4019 4021

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Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: Topographic

Field No. ..... Office No. 4019-4021

LOCALITY

State: California

General locality: San Pablo

Locality: Bay North Shore

1922

CHIEF OF PARTY

O. W. Swanson

LIBRARY & ARCHIVES

DATE .....

B-1870-1 (1)++

4021 4019

4019

MAY 15 1923

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: California

11—5613

DESCRIPTIVE REPORT.

Topa Sheet No. 6 & 8 4019 4021

LOCALITY:

~~Napa River~~

San Pablo Bay, — N. Shore

(4019) Napa River, South Slough to Coon Island

(4021) " " , Marel. to South Slough

1922

CHIEF OF PARTY:

O. W. Swainson

4021 4019

4019

Sheets 6 and 8.

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 1 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.	Logg.		D.P.
Wireless mast	38	05	119 6	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	1268 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 " " "			1550 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		~~1810~~	1810		20	1402 453
Lone Tree, prominent			1682 4		21	~~1398~~ 453
Shack		10	890 3		17	80
Red spar bouy			954			770
Tide House (old)			356 9			949
S. Gable barn			430		18	294 6
Black can bouy		11	58			1060 5
Flag pole shack on island			332		19	537

Form 537a
11-5813

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

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:

Form 537a
11—5813

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. 6 4019

State . California . . . . . .

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

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 . . . . . .

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

Heights in feet above . . . . . .

Contour interval . . . . feet.

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

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, ~~Horizontal angle books, Field computations~~,

Data from other sources affecting sheet See accompanying chart

Remarks: