DESCRIPTIVE REPORT 4906

State       California

LOCALITY
Santa Cruz Island

West End
(Northwestern Part)

1935

CHIEF OF PARTY
Chas. K. Green
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.R.Q.

REGISTER NO. 4906

State: California

General locality: Santa Cruz Island

Locality: Headquarters (Northwestern Part)

Scale: 1:20,000  Date of survey: Mar. - June, 1934

Vessel: Ora B. (chartered)

Chief of Party: C.K. Green

Surveyed by: R.S. Thompson

Inked by: N.C. Skansen

Heights in feet above MSL to ground to tops of trees

Contour: Approximate contour  Form line interval 50 feet

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

Remarks:
Descriptive Report
to accompany
Topographic Sheet Q
West and Santa Cruz Id.
California

Instructions

October 31, 1932 and September 9, 1934

Limits and Scale

This sheet embraces a strip of the shoreline of the north side of the island from long. 119° 43' to the west end of the island. Also this sheet covers the shoreline of the south side of the island from the west end to lat. 33° 59' and long. 119° 53'. The scale is 1:20,000.

General Description,

The shoreline on this sheet extends in an east-west direction and consists generally of bluffs 40 to 500 ft. in elevation from the eastern limits on the north side to Fraser Point on the west end. Except at the mouths of the larger canyons making down to the shore there are no beaches or bluffs. From Fraser Point to the eastern limits on the south side of the island broken bluff lines 40 to 300 ft. in height form the shoreline except for the long sandy beach at the mouth of the Canada Carveda. From the vicinity of Twin Harbor west to Cueva Vida the island is generally wooded with live oaks. Water runs in all of the larger canyons. These canyons make down from the long main ridge running the length of the island, the highest of which is shown on this sheet, Devil's Peak, elevation 2434 ft.

There are no towns or settlements. A rock quarry located at Fry's Harbor with spur tracks leading to the shore, is now not in operation. There are however, several summer cottages for renting and during the summer months is visited by yachtsmen, as is the shoreline as far west as the Painted Cave, an attraction for sightseers.

There is a telephone line (Grounded Circuit) that connects the west end ranch, the main ranch, Pelican Bay and the ranchhouse at the wharf at Prisoner's Harbor.

There is a road, rather poor because it is not kept up, but well graded and drained from the original construction, that runs from the wharf at Prisoners Harbor to the main ranch and thence thru the valley west to the west end ranch. There is a caretaker at this ranch. Trails run along the main ridge to the west end.

This portion of the island is swept by the strong north-west and west winds that blow almost continuously except during the winter. Grass, except on the gentler slopes, is scarce and the only other vegetation is the pear cactuses.

Emergency landing fields for planes are not maintained but landings can be made in the prevailing winds inside the fenced field just east of the west and ranch and on the sandy beach at this ranch. Planes have been reported as landing on the flats in back of Forney's Cove.

Special Notes

Rocks marked to E in this sheet were inked in error. They refer to NW. The shoreline is clear of offlying dangers, except for small offshore rocks none more than 100 meters offshore.
Control

14 triangulation stations on the sheet with 7 on or near the shoreline gave adequate control. Only one long traverse was run but no adjustment was necessary.

Geographic Names

Since the original survey the names of several of the anchorages have changed or interchanged. Preference should be given to the local names to avoid confusion. The anchorage just east of Diablo Point should be called Fry's Harbor; the anchorage just west of Diablo Point should be called Diablo anchorage. About a mile west of Diablo Point there is a small anchorage that is now known as Lady's Harbor. Twin Harbors at the extreme eastern end of the sheet are shown on the chart as Tinker's Harbor. Preference should be given the name Twin Harbors. Cueva Valdase and the Painted Cave should be shown on future charts. Canada Dog Suaces should be the name of the large canyon on the southwest portion of the sheet.

Changes in shoreline

The shoreline on this sheet corrects the shoreline as shown on the old bromides. A shoreline traverse of the whole length of the island was made and gives all detail.

Contours

Wherever possible contours were cut in from the beach to check the old work. Likewise theodolite vertical angles were taken. Consequently considerable differences were found in comparison with the old elevations. This difference was found to be almost constantly about 33 feet all over the island. The new elevations should be used. These are about 33 feet higher than the old elevations.

Richard S. Thompson, Surveyor.
METHOD OF TRANSPORTATION TO WEST END RANCH

OVERLOOKING SANDY BEACH AT NORTH END CANADA CERVADA

SHOWING BLUFFS NORTH SIDE

LOOKING WEST SOUTH SIDE

△ WEST POINZ 2 △ SANTA CRUZ W.
APPROVAL OF CHIEF OF PARTY

Topographic sheet "T-Q" has been inspected and approved by me. The field work was done under my occasional supervision and the inking under the direct supervision of Lieut. Robert W. Knox.

Respectfully submitted:

Chas K. Green,
Chief of Party.
### Geographic Names

**Survey No.** T-4906  
**Chart No.** 5202  
**Diagram No.** 5202-2  
**Examined by** W.J.N.

**Date.** Mar. 21, 1935  
**California**  
Approved by the Division of Geographic Names, Department of Interior.  
Referred to the Division of Geographic Names, Department of Interior.  
Under investigation.  
*Names underlined in red approved Feb 28, 1935*

**Harlow Bacon**

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Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4906 (1934) - FIELD LETTER Q

Santa Cruz Island, Northwestern Part, California
Surveyed March - June, 1934.
Instructions dated Oct. 31, 1932 - Sept. 9, 1933 (C. K. Green)

Plane Table Survey

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


The Descriptive Report is clear and comprehensive and satisfactorily covers all matters of importance.

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

a. Scaled one-half meter distances were not laid off for distortion measurement.

b. Elevations of rocks bare at H. W. are shown in black. The requirement is that red figures be used.

c. Rocks erroneously referred to L. W. (see D. R., page 1) were changed to refer to MLLW.

d. In several instances bare rocks were shown with the height above L. W. These were reduced and the height above MLLW is now shown in red.

e. A rock in lat. 34°04.1', long. 119°55.3' baring 5 ft. at MLLW, shown as a bare rock, was changed to a rock awash.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junction with Contemporary Surveys.

Satisfactory junction was made with T-4909 (1934). The junction with T-4908 (1934) on the east is cut about 5 meters.
4. **Comparison with Prior Surveys.**

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

   A comparison of this survey with the present survey shows a good general agreement. Occasional differences in the delineation of short stretches of shoreline are of minor importance. It does not appear that any changes have occurred except for some filling at the mouths of the canyons. The area is comparatively free from offlying rocks and the present survey verifies most of the rocks formerly shown. A few rocks are carried forward in green to the present survey but they are not listed here because in every case they are very close to shore and of minor importance. A general comparison of contours shows fair agreement in general trend. The present elevations are consistently 33 ft. higher than the old elevations (see D. R., page 2).

5. **Field Drafting.**

   The field inking is good.

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 for charting purposes:

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


Examined and approved:

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

L. O. Abbott  
Chief, Division of Charts.

T. Borden  
Chief, Section of Field Work.

L. O. Abbott  
Chief, Division of H. & T.