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4019

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	<i>Topographic</i>
Field No.	Office No. <i>4019-4021</i>
LOCALITY	
State	<i>California</i>
General locality	<i>San Pablo</i>
Locality	<i>Bay North Shore</i>
<u>1922</u>	
CHIEF OF PARTY	
<i>O. W. Swanson</i>	
LIBRARY & ARCHIVES	
DATE	

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MAY 15 1923

Form 504  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

State: California

11-5813

DESCRIPTIVE REPORT.

Tapa Sheet No. 4019, 4021  
678

LOCALITY:

Napa River

San Pablo Bay, - N. Shore

(4019) Napa River, - South Slough to Coon Island

(4021) " " - Marels. to South Slough

1922

CHIEF OF PARTY:

O. W. Swainson

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REVISION SURVEY of NAPA RIVER, Parts 1 and 2

L. M. MOWER

The revision work of the lower reaches of Napa River was done mostly during the months of March and April by one officer and three men. Headquarters for the most part were the U.S.S. Natoma, altho for parts of several weeks the parties lived ashore at Vallejo. *Instruction dated June 11, 1921*

With plenty of control no traverses were required. The line of transmission towers gave a good fix in most places.

Attention is called to the following changes in shoreline and landmarks:

- (a) Island No. 1 has been drained and is now under cultivation as shown.
- (b) The boat cut off called locally "Dutchman's Slough" is far different from what shown on the chart. The change in its course is perhaps due to a levee being brot across.
- (c) The prevailing local names for the different sloughs have been embodied in the revised work. i.e. Boat Cut off now called Dutchman's Slough; Navy Yard Slough now called South Slough.
- (d) Land shown to the eastward of Island No. 2 as swamp, has been reclaimed and is known as Knight Island.
- (e) The wreck of the old ship "Monticello" lies in the middle of Napa Branch.

No unusual conditions prevailed and nearly all work was done from levees.

*L. M. Mower*

L. M. Mower, Jr. H.&G. Eng.

# List of Plane Table Positions

Object and Description	Lat.	D.M.	Long.	D.P.
Wireless mast	38 05	119 <sup>6</sup>	122 15	1270✓
" "		121✓		1398✓
" "		299✓		1331✓
Tank		127 36		1380✓
Watch tower		590 2	16	438✓
E. Wireless tower		1597 1604		733✓
Flag Pole Vallejo Yacht Club	06	435✓	15	1288 92
Black Stack		782 7		1308✓
Marine watch house		1104 8		1243✓
Center of drawbridge counterweight		891✓	16	283✓
Gun Northwest cupola of Marine Rifle Range		984 8	17	448✓
Whit White hydrographic signal		1605 63	18	211✓
Ney Prominent brick stack	07	479✓	16	666✓
N. gable G. I. hay barn		1152 4	17	1414 23
Nat Hydrographic Signal (not recoverable)		274 6	18	872 5
Barn " " "		780✓		1324 35
Tom " " "		1552 3	19	1390 8
Lt. at end of Slaughter House Pt. dock	08	1483✓	17	163✓
Camp Comfort Center of red shack		1020 3	18	719 22
Windmill near G. I. barn	09	930✓	17	1344✓
North cupola " " "		1406✓		1250 47
Windmill	<del>1000</del>	1810✓	20	402 453
Lone Tree, prominent		1682 4	21	1398 453
Shack	10	890 3	17	80✓
Red spar buoy		954✓		770✓
Tide House (old)		355 9		949✓
S. Gable barn		430✓	18	294 6
Black can buoy	11	58✓		1060 5
Flag pole shack on island		332✓	19	537✓

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 8 4021

State . . . California . . . . .

General locality . . . San Pablo Bay — North Shore . . . . .

Locality . . . Napa River, Mare I. to South Slough  
Mare Island and vicinity . . . . .

Chief of party . . . O.W. Swainson . . . . .

Surveyed by . . . . . L.M. Mower . . . . .

Date of survey . . . . . March and April, 1922 . . . . .

Scale . . . 1:10,000 . . . . .

Heights in feet above . . . . .

Contour interval . . . . . feet.

Inked by L.M. Mower . . . Lettered by L.M. Mower . . . . .

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, ☒ Horizontal angle books, Field computations,

Data from other sources affecting sheet . . See accompanying chart

Remarks:

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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Locality . Napa River, South Slough to Coon Island . . . . .

Chief of party . O. W. Swainson . . . . .

Surveyed by . L. M. Mower . . . . .

Date of survey . . March and April 1922 . . . . .

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Inked by . . L.M.M. . . . . . Lettered by . . L.M.M. . . . . .

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chart

Remarks: