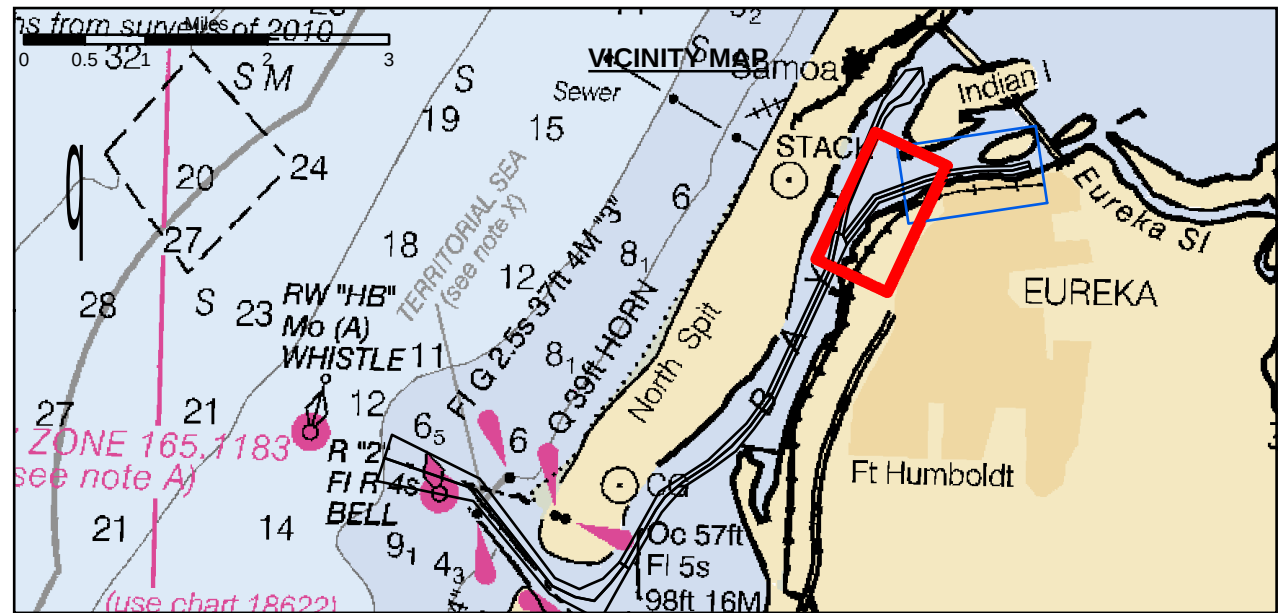
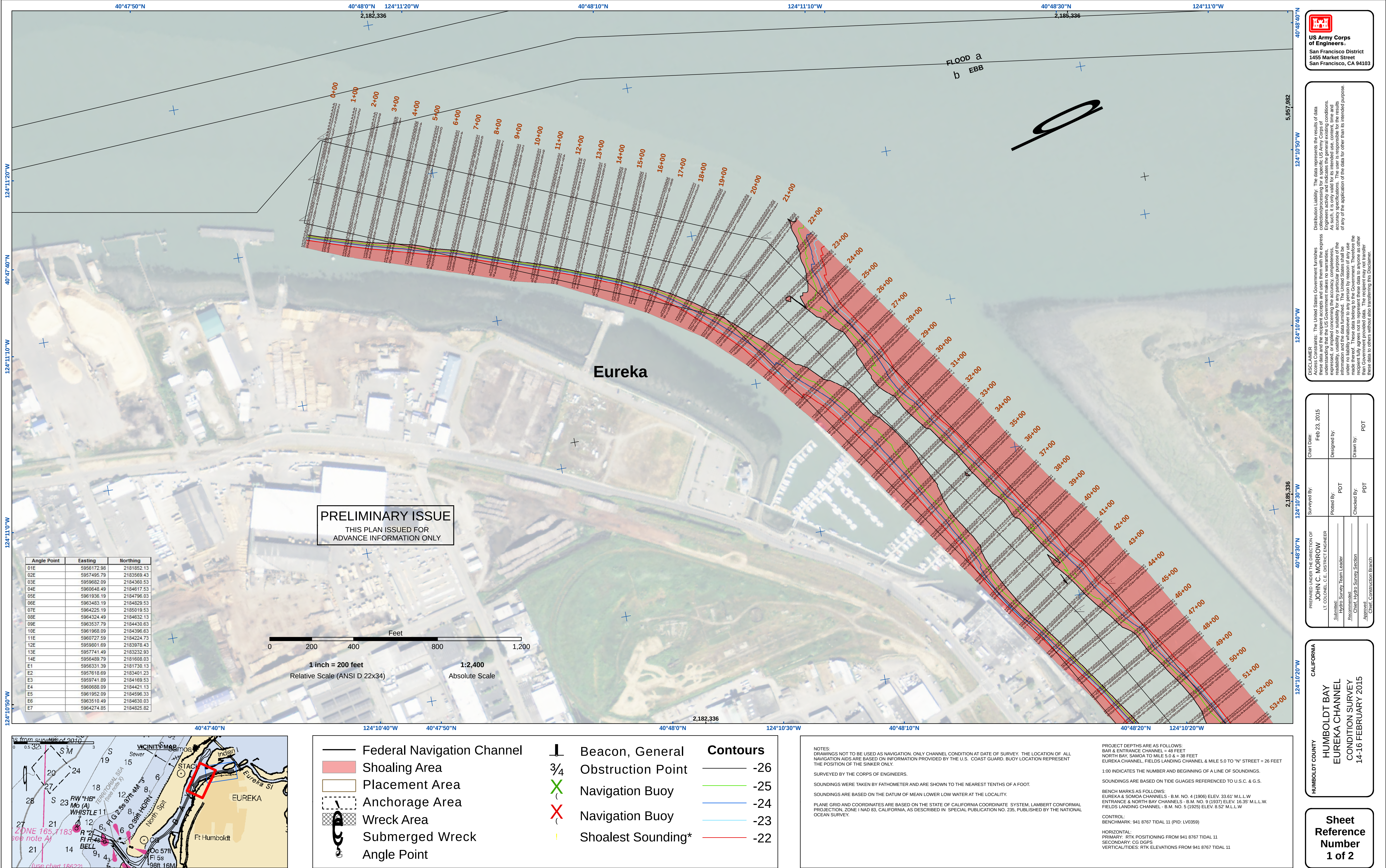




- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point
- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding*
- Contours
 - 26
 - 25
 - 24
 - 23
 - 22

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 1 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 GAUGES REFERENCED TO U.S.C. & G.S.

BENCH MARKS AS FOLLOWS:
EUREKA & SOMOA CHANNELS - B.M. NO. 4 (1906) ELEV. 33.61' M.L.L.W.
ENTRANCE & NORTH BAY CHANNELS - B.M. NO. 9 (1937) ELEV. 16.35' M.L.L.W.
FIELDS LANDING CHANNEL - B.M. NO. 5 (1925) ELEV. 8.52' M.L.L.W.

CONTROL:
BENCHMARK: 941 8767 TIDAL 11 (PID: LV0359)

HORIZONTAL:
PRIMARY: RTK POSITIONING FROM 941 8767 TIDAL 11
SECONDARY: CG DGPS

VERTICAL/TIDES: RTK ELEVATIONS FROM 941 8767 TIDAL 11

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

DISCLAIMER
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PREPARED UNDER THE DIRECTION OF LT COLONEL C. MORROW	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Plotted By:	Feb 23, 2015
Recommended: Chief, Hydro Survey Section	Checked By:	Designed by:
Approved: Chief Construction Branch	PDT	Drawn by:
	PDT	PDT

HUMBOLDT COUNTY
HUMBOLDT BAY
EUREKA CHANNEL
CONDITION SURVEY
14-16 FEBRUARY 2015

Sheet
Reference
Number
1 of 2