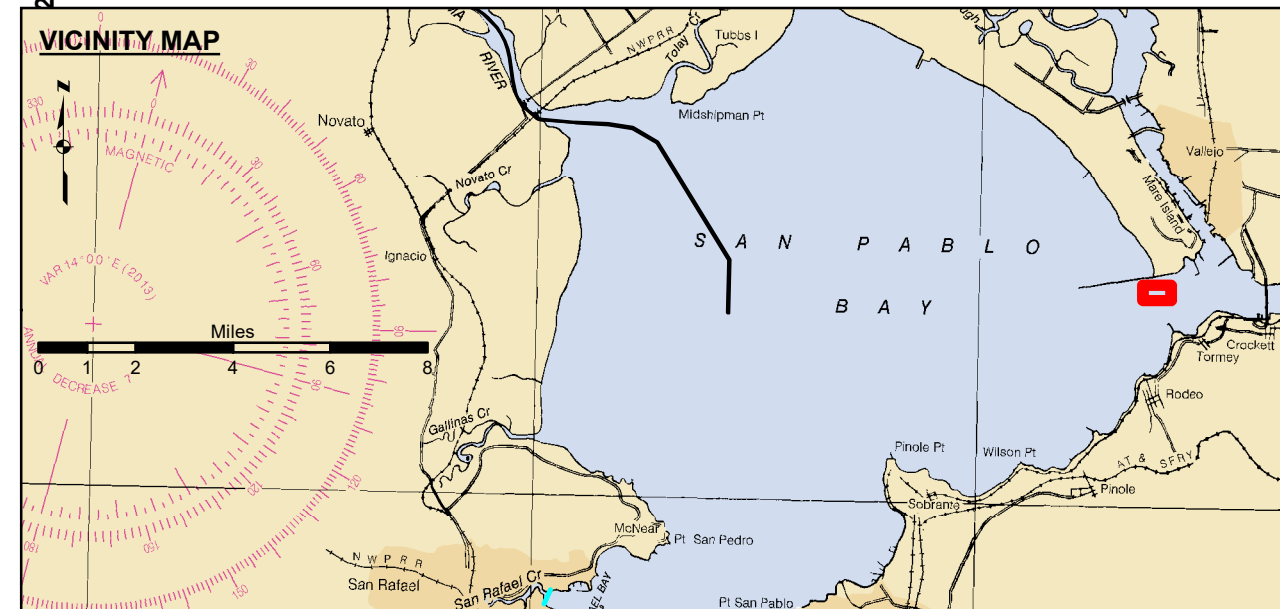


| CHANNEL PT. | X            | Y            |
|-------------|--------------|--------------|
| 1           | 6052094.6100 | 2214939.5300 |
| 2           | 6054064.3100 | 2215286.8300 |
| 3           | 6054237.9100 | 2214302.0300 |
| 4           | 6052268.3100 | 2213954.7300 |

| 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 FOR THE CHANNEL MEASURED WITH MULTIBEAM ECHOSOUNDER AND ARE SHOWN TO THE NEAREST TENTH 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

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

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 Distribution Liability: The data represents the results of data collection and processing activities and does not represent the general conditions of the area. 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:  | Jul 10, 2023 |
| TIMOTHY W. SHEBESTA                 | Designed by: |              |
| LT COLONEL, C.E., DISTRICT ENGINEER | Plotted by:  |              |
| Submittal: PDT                      | Checked by:  | PDT          |
| Hydro Survey Team Leader            | Drawn by:    | PDT          |
| Recommendation:                     |              |              |
| Chief, Hydro Survey Section         |              |              |
| Approval:                           |              |              |
| Chief, Construction Branch          |              |              |

SOLANO-CONTRA COSTA COUNTY  
 CALIFORNIA  
**CARQUINEZ STRAIT - SF 9**  
 CONDITION SURVEY  
 06 JULY 2023

**Sheet Reference Number**  
 1 of 1