



- 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.

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 400 FEET  
NORTH BAY, SAMOIA TO MILE 5.0 & = 38 FEET  
EUREKA CHANNEL, FIELDS LANDING CHANNEL & MILE 5.0 TO T-1 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)  
MLLV Elev. 4.251m

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

Position:  
PD Positions



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Chart Date:	Jul 22, 2019
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT

PREPARED UNDER THE DIRECTION OF  
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Submitted by:  
**Hydro Survey Team Leader**

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Approved by:  
**Chief, Construction Branch**

**HUMBOLDT COUNTY**  
**HUMBOLDT BAY**  
**OPEN OCEAN DISPOSAL SITE**  
**POST-DREDGE SURVEY**  
**12 JULY 2019**

**Sheet Reference**  
**Number 1 of 1**