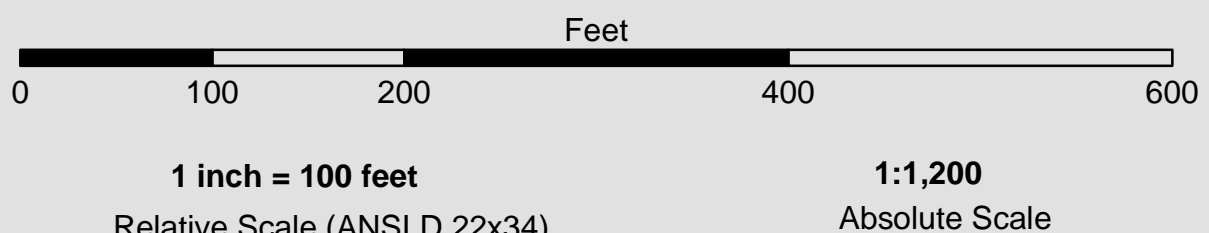


PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



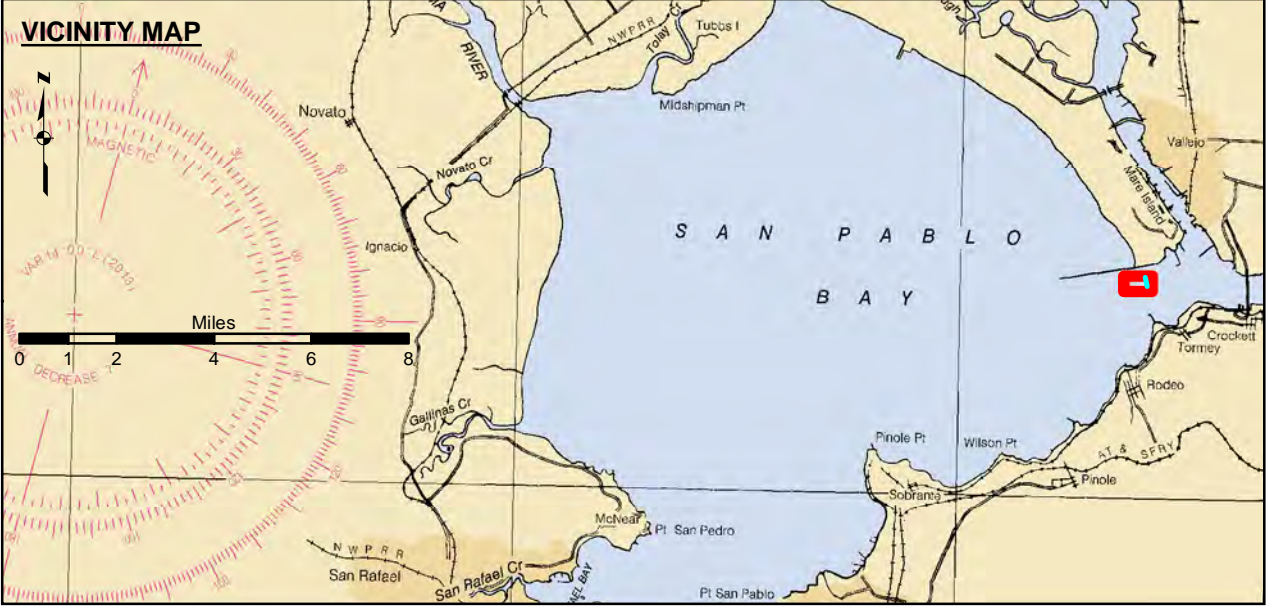
- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Points
- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding*
- Contours

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.
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.

PLANE GRID, BEARING AND COORDINATES ARE BASED ON LAMBERT PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY NATIONAL OCEAN SURVEY.
PROJECT DEPTH IS 50 FEET AT M.L.L.W.
SOUNDINGS ARE BASE TIDE GAUGE LOCATED AT AT MARE ISLAND COAST GUARD DOCK VERTICAL CONTROL U-466 1950 USC&GS DISK ELEV. 13.99 FT MLLW TIDAL 5218L USC&GS ELEV. 411.04 FT MLLW
CONTROL:
HORIZONTAL: CG DGPS
VERTICAL TIDE: 341 5218 L (No PID) - NOAA 941 5218

CHANNEL PT.	X	Y
1	6052094.6100	2214939.5300
2	6054064.3100	2215286.8300
3	6054237.9100	2214302.0300
4	6052268.3100	2213954.7300

CENTERLINE PT.	X	Y
C1	6052181.5100	2214447.1300
C2	6054151.1100	2214794.4300



US Army Corps of Engineers
San Francisco District
450 Market Street
San Francisco, CA 94102

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Prepared Under the Direction of JOHN D. CUNNINGHAM LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: Jan 16, 2020
Submittal: Hydro Survey Team Leader	Designed by:
Recommendation: Chief, Hydro Survey Section	Plotted by:
Approval: Chief, Construction Branch	Checked by:
	Drawn by: PDT

SOLANO-CONTRA COSTA COUNTY
CALIFORNIA
CARQUINEZ STRAIT - SF 9
CONDITION SURVEY
03 JANUARY 2020

Sheet Reference Number
1 of 1