Chief, Geospatial Branch

124°18'40"W 124°18'30"W 124°18'20"W 124°18'10"W 124°18'0"W 124°17'50"W 124°17'40"W 124°17'30"W 124°17'20"W 124°17'10"W

5,921,667 2,184,189 5,924,667 2,187,189 5,927,667 2,190,189

40°47'50"N 40°48'30"N 40°48'40"N 40°48'50"N 40°49'0"N 124°17'0"W

5,921,667 2,181,189 5,930,667

124°18'40"W 124°16'50"W

124°18'30"W 40°49'10"N

40°47'30"N 124°16'40"W

124°18'20"W

124°18'10"W 124°16'30"W

5,924,667 124°16'20"W

124°18'0"W 40°48'50"N

124°17'50"W 124°16'10"W

5,933,667

2,178,189 2,187,189

40°47'10"N 124°16'0"W

124°17'40"W 124°17'30"W 124°17'20"W 124°17'10"W 40°47'40"N 124°17'0"W 40°47'50"N 124°16'50"W 40°48'0"N 124°16'40"W 40°48'10"N 124°16'30"W 124°16'20"W 124°16'10"W

2,178,189 5,927,667 2,181,189 5,930,667 2,184,189 5,933,667

STATION CG55C
5,924,057.8820N
2,184,814.4003E

STATION CG55N
5,928,102.1780N
2,189,367.5820E

STATION CG49C
5,928,569.3830N
2,180,750.3488E

STATION CG49N
5,932,611.0000N
2,185,302.2660E

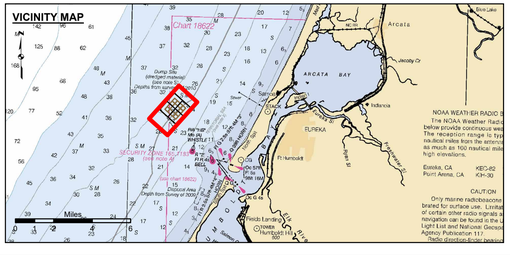
PRELIMINARY ISSUE
THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY
NOT FOR NAVIGATION PURPOSES

Feet
0 400 800 1,600 2,400

1 inch = 400 Feet
Relative Scale (ANSI D 22x34)

1:4,800
Absolute Scale

VICINITY MAP



- 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.

SOUNDING 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 I NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTHS ARE AS FOLLOWS:

BAR & 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 GUAGES REFERENCED TO U.S.C. & G.S.

Vertical and Horizontal Control:
NOAA Station: 941 8767 - North Spit, CA

Benchmark:
NO 11 1940 (PID: LV0359)
MLLW 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

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

DISCLAIMER:
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Chart Date: Jun 09, 2026			
Surveyed By:		Designed by:	
Plotted By:		Checked By: PDT	Drawn by: PDT
Submitted: PDT			
Recommended: Technical Services Section Leader			
Approved: Chief, Technical Services Section			
Chief, Geospatial Branch			

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT. COLONEL, C.E. DISTRICT ENGINEER

CALIFORNIA

HUMBOLDT BAY OPEN OCEAN DISPOSAL SITE CONDITION SURVEY 25 MAY 2026

Sheet Reference Number 1 of 1