

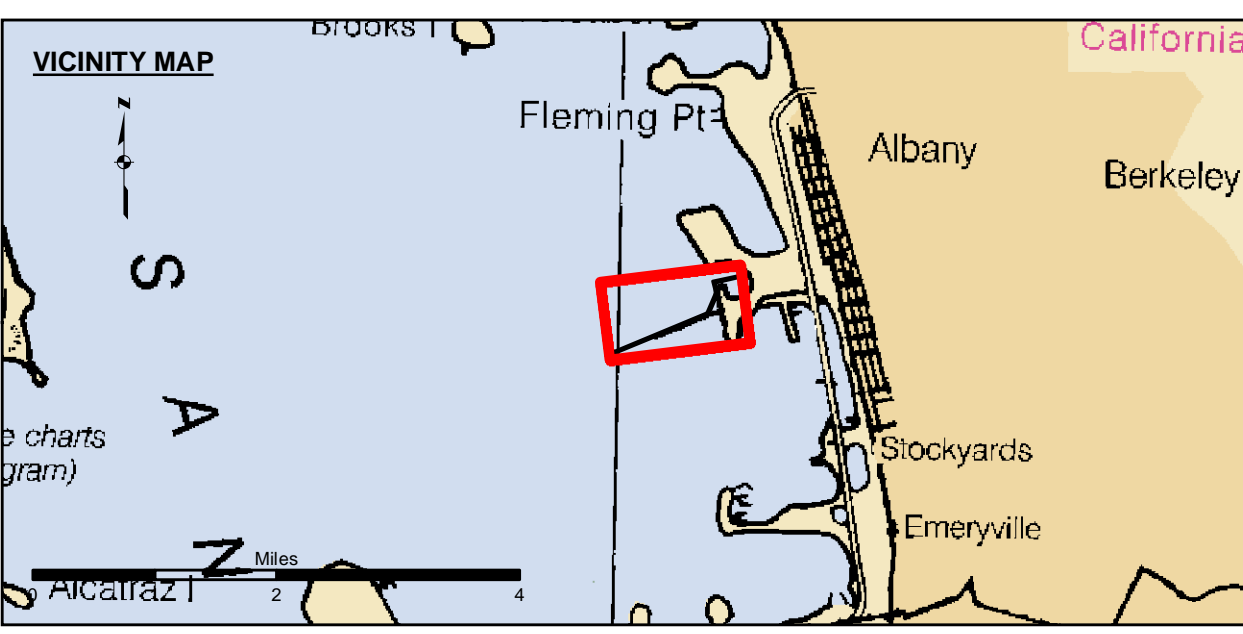
Angle Point	Easting	Northing
01	6032128.84	2140003.55
02	6036329.15	2141745.44
03	6036709.40	2142626.22
04	6036578.75	2143114.52
05	6037746.53	2143394.98
06	6037769.84	2143297.74
07	6036701.75	2143041.70
08	6036814.93	2142618.66
09	6036404.71	2141668.51
10	6032166.34	2139911.17
C1	6032147.19	2139957.36
C2	6036367.03	2141707.01
C3	6036762.19	2142622.36
C4	6036640.19	2143078.36
C5	6037758.19	2143346.36



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

DISCLAIMER
 The United States Government furnishes this information as a service to the public. It is not intended to be used for any purpose other than the intended purpose. The user assumes all responsibility for the accuracy and completeness of the information. The United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, or reliability of the information. The user assumes all responsibility for the accuracy and completeness of the information. The user assumes all responsibility for the accuracy and completeness of the information. The user assumes all responsibility for the accuracy and completeness of the information.

Prepared Under the Direction of JOHN D. CUNNINGHAM LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: Apr 29, 2021
Submitted by: Hydro Survey Team Leader	Designed by: PDT
Recommended by: Chief, Hydro Survey Section	Drawn by: PDT
Approved by: Chief, Construction Branch	PDT



Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-15
Placement Area	Navigation Buoy	-14
Anchorage Area	Navigation Buoy	-13
Wreck Area	Shoalest Sounding*	-12
Submerged Wreck		-11
Angle Point		

NOTES:
 HORIZONTAL COORDINATE SYSTEM:
 NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE III. DISTANCE UNITS IN U.S. SURVEY FEET.
 VERTICAL DATUM:
 SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MEAN LOWER LOW WATER.
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED TO REPRESENT THE GENERAL CONDITION EXISTING AT THAT TIME.
 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. NAVD 88.
 SURVEYED BY THE CORPS OF ENGINEERS.
 BASE MAPS ARE USDA NAIP 2010.
 *SHOALEST SOUNDING PER QUARTER PER REACH

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.
 THE PROJECT DEPTH IS 15 FEET AT M.L.L.W.
 PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE III CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 253, PUBLISHED BY THE NATIONAL OCEAN SURVEY.
 HORIZONTAL CONTROL: DESIGNATION, SOURCE, XYZ
 COAST GUARD D-BEACON
 VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY
 YACHT 1947, USC&GS DISK 10.987 OR 10.99 MLLW...NAVD 88
 PUBLICATION DATE: 09 MARCH 2004

CALIFORNIA
 ALAMEDA COUNTY
BERKELEY MARINA
 CONDITION SURVEY
 22 APRIL 2021

Sheet Reference Number
 1 of 1