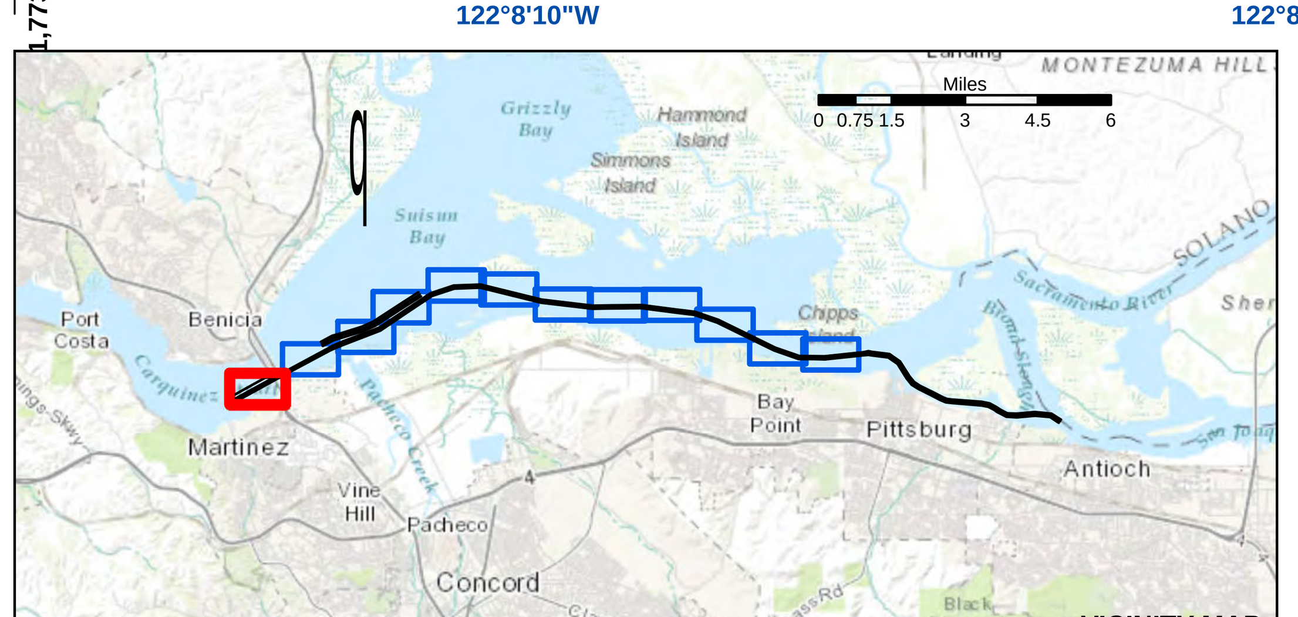

Legend		Legend	
	Federal Navigation Channel		Beacon, General
	Shoaling Area		Obstruction Point
	Placement Area		Navigation Buoy
	Anchorage Area		Navigation Buoy
	Wreck Area		Shoalest Sounding*
	Submerged Wreck		
	Angle Point		

Contours

Contour
-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.

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THE PROJECT DEPTH IS 35 FEET.

VERTICAL CONTROL:
SUISUN BAY CHANNEL
(LINES 00+00 TO 160+00) BENCHMARK "9" (1948), USC&GS DISK
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TIDE GAUGE LOCATED AT DIABLO SERVICE DOCK.

HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON

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

PREPARED UNDER THE DIRECTION OF JOHN C. MORROW, LT. COLONEL, C.E., DISTRICT ENGINEER	Surveyed By:	Chart Date: Sep 01, 2016
Submitted: Hydro Survey Team Leader	Plotted By: PDT	Designed by:
Recommended: Chief, Hydro Survey Section	Checked By: PDT	Drawn by: PDT
Approved: Chief, Construction Branch		

CONTRA COSTA COUNTY — CALIFORNIA

SUISUN BAY CHANNEL
CONDITION SURVEY
22, 23 AND 31 AUGUST 2016

Sheet Reference Number 1 of 12

Federal Navigation Channel	Beacon, General	Contours	
Shoaling Area	Obstruction Point		-35
Placement Area	Navigation Buoy		-34
Anchorage Area	Navigation Buoy		-33
Wreck Area	Shoalest Sounding*		-32
Submerged Wreck			-31
Angle Point			

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HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON

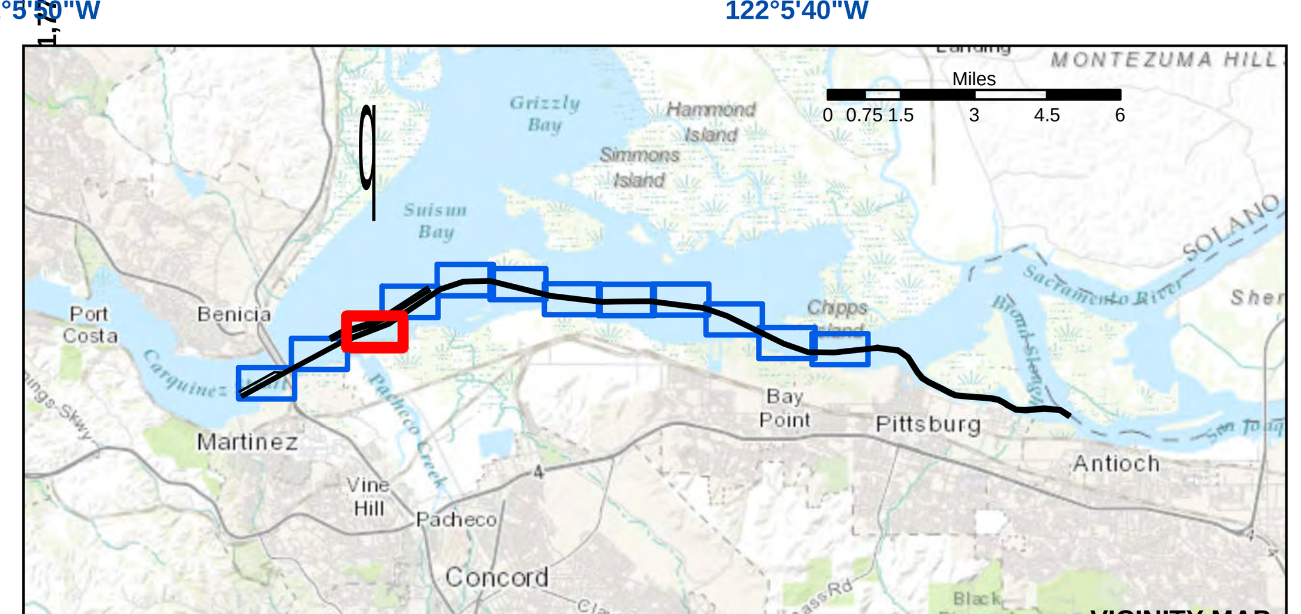
US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Chart Date: Sep 01, 2016
Designed by:
Drawn by: PDT
Surveyed By:
Plotted By: PDT
Checked By: PDT

PREPARED UNDER THE DIRECTION OF
JOHN C. MORROW
LT. COLONEL, C.E., DISTRICT ENGINEER
Submitted: Hydro Survey Team Leader
Recommended: Chief, Hydro Survey Section
Approved: Chief, Construction Branch

CONTRA COSTA COUNTY CALIFORNIA

SUISUN BAY CHANNEL
CONDITION SURVEY
22, 23 AND 31 AUGUST 2016



Legend		Legend		Contours
	Federal Navigation Channel		Beacon, General	-35
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HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON

US Army Corps of Engineers
San Francisco District
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San Francisco, CA 94103

Chart Date: Sep 01, 2016
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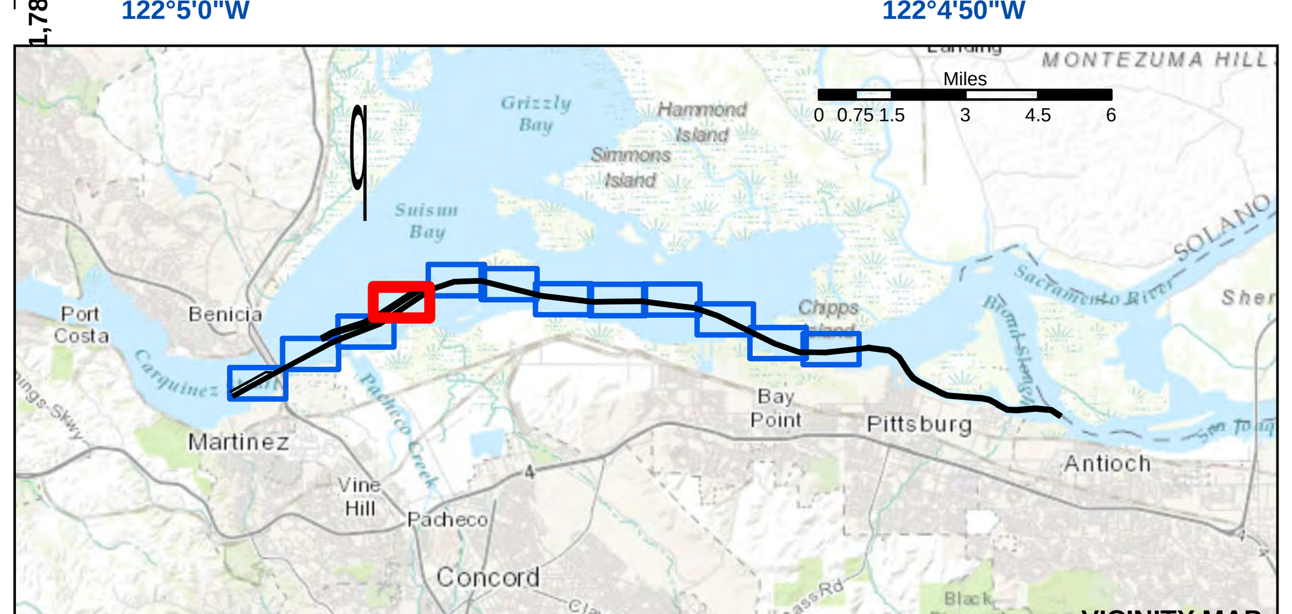
Drawn by: PDT
Surveyed By:
Plotted By: PDT
Checked By: PDT

PREPARED UNDER THE DIRECTION OF
JOHN C. MORROW
LT. COLONEL, C.E., DISTRICT ENGINEER
Submitted: Hydro Survey Team Leader
Recommended: Chief, Hydro Survey Section
Approved: Chief, Construction Branch

CONTRA COSTA COUNTY CALIFORNIA

SUISUN BAY CHANNEL
CONDITION SURVEY
22, 23 AND 31 AUGUST 2016

Sheet Reference Number
3 of 12



Legend		Legend		Contours	
	Federal Navigation Channel		Beacon, General		-35
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	Submerged Wreck				
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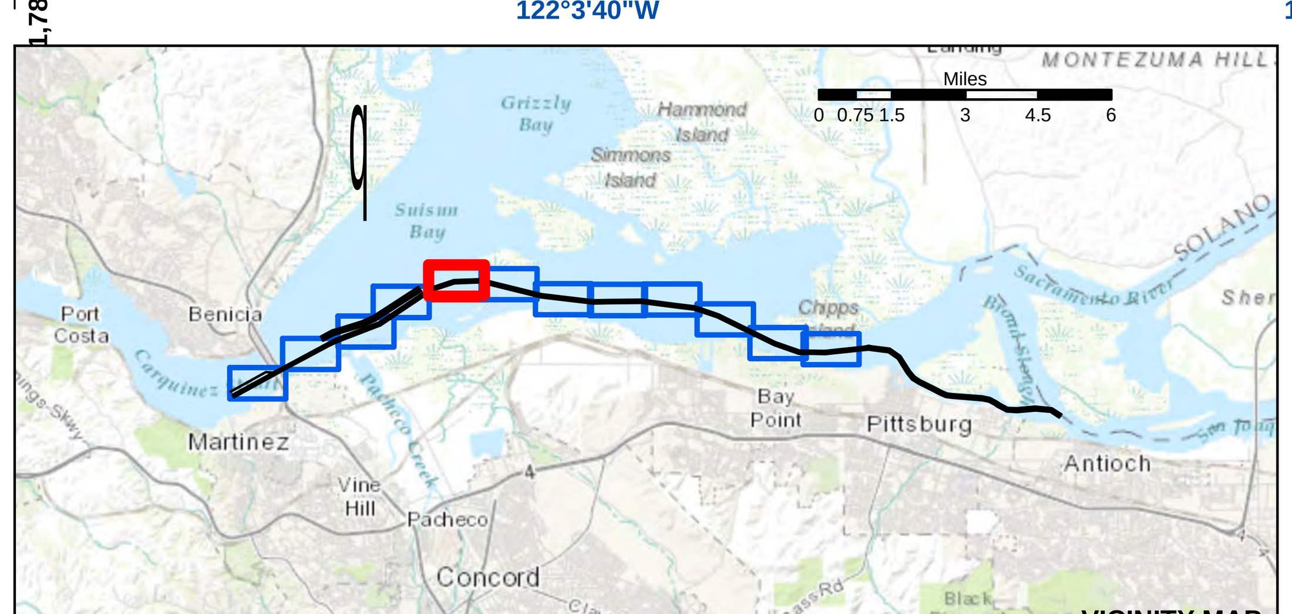
PREPARED UNDER THE DIRECTION OF JOHN C. MORROW LT. COLONEL, C.E., DISTRICT ENGINEER	Surveyed By:	Chart Date: Sep 01, 2016
Submitted: Hydro Survey Team Leader Recommended: Chief, Hydro Survey Section	Plotted By: PDT	Designed by:
Approved: Chief, Construction Branch	Checked By: PDT	Drawn by: PDT

CONTRA COSTA COUNTY CALIFORNIA

SUISUN BAY CHANNEL
CONDITION SURVEY
22, 23 AND 31 AUGUST 2016

CORPS OF ENGINEERS U.S. ARMY



Legend		Legend		Contours	
	Federal Navigation Channel		Beacon, General		-35
	Shoaling Area		Obstruction Point		-34
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US Army Corps of Engineers
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1455 Market Street
San Francisco, CA 94103

Chart Date: Sep 01, 2016
Surveyed By:
Designed by:
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PREPARED UNDER THE DIRECTION OF
JOHN C. MORROW
LT. COLONEL, C.E., DISTRICT ENGINEER
Submitted: Hydro Survey Team Leader
Recommended: Chief, Hydro Survey Section
Approved: Chief, Construction Branch

CONTRA COSTA COUNTY CALIFORNIA

SUISUN BAY CHANNEL
CONDITION SURVEY
22, 23 AND 31 AUGUST 2016

Sheet Reference Number
5 of 12

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

wreck showing mast/masts

FLOOD a
b EBB

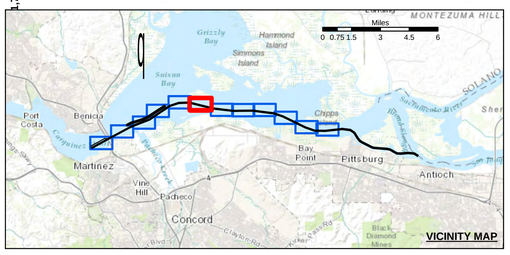
122°2'30"W 122°2'20"W 122°2'10"W 122°2'0"W 122°1'50"W 122°1'40"W 122°1'30"W 122°1'20"W
38°4'10"N 38°4'0"N 38°3'50"N 38°3'40"N
6,549,195 6,552,195 6,555,195
1,786,840

302+00 304+00 306+00 308+00 310+00 312+00 314+00 316+00 318+00 320+00 322+00 324+00 326+00 328+00 330+00 332+00 334+00 336+00 338+00 340+00 342+00 344+00 346+00 348+00 350+00 352+00 354+00 356+00 358+00 360+00 362+00

Feet
0 200 400 800 1,200

1 inch = 200 feet
Relative Scale (ANSI D 22x34)

1:2,400
Absolute Scale



- Federal Navigation Channel
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Contours
-35 -34 -33 -32 -31

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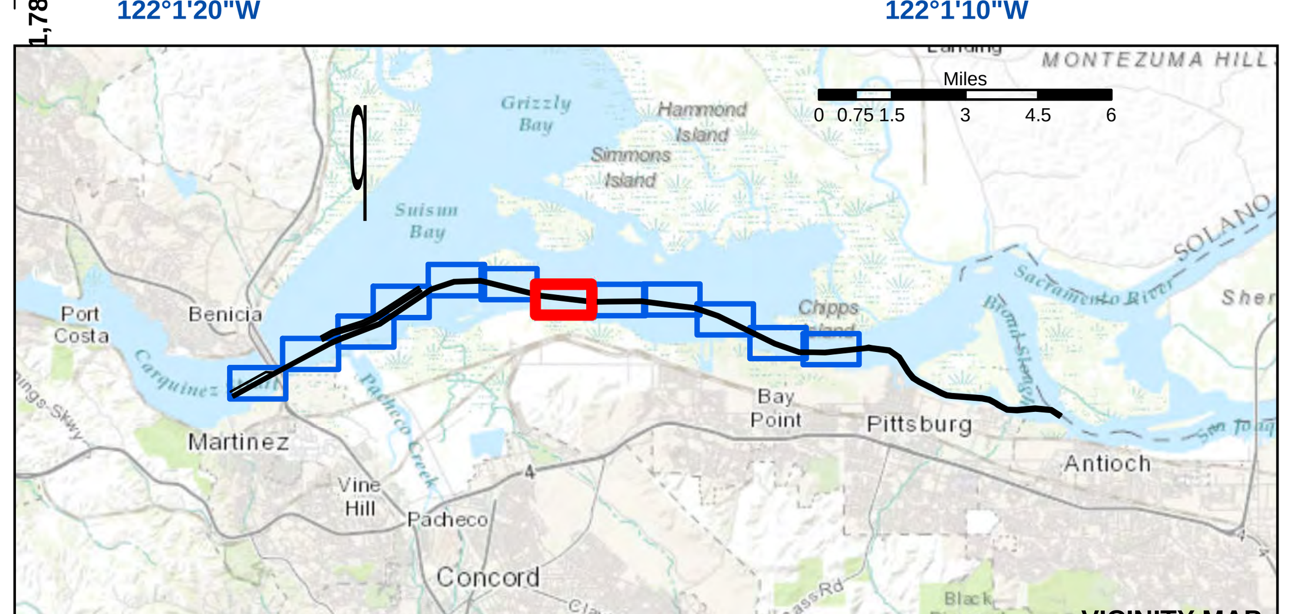
Submitted: Hydro Survey Team Leader
Recommended: Chief, Hydro Survey Section
Approved: Chief, Construction Branch

CALIFORNIA
CONTRA COSTA COUNTY

SUISUN BAY CHANNEL
CONDITION SURVEY
22, 23 AND 31 AUGUST 2016

Sheet Reference Number 6 of 12



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