

4858

U. S. COAST & GEODETIC SURVEY
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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. **I 4858**

State California

LOCALITY

Santa Barbara Channel

Santa Barbara to Goleta Pt.

1934

CHIEF OF PARTY

C.K. Green

U. S. GOVERNMENT PRINTING OFFICE: 1934

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Applied to drawing of Chart 5-202 - Mar 1936 C.M.Z.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

SEP 20 1934

Acc. No.

REG. NO. 4858

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 J

REGISTER NO.

4858

State California

General locality Santa Barbara Channel

Locality ~~North Shore--Santa Barbara to Coleta~~ ^{119-45 to} ~~119-52~~

Scale 1-10,000 Date of survey April 19 33

Vessel Shore party

Chief of Party C. K. Green

Surveyed by Harry T. Kelsh

Inked by Harry T. Kelsh

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

Contour Approximate contour Form line interval 50 feet

Instructions dated October 31, 1932, 19 33

Remarks:

Descriptive Report
to accompany
Topographic Sheet 'J'
N. Shore Santa Barbara Channel
California

INSTRUCTIONS

October 31, 1932

LIMITS AND SCALE

This sheet embraces the north shore of Santa Barbara Channel from just west of Santa Barbara to Goleta (long. 119-43 W. to 119-52 W. app).

The scale is 1-10,000

GENERAL DESCRIPTION

The general character of the country shown on this sheet is a coastline of vertical cliffs with a general elevation of 100-150 ft, with a small strip of sand beach at the base of the cliffs, and a flat mesa above the cliff line merging into low hills (elev. 600 ft) in the east portion of the sheet. As we go west these hills drop off in a gradual slope leaving the flat area only, which shades off as we go inshore to the flat valley a mile inshore, through which runs the coast highway, at this point.

This valley reaches the sea through the Goleta slough, where the cliffs at shoreline abruptly terminate, to be resumed at a lower elevation of 40-45 ft on the west side of the slough.

The country is open with only a few trees, and where flat is cultivated as open farm country. This applies to the shore area. On both sides of the Coast Highway we find orchards of lemons, oranges, and walnuts.

Hope Ranch near the east end of the sheet is being developed as a highly restricted residence district, with orchards of lemon, orange and avocado. The roads through this area are all of a permanent character, and although the houses are as yet widely scattered this district should continue to develop. County map showing all roads in this section accompanies topographic sheet.

A few oil derricks are found near the Goleta slough. This swamp area is gradually being decreased in size through diking and drainage ditches as shown.

West of the slough the shoreline turns sharply twice making a right angle at Pt. Goleta, making a shallow water lee from westerly breezes. From the county map it will be seen that a small real estate development has been planned about a mile west of the point at the west extremity of the sheet. All houses erected to date however have been shown, and the street system is completely undeveloped.

SPECIAL NOTES

This sheet is without offshore dangers of any kind. A few low water rocks are scattered along the shore, but the farthest out is at signal San (200 meters).

LANDMARKS

A few of the houses at Hope Ranch are prominent at present, but will lose any value as landmarks as more houses are erected.

At signal Car there is a concrete slab 18 meters wide running up the face of the cliff, here about 125 ft. high, with a small track and elevator car, and a small concrete platform at the base which shows well for a couple of miles offshore.

With the exception of Santa Barbara light, valuable only at night as the tower is an inconspicuous iron lattice tripod there is little of value for offshore shipping.

CONTROL

There are six triangulation stations along the shoreline of this sheet. Only one traverse of any length (3 miles) was required, between signals Tex and More 2. No adjustment.

GEOGRAPHIC NAMES

See attached sheet H.B.

The present chart 5202 shows a landing a mile east of the Coleta slough. This is gone.

There is a misprint of the creek name running east from the above slough. It is given as Alascadero. This should be Atascadero.

Coleta has moved its center westward, and the town symbol (chart 5202) should be shown at the bend in the highway where the name La Patera appears. This name should be eliminated.

OK/H.B.

CHANGES IN SHORELINE

The shoreline appears substantially unchanged. High water line at the tip of the entrance to the Coleta slough appears to be about a 100 meters farther west, at present. A slight recession of shoreline appears at Hendry's Beach, east of Hope Ranch.

CONTOURS

The original work of contouring this area was done in considerable detail, with set ups on all hill tops and many intermediate stations. The present contouring was done therefore largely as a general check on the old work, and does not attempt the detail formerly shown. No material changes from or errors in the previous work appear.

Chas. K. Meen
Chief of Party

Harry T. Kelsh
Harry T. Kelsh
Surveyor

List of Plane table positions to accompany
sheet "J"

Name	lat	D.M.	long.	D.P.	Elev.	Remarks
Tow	34-23	1670	119-43	467	154 ft.	wh. octagonal tower 25 ft hi.
Nig	34-23	1413	119-43	1047		nigger head rk 8 ft hi.
Loon	34-23	1592	119-43	1377		Lone outcrop like boulder 9 ft hi.
Six	34-24	34	119-44	359		6 ft light rk 5M out from cliff
Dis	34-24	489	119-45	87		Dist. wh. outcrop 10M out frm cliff
Nin	34-24	848	119-45	885		lg. wh. outcrop on pt. abt 9 ft. up
Chi	34-24	1030	119-45	995		wh ch. on wh. ho. red tile roof
Pet	34-24	1240	119-46	442		w.w. on rky pt.
Car	34-24	1460	119-46	718		yel & wh. car at top of inclined r.r. on conc. slab running up cliff
Tile	34-24	1579	119-46	1017		W. Cable wh. beach ho.
Way	34-24	1747	119-46	1208		Archway thru ho.
East	34-25	112	119-47	387		East of two lone trees on cliff edge
Pin	34-25	153	119-47	1402		5 ft wh. pin at base of cliff
Niz	34-25	143	119-48	173		High derrick on steel pier foundation
Kid	34-24	1830	119-48	729		Hi. derrick
Rik	34-25	113	119-49	271		Derrick
Hill	34-25	273	119-49	713		Derrick
Bay	34-24	1827	119-49	912		Derrick
Ac.	34-24	1827	119-49	1037		Derrick
Wall	34-24	1778	119-49	1432		Derrick

page 2 p-t positions sheet J

Name	lat	D.M.	long.	D.P.	Elev.	Remarks
Ed	34-24	1708	119-50	157	H.W.	edge of cliff at point
Pole	34-24	1235	119-50	700	40 ft	small flgpole
Ben	34-24	1094	119-50	695	5 ft	nail in shp small pt. on top 5ft outer end 3M in from tip
Barn	34-24	1324	119-50	1351	40 ft	S. gable lg. lone barn
Left	34-24	1817	119-50	1484		highest tip of sma. clump trees
Ban	34-25	163	119-47	932		w.w.
Bik	34-24	1098	119-51	1029		derrick
Clump	34-24	1389	119-50	1329		clump trees
Mill	34-24	998	119-51	314		windmill
Hex	34-25	1356	119-55	138		derrick
Ramp	34-24	741	119-52	959		

Santa Barbara, Calif.,
August 30, 1934.

Topographic Sheet "J", submitted herewith, has been inspected
and approved by me, together with data listed below.

List of data forwarded with Topographic Sheet "J"

Title Sheet
Descriptive Report
3 Description of recoverable topographic stations
1 print Santa Barbara County Road Map
Plane Table positions



Chas. K. Green,
Chief of Party #10.

To. Mr. Bacon.

H.B. Sept 17, 1934

From: L. S. S.

GEOGRAPHIC NAMES

Survey No. T 4858

Date. September 14, 1934

California

Chart No. 5202 & 5261

Diagram No. 5202-2

Names underlined in red are approved.
H.B.

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

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

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

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
OK/H.B.	<u>Goleta Pt.</u> (USGB)	same	---	---	34° 24.3' 119° 50.6'
OK/H.B.	<u>Goleta Slough</u>	See D.R. H 5502 ----- Goleta Slough			34° 25.5' 119° 50.5'
OK/H.B.	-----	Santa Barbara (western city limits) -----			34° 25.2' 119° 43.5'
OK/H.B.	<u>Goleta</u>	same (shift name westward on Chart 5202) OK/H.B.			34° 26.15' 119° 49.6'
OK/H.B.	<u>Atascadero Creek</u> See Top. 1260	Atascadero Creek Error in interpretation		Atascadero C	34° 25.4' 119° 49.4'
OK/H.B.	<u>San Roque Creek</u>	San Roque Creek Chart 5261 5202		mouth	34° 24.2' 119° 44.5'
OK/H.B.	<u>Lake</u>	<u>Laguna Blanca</u> Chart 5261			34° 25.9' 119° 45.6'
OK/H.B.	<u>Hendry's Beach</u> ^{omit}	none	New name Hendry's Beach		34° 24.2' 119° 44.5'
Inquire	<u>Hope Ranch</u> ^{GNS}	none	New Name		34° 24.7' 119° 45.6'
Inquire	<u>Mescalitan Island</u> ^{GNS}	Mescal I. U.S.G.S. Goldra I. T. 1260 in pencil	New Name?		34° 25.3' 119° 50'
OK/H.B.	<u>Santa Barbara Channel</u>	same			

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4858 (1933) - FIELD LETTER J

Santa Barbara to Goleta Pt., Santa Barbara Channel, California

Surveyed April, 1933

Instructions dated October 31, 1932 (C. K. Green)

Plane Table Survey

Cloth Mounted

Chief of Party - C. K. Green.

Surveyed and Inked by - H. T. Kelsh.

1. Condition of Records.

The records conform to the requirements of the Topographic Manual with the following exceptions:

- a. Landmarks for Charts, although described in the Descriptive Report, were not submitted on Form 567.
- b. Notes regarding the amount rocks bare were referred to L. W. They were changed to M. L. L. W. by authority of Chief of Party.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junction with Contemporary Surveys.

Satisfactory junction was made with T-4848 (1933) on the east and with T-4859 (1933) on the west.

4. Comparison with Prior Surveys.

a. T-470 (1854).

This survey is in good agreement with the present survey except that a rock awash in lat. $34^{\circ}23.7'$, long. $119^{\circ}43.6'$ was not verified on the present survey. This rock is carried forward in red to the present survey.

b. T-1230 (1870).

This survey is in good agreement with the present survey, both in delineation of shoreline and in geographic locations. A slight point in long. $119^{\circ}44.1'$ appears to have washed away. Also there has been some change in Goleta Slough due to filling in and ditching. There are now shown many rocks which had not been previously located probably because no special effort was made to locate rocks on the old survey.

Atascadero Creek is spelled the same way on this survey as on the present. The "t" is not crossed plainly and evidently had been interpreted as an "l" to make Alascadero as shown on present charts.

c. T-1267 (1871).

The shoreline of this survey is in very good agreement with the present survey. The change in the size of Coleta Slough is due to ditching (see D. R. page 2).

5. Field Drafting.

The field inking is satisfactory.

6. Additional Field Work Recommended.

No additional field work is required.

7. Superseding Old Surveys.

Insofar as the topography actually included on the present survey is concerned, it supersedes the following surveys for charting purposes:

T- 470 (1854) in part.
T-1230 (1870) " "
T-1267 (1871) " "

8. Reviewed by - A. F. Jankowski, January, 1935.

Examined and approved:

C. K. Green, *C. K. Green*
Chief, Section of Field Records.

L. O. Robert
Chief, Division of Charts.

F. S. Borden
Chief, Section of Field Work.

E. H. de
Chief, Division of H. & T.