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

State: California

DESCRIPTIVE REPORT

Topographic Sheet No. 5012

LOCALITY
San Joaquin River Delta
Bishop Cut to Harte

1933

CHIEF OF PARTY
M. H. Reese
applied to drawing 17 Chart 5521
Jan 7, 1935 - JW
Descriptive Report to Accompany
Air-Photo Topo. Sheet No. 49. 5012
See Descriptive Report T-4685 for general report of Field Inspection
Authority: The Director's Instructions of November 15, 1932.

Methods:

Sheet No. 10 was compiled from five lens photographs taken by the U. S. Army Air Corps. In general the photographs are very good. A number of the pictures were taken during the day when the shadows were of considerable length and this has caused the draftsman some confusion. There is less than 50 percent of overlap in the direction of flight in about 30 or 40 percent of the pictures. With this minimum overlap it is more difficult to obtain the required accuracy than with the proper amount of overlap. The flight lines on the sheet are excellent, and this compensates somewhat for the minimum overlap. The tilt in the pictures is probably at a minimum.

The Radial Line Method as described by W. J. Chovan was used in the Compilations with amendments to fit the five lens photographs.

The Control on this sheet is one triangulation station, three three-point fixes, and a traverse along the Western Pacific Railroad. There were several stations outside the limits of the sheet which were utilized in the compilation.

The drafting on the sheet is very good and as far as can be ascertained is accurate with the plottable error on 1:10,000 scale. Very good junction was obtained with detail of adjoining sheets. The showing of culture with topographic symbols was kept to a minimum.

Statistics:

Area of sheet = 23.66 (Nautical) sq. mi. = 27.2 sq. mi. (Statute).

M. H. Reese,
Chief of Party, C. & G. Survey.

Examiner in office: Frank T. McLean (see A sheet right)
Affixed: C. R. Green
# Geographic Names

**Date:** Dec. 5, 1934  
**Survey No.:** T-5018  
**Chart No.:** H-6004  
**Diagram No.:**

*Names approved Dec. 6, 1934. H. Bacon*

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

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

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

Q Information requested.

<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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<td></td>
<td>King Island</td>
<td>Sources consulted agree</td>
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<tr>
<td></td>
<td>Ridge Tract</td>
<td>&quot; Note placing name to indicate all of tract.</td>
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<tr>
<td></td>
<td>Shima Tract</td>
<td>&quot;</td>
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<td></td>
<td>Wright Tract</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Harte</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fourteenmile Slough</td>
<td>&quot; Note application of name to entire slough</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Disappointment Slough</td>
<td>&quot; Note application of name to entire slough</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Shima</td>
<td>Add to sheet, name appears on all maps</td>
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<td></td>
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<td>Bishop Cut</td>
<td>Bishop Cut</td>
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</tr>
<tr>
<td></td>
<td>Hartland Tract</td>
<td>On maps is Atlas Tract</td>
<td>Hartland Tract</td>
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<td>Bishop Tract</td>
<td>On maps prior to 1925 name is Bishop Tract.</td>
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<tr>
<td></td>
<td>Cohn Tract</td>
<td>OK by H.B.</td>
<td>Recommend Cohn Tract.</td>
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<tr>
<td></td>
<td>Twentyonemile Slough</td>
<td>All sources agree on this name Add.</td>
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<td></td>
<td>Atlas Point</td>
<td>Not on any maps consulted</td>
<td>Atlas Point</td>
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</table>

*Name for slough west of Shima Tract between Disappointment and Fourteenmile Slough?*

*No letter.*  

Capt. Adams instructs that Hartland Tract be eliminated and that no further inquiries be made. H.B.

For list of references consulted see T-4685. H.B.
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. 10

REGISTER NO. 5012

State... California

General locality... San Joaquin River Delta.

Locality... Bishop Cut to Hartke.

Scale... 1:10,000... Date of survey... December 12... 1931.

Photographs... by U.S. Army Air Corps.

Chief of party... M.H. Reese.

Surveying... Field inspection by L.R. Bynor.

Inked by... R.A. Kempton.

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

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

Instructions dated... November 15... 1932.

Remarks: The scale factor of sheet No. 10 is 0.878 on 1:10,000 scale.

The negatives are to be enlarged to 1:10,000 scale.

One minute of latitude on celluloid equals 1809.2 meters.

One minute of latitude on 1:10,000 equals 1849.9 meters.

Projection by... R.A. Kempton... Dec. 27, 1932

Projection surface by... W.H. Baker

Control plotted by... E.L.T.

Control verified by... M.H.R.

Photographs plotted by... R.A.K.

Sheet inked by... R.A.K.

Dec. 24, 1932

Jan. 14, 1933

Feb. 15, 1933
DESCRIPTIVE REPORT

Topographic Sheet No. 5C12A

State California

LOCALITY
San Joaquin Delta
Bishop Cut to Harte

1934

CHIEF OF PARTY
L.P. Raynor
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.

Field No. ..........................................................

REGISTER NO. 5012 A 5012a

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

General locality........San Joaquin Delta....................................................

Locality........Bishop Cut to Harte.........................................................

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 Descriptive Report........................................

gro
Bishop Cut to Harte, San Joaquin Delta, California.

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

Sources of Information: Hydrographic Survey No. 6004.

Compilations: The bridge over Bishop Cut (38°-03½', 121°-25') was moved north slightly. The two wooden poles at this bridge were located by third-order triangulation and are now shown in their correct location. The clearance of the bridge but not the overhead cable was given in H-6004.

The point of the tule island at lat. 38-02, long. 121-24½ was cut off and several sheets were deleted according to H-6004.

The descriptive report for H-6004 refers to a copy of T-5012 with geographic names in red being submitted. There is no record of this sheet being received by the Air Photo Section. The Boat Sheet for H-6004 contains numerous camp numbers and also the name "Atlas Point". These names are shown on the A Sheet.

The hydrographic report mentions a poor junction with T-4690 in the slough at 38°-00', 121°-22'. The A sheet was corrected. The error here is very slight and it is believed that it will have no effect on the hydrography.

Respectfully submitted,

Frank G. Erskine

October 19, 1934.

Frank G. Erskine.
There are no charts covering the area of this project except chart 5524 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. Heathers Map (1931) --4F- -- 25708

U.S.G.S. quadrangles KPs. --25702 to 25707

(See also chart letter No. 596 (1933)

Names 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 C. Baldwin

applied to drawing chart 5527

Jan 7, 1935  JGR.
Examined and Approved:

C. F. Green
Chief, Section of Field Records

Chief, Section of Field Work

W. O. Hobbs
Chief, Division of Charts

Chief, Division of H. & T.