U.S. ARMY CORPS OF ENGINEERS 122°22'40"W 122°22'30"W 37°48'10"N 122°22'20"W 122°22'10"W 122°22'0"W 37°48'20"N 122°21'50"W 122°21'40"W 6,021,904 US Army Corps of Engineers San Francisco District 450 Golden Gate Avenue San Francisco, CA 94102 FLOOD -PRELIMINARY ISSUE ← EBB 1:2,400 1 inch = 200 feet THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY Absolute Scale Relative Scale (ANSI D 22x34) 6,021,904 6,024,904 122°22'20"W 122°22'10"W 37°47'40"N 122°22'0"W 122°21'50"W 122°21'40"W 122°21'30"W 122°21'20"W 37°47'50"N DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY, HORIZONTAL COORDINATE SYSTEM: Federal Navigation Channel THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY Contours POI Beacon, General NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY. SYSTEM (SPCS), CALIFORNIA ZONE III. DISTANCE UNITS IN U.S. SURVEY FEET. THE PROJECT DEPTHS ARE AS FOLLOWS: OUTER AND INNER HARBOR IS -50 FEET Shoaling Area VERTICAL DATUM: **Obstruction Point** INNER HARBOR TURNING BASIN TO PARK STREET BRIDGE IS -35 FEET. SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MEAN LOWER LOW WATER. TIDAL CANAL PROJECT DEPTH IS -18 FEET. PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE III CALIFORNIA AS DESCRIBED IN Placement Area THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY. CONDUCTED ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED TO REPRESENT THE Navigation Buoy HORIZONTAL CONTROL: PRIMARY: RTK POSITIONING GENERAL CONDITION EXISTING AT THAT TIME. SECONDARY: COAST GUARD DGPS D-BEACON Anchorage Area SOUNDING FOR THE CHANNEL MEASURED WITH MULTIBEAM ECHOSOUNDER AND ARE SHOWN VERTICAL CONTROL: TO THE NEAREST TENTH FOOT. PPCP: PORT 1 1936/PID HT0654. Navigation Buoy SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. OAKLAND INNER, REACH 4-6 DISK SET AT SOUTH END OF CLAY STREET, AT THE PORT OF OAKLAND CLAY STREET PIER. Wreck Area ELEVATION: 9.56 FEET MLLW - PUBLISHED 21 APR 2003 ON NOAA STATION 941 4764 TIDE GAUGE LOCATION IS CHISEL MARK Sheet SURVEYED BY THE CORPS OF ENGINEERS. APPROX. 10 FEET WEST ON TOP OF CONCRETE CURB; CHISEL ELEVATION 11.0 FEET MLLW. BASE MAPS ARE USDA NAIP 2010. LPCP 1: 941 4777 B TIDAL/PID AE5211, OAKLAND INNER REACH 1-3 DISK SET IN BALLARD FOUNDATION Reference Submerged Wreck Shoalest Sounding* NEAR THE NORTHEAST END OF BERTH 40 OF THE OAKLAND MIDDLE HARBOR. *SHOALEST SOUNDING PER QUARTER PER REACH ELEVATION: 13.48 FEET MLLW - DERIVED FROM WGS-84 ELLIPSOID ELEVATION, GEOID09 AND VDATUM MODELS Number TIDE GAUGE LOCATION IS IN FACE OF PILING AT BERTH 37; NAIL ELEVATION 9.7 FEET MLLW. LPCP 2: OAK OUTER 1 2012/NO PID, OAKLAND OUTER REACH 7-10 DISK SET IN PARKING LOT AT PIER 6 AMNAV TUG TERMINAL REACH 1: 16 OCTOBER- 7 NOVEMBER 2023 Angle Point REACH 2: 4 DECEMBER 2023 AT THE EDGE OF THE PIER. ELEVATION: 14.04 FEET MLLW - DERIVED FROM WGS-84 ELLIPSOID ELEVATION, GEOID09 AND VDATUM MODELS TIDE GAUGE LOCATION IS IN FACE OF PILING AT PIER 6, 10' EAST OF BENCHMARK; NAIL ELEVATION 10.1 FEET MLLW. 1 of 6 REACH 3: 13 - 19 DECEMBER 2023 REACH 4 - 6: 1 JANUARY 2024

U.S. ARMY CORPS OF ENGINEERS 122°21'30"W 122°21'20"W 122°21'10"W 122°21'0"W 122°20'50"W 37°48'40"N 122°20'40"W 122°20'30"W 6,027,409 US Army Corps of Engineers San Francisco District 450 Golden Gate Avenue San Francisco, CA 94102 FLOOD -PRELIMINARY ISSUE ← EBB 1:2,400 1 inch = 200 feet THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY Absolute Scale Relative Scale (ANSI D 22x34) 6,027,409 6,030,409 122°21'10"W 122°21'0"W 122°20'40"W 122°20'20"W 122°20'10"W 122°20'30"W 37°48'10"N NOTES:
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LPCP 2: OAK OUTER 1 2012/NO PID, OAKLAND OUTER REACH 7-10 DISK SET IN PARKING LOT AT PIER 6 AMNAV TUG TERMINAL Number REACH 1: 16 OCTOBER- 7 NOVEMBER 2023 Angle Point REACH 2: 4 DECEMBER 2023 REACH 3: 13 - 19 DECEMBER 2023 REACH 4 - 6: 1 JANUARY 2024 2 of 6 AT THE EDGE OF THE PIER. ELEVATION: 14.04 FEET MLLW - DERIVED FROM WGS-84 ELLIPSOID ELEVATION, GEOID09 AND VDATUM MODELS TIDE GAUGE LOCATION IS IN FACE OF PILING AT PIER 6, 10' EAST OF BENCHMARK NAIL ELEVATION 10.1 FEET MLLW.

U.S. ARMY CORPS OF ENGINEERS 122°20'40"W 37°48'10"N 122°20'30"W 122°20'20"W 122°20'10"W 37°48'20"N 122°20'0"W 122°19'50"W 6,030,825 US Army Corps of Engineers San Francisco District FLOOD -450 Golden Gate Avenue San Francisco, CA 94102 PRELIMINARY ISSUE 1:2,400 1 inch = 200 feet THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY Absolute Scale Relative Scale (ANSI D 22x34) 6,030,825 122°20'30"W 122°20'20"W 122°20'10"W 122°20'0"W 122°19'50"W 37°47'50"N NOTES:
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U.S. ARMY CORPS OF ENGINEERS 122°19'40"W 122°19'30"W 122°19'20"W 37°48'0"N 122°19'10"W 122°19'0"W 122°18'50"W 37°48'10"N 122°18'40"W 6,036,183 US Army Corps of Engineers San Francisco District FLOOD -450 Golden Gate Avenue San Francisco, CA 94102 400 PRELIMINARY ISSUE 1 inch = 200 feet 1:2,400 THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY Relative Scale (ANSI D 22x34) 6,036,183 37°47'20"N 122°19'20"W 122°19'10"W 122°19'0"W 37°47'30"N 122°18'50"W NOTES:
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U.S. ARMY CORPS OF ENGINEERS 122°18'40"W 37°47'40"N 122°18'30"W 122°18'20"W 122°18'10"W 122°18'0"W 122°17'50"W 122°17'40"W US Army Corps of Engineers San Francisco District FLOOD -450 Golden Gate Avenue San Francisco, CA 94102 PRELIMINARY ISSUE 1:2,400 1 inch = 200 feet THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY Absolute Scale Relative Scale (ANSI D 22x34) 122°18'20"W 37°47'10"N 122°18'10"W 122°18'0"W 122°17'50"W 122°17'40"W 122°17'30"W 122°17'20"W NOTES:
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