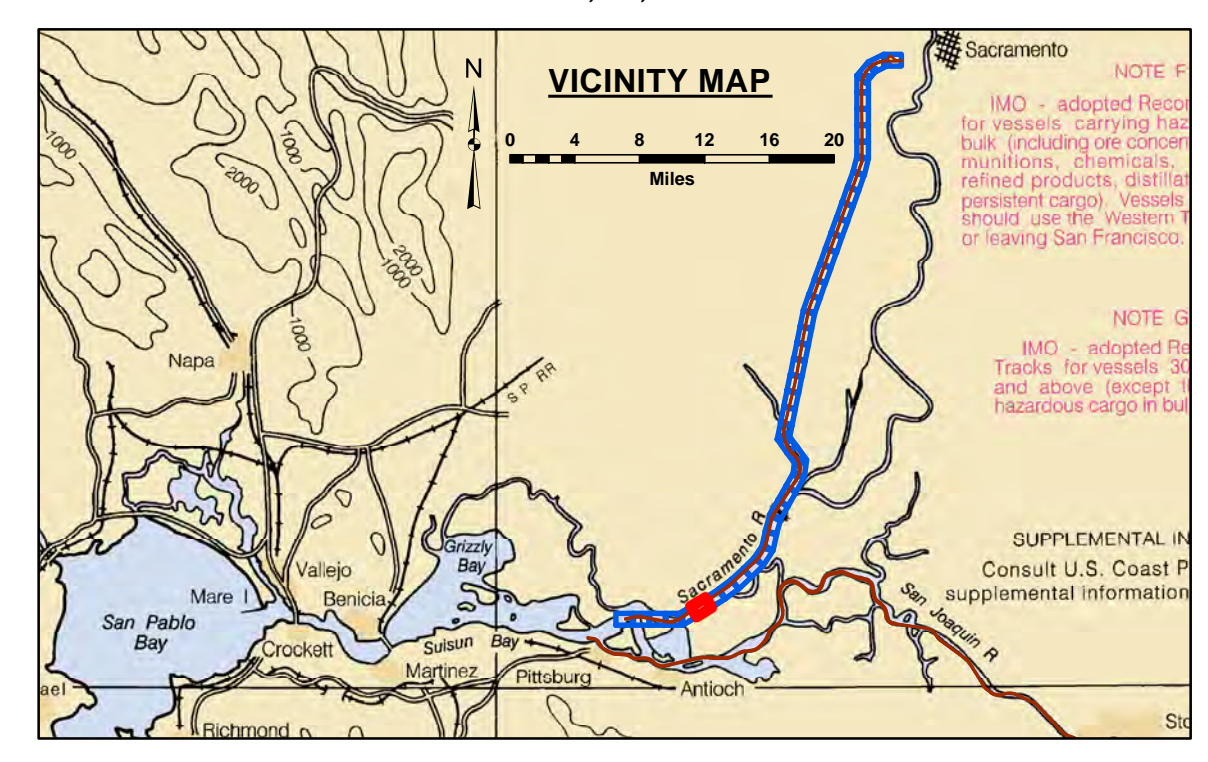


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Prepared Under the Direction of JOHN C. MORROW LT. COLONEL, C.E., DISTRICT ENGINEER	Chart Date: Feb 03, 2017
Surveyed By: Hydro Survey Team Leader	Designed by: PDT
Plotted By: PDT	Checked by: PDT
Recommended: Chief, Hydro Survey Section	Drawn by: PDT
Approved: Chief, Construction Branch	

CALIFORNIA
SAN JOAQUIN COUNTY
SACRAMENTO RIVER
REACH 3
POST-DREDGE SURVEY
23 SEPTEMBER 2016

Sheet
Reference
Number
6 of 45



0 400 800 1,200 Feet

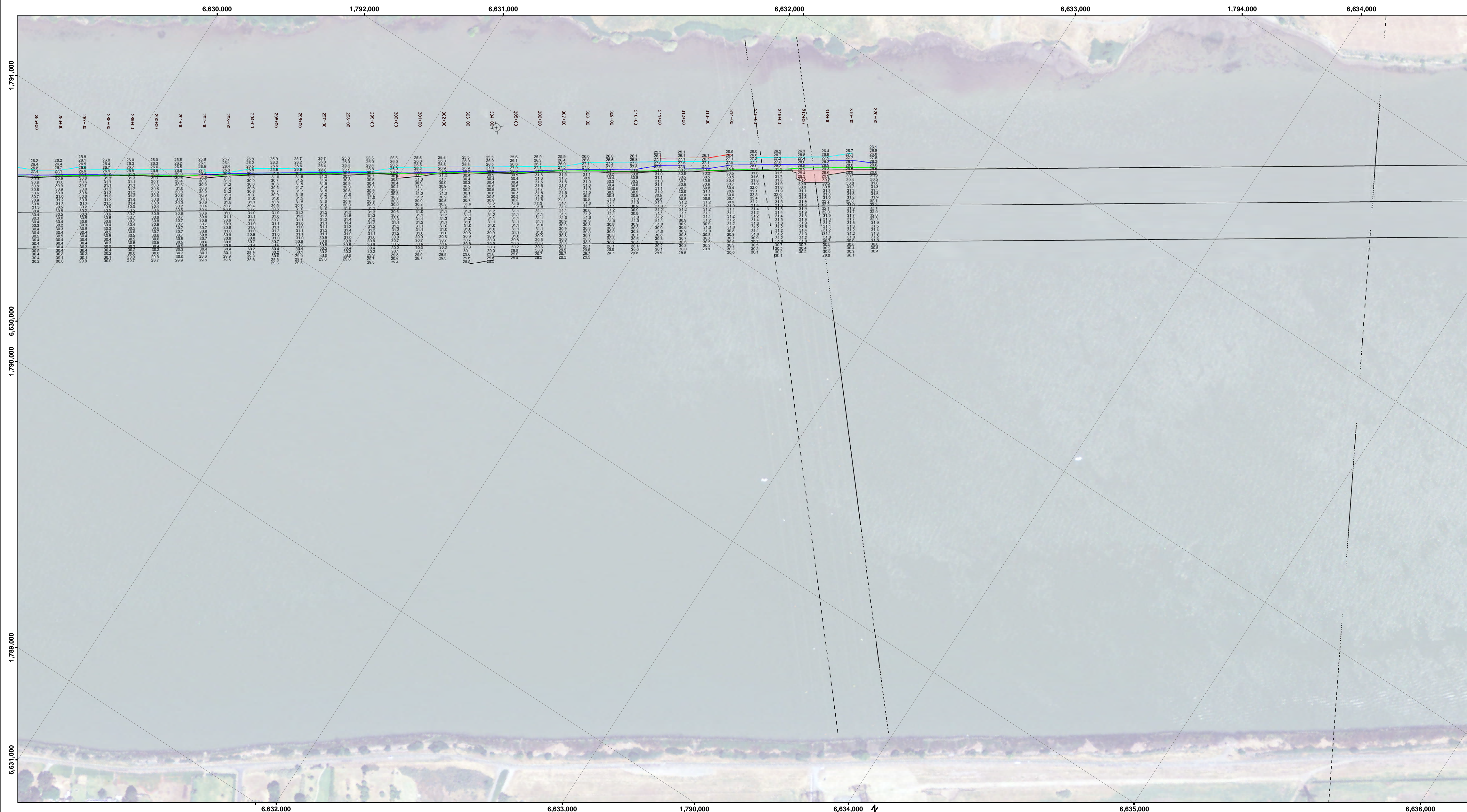
LEGEND

--- Federal Navigation Channel	▨ Cable Area	■ Shoaling Area	— Contour Line
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	— -30
..... Cable Submarine	▭ Anchorage Area	⊥ Beacon, General	— -29
- - - Cable Overhead	⊗ Obstruction Point	◆ Red Navigation Buoy	— -28
— Contour Line	✈ Wrecks-Submerged	◆ Green Navigation Buoy	— -27
			— -26

Contours

NOTES:
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 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.
NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402), DISTANCE UNITS IN U.S. SURVEY FEET.
PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II, CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.
PROJECT DEPTH: -30'
VERTICAL DATUM: MLLW
THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOAA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014
LOCATION: PORT OF WEST SACRAMENTO
NOAA STATION: 9416131
BENCHMARK: POWS1 (NO PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014
ALL HORIZONTAL POSITIONS AND MLLW ELEVATIONS WERE POST-PROCESSED USING PUBLIC GPS REFERENCE STATIONS IN THE AREA.

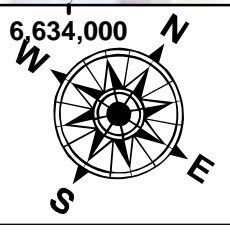
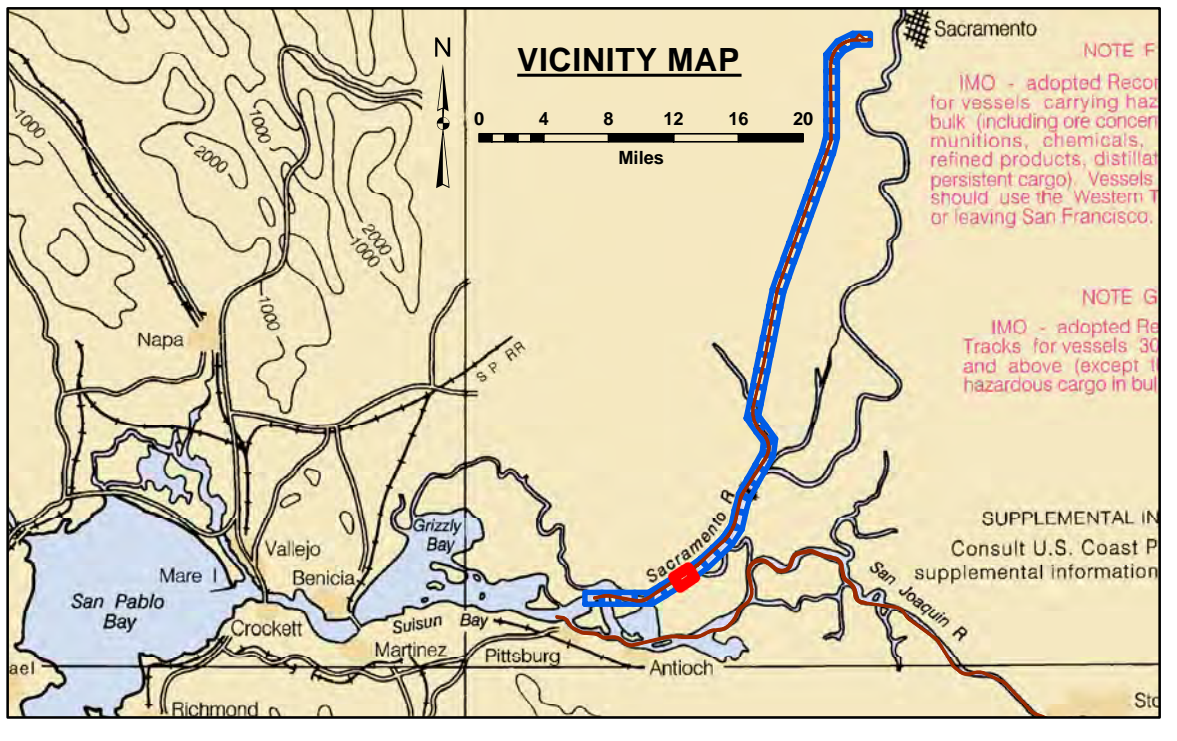


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Chart Date:	Feb 03, 2017
Designed by:	
Drawn by:	PDT
Surveyed By:	
Plotted By:	PDT
Checked By:	PDT
Approved:	
Chief, Construction Branch	

CALIFORNIA
 SAN JOAQUIN COUNTY
SACRAMENTO RIVER
 REACH 3
 POST-DREDGE SURVEY
 23 SEPTEMBER 2016



LEGEND		
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Contours	
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