

3204

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: *California*

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. *3* *4023*

LOCALITY:

Suisun Bay

Suisun Pt. to Simmons Island

19122

CHIEF OF PARTY:

O. W. Swainson

TOPOGRAPHIC SHEET #3
SURVEY OF SUISUN BAY, CALIFORNIA
Under Instructions of March 1, 1922

This sheet extends from Suisun Pt. on the west to Middle Pt. on the east, along the southern shore of Suisun Bay, and including Roe Island, Long Point Island and part of Simmons Island. The field work was started August 22, 1922 and practically completed by October 24, 1922.

The territory covered by this sheet is mostly low, marshy land overrun with tules and marsh grass. Few changes have taken place except in the shore line where tules have grown out or receded. The shore line on the sheet is always the outside edge of the tules. The most marked change is the condition of Ryer Island. The name has been changed to Long Point Island and due to deterioration of the levee the whole island at present is covered with tules and grass marsh. The Long Point Gun Club uses the island as a game preserve.

A new state highway has been built parallel to the Southern Pacific R. R. It is a first-class concrete road. The railroads have the same locations as shown on the chart.

One small town, Bay Point, comes within the borders of this sheet. The chief industry and support of the town is the Smith Lumber Co. The shipping facilities of Bay Point are excellent since there are three railroads and deep water at hand. Avon could hardly be considered a town but it is the location of a very large plant of the Associated Oil Co. Another large industry, located on Bulls Head Pt., is the Mountain Copper Co.

Two blueprints accompany this sheet, one of the Associated Oil plant and the other of the Mountain Copper Co. These were acquired through the kindness of Mr. Neeby of the Associated Oil Co. and Mr. Smith of the Mountain Copper Co. I respectfully suggest that they each be sent a new chart when published. A chart to accompany the sheet has been marked with red and blue ink to assist in determining the new and changed features. The blue marks indicate incorrectness or change.

The ordinary plane table methods were used on this sheet. No traverses were necessary since a three point fix was available at all times. A list of plane table positions is attached to this report.

Another blueprint received since the above paragraphs were typed shows the Shell Oil Plant at Martinez and the highway which passes through their grounds. It accompanies the sheet.

Robert H. Burns
Aid, U. S. C. & G. Survey

PLANE TABLE POSITIONS

TOPOGRAPHIC SHEET #3

Object	Lat.	D. M.	Long.	D. P.	Remarks
Signal, "Bob"	38 04	1626	121 59	643	Center of signal
White House, "Rail"	04	1133	122 00	303	Center of rail-
					ing around top
Tree, "Tree"	05	703	00	1273	Top
Concrete Stack, "But"	01	1450	06	321	Center of top
Paint Sign, "Paint"	04	1269	07	291	" " "
Shell Oil Sign	04	1028	07	347	Center
Gray Tank, "Gray"	04	1004	07	769	Top
Tire Sign	04	377	07	812	Center
Water Tank, "Tan"	05	1551	00	1085	"

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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. 3 4023

State California

General locality Suisun Bay

Locality Suisun Pt. to Simmons Island
~~Between Suisun Pt. and Middle Pt.~~

Chief of party O. W. Swainson

Surveyed by R. W. Byrns

Date of survey Aug.-Oct. 1922

Scale 1:10 000

Heights in feet above

Contour interval feet.

Inked by . R. W. B. Lettered by . R. W. B.

Records accompanying sheet (check those forwarded): Photographs,

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

Data from other sources affecting sheet Blueprint showing plant of the Mountain Copper Co. Blueprint showing plant and dock of the Associated Oil Co. at Avon. Blueprint showing plant and dock of the Shell Oil Co. at Martinez.

Remarks: