

4881

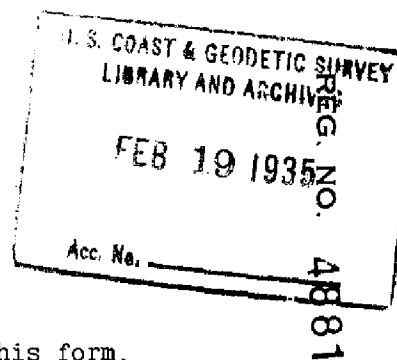
4881

Form 504 Rev. Dec. 1933 DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. <u>M</u>
State <u>California</u>	
LOCALITY	
<u>Santa Barbara Channel</u>	
<u>Arroyo Quemado to Port of San Luis Obispo</u> <i>Agua Caliente Pt.</i>	
1933	
CHIEF OF PARTY	
<u>C.K. Green</u>	

Applied to drawing of Chart 5202 - Mar 1936 R.M.J.

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 Letter M

REGISTER NO. **4881**

State California

General locality Santa Barbara Channel, North Side

Locality Arroyo Quemado to Port of Santa Barbara
General vicinity Santa Barbara, California

Scale 1:10,000 Date of survey August, 1933

Vessel shore party

Chief of Party Chas. K. Green

Surveyed by Harry T. Kelsh

Inked by H.T.K. and M.C.S.

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

Contour V Approximate contour Form line interval 50 feet

Instructions dated October 31, 1932

Remarks: _____

F 4881

Turning of Mounds over

This sheet to be deposited

with letter of inquiry is

Approved

2

HB

Descriptive Report
to accompany
Topographic Sheet M
N. side Santa Barbara Chan.
California

Instructions

October 31, 1932

Limits and scale

This sheet embraces a strip of shoreline on the north side of Santa Barbara Channel, in the general vicinity of Gaviota, from a point 6 miles east of Gaviota Pass to 2 miles west of it. (long 120-07 to 120-15 W.)

The scale is 1-10,000

General Description

The shoreline shown on this sheet is a nearly straight stretch, with no bights, running in an east-west direction; and consisting of a series of cliffs 70 to 100 ft in height; broken by occasional canyons. There is a narrow strip of low water beach, but at high water the tide reaches the base of the cliffs.

Hills rise directly from the coast, crowding the Southern Pacific R.R. and the Coast Highway close to the cliff edge. Long narrow valleys normal to the coastline indent the hills.

At Gaviota Pass the highway swings away from the Coast. West of this along the Coast is only the private dirt road leading to the Hollister Ranch.

Special Notes

Alcatraz?

At Gaviota the Associated Oil Co. has a substantial wooden pier extending out 350 meters offshore. This is the only offshore development.

There are no offshore rocks, other than as shown just outside low water line.

Control

There are 5 triangulation signals on or near the shoreline, and short traverses were run. No adjustment necessary.

Changes in shoreline

No material changes. Near the east end of the sheet a railway fill and wall has extended the shoreline about 25 meters.

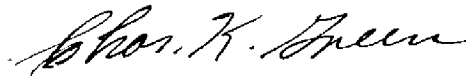
Contours

The contour work on the former topography was done with such detail, that the efforts of this party were confined to securing a more detailed shoreline survey, and contours shown are merely general checks on the former work.

Harry T. Kelsh
Harry T. Kelsh, Surveyor

APPROVAL OF CHIEF OF PARTY.

Topographic sheets lettered "L" to "O" have been inspected and approved by me, as have the descriptive reports.

A handwritten signature in cursive script, reading "Chas. K. Green".

Chas. K. Green
Chief of Party

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4881 (1933)

Arroyo Quemado to Canada del Agua Caliente,
Santa Barbara Channel, California
Surveyed August 1933

Instructions dated: October 31, 1932 (GREEN)

Plane Table Survey - Cloth Mounted

Chief of Party - C. K. Green.

Surveyed by - H. T. Kelsh.

1. Condition of Records.

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

- a. Names of triangulation and topographic stations and notes regarding land features are shown with slanting lettering. The accepted method is to show such notes in vertical letters.
- b. No Descriptions of Recoverable Topographic stations, Form 524, were furnished, probably because there are numerous triangulation stations in this area.

2. Compliance with Instructions for the Project.

The survey complies with the instructions for the project.

3. Junctions with Contemporary Surveys.

Satisfactory junction was made with T-4880 (1933) on the east and with T-4882 (1933) on the west.

4. Comparison with Prior Surveys.

a. T-1338 (1873) and T-1339 (1873).

These surveys are in good agreement with the present survey except that the high water line appears to have been moved back a slight distance in a few places due to erosion. However in all cases this shift is not more than 10 or 15 meters, indicating that this section of the coast is subject to very little change. The few rocks which are now shown just outside the low water line, were not located on these surveys.

A general comparison between the former and the present contours shows a satisfactory agreement.

5. Field Drafting.

The field inking of the survey is good.

6. Additional Field Work Recommended.

The survey is complete and 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-1338 (1873) in part.

T-1339 (1873) in part.

8. Reviewed by A. F. Jankowski, April 1935.

Examined and approved:

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

G. B. Borden
Chief, Section of Field Work.

L. O. Polbit
Chief, Div. of Charts.

G. H. Rade
Chief, Div. of H. & T.

Survey No. T-4881

GEOGRAPHIC NAMES

Date. March 7, 1935

Chart No. 52020

California

Diagram, No. 5202-2

Names underlined in red approved Mar 25, 1935 Diagram No. 5202-2
 Approved by the Division of Geographic Names, Department of Interior. *

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

Under investigation. Q

[illegible]