

4908

U. S. COAST & GEODETIC SURVEY  
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Form 504  
Ed. June, 1928  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
R. S. Patton, Director

State: California

## DESCRIPTIVE REPORT

Topographic } Sheet No. T - R  
~~Hydrographic~~

### LOCALITY

Santa Cruz Island

Prisoner's Harbor to

Twin Harbors

1935

### CHIEF OF PARTY

Chas. K. Green

U. S. GOVERNMENT PRINTING OFFICE: 1930

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## 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 - RREGISTER NO. **4908**State CaliforniaGeneral locality Santa Cruz IslandLocality Prisoner's Harbor to Twin HarborsScale 1:5,000 Date of survey April, 1934Vessel Ora B.Chief of Party C.K. GreenSurveyed by R.S. ThompsonInked by N.C. SkansenHeights in feet above HW to ground to tops of treesContour Approximate contour ~~form line interval~~ 50 feetInstructions dated Oct. 31, 1932 and Sept. 9, 1933, 19

Remarks: \_\_\_\_\_

Descriptive Report  
to accompany  
Topographic Sheet R  
Prisoner's Harbor  
Santa Cruz Island  
California

Instructions

October 31, 1932 and September 9, 1933.

Limits and Scale

This sheet covers a strip of the shore from Long. 119-40 to Long. 119-43-30, on the north side of the island. The scale is 1:5,000.

General Description.

The shoreline extends in a general east west direction as far as Prisoner's Harbor. Thence northwesterly to the limits of the sheet. The shoreline consists of a line of bluffs 20 to 300 ft. in elevation unbroken except at the mouths of the canyons opening on the shoreline. There are no beaches except on mouths of the larger canyons. The hills rise rapidly away from the shore and are rather thickly covered with live oaks and stands of pine, once burnt over but now being replaced with second growth.

There are no towns or settlements. The whole strip is ranchland given over to grazing for sheep. There is a resort with cabins and a boat landing at Pelican Bay. This is a favorite anchorage for yachtsmen and fishermen. There is a substantial wharf at Prisoner's Harbor and a ranchouse where lives a caretaker. Pelican Bay and Prisoner's Harbor are connected and interconnected by telephone with the main ranch. There are no roads, but a trail connects the two anchorages. Wild boar hunting parties usually strike for the interior of the island from these two places. The shipping of island grapes and wool is done from the wharf at Prisoner's Harbor.

Special Notes

There are no offshore dangers on this sheet.

Landmarks

None

Control

2 triangulation stations with one station also located with 4th order accuracy gave ample control. No adjustments were necessary.

Geographic Names

The name Twin Harbors should be given preference over the old name of Tinker's Harbor shown on the western limits of the sheet. Except for the resort houses at Pelican bay there has been no development.

Changes in shoreline

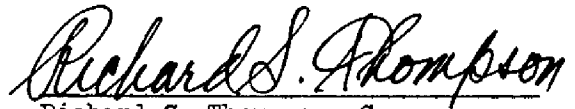
Descriptive Report  
to accompany  
Topographic Sheet R  
(2)

Changes in shoreline

Except for the greater detail obtained by the shoreline traverse on the sheet there are no changes.

Contours

Contours were run back far enough from the shore to obtain a check on the old work as shown on the bromide copies. Vegetation was shown whenever practicable.

  
Richard S. Thompson, Surveyor

Survey No. T4908

## GEOGRAPHIC NAMES

Date, March 26, 1935 California

Chart No. 5202

Names underlined in red approved Mar 30, 1935

Diagram No. 5202-2

Harlow Bacon

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]

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4908 (1934) - FIELD LETTER R

Prisoners Harbor to Twin Harbors, Santa Cruz Island, California

Surveyed April, 1934

Instructions dated October 31, 1932; September 9, 1933 (C. K. Green)

Plane Table Survey

Cloth Mounted

Chief of Party - C. K. Green.

Surveyed by - R. S. Thompson.

Inked by - N. C. Skansen.

1. Condition of Records.

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 checking.
- b. Several rocks bare at H. W. were shown with elevations above M. L. L. W. These were reduced in the office and the elevations above M. H. W. are now shown.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junction with Contemporary Surveys.

Satisfactory junction was made with T-4885 (1934) on the east. The junction with T-4906 on the west is out about 5 meters in latitude.

4. Comparison with Prior Surveys.

a. T-876 (1859).

This survey (scale 1:10,000) is in fair agreement with the present survey, both in shoreline delineation and in the number and character of rocks shown. An extensive bare reef making out from a slight point in lat.  $34^{\circ}01.1'$ , long.  $119^{\circ}39.7'$  is shown as a sunken rock on the prior survey. It is impossible to say whether a change has occurred here, but it is more likely that the former work in this section was done at H. W. All rocks formerly shown are verified on the present survey. A general comparison of contours shows fair agreement.

b. T-1436 (1874-75).

A comparison of this survey (scale 1:20,000) with the western limit of the present survey shows good agreement, but the present survey shows more detail of shoreline. Twin Harbors is being filled by silt from the canyons as evidenced by the present location of the head being almost 100 meters farther out than in 1875. All rocks formerly shown are verified on the present survey.

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 surveys for charting purposes:

T- 876 (1859) in part.  
T-1436 (1874-75) " "

8. Reviewed by - A. F. Jankowski, July 10, 1935.

Examined and approved:

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

*L. O. Lobnitz*  
Chief, Division of Charts.

*F. S. Borden*  
Chief, Section of Field Work.

*G. W. Hude*  
Chief, Division of H. & T.

*applied to chart 5115 Jan 5, 1936 L. J. Schind*  
" " " 5202 Mar 1936 L. M. J.  
" " " 5114 Feb 1936 L. M. J.  
" " " 5101 May 1936 L. M. J.