



Federal Navigation Channel

Shoaling Area

Pacement Area

Wreck Area

Submerged Wreck

Zone Angle Points

Beacon, General

Obstruction Point

Navigation Buoy

Shoalest Sounding*

Contours EVERY 10'

NOTES:
 DRAWINGS NOT TO BE USED AS 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 LOCATION REPRESENT THE POSITION OF THE SINKER ONLY.
 SURVEYED BY THE CORPS OF ENGINEERS.
 SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTHS OF A FOOT.
 SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.
 PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE 14 N D 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.
 PROJECT DEPTHS ARE AS FOLLOWS:
 BATH & ENTRANCE CHANNEL - 48 FEET
 NORTH BAY, SAMOA TO MILE 5.0 & = 38 FEET
 EUREKA CHANNEL, FIELDS LANDING CHANNEL & MILE 5.0 TO "N" STREET = 26 FEET

1:00 INDICATES THE NUMBER AND BEGINNING OF A LINE OF SOUNDINGS.
 SOUNDINGS ARE BASED ON TIDE GAUGES REFERENCED TO U.S.C. & G.S.
 Vertical and Horizontal Control:
 NOAA Station: 941 8767 - North Spit, CA
 Benchmark:
 NO. 11 1540 (P.D. 10/3599)
 RTK GPS, using GEOID12a and VDUTM
 RTK elevations calibrated at 10.0ft nail at Coast Guard Station Humboldt Bay

California
 Humboldt County
 Humboldt Bay
 Open Ocean Disposal Site
 Condition Survey
 02 MARCH 2017

Chart Date: Mar 06, 2017
Designed by: [Name]
Plotted by: [Name]
Checked by: [Name]
Drawn by: [Name]

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

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