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

State: California

DESCRIPTIVE REPORT

Topographic Sheet No. T - R

LOCALITY

Santa Cruz Island
Prisoner's Harbor to Twin Harbors

1936

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.

REGISTER NO. 4908

State California

General locality Santa Cruz Island

Locality Prisoner's Harbor to Twin Harbors

Scale 1:5,000 Date of survey April 1934

Vessel Ora B.

Chief of Party C.K. Green

Surveyed by R.S. Thompson

Inked by N.C. Skansen

Heights in feet above HW to ground to tops of trees

Contour Approximate contour line interval 50 feet

Instructions 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 re-
placed 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 ranchhouse where lives a caretaker. Pelican Bay and Pris-
one’s Harbor are conected 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 staions with one station also located
with 4th order accuracy gave ample control. No adjustments were nec-

essary.

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
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
Richard S. Thompson, Surveyor
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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 cut about 5 meters in latitude.


a. T-876 (1853).

This survey (scale 1:10,000) is in fair agreement with the pre-
sent 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°01.1', long. 119°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) " "


Examined and approved:

C. K. Green, C. F. Green. L. O. Seaborn
Chief, Section of Field Records. Chief, Division of Charts.

T. H. Borden
Chief, Section of Field Work.

Chief, Division of H. & T.

Applied Coast S115 Jan 5, 1936
5/14 Feb 1936 L. M. J.
5/14 May 1936 L. M. J.
5/10 May 1936 L. M. J.