DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: California

DESCRIPTIVE REPORT
Topographic Sheet No. T - S

LOCALITY
Santa Barbara Channel
Santa Cruz Island
(South Side)

1929

CHIEF OF PARTY
Chas. K. Green
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: T. S.

REGISTER NO. 4909

State: California

General locality: Santa Cruz Island, Santa Barbara Channel

Locality: South Side, Santa Cruz Island (South Side)

Scale: 1:20,000

Date of survey: May 1 - July 1, 1934

Vessel: Shore Party, Virginia 1

Chief of Party: C.K. Green

Surveyed by: R.S. Thompson

Inked by: N.C. Skanse

Heights in feet above HW to ground to tops of trees

Contour Approximate contour Form line interval 50 feet

Instructions dated: Oct. 31, 1932 and Sept. 9, 1933

Remarks:
Instructions

October 31, 1932 and September 9, 1933

Limits and scale

This sheet embraces a strip of the shoreline on the south side of Santa Cruz Island from long 119-39 to long 119-53.

The scale is 1:20,000.

General Description

The shoreline shown on this sheet extends in a general east-west direction with small beaches and bights at the mouths of the several larger canyons on the eastern half of the sheet. On the western half of the sheet the shoreline extends more in a northwest-southeast direction in broad, sweeping curved sandy beaches. Here low bluffs of 20 to 100 ft. in height, composed of hardpan and badly eroded are washed by the sea at extreme high water during storms. The shoreline on the eastern half of the sheet, east of long 119-48, is marked by the foot of the sheer bluffs of conglomerate, 50 to 400 ft. in height.

In the back country and east of long 119-45 there are trees and vegetation, west of long 119-45 the shoreline here is not in the lee of the strong northwest winds that blow almost continually the year round, and very little vegetation is found except cactus. During the summer months all the canyons are dry.

There are no towns or settlements. The whole country is given over to sheep grazing. There are no roads, nor is there any telephone communication.

Special Notes

The shoreline is clear of offshore dangers except for Gull Island which is now marked by a Lighthouse, the reef extending southeastward from Horse Point and an occasional offshore rock none more than 200 meters offshore, from the low water line.

Landmarks

Light

Gull Island Light, elevation 62 ft. and the middle hump of Sierra Blanca, the highest peak on the south side of the island elevation 1514 ft. are the only conspicuous features worth mentioning.
Descriptive Report
to accompany
Topographic Sheet S
South Side Santa Cruz
Island
(2)

Control

20 triangulation signals on this sheet, with 12 on or near the shore gave ample control and no long traverses were necessary.

Geographical Names

The country is undeveloped and few new names appear. Alamos Anchorage as shown on Chart 5202 is now known as the Willows. The point of land directly in from Gull Island and the anchorage to the east of it are now known as Punta Arena and Valva Real respectively. The anchorage directly east of Morse Point is now known as Johnston Lee. The small bight about a half mile west of Valley Anchorage is now known as the Bluebanks. The small bight one and one half miles east of Gull Island is now known as Laguna Harbor. The highest peak on the southwest portion, a mile inland from Punta Arena is now known as Sierra Blanca. Preference should be given all local names.

Changes in shoreline

The shoreline remains unchanged from the previous survey.

Contours

Wherever possible contours were cut in from the beach to check those as shown on the old bromides which were carried along in the field.

Richard S. Thompson
Richard S. Thompson, Surveyor.

Approved by forwarded

[Signature]
[Chief Party]
The following notes were taken from pencil notes on the Topographic Sheet No. 4904 (1934):

<table>
<thead>
<tr>
<th>Location</th>
<th>Note</th>
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<tr>
<td>Valley Anchorage</td>
<td>Fair N. W. Anchorage</td>
</tr>
<tr>
<td>Albert Anchorage</td>
<td>N. W. Anchorage</td>
</tr>
<tr>
<td>Station Shack Johnston Lee.</td>
<td>Fresh water. Skiff landing.</td>
</tr>
<tr>
<td>Canada Posa.</td>
<td>Fresh water. No boat landing.</td>
</tr>
</tbody>
</table>

A.F.J. - 7-5-35
APPROVAL OF CHIEF OF PARTY

Topographic sheet "T-3" has been inspected and approved by me. The field work was done under my occasional supervision; the inking under my direct supervision.

Respectfully submitted:

[Signature]

Robert W. Knox
Chief of Party.
GEOGRAPHIC NAMES

Date: March 26, 1935

California

Survey No. T-4909
Chart No. 5202
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 Names underlined in red approved Mar. 30, 1935

Harlow Bacon

<table>
<thead>
<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>
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<td>Blue Banks Anch.</td>
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<td>Coche or Pristes</td>
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<tr>
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<td>Laguna Harbor</td>
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<tr>
<td>✔</td>
<td>Malva Real</td>
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<td>✔</td>
<td>Punta Arena</td>
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<td>Pacific Ocean</td>
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Note the abbreviation for Island is (I.) not (Id.).
Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4909 (1934) - FIELD LETTER T - S

Santa Cruz Island (south side), Santa Barbara Channel, California
Surveyed May - July, 1934
Instructions dated Oct. 31, 1932 - Sept. 9, 1933 (C. K. Green)

Plane Table Survey

Cloth Mounted

Chief of Party - C. K. Green, R. W. Knox.
Surveyed by - R. S. Thompson.
Inked by - N. C. Skansen.


The Descriptive Report is clear and comprehensive and satisfactorily covers most matters of importance. However it failed to include several notes regarding anchorages, boat landings, etc., which were typed and added to the report before cleaning the sheet.

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

a. An isolated rock ledge on the insert was shown with rock awash symbols to denote tips which were enclosed by the reef symbol. This gave the appearance of an island with pine tree symbols. The rock awash symbols were changed to dotes to avoid erroneous interpretation.

b. The following are rocks which were changed in the office to conform with the hydrographic information:

(1) Rock awash at MHW in lat. 33°59.13', long. 119°52.61' was changed to rock awash at extreme H. W. (See pos. 43V Sdg. Records H-5699).

(2) Rock bare 6 ft. at MLW in lat. 33°57.75', long. 119°50.60' was changed to rock bare 3 ft. at M. H. W. (See pos. 6X, Sdg. Records H-5699).

(3) Rock reef bare 6 ft. at MLW in lat. 33°58.50', long. 119°40.95' was changed to a rock awash enclosed in dots with the note "Bares 4' MLW." (See pos. 98W, Sdg. Records H-5699).

2. Compliance with Instructions for the Project.

The survey complies with the instructions.
3. **Junction with Contemporary Surveys.**

Satisfactory junction was made with T-4906 (1934) on the west. The junction with T-4986 (1934) on the east is cut about 5 meters.

4. **Comparison with Prior Surveys.**

   a. **T-1003 (1860).**

   This survey (scale 1:10,000) is in good general agreement with the present survey except in the small coves where the shoreline is filling in. The greatest change occurred in Laguna Harbor, long. 119°47.7', where the high water line is now about 100 meters farther out. Differences in rock delineation are minor and the survey is considered correct with the exception that a sunken rock in lat. 33°58.25', long. 119°51.25' is carried forward on the present survey in green.

   b. **T-1436 (1874-75).**

   About one mile of shoreline is common to this survey and the present survey. A comparison shows only minor differences in the delineation of the shoreline and rocks. A rough comparison of contours shows no radical differences.

   c. **T-1437 (1875).**

   This survey is in fair agreement with the present survey. Occasional small differences in point locations are probably due to less adequate control for the old survey. The small coves which occur in the area appear to be filling up from erosion in the canyons. The shoreline at the heads of these coves is now from 50 to 80 meters farther out. All rocks formerly shown are verified on the present survey. Only a general comparison of contours was made and differences are as represented in the Descriptive Report.

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-1436 (1874-75) " 
T-1437 (1875) " 


Examined and approved:

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

L. C. Albert, Chief, Division of Charts.

J. Borden, Chief, Section of Field Work.

Chief, Division of H. & T.

appared to chart 11/15 1/1936 Aug.
appared to chart 17/14 3/1936 Aug.

5/10 Jan 1936 L. M. F.
5/10 May 1936 L. M. F.