Applied to drawing of Chart 5102 - May 1936 C.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 \( \text{N} \)

REGISTER NO. 4882

State California

General locality N Shore Santa Barbara Channel

Locality Canada Del Agua Caliente to Canada Del Gato

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 Approximate contour interval 50 feet

Instructions dated October 31, 1932

Remarks:
Descriptive Report
to accompany
Topographic Sheet N
N. Shore Santa Barbara Chan.
California

Instructions

October 31, 1932

Limits and scale

This sheet embraces a strip of the north shore
of Santa Barbara Channel from long. 120-15 W to 120-23 W.

The scale is 1-10,000

General Description

The shoreline shown on this sheet extends in a
general east-west direction with no bays, or bights of any
size. The shoreline itself consists of a line of cliffs 50-100
ft. in elevation, with a narrow strip of sand at the base
making what is largely a half tide beach of flat sand.

Occasional canyons break the cliff line. From the
east end of the sheet to 120-20 W the foothills rise directly
from the coast to elevations of 600 ft. with a series of
long valleys or canyons normal to the shoreline. The hills
are mostly bare of trees.

There are no towns or settlements. The whole strip
is one ranch, the Hollister Ranch, and is served by a private
dirt road, winding around the hillsides behind the Southern
Pacific R.R. which runs along the shore for the entire length
of the sheet, on the top of the cliffs.

The road is accurately located as far as the
Ranch House (120-20-30 W) and with reasonable accuracy to the
west limit of the sheet at Cato siding. Beyond this (on sheet
0) it is practically worthless.

There is one oil derrick standing on the cliff
(long 120-18-40) where drilling is being done at this time;
and if successful results are obtained some additional develop-
ment of this area will result.

Towards the west end of the sheet the hills swing
back about a mile from the shoreline, and there is a stretch of
rolling terrain ranging in elevation from 50 to 150 ft; difficult
to contour with out a detailed survey.

Special Notes

The shoreline is clear of offshore dangers except for an
occasional boulder within 40 meters of the low water line, as shown.

Landmarks

Signal AI is an aluminum colored tank on the hillside
(about one third way up) at the Hollister Ranch, elevation 294 ft.
The group of silos at the ranch, and just a bit below the tank, are
also conspicuous. The two railroad tracks near the east end of
the sheet show well for a mile or so offshore.
Control

8 triangulation signals on the sheet, with 4 of them on the shoreline gave perfect control. Short traverses were run, and no adjustment was necessary.

Geographic Names

The country is undeveloped and no new names appear. The Hollister Ranch includes the whole area shown, with the main buildings located about long, 120-20-30 W. as shown.

Changes in shoreline

The shoreline remains unchanged from the previous survey.

Contours

Where possible in connection with running the road on the east half of the sheet numerous check elevations were taken. On the west portion of the sheet however the work was confined to securing elevations of the peaks, and checking the general shape of the country with the old bromide sheets, which were carried along in the field.

[Signature]
Harry T. Kolah, Surveyor
APPROVAL OF CHIEF OF PARTY

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

Chas. K. Green
Chief of Party
Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4882 (1933)

Canada del Agua Caliente to Canada del Gato.
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.


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

a. No Descriptions of Recoverable Topographic stations, Form 524 were furnished.

b. Names of topographic and triangulation stations and notes regarding land features are shown with slanting letters. The accepted manner is to use vertical letters for everything which does not cover at high water.

2. Compliance with Instructions for the Project.

The survey complies with the instructions for the project in every respect.

3. Junctions with Contemporary Surveys.

Satisfactory junctions were made with T-4881 (1933), on the east and with T-4883 (1933) on the west.


A comparison of this survey with the present survey shows good agreement throughout the whole area. The shoreline is now substantially the same as in 1873. A general comparison of contours showed no disagreement between the two surveys. The rocks which are shown on the present survey just outside the low water line were not located on the former survey.

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-1339 (1873)


Examined and approved:

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

Chief, Div. of Charts

F. Borden
Chief, Section of Field Work

Chief, Div. of H & T
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Comparisons made with T1338 and T1339 and USGS topo quad.