



Federal Navigation Channel

Beacon, General

Contours EVERY 10'

Obstruction Point

Placement Area

Navigation Buoy

Anchor Area

Navigation Buoy

Wreck Area

Submerged Wreck

Zone Angle Points

Shoaling Area

Obstruction Point

Navigation Buoy

Shoalest Sounding*

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.
 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 18N, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEANIC SURVEY.
 PROJECT DEPTHS ARE AS FOLLOWS:
 BAY & ENTRANCE CHANNEL - 48 FEET
 NORTH BAY, SAMOJA 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 (P.D. LV0359)
 M.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

Sheet Reference 1 of 1

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

STATION CG55N
 5,928.162

STATION CG55E
 5,924.162

STATION CG55S
 5,928.162

STATION CG55W
 5,924.162

PRELIMINARY ISSUE
 THIS PLAN ISSUED FOR
 ADVANCE INFORMATION ONLY

Chart Date: Mar 15, 2018
Designed by: Travis J. Rainfield
Plotted by: Hydro Survey Team
Checked by: Hydro Survey Station
Drawn by: PDT

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