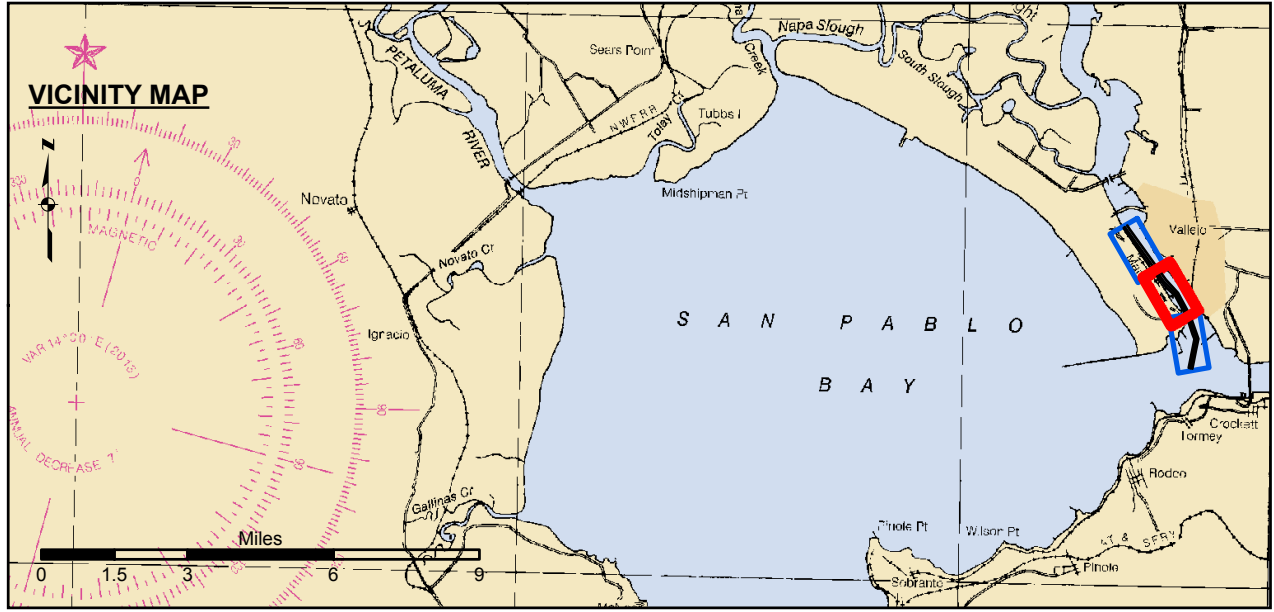
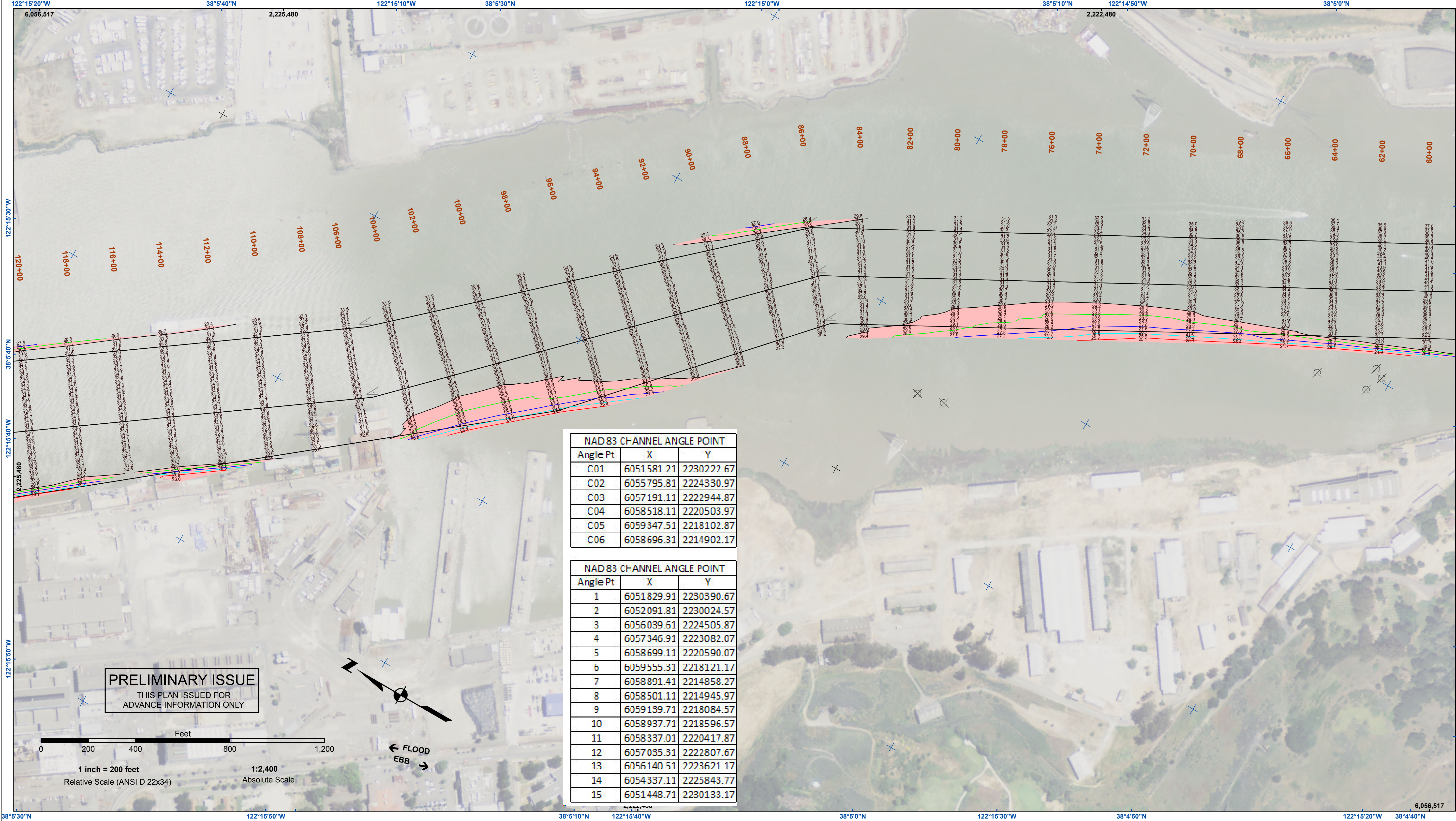




- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point

- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding*

- Contours**
- 30
 - 29
 - 28
 - 27
 - 26

NOTES:
DRAWINGS 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.
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.
VERTICAL CONTROL:
USACE BM NAPA03, MLLW=11.609 FT
MARK LOCATED ON PIER 56, MARE ISLAND

NOS BM 5218 K 1976 (PID:J9537), MLLW = 12.136 FT
MARK US LOCATED AT SOUTH END OF MARE ISLAND
http://tidesandcurrents.noaa.gov/data_menu.shtml?stn=9415218
MARE ISLAND, CA & TYPE = BENCH MARK SHEETS

TIDE GAUGE LOCATION:
1. NOAA STATION 941 5218 - ONLINE
2. MARE ISLAND BERTH 2

HORIZONTAL GPS CONTROL
COAST GUARD D-BEACON

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

1.00 INDICATES THE NUMBER AND BEGINNING OF A LINE OF SOUNDINGS.

PROJECT DEPTH IS 30 FEET FOR MAIN CHANNEL AND 36 FT FOR NAVY CHANNEL



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Prepared Under the Direction of LT COLONEL C.E. MORROW	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Plotted By:	Oct 02, 2014
Recommended: Chief Hydro Survey Section	Checked By:	Designed by:
Approved: Chief Construction Branch	PDT	Drawn by:
	PDT	PDT

MARIN COUNTY
CALIFORNIA
MARE ISLAND STRAIT
CONDITION SURVEY
24 SEPTEMBER 2014

Sheet
Reference
Number
2 of 3