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

State: California

DESCRIPTIVE REPORT

Locality
Sacramento River
Vorden to Western Pacific Railroad

Sheet No. T-5019

1933

CHIEF OF PARTY

W. H. Reese
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. 21

REGISTER NO. T-5019.

State California

General locality Sacramento River

Locality Vorden to Western Pacific Railroad

Date of photographs December 15, 1931

Date of compilation May 12, 1933

Lieut. J. F. Phillips, Pilot

Army Air Corps FIA Airplane, Capt. A. W. Stevens, Photographer

Reviewed and recommended for approval

Chief of Party Compilation M. H. Reese, June 1, 1933

Photographs plotted by

Inked by P. A. Kelly, May 12, 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. 166-180, SS 244-260, SS. 263-276. Reduced to scale and printed by photo lithographic process

Polyconic projection by E. L. Fitch, Apr. 3, 1933

Projection verified by M. H. Reese, Apr. 3, 1933

Control plotted by E. L. Fitch, Apr. 4, 1933

Control verified by M. H. Reese, Apr. 4, 1933
General Information:

a. Date of Instructions - November 15, 1932.

b. Sheet data-
   Projection by E. L. F., April 3, 1933.
   Projection checked by M. H. R., April 3, 1933.
   Control plotted by E. L. F., April 4, 1933.
   Control checked by M. H. R., April 4, 1933.
   Radial line plot by M. H. R., April 6-10, 1933.
   Drafting of photographs by P. A. K., Apr. 11-May 12, 1933.

c. Statistics-
   Area of sheet: 22.5 sq. statute miles.
   Shoreline of Rivers and Sloughs less than 300 meters wide: 38.2 statute miles.

d. Reports affecting sheet-
   U. S. Engineer blueprints of the Sacramento River filed in the Chart Section. The blueprints were used in conjunction with the notes on the photographs to correctly interpret the detail shown on the photographs. The field party’s notes were complete along the Sacramento River. The notes were followed in drawing the shoreline of the rivers and sloughs.
The area covered by this sheet consists of cultivated fields, orchards, marshes, and grass lands. The orchards are confined to the areas along the Sacramento River. In the northeast corner of the sheet the area covered is mostly grass lands, while in the southeast part the area is marshy.

e. Numbers, time, and date of flights-

   SS. 166 - 180 1:20 P. M., Dec. 15, 1931.
   SS. 244 - 260 1:30 P. M., Dec. 15, 1931.

Control:

a. Sources-
   1. First Order Triangulation by John Bowie, 1931.
      Adjusted to N. A. Datum 1927.
Compilation:

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

b. Junctions with adjoining sheets-
Satisfactory junctions were obtained with Sheets T-5002, T-5003, T-5018, and T-5019.

Landmarks:

Landmarks for the sheet 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.
**GEOGRAPHIC NAMES**

**Date:** Jan. 26, 1935.

**Survey No.:** T-5019  
**Chart No.:** H-6008

Helen M. Strong

* 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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<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Snodgrass Slough</td>
<td>---</td>
<td></td>
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<tr>
<td></td>
<td>Sacramento River</td>
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<td>Vorden</td>
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<td></td>
<td>Grand Island</td>
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<tr>
<td></td>
<td>Mokelumne River</td>
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<tr>
<td></td>
<td>Consummer River</td>
<td>Should be <strong>Consummer River</strong> Note - Change in position.</td>
<td></td>
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</table>

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Vorden to Western Pacific Railroad, Sacramento River, California.

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

Sources of Information: Sheets #12a, April 19, 1934; #32a, May 1, 1934; and #66, Air Photo Section files; letters #5 and #12 Air Photo Section files; hydrographic survey #6008.

Compilation: The hydrographic survey furnished the bridge clearances and a small shore-line correction. The boat sheet furnished the name "Consumnes River". Attention was called to the fact that five triangulation stations were omitted from the compilation. These stations were plotted. An examination of the celluloid indicated that these stations were used in the plot.

Sheet #66 consisted of additional geographic names.

Plane table revision sheets 12a and 32a were applied by D.H. Seamon and checked by Frank G. Erskine. Several signals for hydrographic control were located on these two revision surveys. Letters #5 and #12 are the corresponding descriptive reports.

Respectfully submitted,

Frank G. Erskine.

November 16, 1934.

Chief, Division of Charts

Chief, Division of H&T

Chief, Section of Field Work
NAMEs: There are no charts covering the area of this project except chart 5536 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. Weather Map (1931) NF.-25706

U.S.G.S. Quadrangles— NFs.- 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.

Frank J. Bastone

Applied to drawing of Chart 5526

Feb. 27, 1935 - JW.