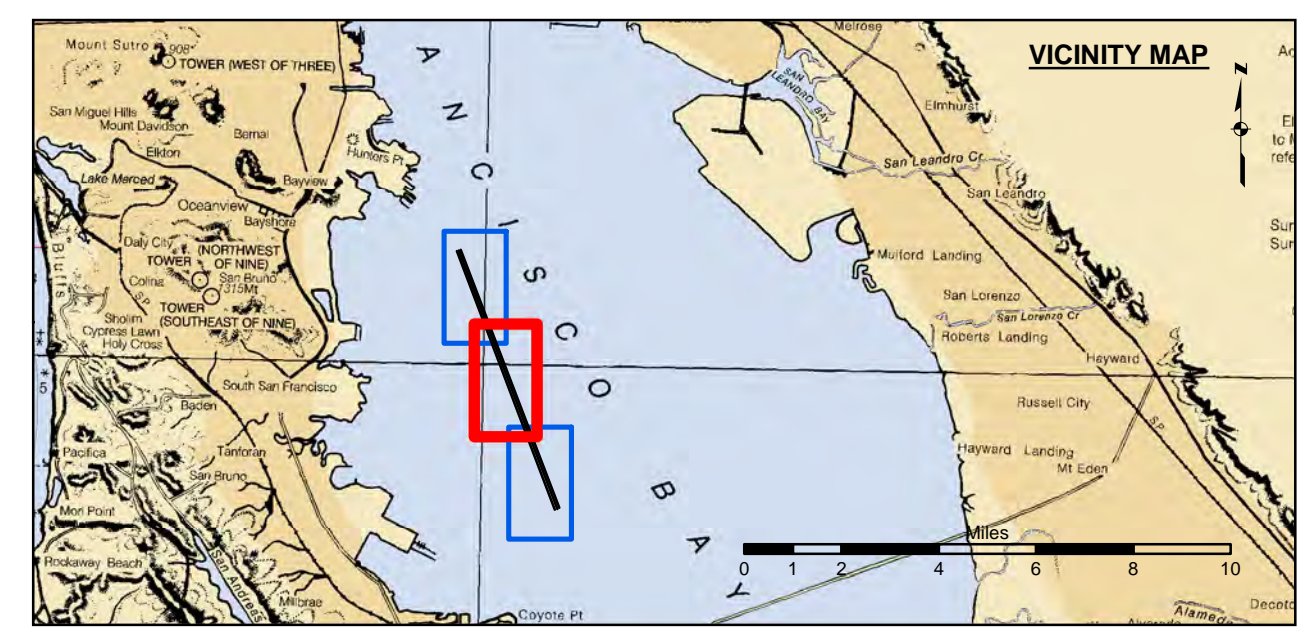
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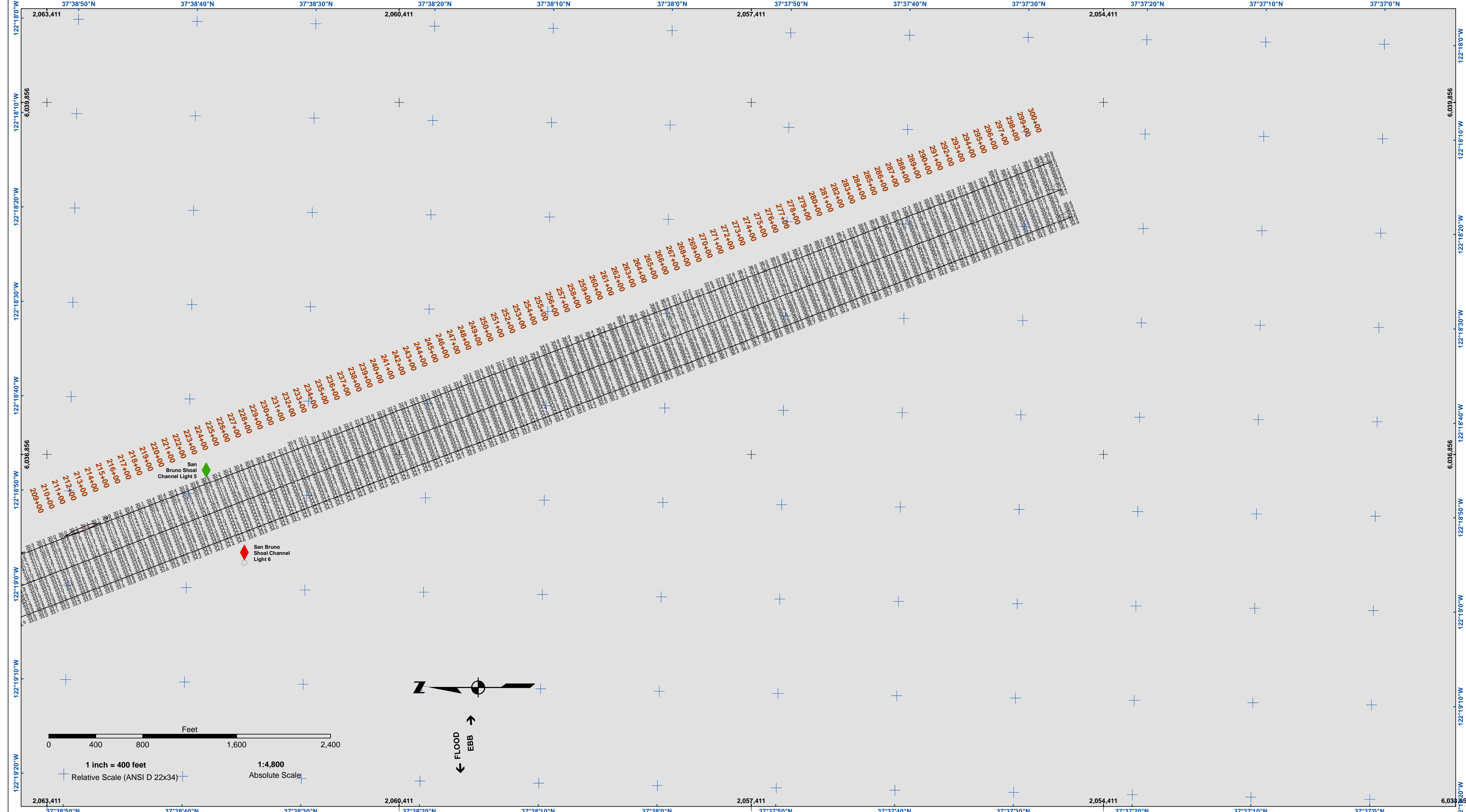
SAN MATEO COUNTY
SAN BRUNO SHOAL
 CONDITION SURVEY
 26 SEPTEMBER 2019



- | | | |
|----------------------------|--------------------|-----------------|
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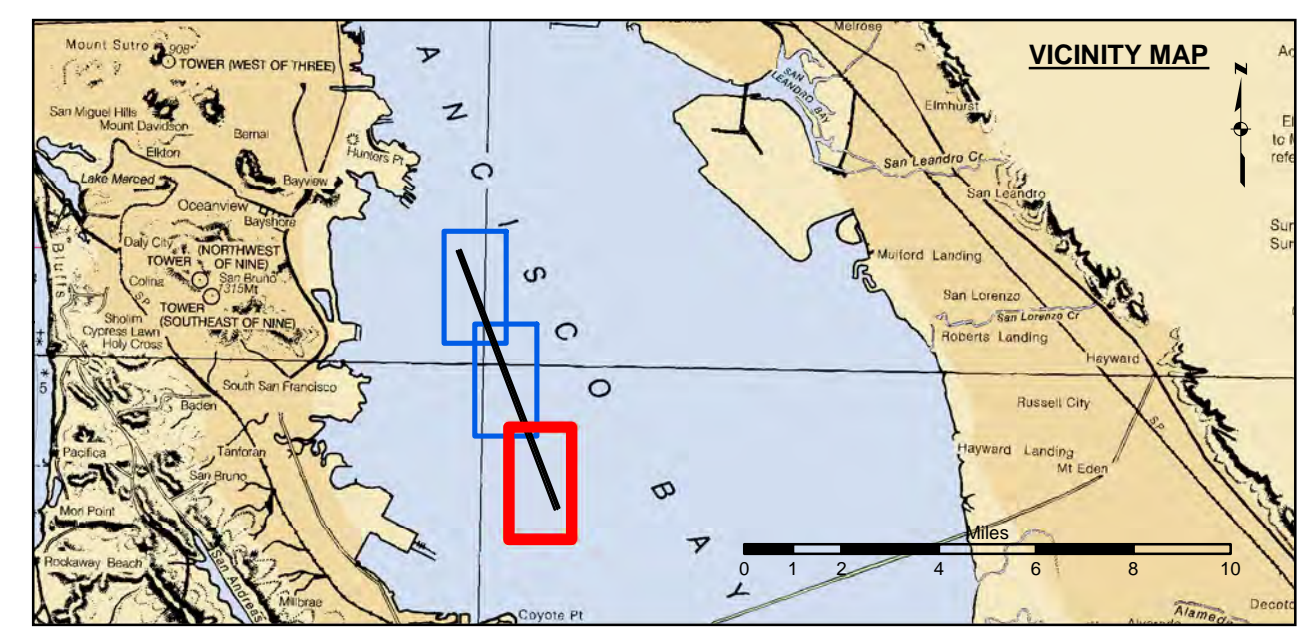


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SAN MATEO COUNTY
SAN BRUNO SHOAL
 CONDITION SURVEY
 26 SEPTEMBER 2019



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