



Federal Navigation Channel

- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Zone_I_Angle Points

Beacon, General

Obstruction Point

Navigation Buoy

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.

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 AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE 18N 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL SURVEYING CENTER.

PROJECT DEPTHS ARE AS FOLLOWS:
BAR & ENTRANCE CHANNEL - 48 FEET
NORTH BAY, SAMOA TO FIELDS 5.0 x 38 FEET
EUREKA CHANNEL, MILLS 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 (P.D. L03599)
M.L.L.W. Elev. 4.251m

Tides:
RTK GPS, using GEOID12a and VDATUM
RTK ELEVATIONS calibrated at 10.0ft nail at Coast Guard Station Humboldt Bay

Position:
RTK Positions

PREPARED UNDER THE DIRECTION OF
TIMOTHY W. SHERBETZ
Submitt: Hydro Survey Team Leader
Recommended: Chief, Hydro Survey Section
Approved: Chief, Construction Branch

Chart Date: Apr 10, 2024
Designed by: [Name]
Drawn by: [Name]

Surveyed by: [Name]
Plotted by: [Name]
Checked by: [Name]

HUMBOLDT COUNTY
HUMBOLDT BAY
OPEN OCEAN DISPOSAL SITE
CONDITION SURVEY
04 APRIL 2024

Sheet Reference Number 1 of 1

US Army Corps of Engineers
San Francisco District
450 Golden Gate Avenue
San Francisco, CA 94102

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