



NOTES:
HORIZONTAL COORDINATE SYSTEM:
NORTH AMERICAN DATUM OF 1983 (NAVD83), 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 USA NAIP 2010.

*SHOALEST SOUNDING PER QUARTER PER REACH

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.

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
LINE 160+00 TO 600+00 BENCHMARK "3" (1948), USC&GS DISK
ELEV 14.975 FT MLLW, NAVD 88 DATUM.
TIDE GAUGE LOCATED AT PORT OF BENICIA DOCK.

(LINES 160+00 TO 600+00 BENCHMARK "3" (1948), USC&GS DISK
ELEV 14.975 FT MLLW, NAVD 88 DATUM.
TIDE GAUGE LOCATED AT CONCORD NAVAL WEAPONS STATION TUG DOCK, NOAA STATION.

(LINES 660+00 TO 733+49) BENCHMARK "5096-B",
USC&GS DISK, ELEV 21.76 FT MLLW, NAVD 88 DATUM.
TIDE GAUGE LOCATED AT DIABLO SERVICE DOCK.

HORIZONTAL: CG DGPS
TIDE GAUGE
MATERIAL 9 (PID: JT0141) - NOAA TIDE STATION 941.5111
5144 P 1990 RESET 1987 - NOAA TIDE STATION 941.5144
KEY WEST (CORPS BM) - NOAA TIDE STATION: 941.5096

CONTRA COSTA COUNTY
SUISUN BAY CHANNEL
CONDITION SURVEY
6, 9, 12 & 18 FEBRUARY 2015

Sheet
Reference
Number
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PREPARED UNDER THE DIRECTION OF	Surveyed By:	Chart Date:
JOHN C. MORROW LT. COLONEL, G.E., DISTRICT ENGINEER	Feb 27, 2015	
Submitted:	Plotted By:	Designed by:
Hydro Survey Team Leader	PDT	
Recommended:	Drawn By:	
Chief Hydro Survey Section	PDT	
Approved:	Checked By:	
Chief Construction Branch	PDT	

CALIFORNIA
SUISUN BAY CHANNEL
CONDITION SURVEY
6, 9, 12 & 18 FEBRUARY 2015