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5020a

U. S. COAST & GEODETIC SURVEY
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Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton *Director*

State: California.

DESCRIPTIVE REPORT

Photographic }
Hydrographic } Sheet No. 5020
5020a

LOCALITY

Junction of San Joaquin
and Sacramento Rivers

Pittsburg to Antioch

1933

CHIEF OF PARTY

O. S. Reading

U. S. GOVERNMENT PRINTING OFFICE: 1930

5020
5020a

Applied to Chart 5534 2/5/35 HEM.

T5020 Applied to Chart 5527 4/15/35 JTW

T5020a Applied to Chart 5527 4/23/35 JTW

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No.

REGISTER NO. T-5020
50202

State CALIFORNIA

General locality Junction of San Joaquin and Sacramento Rivers

Locality Pittsburg to Antioch

Date of Photographs Dec. 12, 1931
Scale 1:10,000 Date of survey April 7, 1933

Lieut. J. F. Phillips, Pilot
Vessel Army Air Corps F1A airplane, Capt. A. W. Stevens, Photographer

Chief of ~~Party~~ Compilation O. S. Reading
Photographs Plotted By J. H. Wulbern
Surveyed by J. H. Wulbern
Inked by J. H. Wulbern

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated , 192

Remarks: Compilation of aerial photographs Nos. SS 601--612, SS 771--784, and 622 to 633. Reduced to scale and printed by photolithographic process.

GPO

Polyconic projection by J. H. Wulbern, April 12, 1933
Projection verified by L. A. McGann, April 13, 1933
Control plotted by J. H. Wulbern, April 13, 1933
Control verified by L. A. McGann, April 13, 1933

Applied to Chart 5534 2/5/35 H.E.M.

DESCRIPTIVE REPORT TO ACCOMPANY PHOTO TOPOGRAPHIC SHEET NO. 5020

JUNCTION OF SAN JOAQUIN AND SACRAMENTO RIVERS, PITTSBURG TO ANTIOCH, CALIF.
See Descriptive Report T-4685 for general report of field inspection

General Information

- (a) Title sheet accompanies this report.
- (b) Square statute miles area, 22; miles of creeks and sloughs (less than 200 meters wide) 5; miles of shoreline (more than 200 meters to opposite shore) $35\frac{1}{2}$.
- (c) Descriptive report T-4685 contains the general report of the Field Inspection.
- (d) This sheet was compiled from three strips of photographs extending east and west across the sheet, being numbers SS 602 to 612, SS 613 to 633 taken at about 1:40 p. m. December 12, 1931 and SS 771 to 787 taken at about 9:50 a. m. December 12, 1931. Low tide at Antioch occurred at 11:13 a. m. December 12, 1931.

Control

- (a) Control for this sheet consists of theodolite three point fixes by L. P. Raynor, 1932, 1933; and Coast Survey triangulation 1922, 1931 and 1932.

Compilation

- (a) The radial plot method of compilation was used.

Comparison With Other Surveys

- (a) The junctions with photo topographic sheets 4685 and 5000 are satisfactory.
- (b) This sheet covers approximately the same area T-4025 (1923) and a comparison with this sheet indicates several changes in topography which would be expected, due to erosion, etc. Comparison with chart 5534 also indicates changes in topography--for instance Sherman Island is shown as fast land, while on T-5020, it is mainly marsh and flood land.

Landmarks

Lists of landmarks submitted by the field inspection are on file as chart letters.

Recommendations For Further Surveys

It is believed that this sheet is correct within five meters and that no further surveying is necessary at this time.

Approved
J. H. Wulbern

February 13, 1934.

Respectfully submitted

J. H. Wulbern
By Frank G. Erskine
J. H. Wulbern
By Frank G. Erskine.

Descriptive Report to Accompany

AIR PHOTO TOPOGRAPHIC SHEET NO. T-5020A
(To be included in report for T-5020)

Pittsburg to Antioch, Junction of San Joaquin and Sacramento Rivers,
CALIFORNIA.

This sheet contains corrections (Shown in red) to the original survey
of this area.

Sources of Information:

Sheet No. 18 (Jan. 4, 1934), Air Photo Section files; Sheet No. 56a
(July 1934) Air Photo Section files: letters No. 9 (Jan. 4, 1934) and No. 22
July 1934) Air Photo Section files: Chart letter No. 750 (1932); Chart No. 5534;
blueprint No. 25708 (Capt. Weather's Map); U.S.G.S. quadrangle "Collinsville"
(1918)

Compilations.

Sheet No. 18 called attention to the fact that the triangulation
stations Pittsburg Tank 1932, Beacon, and Antioch School Cupola, are no longer
in existence. This sheet also called for the plotting of a windmill and tank
and an echo board on ^{Winter} ~~Walters~~ Island. The windmill and tank were plotted
from the photographs. The echo board was located by the planetable revision
sheet No. 56a.

Chart letter No. 750 (1932) lists this windmill and tank as a landmark
but does not give the coordinates.

Planetable revision sheet No. 56a, gave a revision of the waterfronts
of Pittsburg and Antioch, added a line of thin tule at the northwest end of
Kimball Island, added three wrecks off Antioch Point, and two lights in New
York Slough near Pittsburg Point. It also showed an additional railroad spur
at Pittsburg, a cable crossing and moved a beacon at Pittsburg. Letter No. 22
is the descriptive report for this revision survey. *Sheet #56a applied by D.H. Benson
and checked by Frank Y. Eschme*

This planetable revision was made on an aluminum sheet on which the
compilation (T5020) had been printed. The field party found this projection
to be in error and constructed a new projection on the sheet. The projection
of this compilation was investigated both on the chart copies and the original

celluloid . The celluloid was found to be substantially correct and although some error was found in the chart copies it was not considered enough to affect charting.

Additional Names appearing on this sheet are from chart No. 5534, blueprint No. 25708, U.S.G.S. quadrangle Collinsville, and field inspection notes by L.P. Raynor in 1932.


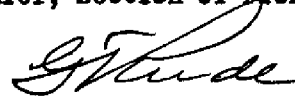
Remarks:

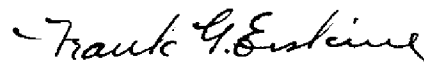


The names "Pittsburg Point" and "Antioch Point" were added to T-5020A from blueprint No. 25708 (Capt. Weather's Map). These two names do not appear on chart 5534. The chart carries the name Pittsburg Landing, about five hundred meters east of this "Pittsburg Point". This name is also shown on T-5020A. This landing is now the site of the Standard Oil Company and the railroad spur from the A.T. and S.F.R.R. running to it as shown on the chart has been abandoned. The name "Pittsburg Landing" is not shown on blueprint 25708 (Capt. Weather's Map).

The town of Mayberry on Sherman Island ^{according to the latest available information} is ~~now~~ under water due to the flooding of Sherman Island and is not carried on this survey.

Respectfully submitted.

December 8, 1934


Chief, Section of Field Work

Chief, Division of H. & T.



Chief, Section of Field Records

Chief, Division of Charts

NAME: There are no charts covering the area of this project except chart 5334 at the junction of the Sacramento and San Joaquin Rivers. The following maps files as Blueprints were furnished by the field party with corrections made from field examination to show the names in local use and have been used in making the corrections to compilations on this project.

Capt. Cather Map (1931) Rf.-25706

U.S.O.S. quadrangle-- Rf.- 25702 to 25707

(see also chart letter No. 638 (1932))

Name lists are now being prepared under Mr. Bacon's direction and will be attached at the back of the descriptive reports when completed. Any changes in names indicated by the name lists will be applied to the compilations at the next printing.

November 28, 1934.

Frank G. Eiskine

Date April 4, 1935GEOGRAPHIC NAMES
CALIFSurvey No. T-5020H-6014 & 6014a

Chart No. _____

Diagram No. 5534HMS Names underlined in red approved April 8, 1935Harlow Bacon

Approved by the Division of Geographic Names, Department of Interior. *

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

Status	Name on Survey	Name on Chart ** and/or map	New Names in local use	Names assigned by Field	Location
	<u>Van Sickle Island</u>	** U.S.G.S. Collinsville	Blueprint #25702 and *		
	<u>Spoonbill Creek</u>	** U.S.G.S. Honker Bay and*			
	<u>Point Wall</u>	Point Wall**			
	<u>Montezuma Creek **</u>	<u>Montezuma Slough</u> U.S.G.S. Collinsville, Blueprint#25702 and maps			
	<u>Spinnerr Island</u>	**Blueprint #25702 and other *			
	<u>Marshall's Cut</u>	<u>Marshall Cut</u> *			
	<u>Montezuma Island</u>	** Blueprint #25702 and*			
	<u>Chain Island</u>	** "			
	<u>Montezuma Hills</u>	"			
	<u>Fraser Shoal</u>	Chart 5534			
	<u>Collinsville</u>	** U.S. Postal Guide, July 1934 and*			
	<u>Antioch</u>	** "			
	<u>Pittsburg</u>	** "			
	<u>New York Point</u>	New York Point			
	<u>Point Emmet</u>	Point Emmet			
	<u>Pittsburg Point</u>	Blueprint #25702			
	<u>New York Slough</u>	** Blueprint # 25702 and*			
	<u>Middle Slough</u>	** "			
	--	<u>Broad Slough</u> Blueprint # 25702 and*			
	<u>Pittsburg Landing</u>	<u>San Joaquin River</u> on chart 5534 Pittsburg Landing Deleted on blueprint #25702			
	<u>Browns Island</u>	**Blueprint #25702 and*			
	<u>Winter Island</u>	** "			
	<u>Sherman Island</u>	** "			
* For list of authorities used see Dr for T-4685					

Survey No. T-5020H-6014 & 6014a

GEOGRAPHIC NAMES

Date. April 4, 1935

Chart No. _____

HMS *Names underlined in red approved April 8, 1935**Harlow Bacon*Diagram No. 5534

Approved by the Division of Geographic Names, Department of Interior. *

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

Status	Name on Survey	Name on Chart ** and/or maps	New Names in local use	Names assigned by Field	Location
	<u>Kimball Island</u>	** Blueprint #25702 and*			
	<u>Antioch Point</u>	Blueprint #25702			
*	*** <u>San Joaquin River</u>	U.S.G.B. Sixth Report			
*	*** <u>Sacramento River</u>	"			
	<u>Los Medanos R.R. Depot</u>	Official Guide of the Railways, Jan. 1934			
	<u>Los Medanos</u>	"			
	<u>Antioch Station</u>	"			
	<u>Point Beemar</u>	Point Beemar			
	<u>Point Sacramento</u>	Point Sacramento			
	<u>Point San Joaquin</u>	Point San Joaquin			
	*** <u>Suisun Bay</u>	Add to survey as indicated on proof sheet			
	<u>Diamond</u>	Chart 5534			
	<u>Cornwall</u>	"			
	<u>Hooper</u>	"			
	<u>Empire</u>	"			
	*** Authorities for placing these names and locating mouths of Sacramento and San Joaquin Rivers:				
	Coast Pilot, Pacific Coast, 1926, pp. 105-106				
	Chart 5534, ed. Jan. 1934.				
	Blueprints Nos. 16872, title.				
	27304				
	26108				
	25700				
	28111				
	*For authorities used see DR for T-4685				
	<u>Medanos</u>	Not verified			
	<u>Black Diamond</u>	"			

✓ JTW (M-136)