



- Federal Navigation Channel
- Beacon, General Obstruction Point
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Zone Angle Points
- Contours EVERY 10'
- Navigation Buoy
- Shoalest Sounding*

NOTES:
 DRAWINGS NOT TO BE USED AS NAVIGATION. ONLY CHART CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATION REPRESENTS 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 11N, DATED 1983, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL COAST 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 1940 (PD, LV0359)
 MLU: 1009, 4.251M
 Tides:
 RTK GPS, using GEOID12 and VDATUM
 RTK elevations calibrated at 10.0ft nail at Coast Guard Station Humboldt Bay

Position:
 RTK Positions

Sheet Reference Number 1 of 1

US Army Corps of Engineers
 San Francisco District
 1455 Market Street
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PREPARED UNDER THE DIRECTION OF:
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