

5287

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1923

Acc. No. _____

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

_____, Director

State: CALIFORNIA

DESCRIPTIVE REPORT

~~Altimetric Sheet~~
~~Topographic~~
~~Hydrographic~~

5287

Sheet No.

~~124-5076~~

LOCALITY

Sacramento-San Joaquin Delta

TRACY

193 4

CHIEF OF PARTY

L. P. Raynor

5287

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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 Letter AREGISTER NO. 5287
5286State CALIFORNIAGeneral locality SACRAMENTO SAN JOAQUIN DELTALocality TRACYScale 1:10,000 Date of Photographs January 3, 1932
Date of survey Compilation Dec. 27, 1933Vessel Army Air Corps F1A airplaneChief of Party Lieut. L.P. RaynorSurveyed by Photographs plotted by S.B. Lane, Dec. 27, 1933Inked by W.J. Mignola

Heights in feet above _____ to ground to tops of trees

Contour Approximate contour Form line interval _____ feet

Instructions dated August 12, 1933 and September 21, 1933Remarks Compilation of aerial photographs Nos. 1401 - 1217, inc.Reduced to scale and printed by photo lithographic process

JOB SHEET "A"

T- ~~5026~~ 5257

DESCRIPTION OF WORK	WORK DONE BY	DATE COMPLETED
Polyconic Projection	<i>S.B. Lane</i> S.B. Lane	December 26, 1933
Projection Verified	<i>S.S. Whitehead</i> S.S. Whitehead	December 26, 1933
Control Plotted	<i>S.B. Lane</i> S.B. Lane	December 26, 1933
Control Verified	<i>S.S. Whitehead</i> S.S. Whitehead	December 26, 1933
Compiled in Pencil	<i>S.B. Lane</i> S.B. Lane	December 27, 1933
Inked	<i>W.J. Mignola</i> W.J. Mignola	January 30, 1934
Machures	<i>W.J. Mignola</i> W.J. Mignola	January 30, 1934
Proofreading	<i>T.P. Pendleton</i> T.P. Pendleton	February 2, 1934
Names Attached	Various Members of Party	February 28, 1934
Descriptive Report	<i>S.B. Lane</i> S.B. Lane	February 28, 1934

PROJECT NO. H.T. 153

DESCRIPTIVE REPORT

To Accompany

SHEET "A"

TRACY, CALIFORNIA

L. P. Raynor, Lieut., C.& G.S., Chief of Party

See report for Sheet No. T-5027 for information which applied to the entire project.

GENERAL INFORMATION

Area of sheet, 0.8 square miles.

There are no rivers or sloughs on this sheet.

This sheet includes only that portion of the Lincoln Highway between the south neat line of Sheet No. T-5040 and the south neat line of Sheet No. T-5029, and a portion of the City of Tracy.

The Lincoln Highway is concrete paved and a portion of the highway system of the State of California. It is also, in this place, U.S.No.50.

PHOTOGRAPHS

Photographs Nos. 1201 to 1217 inc. were used to compile this sheet. They were taken January 3, 1932 between 1:30 and 2:30 p.m.

CONTROL

Tracy Water Tank and Tracy Municipal Water Tank were triangulated by J. Bowie in 1931. Tracy is a U.S.G.S. station. All control has been adjusted to 1927 N.A. Datum.

The locations shown in the following table are the values used in compiling this sheet.

TABLE OF CONTROL

DESCRIPTION

Δ Tracy, Water Tank, 1931	37 - 44 - 13.992	121 - 26 - 02.109
Δ Tracy Municipal Water Tank, 1931	37 - 44 - 18.198	121 - 25 - 09.855
⊙ Tracy, U.S.G.S.* <i>Marked and recoverable but not described</i>	37 - 44 - 18.801	121 - 24 - 58.87

COMPILATION

This sheet was compiled by the radial line method. It was completed in pencil before being inked.

Information as to the trackage in the Tracy yard of the Southern Pacific was secured from the office of the Division Superintendent. Street names in Tracy were checked in the office of the County Assessor of San Joaquin County.

LANDMARKS AND RECOVERABLE OBJECTS

For list of landmarks and recoverable objects see general section of report for Sheet No. T-5027

RECOMMENDATIONS

This sheet is believed to have a probable error of less than five meters in all places.

* This station was not connected to by U.S.C. and G.S. triangulation and the only data in this office is the position given here and as plotted on the sheet.
B.G. Jones

Title (Par. 56)

Chief of Party L.P. Raynor

Compiled by *Aug 12, 1933*
Sept 2, 1933

Project 153 H. & T.

Instructions dated

- ✓ 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.) Yes
- ✓ 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". Yes
- ✓ 3. The control and adjustment of the radial plot were adequate. (Par. 12, 29.) Yes
- ✓ 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.) No maps from other sources were used.
- ✓ 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.) None of these features appear on this sheet.
- ✓ 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. No previous surveys for navigational use have been made.
8. The span, draw and clearance of bridges are shown. (Par. 16c.)
There are no bridges on this sheet
- ✓ 9. The data furnished by the Field Inspection is adequate.

Yes

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.)

Yes

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".

Yes

12. The descriptions of recoverable ~~points~~ ^{topo stations} ~~which were accomplished on Form 524, and scaling of positions checked. (Par. 29, 30 and 57.)~~ ^{There are no recoverable objects shown as topographic stations on this sheet except for U.S.G.S. Sta. Tracy.}
13. A list of landmarks for charts was furnished on Form 567 and scaling of positions checked. (Par. 16d, e, 60.) Yes. This is a duplicate of list supplied by L.P. Raynor with omitted positions scaled and a few additional marks. - See Desc. Report 75027
14. The geographic datum of the sheet is N.A. 1927 and the reference station is correctly noted. (Par. 34.)

Yes

15. Junctions with contemporary surveys are adequate.

Yes

16. Geographic names are shown on the sheet and are covered by the Descriptive Report. (Par. 64, 66k.)

Yes

17. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46.) Yes, ~~except that black celluloid ink was used throughout.~~

18. No additional surveying is recommended.

19. Remarks:

20. Examined and approved:

L.P. Raynor T.P. Peterson
Chief of Party Chief Photo Compiler

21. Remarks after review in office:

Reviewed in office by: B.G. Jones

Examined and approved:

K.T. Adams
Chief, Section of Field Records

L.C. Dolbut
Chief, Division of Charts

J.B. Borden
Chief, Section of Field Work
G.V. Rude
Chief, Division of
Hydrography and Topography.

GEOGRAPHIC NAMES

Date. Nov. 27, 1934
HMS 11

Chart No. _____

Names approved Nov. 28, 1934

Diagram No. _____

H 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.

[illegible]