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

State: California

DESCRIPTIVE REPORT
Air-photo Topographic Hydrometric
Sheet No. T-5026 (Field No. 14)

LOCALITY
Hog Slough
Western Pacific R.R. Alco to
Peltier Road

1933

CHIEF OF PARTY
M. H. Esser
Applied to drawing & Chart 5527
Jan. 11, 1935 - J.F.W.
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. 14

REGISTER NO. 5026

State: California

General locality: Hog Slough

Locality: Western Pacific R.R. Alviso to Peltier Road

Date of Photographs: Dec. 15, 1931

Date of Survey: June 8, 1933


Warren Army Air Corps F1A airplane Capt. A. W. Stevens, Photographer

Reviewed and recommended for approval: M.H. Reese June 25, 1933.

Chief of survey compilation: J. E. Hoppstein, May 13, 1933.

Photographs plotted by:

Surveying: J. A. Kelly, May 18-June 8, 1933.

Inked by: P. A. Kelly, May 18-June 8, 1933.

Heights in feet above ground to tops of trees

Contour, Approximate contour, Form line interval: feet

Instructions dated: November 15, 1933.


Polyconic projection by

Projection verified by

Control plotted by

Control verified by

K. H. R. May 5, 1933.
Descriptive Report to Accompany
Air-Photo Topographic Sheet No. T-
Field No. 14.

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. May 4, 1933.
   Projection checked by M. H. R. May 4, 1933.
   Control plotted by E. L. F. May 5, 1933.
   Control checked by M. H. R. May 5, 1933.
   Radial line plot by J. R. May 8-13, 1933.
   Drafting of photographs by P. A. K. May 18-June 8, 1933.

c. Statistics-
   Area of sheet: 13.8 square statute miles.
   Miles of shoreline: 0.0

d. Reports affecting sheet-
The information shown on this sheet is confined to
   notes made by the field inspection party. The notes
   made by the field party were complete and no diffi-
   culty was encountered in interpreting the detail
   from the photographs. The area covered by the sheet
   is mostly grasslands and marsh. There is a large
duck preserve which is shown as a marsh.

e. Numbers, time, and dates of photographic flights:
   SS. 356-362, 10:00 A.M., Dec. 15, 1931.

Control:

1. Third order traverse along Western Pacific R.R.
   by L. P. Raynor, 1932.

2. Three point fixes by L. P. Raynor. 1932. Computations
   are on N. A. Datum, 1927.

Compilation:

a. Method-
The radial line method as applied to five lens
   photographs was used throughout the sheet.
Compilation: (continued)

b. Comparison with other surveys-
Satisfactory junctions were obtained with Sheets Nos. T-5013 and T-5018. The junction with Sheet T-5011 was satisfactory except for the three ditches between Long. 121° 22.5' and 121° 24.0'. The junction of the Western Pacific R.R. is incorrect on Sheet T-5011. The correct position is shown on Sheet (field No. 14). The correction is 13 meters west of the position shown on Sheet T-5011 at the junction. The error decreases to zero at 38° 06.9'.

Landmarks:

No landmarks for charts appear on this sheet.

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

Examined in office by: Frank F. Turpin

Approved:  
C. V. Green  
Chief, Section of Field Records

L. O. Gilbert  
Chief, Division of Charts

T. B. Borden  
Chief, Section of Field Work

Chief, Division of H. & T.
There are no charts covering the area of this project except chart 5534 at the junction of the Sacramento and San Joaquin Rivers. The following maps filed 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. Feathers Map (1931)- EP.- 25708
U.S.G.S. quadrangle --- Bm.-25702 to 25707
(see also chart letter No. 596 (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 25, 1934.

[Signature]
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<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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<td>Canal Ranch Tract</td>
<td>On all maps</td>
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<tr>
<td>*</td>
<td>Brack Tract</td>
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<td>Sycamore Slough</td>
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<td></td>
<td>Hog Slough</td>
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<td>Upland Canal</td>
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For references consulted—see T-4665. HMS

(Geographic names in OK verified)