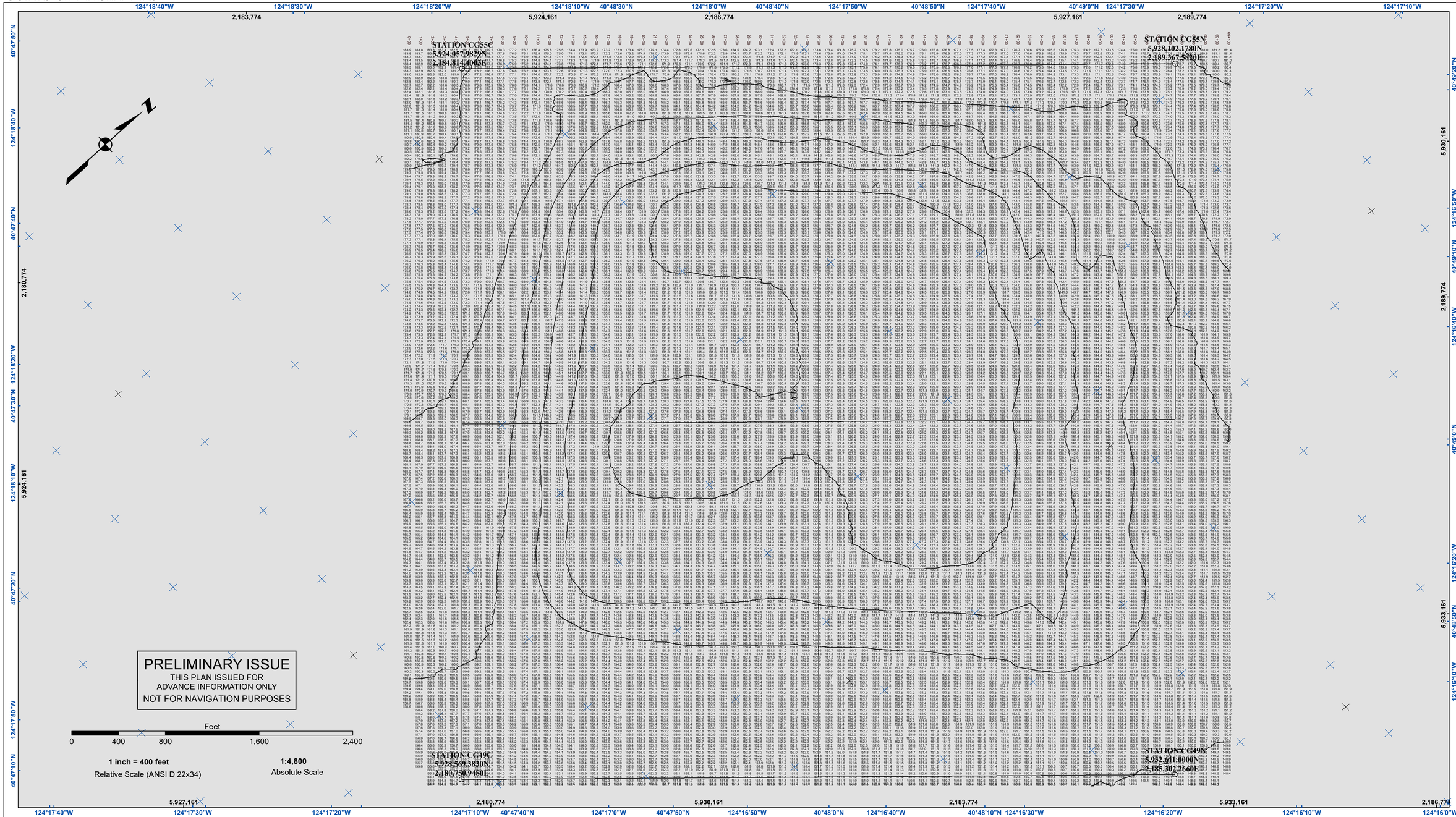

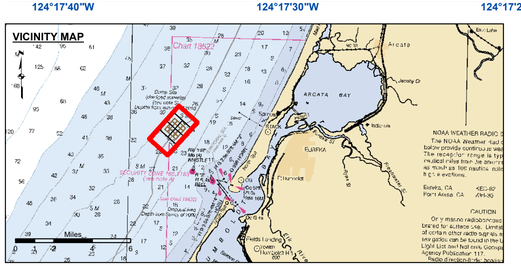

Federal Navigation Channel
Shoaling Area
Placement Area
Anchorage Area
Wreck Area
Submerged Wreck
Zone_I_Angle_Points
Beacon, General
Obstruction Point
Navigation Buoy
Navigation Buoy
Shoalest Sounding*

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 Avenue
San Francisco, CA 94102

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PREPARED UNDER THE DIRECTION OF
TIMOTHY W. SHEBESTA
LT. COLONEL, C.E., DISTRICT ENGINEER

Surveyed By:
Plotted By:
Checked By: PDT
Drawn by: PDT
Chart Date: Apr 14, 2025
Designed by:

Submitted: PDT
Technical Services Section Leader
Recommended:
Chief, Technical Services Section
Approved:
Chief, Geospatial Branch

HUMBOLDT COUNTY CALIFORNIA

HUMBOLDT BAY
OPEN OCEAN DISPOSAL SITE
CONDITION SURVEY
05 MARCH 2025

Sheet Reference Number 1 of 1