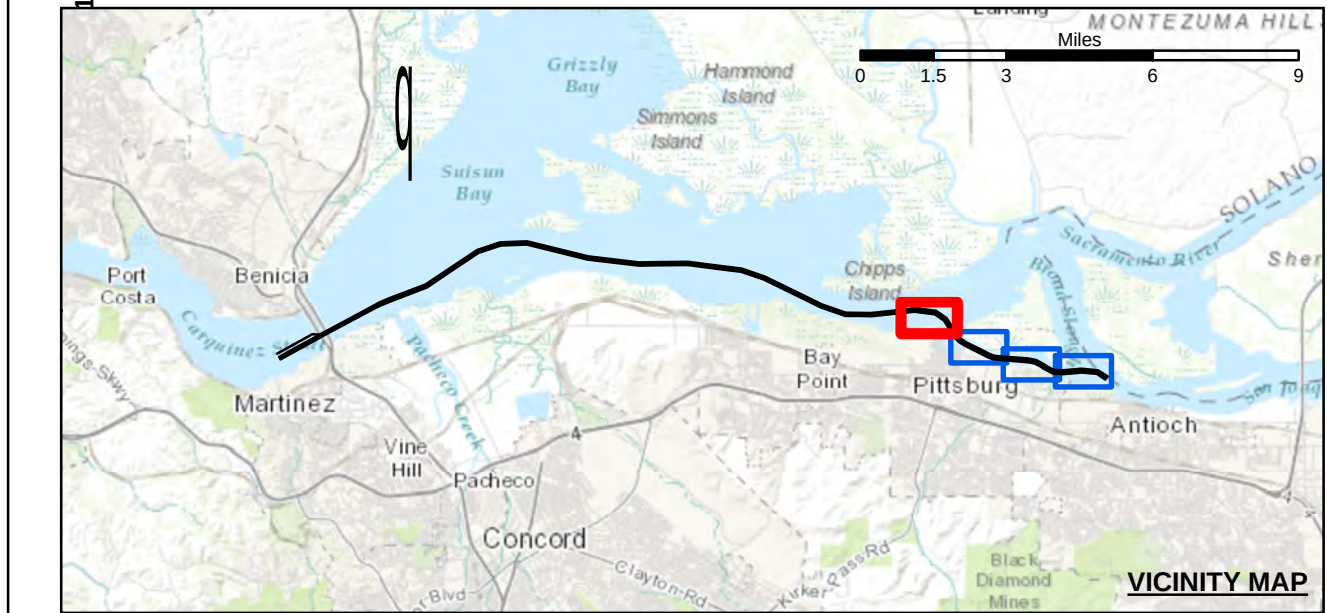
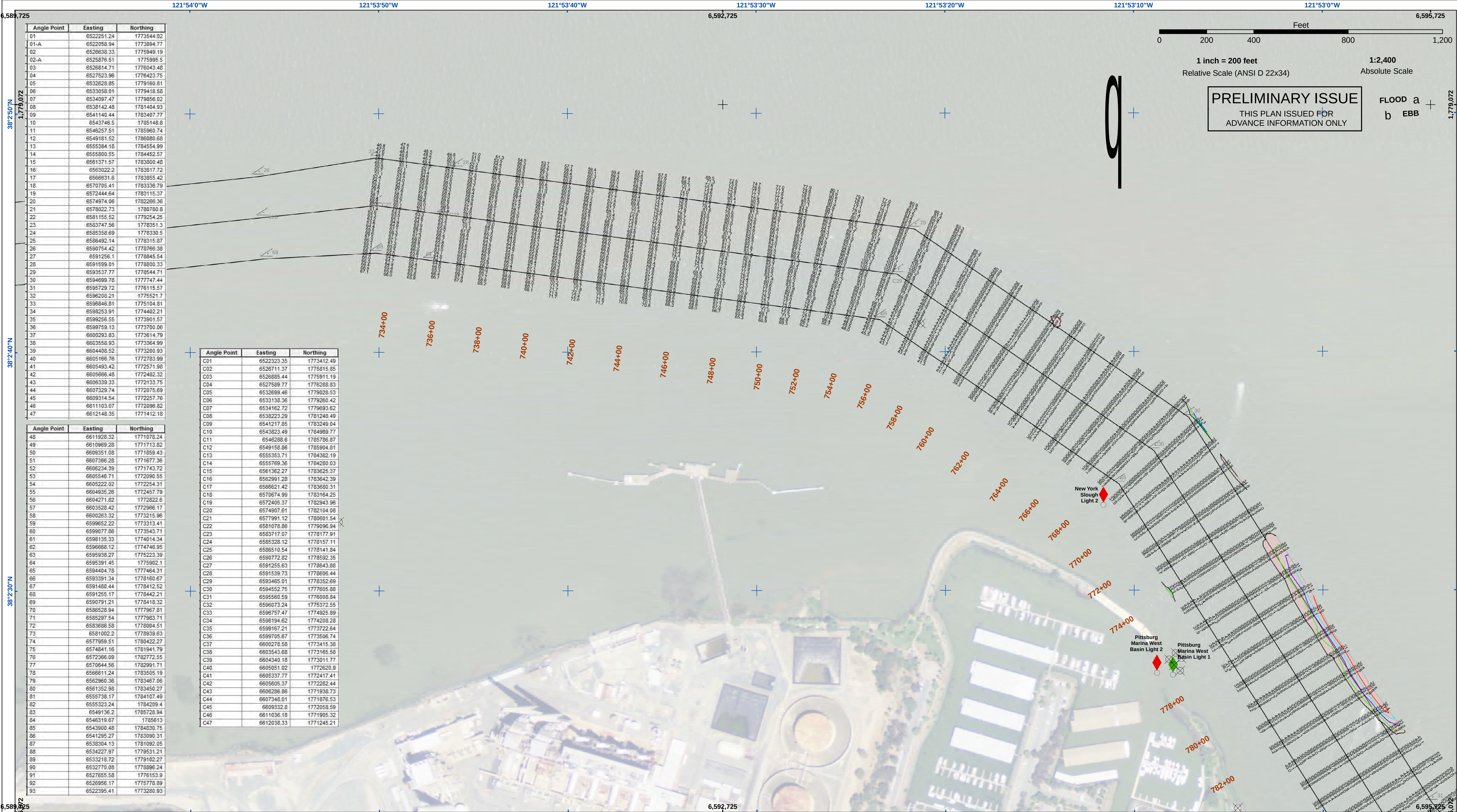




Federal Navigation Channel

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.

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*SHOALEST SOUNDING PER QUARTER PER REACH

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SURVEYED BY THE CORPS OF ENGINEERS.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT. SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY, NAVD 88.

THE PROJECT DEPTH IS 35 FEET.

VERTICAL CONTROL:
SUISUN BAY CHANNEL
(LINES 00+00 TO 160+00) BENCHMARK "9" (1948), USC&GS DISK
ELEV 14.875 FT MLLW, NAVD 88 DATUM.
TIDE GAUGE LOCATED AT PORT OF BENICIA DOCK.

(LINES 150+00 TO 500+00) BENCHMARK "5144-P" (1990 RESET 1997), USC&GS DISK, ELEV 11.83 FT MLLW, NAVD 88 DATUM.
TIDE GAUGE LOCATED AT CONCORD NAVAL WEAPONS STATION TUG DOCK, NOAA STATION.

(LINES 660+00 TO 733+45) BENCHMARK "5096-B", USC&GS DISK, ELEV 21.76 FT MLLW, NAVD 88 DATUM.
TIDE GAUGE LOCATED AT DIABLO SERVICE DOCK.

HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON

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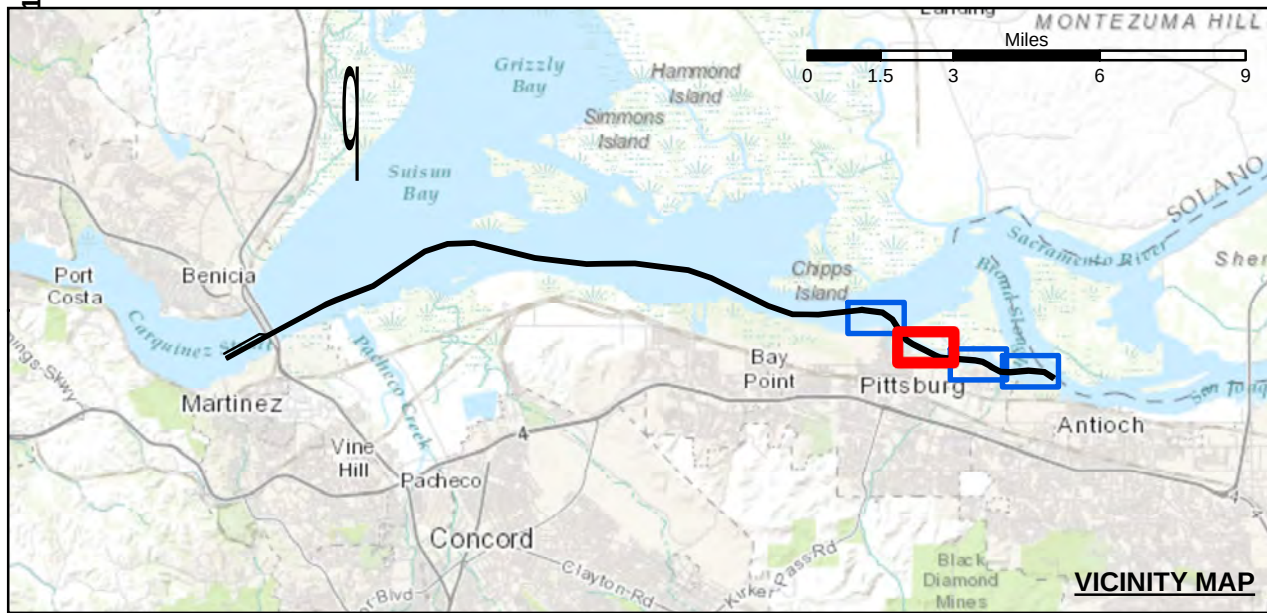
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PREPARED UNDER THE DIRECTION OF JOHN C. MORROW LT COLONEL, C.E. DISTRICT ENGINEER	Chart Date: Feb 28, 2017
Submitted: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Drawn by: PDT
Approved: Chief, Construction Branch	

CALIFORNIA

SUISUN BAY CHANNEL
NEW YORK SLOUGH
CONDITION SURVEY
14-15 FEBRUARY 2017

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- 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

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HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON


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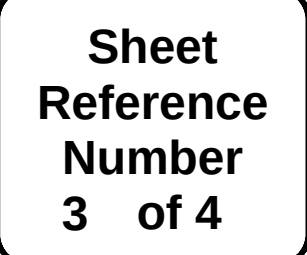
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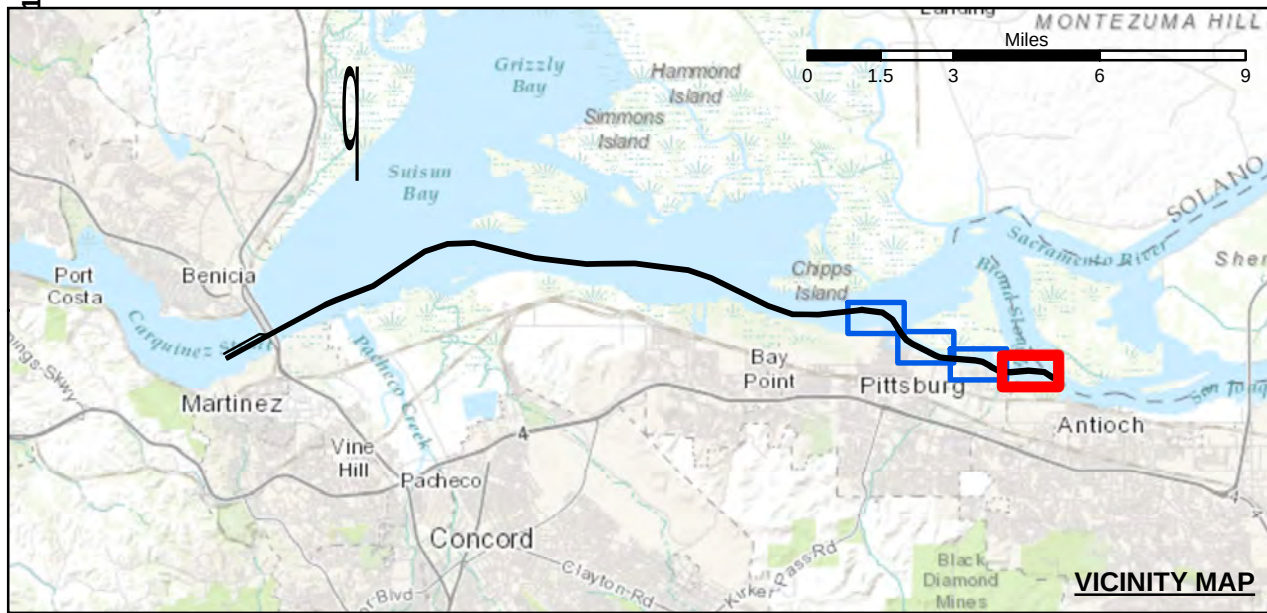
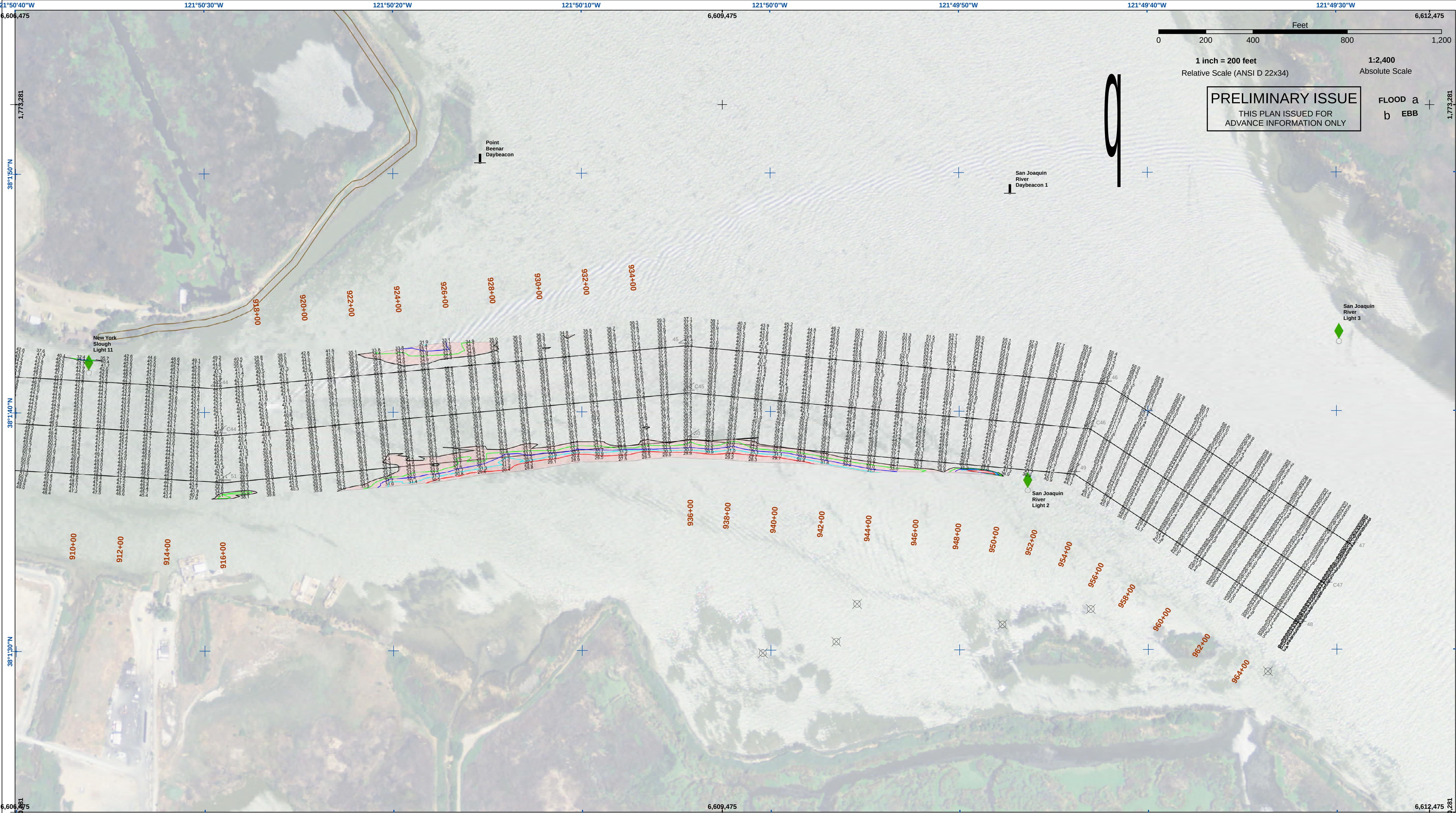
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PREPARED UNDER THE DIRECTION OF LT COLONEL C.E. MORROW	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Floted By:	Feb 28, 2017
Recommended: Chief, Hydro Survey Section	Checked By:	Designed by:
Approved: Chief Construction Branch	PDT	Drawn by:
		PDT

CALIFORNIA
CONTRA COSTA COUNTY
**SUISUN BAY CHANNEL
NEW YORK SLOUGH
CONDITION SURVEY
14-15 FEBRUARY 2017**

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Federal Navigation Channel

Shoaling Area

Placement Area

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Wreck Area

Submerged Wreck

Angle Point

Beacon, General

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Navigation Buoy

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Contours

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HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON



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CALIFORNIA

CONTRA COSTA COUNTY

SUISUN BAY CHANNEL
NEW YORK SLOUGH
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