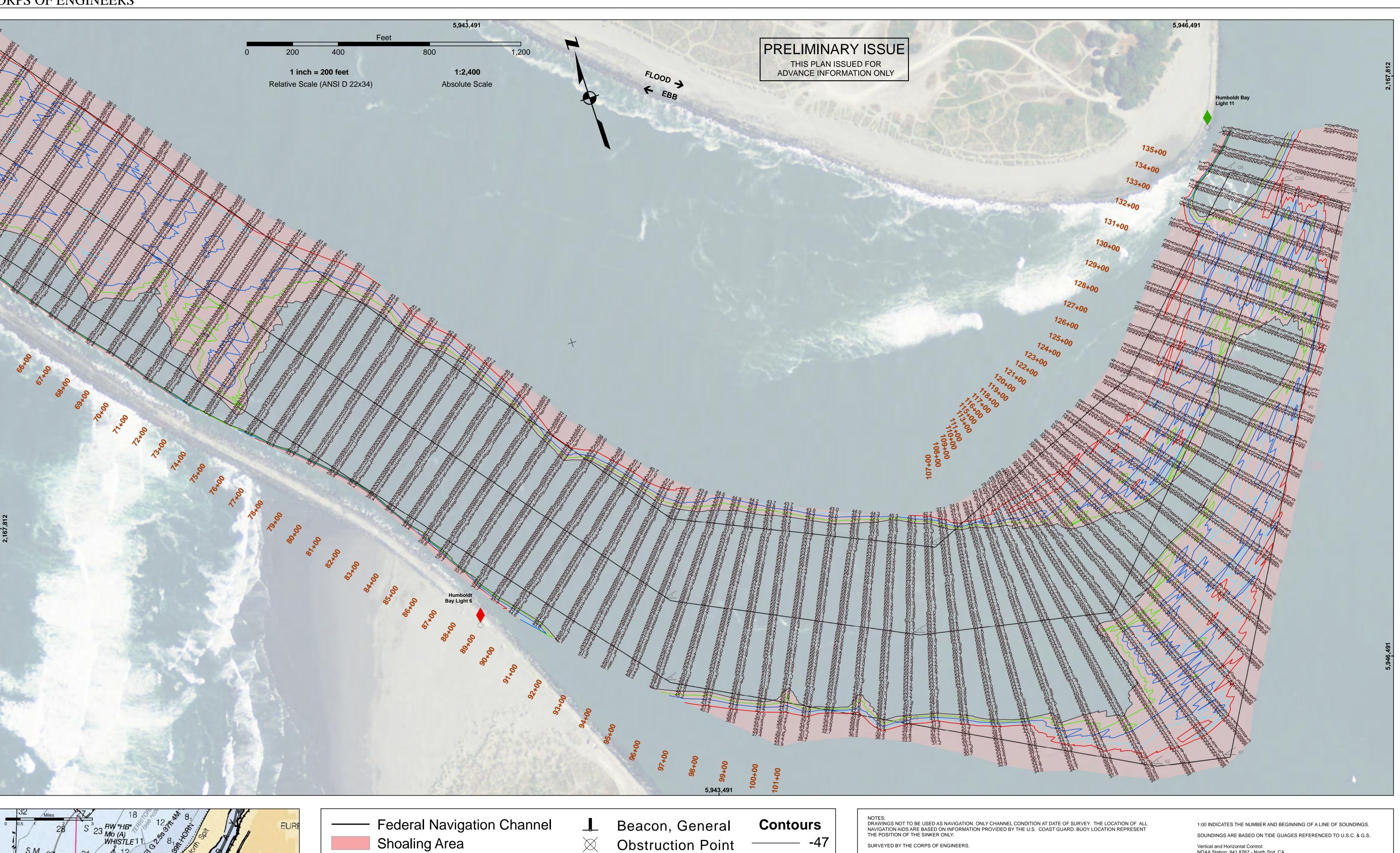


U.S. ARMY CORPS OF ENGINEERS



Navigation Buoy

Navigation Buoy

Shoalest Sounding\*

Placement Area

Anchorage Area

Submerged Wreck

Zone\_I\_Angle\_Points

Wreck Area

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 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

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

Benchmark: NO 11 1940 (PID: LV0359) MLLW Elev: 4.251m

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

PREPARED UNDER THE DIRECTION OF	Surveyed By:	Chart Date:
JOHN D. CUNNINGHAM		Jul 23, 2019
LT. COLONEL, C.E., DISTRICT ENGINEER		
Submitted:	Plotted By:	Designed by:
Hydro Survey Team Leader	PDT	
Recommended:		
Chief, Hydro Survey Section	Checked By:	Drawn by:
Approved:	PDT	PDT
Chief, Construction Branch		

**Sheet** Reference Number 2 of 2