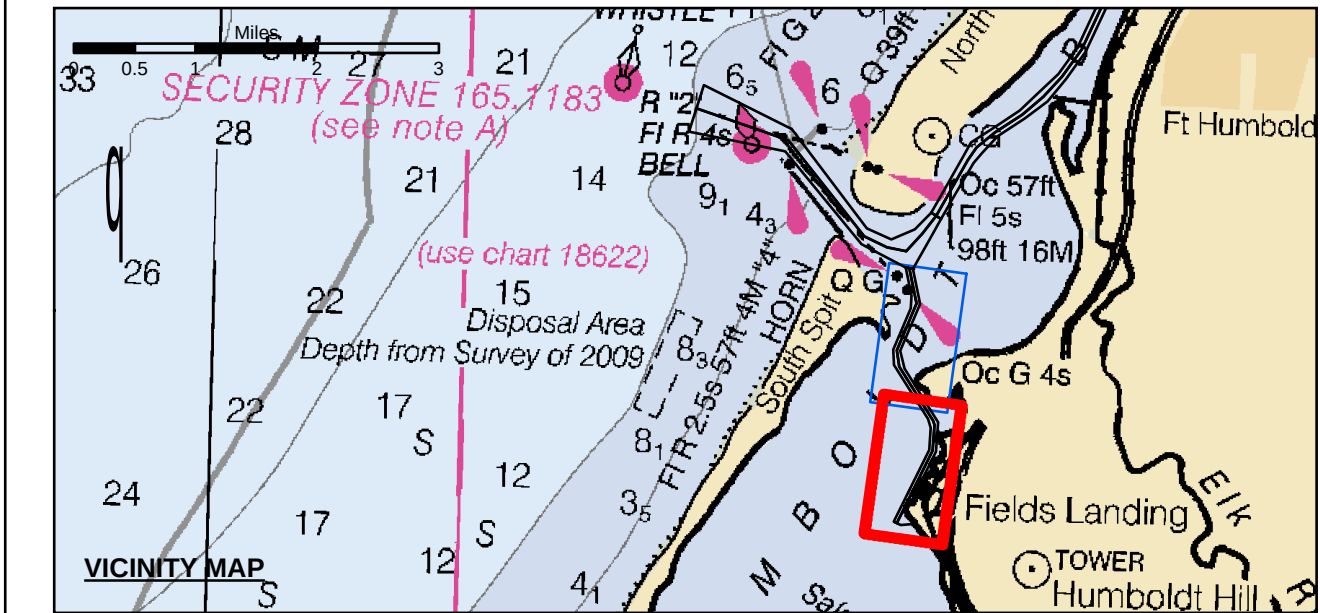
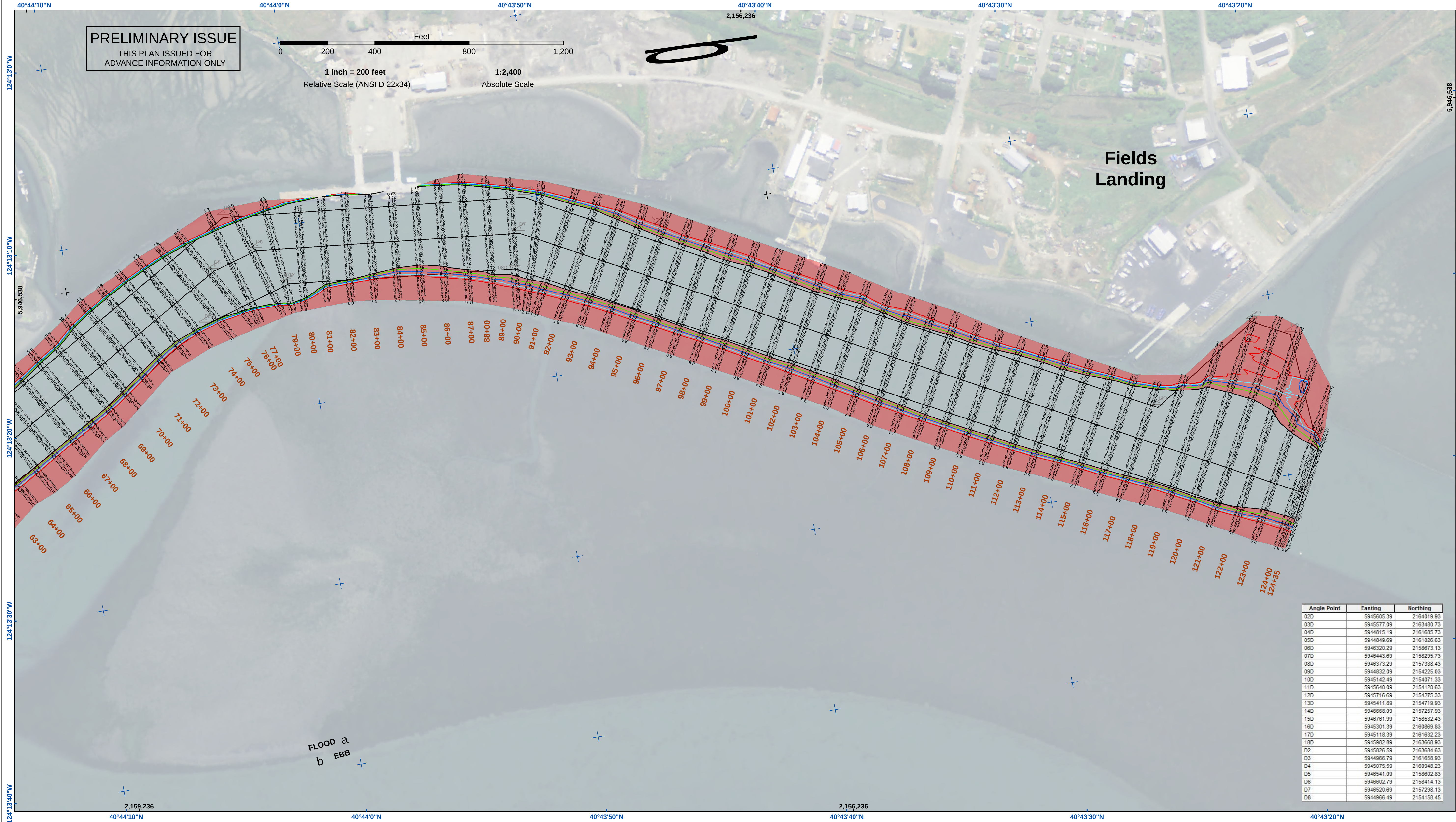




Federal Navigation Channel

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 & SONOMA 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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Chart Date: Feb 26, 2015

Designed by: PDT

Drawn by: PDT

PREPARED UNDER THE DIRECTION OF
LT COLONEL C. MORROW

Submitted: Hydro Survey Team Leader

Recommended: Chief Hydro Survey Section

Approved: Chief Construction Branch

CALIFORNIA

HUMBOLDT COUNTY

HUMBOLDT BAY

FIELDS LANDING CHANNEL

CONDITION SURVEY

18 FEBRUARY 2015

Sheet Reference

Number

2 of 2