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

State: California

DESCRIPTIVE REPORT
Air-photo Topographic
Hydrographic

LOCALITY
Sacramento River
U.S.G.S. Pier No. 15 to Beaches
Grove Light

1935

CHIEF OF PARTY
M. H. Reese
Applied to drawing of Chart 5528

Jan 16, 1935 - J.W.
Descriptive Report to Accompany
Air-Photo Topographic Sheet T-6006.

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. 84- 94, 2:00 P. M., Dec. 14, 1931.

Control:

Sources-

1. First Order triangulation by John Bowie, 1932. Computation have been adjusted to N. A. Datum, 1927.

2. Three point fixes by L. P. Raynor, 1933.

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

Date of Compilation. June 19, 1932.

Scale. 1:10,000.


Reviewed and recommended for approval M. E. Reese, June 26, 1933.

Chief of Surveys. M. E. Reese, May 1, 1933.

Photographs plotted by M. E. Reese.

Inked by. N. R. McLeod, June 19, 1933.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval

Instructions dated November 15, 1932.

Remarks: Compilation of aerial photographs Nos. SS. 120-132, SS. 84-94, SS. 16-37. Scale 1:10,000, printed by photolithographic process.

Polyconic projection by E. L. F. Apr. 24, 1933.

Projection verified by M. H. R. Apr. 24, 1933.

Control plotted by E. L. F. Apr. 25, 1933.

Control verified by M. H. R. Apr. 25, 1933.
REVIEW OF PHOTO TOPOGRAPHIC SURVEY NO. 5006

Title (Par. 56) Sacramento River, U.S.G.S. Reel 75 to Beach 4th, Cal.

Chief of Party M. H. Reese Compiled by M. N. Kae and M. K. McLeod

Project Sacramento Instructions dated March 15, 1938

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, buoys, prominent objects, bridges, docks, and structures along the water front. This is on previous Coast Survey chart of this area.

8. The span, draw and clearance of bridges are shown. (Par. 16a.)

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 to F. P. Kegner 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.) List of landmarks are on file as abort letter.

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 "End Off." (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 J. Ludlow

Examined and approved:

__________________________
Chief, Section of Field Records

__________________________
Chief, Division of Charts

__________________________
Chief, Section of Field Work

__________________________
Chief, Division of Hydrography and Topography.
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

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.

REGISTER NO 5006 A

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

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

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

November 15, 1934.

Examined and approved

K. T. Adams
Acting Chief Chart Division
There are no charts covering the area of this project except chart 3354 at the junction of the Sacramento and San Joaquin Rivers. The following maps files on 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) Bk.-25700
- U.S.G.S. quadrangles—pf., 25700 to 25707
(see also chart letter No. 598 (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, 1936.

[signature]

[see next page]
Description Report T 5006 Supplemented
4/25/40

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

The same sheet T 5006 A has been used for the supplemented.

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

Additional minor corrections have been added to the supplemented in green this date 4/25/40. BFG.
### GEOGRAPHIC NAMES

**Date:** Dec. 19, 1934

*Names approved Dec. 19, 1934.*

**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.

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<th>Names assigned by Field</th>
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<td>Winchester Lake</td>
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<td>Light List Pacific Coast United States, 1934</td>
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<td>Caves Bend White Light</td>
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For list of authorities consulted see DR for T-4685. HMS

Minor names not checked.