

4025

Diag. Cht. No. 5534-1

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey

Topographic

Field No.

Office No.

4025

LOCALITY

State

California

General locality

Suisun Bay

Locality

1923

CHIEF OF PARTY

O. W. Swanson

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DATE

4025

4025

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: California

11-5613

DESCRIPTIVE REPORT.

Field No. 5
Topographic Sheet No. 4025

LOCALITY:

Suisun Bay

{ Mouths of
Sacramento and San Joaquin Rivers

~~River Entrance~~

1923

CHIEF OF PARTY:

O. W. Swainson

TOPOGRAPHIC SHEET # 5.

Resurvey of Suisun Bay, Calif.

Under instructions dated March 1, 1922.

The work on this sheet includes the part of Suisun Bay east of the eastern entrance of Montezuma Slough, on the North and the western end of New York Slough on the south, and the Sacramento and San Joaquin Rivers as far east as the eastern limit of Chart 5534.

The south shore of New York Slough from Pittsburg eastward for two miles is occupied by several factories, the most important being the Columbia Steel Co., Redwood Manufacturing Co., Pioneer Rubber Mills and the Great Western Electric Co. From the latter plant eastward to Antioch, the shore is marshy.

The principal towns on the south shore are Pittsburg and Antioch. Pittsburg, located at the west end of New York Slough, is a growing industrial town, and the principal fishing port on the bay. It is a port of call for the Stockton steamers. There are several wharves, including the City Dock, Booth's Cannery Wharf, and wharves of the various factories to the eastward of the town. A small ship-yard one mile east of town builds and repairs launches and small barges. A blue print of Pittsburg accompanies the sheet. Only the waterfront and sufficient streets to tie in the blue print were run in by plane table. Two minor corrections were made to the blue print to bring it up to date. Pittsburg is on the main lines of the Southern Pacific and Santa Fe, and a branch of the San Francisco-Sacramento Railroad. The Southern Pacific line falls outside the limits of the sheet. A portion of the main highway between Pittsburg and Antioch also falls outside the limits of the sheet. A line 200 meters north of and parallel to it was located and is shown on the sheet.

Antioch, located on the south shore of the San Joaquin River, and on the Santa Fe and Southern Pacific Railways, is chiefly an agricultural town. A paper mill, a box factory, and a cannery are located here. It is a port of call for the Stockton steamers. It has one large dock and two or three smaller ones.

Brown's Island, Winter Island and that portion of Sherman^{Is} which is included in the sheet are all marshy. Winter Island was under cultivation up to a few years ago, but became flooded through breaks in the levee; the southern portion of it is under water; it is probable that the island may be again reclaimed in the near future. The western part of Sherman Island was also under cultivation, but is now being used as a spoil ground for the dredge working in the Sacramento River. When the dredging is completed it will again be valuable farming land. A portion of Kimball Island is under cultivation.

The mouth of the Sacramento River is being widened and deepened by a dredge of the U.S. Engineer Department. The channel, north of the long narrow island just above the mouth is artificial. The dredge is now at work removing the island, the material being pumped onto Sherman Island.

The northern shore of Suisun Bay and Sacramento River mouth is, in general, low and marshy; although part has been reclaimed. Collinsville is a small fishing village built on piles in the marsh on the north shore; some of the Sacramento steamers make it a port of call.

The usual plane table methods were used in the survey. A large number of points located by triangulation furnished ample control, a three point fix being available at all times.

M. O. Witherbee
H. S. Engineer
Topographer.

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.

4025

Field No 5

State California

General locality Quisun Bay

Locality Mouths of Sacramento and San Joaquin Rivers
~~San Joaquin and Sacramento Rivers~~

Chief of party O.W. Swainson

Surveyed by M.O. Witherbee

Date of survey January, February, 1923.

Scale 1: 10,000

Heights in feet above feet.

Contour interval feet.

Inked by M.O. Witherbee . Lettered by . M.O. Witherbee.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet . Blue Print, map of Pittsburg, California; copy of Chart 5534 showing changes beyond limits of sheet.

Remarks:

PLANE TABLE POSITIONS

Topographic Sheet No 5

Suisun Bay, California.

Object and Description	Latitude	D M	Longitude	D P	Remarks
U.S. Engineers Signal "I"	38	04	793	51	557
Tank "Col"	04	951	51	60	
School, Cupola, Collinsville	04	1797	50	1360	
"Kay", U.S. Engineers Signal	04	458	50	1435	
"El" U.S. Engineers Signal "L"	04	429	51	480	
"Em" U.S. " " "M"	04	155	51	761	
"En" U.S. " " "N"	04	167	51	174	
"Gee" " " "G"	04	701	50	638	
Wharf "Fig"	04	1029	50	665	N end of small wharf
Wharf "Fir"	04	940	50	487	N " " " "
Barn "Ram"	04	1434	50	510	East gable
Barn "Sow"	04	1304	50	313	South "
Flag Pole	04	1067	49	1225	On S gable of house
B.M. No 2 U.S.G.S.	04	1158	49	1099	
"Hi" U.S. Engineers Signal	04	628	49	1347	
"But" " " "	04	453	49	967	
"Windmill" "Win"	04	840	49	383	
Beacon "Be"	04	40	49	679	
"Dot" U.S. Engineers Signal "A"	03	1545	49	315	
"Run" " " "	03	1127	49	643	
Sherman Island Light	03	1491	50	389	
Echo Board N end of Winter Island	03	1217	51	448	Center
Chimney on house "Chim"	03	561	50	1434	
"Plat" U.S. Engineers Signal	03	258	50	1239	
Echo Board, New York Slough, E. End	01	1594	50	290	Center
Light, New York Slough, E. End	01	1583	50	516	
Light, " " " W. End	02	1007	53	3	Light on Echo board
Tank, "Con"	02	620	52	1173	
Tank, Western Cal. Fish Co. "Can"	02	233	52	1021	
Tank, Redwood Mfg. Co. "Dab"	01	1475	52	430	
Tank, Pioneer Rubber Mills "Rub"	01	1290	51	595	
"Fun", <i>Funnel of ship.</i>	01	1005	49	1058	
Middle Gable of Warehouse "Mit"	01	216	48	1108	
Cannery Tank	00	1725	48	490	
Cable Crossing sign, "Abe"	01	834	48	1358	
Cable " " "Bo"	01	761	48	1215	
Sign on wharf "Pile"	01	726	48	804	
Barn "Pete"	02	439	49	902	
Barn "Barn"	02	1255	49	1358	N W Gable.
"Rat", <i>hydrographic signal</i>	02	1629	50	1190	W Gable
North Transmission Tower,					
San Joaquin River	01	1250	47	18	