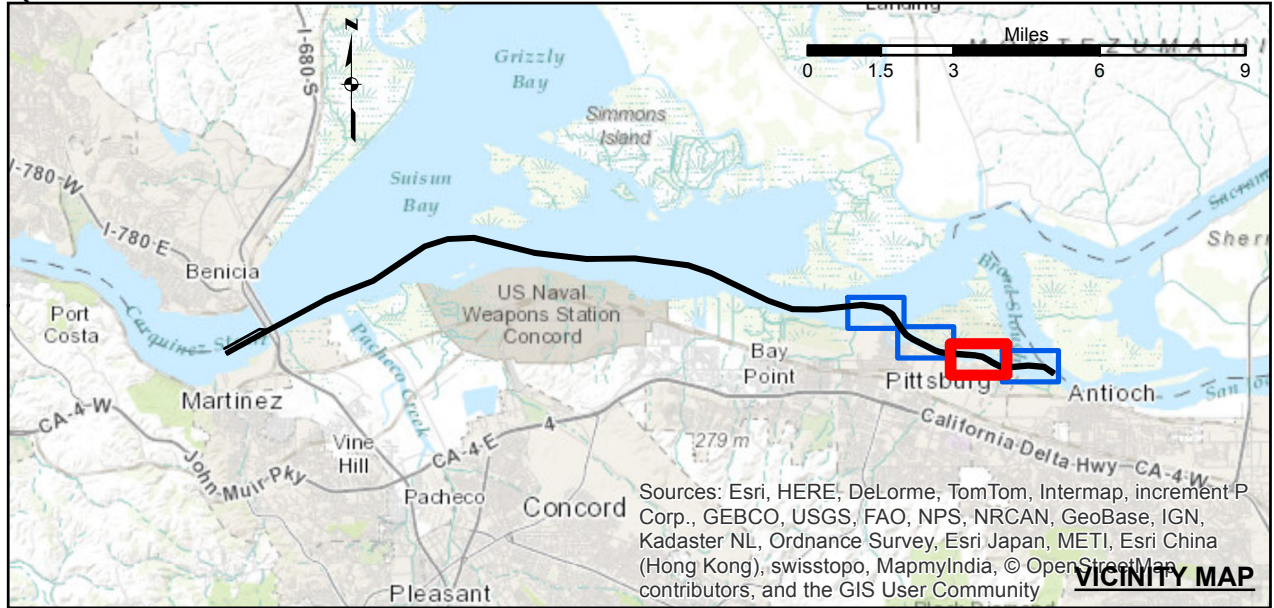
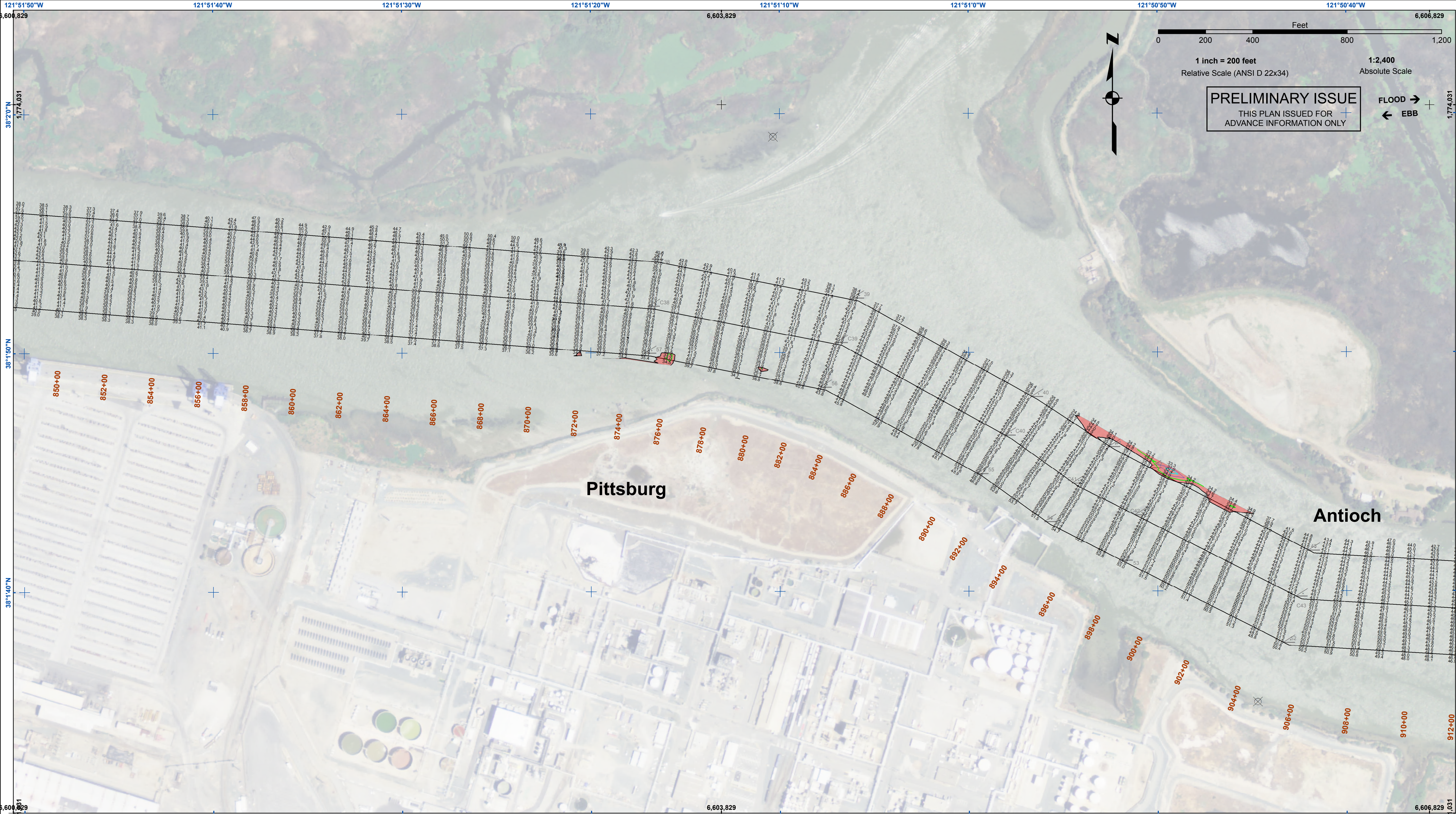




Federal Navigation Channel

Shoaling Area

Placement Area

Anchorage Area

Wreck Area

Submerged Wreck

Angle Point

Beacon, General

Obstruction Point

Navigation Buoy

Navigation Buoy

Shoalest Sounding*

Contours

-35

-34

-33

-32

-31

NOTES:
HORIZONTAL COORDINATE SYSTEM:
NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE II. DISTANCE UNITS IN U.S. SURVEY FEET.

VERTICAL DATUM:
SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MEAN LOWER LOW WATER.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED TO REPRESENT THE GENERAL CONDITION EXISTING AT THAT TIME.

PLANE GRID, BEARING AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE II NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY NATIONAL OCEAN SURVEY. BASE MAPS ARE USDA NAIP 2010.

PREDREDGE SURVEY
STA. 0+00 TO 29+00, 71+00 TO 138+00, 153+00 TO 232+00.

POSTREDGE SURVEY
STA. 30+00 TO 70+00, 139+00 TO 153+00

DRAWING NOT TO BE USED FOR 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 LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY. SOUNDINGS FOR THE OUTSIDE CHANNEL (100FT. WIDE) TAKEN BY FATHOMETER, THE INSIDE CHANNEL (60 FT. WIDE) TAKEN BY LEADLINE, AND ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT. SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

THE PROJECT DEPTH IS 15 FROM ENTRANCE AT THE MARE ISLAND CAUSEWAY TO ASYLUM SLOUGH, THENCE 10 FEET TO HEAD OF NAVIGATION.

VERTICAL CONTROLS:
176+00 TO 224+00 - NAPAR01 - 2.652m MLW - 29.111m WGS-84 - USACE - RTK BASE STATION WGS-84 ELEVATION FROM OPUS SOLUTION MLW ELEV. CALCULATED BY INTERPOLATING ELEVATIONS BETWEEN NOAA TIDE STATIONS 941 5623 AND 941 5218 PENDING.

225+00 TO 840+00 - NAPAR02 - 3.653m MLW - 28.241m WGS-84 - USACE - RTK BASE STATION WGS-84 ELEVATION FROM OPUS SOLUTION MLW ELEV. CALCULATED BY INTERPOLATING ELEVATIONS BETWEEN NOAA TIDE STATIONS 941 5623 AND 941 5218 PENDING.

641+00 TO 892+00 - NAPAR03 - 3.553m MLW - 28.416m WGS-84 - USACE - RTK BASE STATION WGS-84 ELEVATION FROM OPUS SOLUTION MLW ELEV. TRANSFERRED FROM BM 5218 J 1976 VIA RTK ON 4/10/2012 PENDING.

US Army Corps of Engineers

San Francisco District

1455 Market Street

San Francisco, CA 94103

DISCLAIMER

Access Constraints: The United States Government furnishes this data for informational purposes only. It is not intended for use in any other manner than that for which it was prepared. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

PRELIMINARY ISSUE

THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY

FLOOD →

← EBB

PREPARED UNDER THE DIRECTION OF	Surveyed By:	Chart Date:
JOHN C. MORROW		Sep 15, 2014
LT COLONEL, C.E. DISTRICT ENGINEER	Plotted By:	Designed by:
Submitted: Hydro Survey Team Leader	PDT	
Recommended: Chief Hydro Survey Section	Checked By:	Drawn by:
Approved: Chief Construction Branch	PDT	PDT

CONTRA COSTA COUNTY

SUISUN BAY CHANNEL

NEW YORK SLOUGH

COMPOSITE SURVES

PREDREDGE - 30-31 JULY 2014

POSTREDGE - 11 SEPTEMBER 2014

Sheet Reference

Number

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