DESCRIPTIVE REPORT
Topographic Sheet No. 1 4858

State California

LOCALITY
Santa Barbara Channel
Santa Barbara to Goleta Pt.

1934

CHIEF OF PARTY
C.K. Green
Applied to drawing of Chart 1-22 - Nov 1936  C.M.Z.
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 Goleta 7.19 to 7.22

Scale 1-10,000 Date of survey April 1933

Vessel Shore party

Chief of Party C.E. Green

Surveyed by Harry T. Kelsh

Inked by Harry T. Kelsh

Heights in feet above mean tide line to ground to tops of trees

Contour Approximate contour Form line interval 50 feet

Instructions dated October 31, 1933

Remarks:
Descriptive Report

to accompany
Topographic Sheet 'U'
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 here 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 coastline 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.

SPECIFIC 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 Dan (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 Cex and Morse 2. No adjustment.

GEOMETRIC NOTES

See attached sheet H.B.

The present chart 5202 shows a landing a mile east of the Goleta Slough. This is gone.

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

Goleta has moved its center westward, and the town symbol (chart 5202) should be shown at the bend in the highway where the name Le Patero appears. This name should be eliminated. OK/48

CHANGES IN SHORELINE

The shoreline appears substantially unchanged. High water line at the tip of the entrance to the Goleta Slough appears to be about 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 cut ups on all hill tops and many intermediate stations. The present contouring was done therefor 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.

Chief of Party

Surveyor
<table>
<thead>
<tr>
<th>Name</th>
<th>lat.</th>
<th>D.M.</th>
<th>lon.</th>
<th>D.F.</th>
<th>Elev.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Tow</td>
<td>34-23</td>
<td>1670</td>
<td>119-43</td>
<td>467</td>
<td>154 ft. wh. octagonal tower 25 ft hi.</td>
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<tr>
<td>Nig</td>
<td>34-23</td>
<td>1413</td>
<td>119-43</td>
<td>1047</td>
<td></td>
<td>niger head rk 9 ft hi.</td>
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<tr>
<td>Loon</td>
<td>34-23</td>
<td>1592</td>
<td>119-43</td>
<td>1377</td>
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<td>Lone outcrop like boulder 9 ft hi.</td>
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<tr>
<td>Six</td>
<td>34-24</td>
<td>34</td>
<td>119-44</td>
<td>359</td>
<td></td>
<td>6 ft light rk SH out from cliff</td>
</tr>
<tr>
<td>Dis</td>
<td>34-24</td>
<td>489</td>
<td>119-45</td>
<td>87</td>
<td></td>
<td>Dist. wh. outcrop 100 ft out from cliff</td>
</tr>
<tr>
<td>Min</td>
<td>34-24</td>
<td>848</td>
<td>119-45</td>
<td>885</td>
<td></td>
<td>lg. wh. outcrop on pt. abt 9 ft. up</td>
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<tr>
<td>Chi</td>
<td>34-24</td>
<td>1030</td>
<td>119-45</td>
<td>995</td>
<td>wh ch. on wh. ho. red tile roof</td>
<td></td>
</tr>
<tr>
<td>Pet</td>
<td>34-24</td>
<td>1240</td>
<td>119-46</td>
<td>442</td>
<td></td>
<td>w.w. on rky pt.</td>
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<tr>
<td>Car</td>
<td>34-24</td>
<td>1460</td>
<td>119-46</td>
<td>213</td>
<td></td>
<td>yel &amp; wh. car at top of inclined r.r. on conc. slab running up cliff</td>
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<tr>
<td>Tile</td>
<td>34-24</td>
<td>1579</td>
<td>119-46</td>
<td>1017</td>
<td>'s Cable wh. beach ho.</td>
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<tr>
<td>Way</td>
<td>34-24</td>
<td>1747</td>
<td>119-46</td>
<td>1208</td>
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<td>Archway thru ho.</td>
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<tr>
<td>East</td>
<td>34-25</td>
<td>112</td>
<td>119-47</td>
<td>387</td>
<td></td>
<td>East of two lone trees on cliff edge</td>
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<tr>
<td>Pin</td>
<td>34-25</td>
<td>153</td>
<td>119-47</td>
<td>1402</td>
<td></td>
<td>5 ft wh. pin at base of cliff</td>
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<tr>
<td>Liz</td>
<td>34-25</td>
<td>143</td>
<td>119-48</td>
<td>173</td>
<td></td>
<td>High derrick on steel pier foundation</td>
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<tr>
<td>Kid</td>
<td>34-24</td>
<td>1820</td>
<td>119-48</td>
<td>729</td>
<td>Hi. derick</td>
<td></td>
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<td>Rik</td>
<td>34-25</td>
<td>113</td>
<td>119-49</td>
<td>271</td>
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<td>Derrick</td>
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<tr>
<td>Hill</td>
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<td>273</td>
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<td>713</td>
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<td>Derrick</td>
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<tr>
<td>Bay</td>
<td>34-24</td>
<td>1827</td>
<td>119-49</td>
<td>912</td>
<td></td>
<td>Derrick</td>
</tr>
<tr>
<td>Ac.</td>
<td>34-24</td>
<td>1827</td>
<td>119-49</td>
<td>1036</td>
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<tr>
<td>Wall</td>
<td>34-24</td>
<td>1778</td>
<td>119-49</td>
<td>1432</td>
<td>Derrick</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>lat</td>
<td>D.H.</td>
<td>long.</td>
<td>D.P.</td>
<td>Elev.</td>
<td>Remarks</td>
</tr>
<tr>
<td>------</td>
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<tr>
<td>Ed</td>
<td>34-24</td>
<td>1708</td>
<td>119-50</td>
<td>157</td>
<td>H.W.</td>
<td>edge of cliff at point</td>
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<tr>
<td>Pole</td>
<td>34-24</td>
<td>1235</td>
<td>119-50</td>
<td>700</td>
<td>40 ft</td>
<td>small flag pole</td>
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<tr>
<td>Ben</td>
<td>34-24</td>
<td>1094</td>
<td>119-50</td>
<td>695</td>
<td>5 ft</td>
<td>nail in shp small pt. on top 6 ft outer and 3 ft in from tip</td>
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<tr>
<td>Barn</td>
<td>34-24</td>
<td>1324</td>
<td>119-50</td>
<td>1351</td>
<td>40 ft</td>
<td>S. gable lg. lg. barn</td>
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<tr>
<td>Left</td>
<td>34-24</td>
<td>1817</td>
<td>119-50</td>
<td>1484</td>
<td></td>
<td>highest tip of sma. clump trees</td>
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<tr>
<td>Ban</td>
<td>34-25</td>
<td>163</td>
<td>119-47</td>
<td>932</td>
<td>w.w.</td>
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<tr>
<td>Bik</td>
<td>34-24</td>
<td>1098</td>
<td>119-51</td>
<td>1029</td>
<td>derrick</td>
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<tr>
<td>Clump</td>
<td>34-24</td>
<td>1389</td>
<td>119-50</td>
<td>1329</td>
<td>clump trees</td>
<td></td>
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<tr>
<td>Mill</td>
<td>34-24</td>
<td>998</td>
<td>119-51</td>
<td>314</td>
<td>windmill</td>
<td></td>
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<tr>
<td>Nex</td>
<td>34-25</td>
<td>1355</td>
<td>119-55</td>
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<td>Ramp</td>
<td>34-24</td>
<td>741</td>
<td>119-52</td>
<td>359</td>
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</table>
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.  
From: L. S. S.  
Date: September 14, 1934  

**GEOGRAPHIC NAMES**  
California  
*Names underlined in red are approved.*

*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.

<table>
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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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<tr>
<td>✓/✓/✓</td>
<td>Goleta Pt. (USGS)</td>
<td>same</td>
<td>See D.R. H 5502</td>
<td>Goleta Slough</td>
<td>34°24.5' 119°50.6'</td>
</tr>
<tr>
<td>✓/✓/✓</td>
<td>Goleta Slough</td>
<td>------</td>
<td>Goleta Slough</td>
<td>34°26.5' 119°50.5'</td>
<td></td>
</tr>
<tr>
<td>✓/✓/✓</td>
<td>Santa Barbara (western city limits)</td>
<td>------</td>
<td>34°25.6' 119°43.5'</td>
<td></td>
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<tr>
<td>✓/✓/✓</td>
<td>Goleta</td>
<td>same (shift name westward on Chart 5202)</td>
<td>34°26.15' 119°49.6'</td>
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<td>✓/✓/✓</td>
<td>Atascadero Creek</td>
<td>Atascadero Creek</td>
<td>34°25.4' 119°49.4'</td>
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<tr>
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<td>San Roque Creek</td>
<td>San Roque Creek</td>
<td>34°25.2' 119°44.5'</td>
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<tr>
<td>✓/✓/✓</td>
<td>Lake</td>
<td>Laguna Blanca</td>
<td>34°25.9 119°48.6'</td>
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<tr>
<td>✓/✓/✓</td>
<td>Hendry's Beach</td>
<td>none</td>
<td>New Name Hendry's Beach</td>
<td>34°26.2 119°44.5'</td>
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<tr>
<td>✓/✓/✓</td>
<td>Hope Ranch</td>
<td>none</td>
<td>New Name</td>
<td>34°26.7 119°45.6'</td>
<td></td>
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<tr>
<td>✓/✓/✓</td>
<td>Mescal Island</td>
<td>Mescal I. USGS. Goldra T. 1260 in pencil</td>
<td>New Name?</td>
<td>34°26.3 119°56'</td>
<td></td>
</tr>
<tr>
<td>✓/✓/✓</td>
<td>Santa Barbara Channel</td>
<td>same</td>
<td></td>
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</table>
Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4258 (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. Kalkh.


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

a. Landmarks for Charts, although described in the Descriptive Re-
port, were not submitted on Form 567.

b. Notes regarding the amount rocks bare were referred to L. W.
They were changed to M. L. to 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.


a. T-470 (1864).

This survey is in good agreement with the present survey except
that a rock awash in lat. 34°23.7', long. 119°43.6' was not ver-
ified on the present survey. This rock is carried forward in
red to the present survey.

b. T-1250 (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°44.1' appears to have washed away. Also there
has been some change in Goleta Slough due to filling in and ditch-
ing. 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 Goleta 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) * *


Examined and approved:

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

L. O. Donald, Chief, Division of Charts.

J. L. Bond, Chief, Section of Field Work.

Chief, Division of R. & T.