

4026

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: California

11-5013

DESCRIPTIVE REPORT.

Topographic Sheet No. # 2 4026

LOCALITY:

Suisun Bay - W. Shore

Goodyear to Mouth of Montezuma Slough

1923

CHIEF OF PARTY:

O. W. Swainson

TOPOGRAPHIC SHEET # 2.

SURVEY OF SUISUN BAY, CALIFORNIA.

Under instructions dated March 1, 1922.

This sheet extends from the north end of sheet # 1, one or two miles south of Goodyear, along the west and north shore of Suisun Bay for a distance of eight miles. The work completed on the sheet connects with the work on sheet # 1 and extends to and includes the mouth of Montezuma Slough. It was started on Jan. 9 1923 and completed on Feb. 2, 1923.

A great deal of the area covered on this sheet has been reclaimed and is now under cultivation although some is used for grazing purposes. Otherwise the territory is just as shown on the present chart.

The levees not shown on Sheet # 2 and which are on the chart show signs of previous existence but they are in very poor condition and hardly function as levees due to breaks and low spots along them.

As noted on the sheet, the highway and railroad have the same location as on the present chart. The highway is a very good concrete road. The railroad is now double track for its entire length on this sheet.

The work on this sheet was done while the ship was anchored in Montezuma Slough. The topographic party usually consisted of one officer and three men, using the motor sailer to get to and from the working grounds.

The usual plane table methods were used, a three point fix being available at all times. Before going in the field the shore line and principal features on the old bromide sheet covering this territory were transferred to this sheet. This aided materially in checking the present chart and noting the changes.

Several plane table positions were determined and a list of them is attached to this report.

Robert M. Byrnes
Aid, U.S.C. & G.S.

No new names

PLANE TABLE POSITIONS

TOPOGRAPHIC SHEET # 2

SUISUN BAY, CALIFORNIA.

Object	Lat	D.M.	Long.	D.P.	Remarks
Tree "Nick"	38 08'	610	122 04'	367	Top of tree
Barn, "Barn"	06'	782	05'	700	South gable of barn.
Windmill	07'	1264	05'	1442	Windmill near station <u>Pierce.</u>

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. 2 4026

State . . . California

General locality . . . Suisun Bay - West Shore

Locality . . . Goodyear to Mouth of Montezuma Slough

Chief of party . . . O.W. Swainson

Surveyed by . . . R.W. Byrns

Date of survey . . . January- February 1923

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

Remarks: