

U. S. COAST & GEODETIC SURVEY
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5006a SUPPLEMENTAL T

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Form 504
Ed. June, 1928

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

State: California.

DESCRIPTIVE REPORT

Air-photo
Topographic
Hydrographic } Sheet No. T-5006. 5006
5006a

LOCALITY

Sacramento River.

U.S.G.S. Pier No. 15 to Beaches

Grove Light.

1933.

CHIEF OF PARTY

M. H. Reese.

M. H. Reese

Applied to drawing of Chart 5528

Jan 16, 1935 - J.W.

Descriptive Report to Accompany
Air-Photo Topographic Sheet T-5006.

See Descriptive Report T-4685 for general report of Field Inspection

General Information:

- a. Date of Instructions- November 15, 1932.
- b. Sheet data-

Projection by	E. L. F.	April 24, 1933.
Projection checked by	M. H. R.	April 24, 1933.
Control plotted by	E. L. F.	April 25, 1933.
Control checked by	M. H. R.	April 25, 1933.
Radial line plot by	M. H. R.	Apr. 26-May 1, 1933.
Drafting of photographs by	N. R. M.	May 3-June 19, 1933.
- c. Statistics-
 1. Area of sheet: 29.9 sq. statute miles.
 2. Shoreline of rivers and sloughs less than 300 meters wide: 52.6 statute miles.
- d. Reports affecting sheets-

U. S. Army Engineer blueprints of the Sacramento River filed in the Chart Section. The blueprints were used in conjunction with the notes made on the photographs by the field inspection party. The notes made by the field party were complete.
- e. Numbers, time, and dates, of photographic flights-

SS. 120-132,	2:30 P. M.,	Dec. 14, 1931.
SS. 84- 94,	2:00 P. M.,	Dec. 14, 1931.
SS. 16- 27,	1:50 P. M.,	Dec. 14, 1931.

Control:

Sources-

1. First Order triangulation by John Bowie, 1932. Computations have been adjusted to N. A. Datum, 1927.
2. Three point fixes by L. P. Raynor, 1933.
3. Reduction of rectangular coordinates of U. S. Engineer stations to Geographical coordinates by L. P. Raynor, 1933.

26623

Compilation:

a. Method used-

The radial line plot as applied to five lens photographs was used throughout the sheet.

b. Adjustment of plot-

The detail along West Cut Canal in the western limits of this sheet is subject to question. The West Cut Canal is in the extreme limits of the wing pictures and since it is an important canal it was considered feasible to draft it in. I am certain that the azimuth is correct as sufficient control was available. I doubt very much that the error will reach or exceed 10 meters at any point.

Comparison with other surveys:

a. Junction with adjoining sheets-

Satisfactory junctions were obtained with Sheets T-5004, T-5005, and T-5007.

Landmarks:

Lists of landmarks were submitted by the field party. Additional objects located by the compilation party are submitted on form 567.


M. H. Reese,
Lieut.(j.g.) C. & G. Survey.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

T-5006

AIR-PHOTO 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. 24

REGISTER NO. T-5006.

State California

General locality Sacramento River

Locality U. S. G. S. Pier No. 15 to Beaches Grove Light

Date of Photographs Dec. 14, 1931.

Compilation

Scale 1:10,000 Date of survey June 19, 1933.

Lieut. J. F. Phillips, Pilot.

~~Vessel~~ Army Air Corps F1A airplane: Capt. A. W. Stevens, Photographer

Reviewed and recommended for approval

Chief of ~~party~~ Compilation

M.H. Reese
M. H. Reese, June 26, 1933.

Photographs plotted by

~~Surveyor~~

M.H. Reese
M. H. Reese, May 1, 1933

Inked by

N.R. McLeod

N. R. McLeod, June 19, 1933.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated November 15, 1932.

Remarks: Compilation of aerial photographs Nos. SS. 120-132, SS. 84-94,

SS. 16-27. Scale 1:10,000, printed by photolithographic process.

Polyconic projection by

E. L. Fitch

E. L. F. Apr. 24 1933.

Projection verified by

M.H. Reese
M. H. R. Apr. 24, 1933.

Control plotted by

E. L. Fitch

E. L. F. Apr. 25, 1933.

Control verified by

M.H. Reese
M. H. R. Apr. 25, 1933.

REVIEW OF PHOTO TOPOGRAPHIC SURVEY NO. 5006

Title (Par. 56) *Sacramento River, U. S. G. S. River #15 to Beaches Grove St., Cal.*
 Chief of Party *M. H. Reese* Compiled by *M. H. Reese and T. R. McLeod*
 Project *Sacramento-San Joaquin* Instructions dated *November 15, 1937*

1. ✓ The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 8; and 16, a, b, c, d, e, g and i.)
2. ✓ The character and scope of the compilation satisfy the instructions and the "Notes on the Compilation of Planimetric Line Maps from Five Lens Aerial Photographs".
3. ✓ The control and adjustment of the radial plot were adequate. (Par. 12, 29.)
4. ~~There is sufficient control on maps from other sources that were transmitted by the field party for their application to the charts. (Par. 28.)~~
5. ✓ High water line ~~on marshy and mangrove coast~~ is clear and adequate for chart compilation. (Par. 16a, 43, 44.)
6. ~~The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)~~
7. ✓ Important details shown on previous surveys and on the chart have been compared with this sheet and a statement has been entered in the report regarding the removal from the chart or change in position of important detail such as rocks, lights, beacons, prominent objects, bridges, docks, and structures along the water front. *There is no previous Coast Survey chart of this area.*
8. ~~The span, draw and clearance of bridges are shown. (Par. 16c.)~~
9. ✓ The data furnished by the Field Inspection is adequate.

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

10. ✓ The descriptive report covers all details listed in the Manual, so far as they apply to this survey. (Par. 64, 65 and 66.)
11. ✓ The descriptive report also contains all additional information required in photo topography as prescribed in the instructions and in the "Notes on the Compilation of Planimetric Line Maps from Five Lens Aerial Photographs".
12. ✓ The descriptions of recoverable stations and references to shore line were accomplished on Form 524, and scaling of positions checked. (Par. 29, 30 and 57.) *Descriptions of recoverable stations will be submitted by L.P. Rayner on form 524 during the hydrographic survey of this area.*
13. ✓ A list of landmarks for charts was furnished on Form 567 and scaling of positions checked. (Par. 16d, e, 60.) *Lists of landmarks are on file as chart letters.*
14. ✓ The geographic datum of the sheet is *N.A. 1927* and the reference station is correctly noted. (Par. 34.)
15. ✓ Junctions with contemporary surveys are adequate.
16. ✓ Geographic names are shown on the sheet and are covered by the Descriptive Report. (Par. 64, 66k.) *See "Genl. Inf. (d)"*
17. ✓ The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46.)
18. ✓ No additional surveying is recommended. *See "Compilation (b)"*

19. Remarks:

20. Examined and approved:

Chief of Party

21. Remarks after review in office:

Reviewed in office by: *Frank G. Eustine*

Feb. 21, 1934

Examined and approved:

K.T. Adams
Chief, Section of Field Records

L.O. Lobnitz
Chief, Division of Charts

J.S. Dorden

Chief, Section of Field Work

G. H. Hude

Chief, Division of
Hydrography and Topography.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.
50062

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 5006 A
50062

State.....California.....

General locality.....Sacramento River.....

Locality.....Clarksburg and Vicinity.....

Scale..... Date of survey....., 19.....

Vessel.....

Chief of Party.....

Surveyed by.....

Inked by.....

Heights in feet above.....to ground to tops of trees

Contour, Approximate contour, Form line interval.....feet

Instructions dated....., 19.....

Remarks:.....~~Corrections and additions to the original survey~~

.....For additional data see the Descriptive Report

DESCRIPTIVE REPORT TO ACCOMPANY
AIR PHOTO TOPOGRAPHIC SHEET NO. 5006 A
(to be included in report for T-5006)

5006A

Clarksburg and Vicinity, Sacramento River, California.

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

Sources of Information:

Sheet No. 63 Air Photo Section files; blue-print No. 25708.

Compilation:

Sheet No. 63 contained additional geographic names, the location of a small tule island, and miscellaneous notes.

Blue-print No. 25708 (Capt. Weather's Map) furnished a few additional names.

Remarks:

The title of this sheet was changed from "U. S. G. S. Pier No. 15 to Beaches Grove" to "Clarksburg and Vicinity".

The name of the triangulation station in the southwest corner of the sheet was changed from "Aviation Beacon 1931" to "East Dixon White Aviation Beacon 1931".

Respectfully submitted,

Frank G. Erskine

Frank G. Erskine.

November 15, 1934.

Examined and approved

K.T. Adams

Asst Chief-Chart Division

NOTE: There are no charts covering the area of this project except chart 3334 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. Leathers Map (1931) HP.-25706

U.S.G.S. Quadrangles-- HPs.- 25702 to 25707

(see also chart letter No. 698 (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 26, 1934.

Paul G. Exline

See next page - page

Descriptive Report T 5006 Supplemental
4/25/40

The designation of T 5006 A has been changed to T 5006 Supplemental this date 4/29/40 for convenience in filing

The same sheet T 5006 A has been used for the supplemental

The corrections shown on T 5006 A in red and blue are shown exactly the same on T 5006 Supplemental

Additional minor corrections have been added to the Supplemental in green this date 4/25/40 B.G.

GEOGRAPHIC NAMES

Survey No. T-5006

No H sheet

Chart No. _____

Date. Dec. 19, 1934

HMS

Names approved Dec. 19, 1934. *Hurlow Bacon* Diagram No. _____

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

Ø Not Approved by the Division of Geographic Names, Department of Interior.

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

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Holly Sugar Co. Landing</u>	OK			
	<u>West Cut</u>	Recent Weathers and other maps call this Yolo Canal. Might be looked into later.			
	<u>Tule Canal</u>	U.S.G.S. Babel Slough Quad.			
	<u>Greendale Station</u>	Official Guide of the Railways, Feb. 1934.			
	<u>Central Station</u>	OK			
	<u>Coniston Station</u>	"			
	<u>Willow Point Station</u>	"			
	<u>Winchester Lake</u>	U.S.G.S. Babel Slough Quad. and other maps			
	<u>Sacramento Northern R.R.</u>	Off. Guide as above			
	<u>Duck Slough</u>		"		
	<u>Big Lake</u>	shown on Babel Slough Quad. has it been drained or there?			
	<u>Headquarters Holland Land Co.</u>	OK Holland Land Co. area shown on maps			
	<u>Elkhorn Slough</u>	U.S.G.S. QUAD and maps			
	<u>Clarksburg</u>	U.S. Postal Guide, 1934			
	<u>Sacramento River</u>	U.S.G.B. 6th Report			
	<u>Clarksburg School</u>	OK			
	<u>SSlough</u>	No name shown on T-5006 or any of maps consulted			
	<u>Beachs Grove Red Light</u>	Light List Pacific Coast United States, 1934			
	<u>Caves Bend White Light</u>	"			
	<u>Moores Landing No. 140</u>				
	<u>Eagle Point Landing No. 138</u>				
	<u>Scribners Lower Landing</u>	No. 136½			
		see page 2			

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GEOGRAPHIC NAMES

Survey No. T-5006
No Hyd.

Date. Jan. 11, 1935

Chart No. _____

Names approved Jan. 11, 1935.

Diagram No. _____

Harlow Bacon

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

⊘ Not Approved by the Division of Geographic Names, Department of Interior.

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

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Bryans Landing No. 130</u>	<u>Sacramento Co. Bay above</u>	OK		
	<u>S. Smith Landing No. 117</u>		OK		
	<u>Landing No. 128</u>		OK		
	<u>Rosebud Landing No. 126</u>		OK		
	<u>Nathans Landing No. 115$\frac{1}{2}$</u>		OK		
	<u>Pylmans Landing No. 115</u>		OK		
	<u>Greendale Station</u>	Official Guide Railways, 1934			
	<u>Union Oil Co. Wharf</u>		OK		
	<u>Shell Oil/Wharf</u>		OK		
	<u>Goaters Landing No. 115$\frac{1}{2}$</u>		OK		
	<u>Cronin Flag Station</u>		OK		
	<u>Merritt Island</u>	U.S.G.S. Babel Slough quad and maps	OK		
	<u>Yolo Basin</u> <i>Add.</i>	"			
	<u>Adams Lumber Co. Wharf</u>		OK		
	<u>Nichols Landing No. 136</u>	Map of Sacramento Co., Calif., Butler, 1923			
	<u>Scribners Lower Landing No. 136$\frac{1}{2}$</u>	"			
	<u>Moores Landing No. 140</u>	"			
	<u>Eagle Point Landing No. 138</u>		OK		
	<u>Clarksburg Dock</u>		OK		
	<u>Buckeye Warehouse Landing No. 132</u>		OK		
	For list of authorities consulted see DR for T-4685. HMB				
	Minor names not checked.				