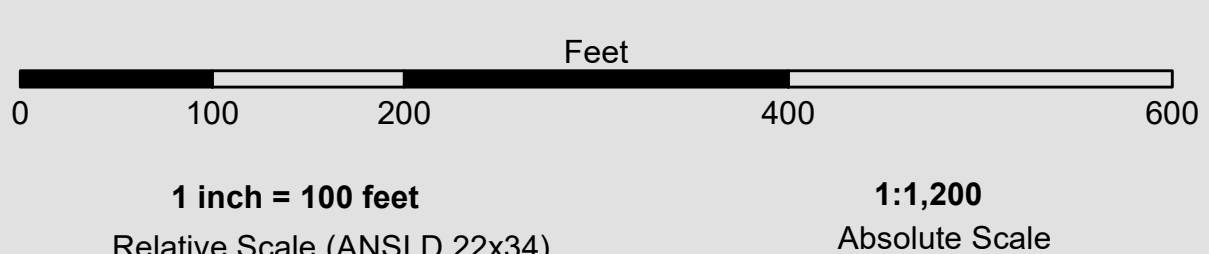
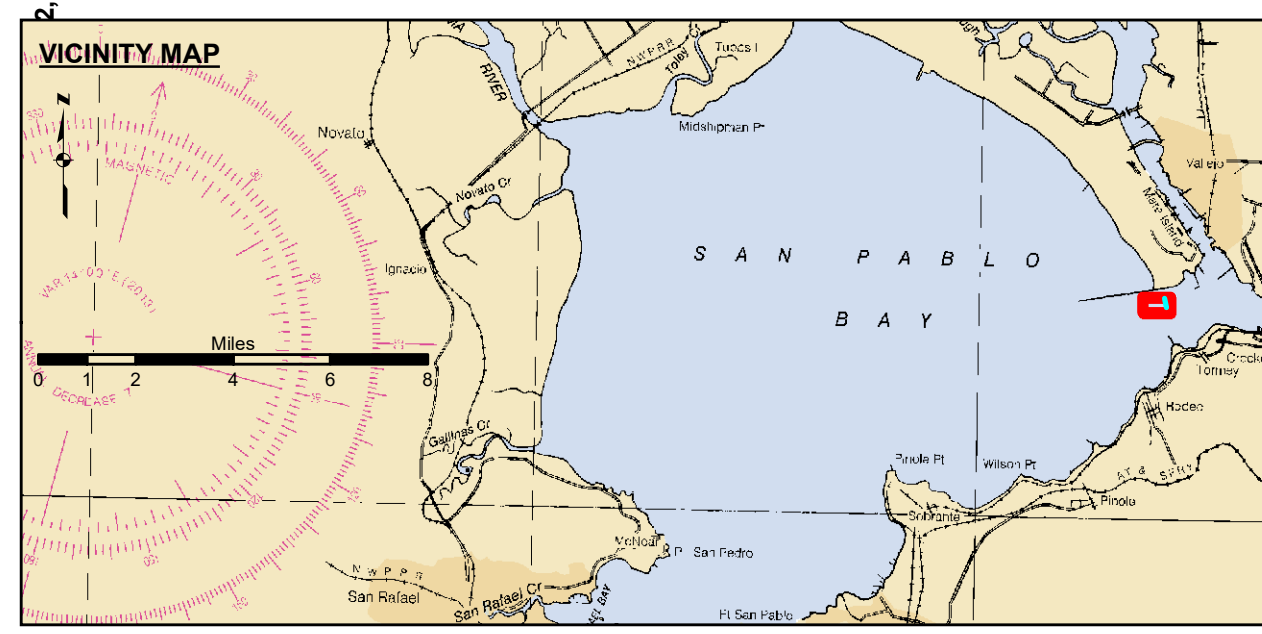


**PRELIMINARY ISSUE**  
THIS PLAN ISSUED FOR  
ADVANCE INFORMATION ONLY



FLOOD →  
← EBB



- 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&S DISK ELEV. 13.99 FT MLLW TIDAL 5218 USC&S 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



**DISCLAIMER**  
The United States Government furnishes this information for the general information of the recipient. The data represents the results of data collected by the Corps of Engineers and is not intended for use in any other manner than that intended for the purpose of the project. The user is responsible for the results of any application of the data for other than the intended purpose. The user is responsible for the results of any application of the data for other than the intended purpose. The user is responsible for the results of any application of the data for other than the intended purpose.

Prepared Under the Direction of:	Chart Date:	Mar 06, 2019
LT COLONEL C.E. DISTRICT ENGINEER	Designed by:	
Hydro Survey Team Leader	Plotted by:	
Chief Hydro Survey Section	Checked by:	PDT
Chief Construction Branch	Drawn by:	PDT

SOLANO-CONTRA COSTA COUNTY  
CALIFORNIA  
**CARQUINEZ STRAIT - SF 9**  
CONDITION SURVEY  
28 DECEMBER 2018

**Sheet Reference Number**  
1 of 1