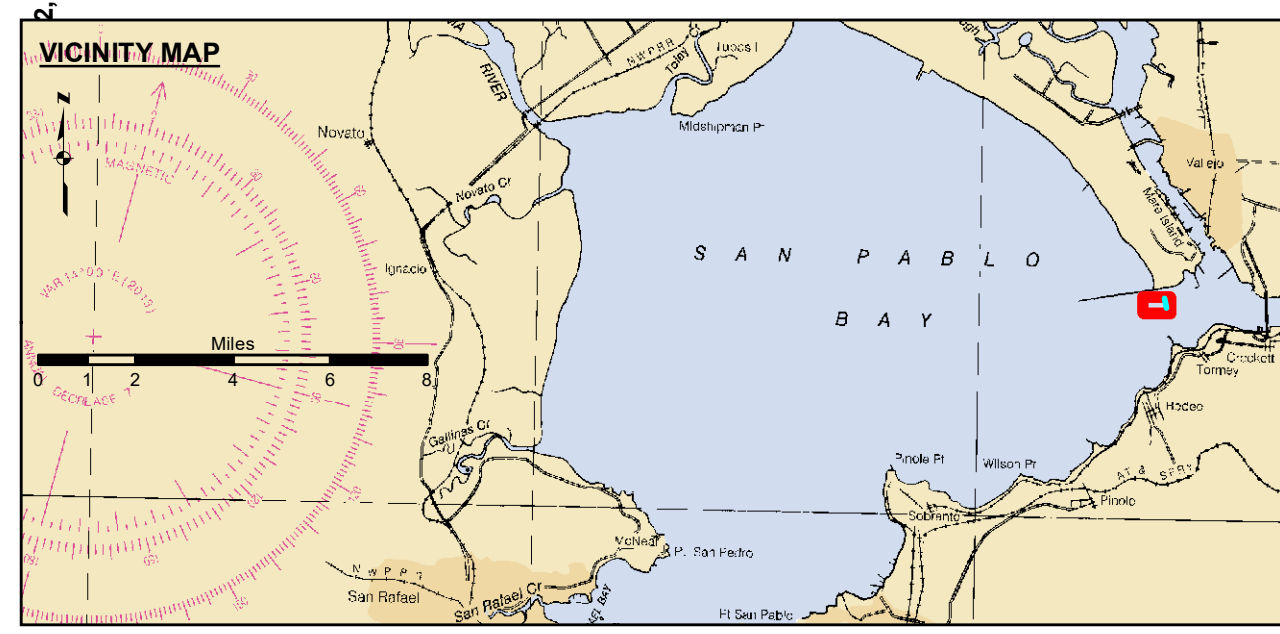


| CHANNEL PT. | X            | Y            |
|-------------|--------------|--------------|
| 1           | 6052094.6100 | 2214939.5300 |
| 2           | 6054064.3100 | 2215286.8300 |
| 3           | 6054237.9100 | 2214302.0300 |
| 4           | 6052268.3100 | 2213954.7300 |

| CENTERLINE PT. | X            | Y            |
|----------------|--------------|--------------|
| C1             | 6052181.5100 | 2214447.1300 |
| C2             | 6054151.1100 | 2214794.4300 |



- 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
- Every 10'
- 20' to -120'

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 5218L USC&S ELEV. 411.04 FT MLLW  
 CONTROL:  
 HORIZONTAL: CG DGPS  
 VERTICAL: TIDE  
 341 5218 L (No PID) - NOAA 941 5218

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

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|   |                             |
|---|-----------------------------|
| Prepared Under the Direction of<br><b>JOHN D. CUNNINGHAM</b><br>LT Colonel, C.E., District Engineer | Chart Date:<br>Nov 03, 2020 |
| Submitted:<br>Hydro Survey Team Leader  | Designed by:<br>PDT         |
| Recommended:<br>Chief, Hydro Survey Section   | Drawn by:<br>PDT            |
| Approved:<br>Chief, Construction Branch   |                             |

SOLANO-CONTRA COSTA COUNTY  
**CARQUINEZ STRAIT - SF 9**  
 CONDITION SURVEY  
 21 OCTOBER 2020

**Sheet Reference Number**  
 1 of 1