

4910

U. S. COAST & GEODETIC SURVEY  
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Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: California

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. T ~ U

LOCALITY

Santa Barbara Channel  
Santa Rosa Island

(South Side.)

1935

CHIEF OF PARTY

Robert W. Knox

U. S. GOVERNMENT PRINTING OFFICE: 1928

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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 - UREGISTER NO. 4910State CaliforniaGeneral locality ~~Santa Rosa Island~~ Santa Barbara ChannelLocality ~~South Side~~ Santa Rosa IslandScale 1 : 20,000 Date of survey Aug. - December, 1934Vessel Shore partyChief of Party C.K.Green and R.W.KnoxSurveyed by R.S.ThompsonInked by N.C.SkansenHeights in feet above HW to ground ~~to tops of trees~~Contour Approximate contour Form line interval 50 feetInstructions dated Oct. 31, 1932 and Sept. 9, 1933, 19

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

Descriptive Report  
to accompany  
Topographic Sheet U  
South Side  
Santa Rosa  
Island  
California

Instructions

October 31, 1932 and September 9, 1933.

Limits and Scale

This sheet embraces the entire south side of the island from Skunk Point as far as long. 120-12.

Scale is 1:20,000.

General Description

The shoreline extends south from Skunk Point to East Point. Westward from East Point the shoreline extends in the general direction west by south to South Point. Here the shoreline abruptly changes its direction to the northwest to the western limits of the sheet. A low bluffline except at the mouths of the larger canyons extends southward at eastern limits of the sheet to East Point. From here and except at the mouths of canyons an unbroken line of bluffs, from 50 to 400 feet in elevation, extends west to Ford Point. Here a low line of shore bluffs about 20 to 70 feet in elevation extends west to South Point. A high bluff line begins here and extends west for a bout a mile thence a long shoreline of sandy beaches begins and extends to the limits of the sheet. The hills rise rapidly away from the shore and are sparsely covered with manzanita and mesquite. Traversing is difficult as there are no trails and the blufflines cut by the mouths of deep canyons.

There are no towns or settlements. The whole strip is ranchland given over to cattle grazing. Water is scarce and at best poor for drinking. The lighthouse service maintains a shack for landing parties at Johnson's Lee.

Special Notes

The shoreline shown on this sheet is very foul. Boat landings are scarce and a heavy swell usually washes the beaches. With the exception of Bee Rock, no dangers submerged or awash are beyond 600 meters out from the high water line. Elevations of rocks referred to LW on this sheet were inked in in error. They refer to LLL.

Landmarks

None

Control

21 triangulation stations shown on the sheet with 13 on or near the shoreline gave ample control. Only one long traverse

Descriptive Report  
to accompany  
Topographic Sheet U  
(2)

was made but no adjustment was necessary.

Geographic Names.

Several new and different names are given to the canyons making down to the south side of the island. The first canyon west of Triangulation Station Borrego 2 is now known as the Wreck Canyon. The large canyon about a mile west of Triangulation Station Bonn is now called San Augustin Canyon. The first canyon west of the Wreck Canyon is now called Jolla Vieja Canyon. Preference should be given to the local names. The name of a high bald peak  $\frac{3}{4}$  mile west of Triangulation Station Alta 2 is Sierra Pablo. *See name list*  
Changes in shoreline

No physical changes of shoreline on this sheet. The shoreline traverse on this sheet gives greater detail and more accurate delineation than that shown on the old bromides.

Contours

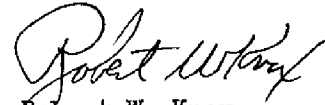
Contours were run back far enough from the beach to obtain a check on the old work as shown on the old bromides which were carried along in the field.

*Richard S. Thompson*

Richard S. Thompson, Surveyor

APPROVAL OF CHIEF OF PARTY

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

  
Robert W. Knox,  
Chief of Party.

Date. March 26, 1935

Chart No. 5202

Approved by the Division of Geographic Names, Department of Interior. ✕

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

(M-136)

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4910 (1934) - FIELD LETTER U

Santa Rosa Island, Santa Barbara Channel, California  
Surveyed August - December, 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.

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. Elevations of rocks awash were in most cases shown as referring to L. W. These were changed to MLLW. (See D. R., Page 1, Par. 4.)
- b. Elevations of bare rocks which were given above MLLW were reduced in the office and the elevations above MHW are now shown in red.
- c. Rocks awash which were described as bare 7 ft. at MLLW were changed and are now shown as rocks awash at Extreme H. W. Also notes describing rocks as bare 6 ft. at MLLW were changed to "Awash at MHW."

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junction with Contemporary Surveys.

Satisfactory junctions were made with T-4907 (1934) on the north and with T-4911 (1934) on the west.

4. Comparison with Prior Surveys.

a. T-1325 (1872-73).

A comparison of this survey with the present survey shows fair agreement both in shoreline and in the general trend of contours. The offlying rocks are in fair agreement except in a few instances

where it appears that minor differences which exist are due to more or less approximate locations at the time of the old surveys. However, there is considerable difference in the rocks in the vicinity of Bee Rock but no rocks were carried forward (see Rev. H-5701, Par. 6b(1)). A rock awash near shore in lat. 33° 54.5', long. 120° 04.5' and a foul area in lat. 33° 54.1', long. 120° 08.2' are carried forward to the present survey in red.

b. T-1326 (1872-73).

This survey is in fair agreement with the present survey both in high water line and in the offlying rocks except in the  $\frac{1}{2}$  miles of shoreline northward from East Point. Here the former survey shows several sunken rocks which lie outside of rocks located on the present survey. These sunken rocks were left to be disposed of by the hydrographic reviewer because they appear to have been sketched rather than accurately located.

Disposed of in  
Rev. of H-5700  
(1934-35), Par. 6c(4)

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-1325 (1872-73) in part.  
T-1326 (1872-73) " "

8. Reviewed by - A. F. Jankowski, July 29, 1935.

Examined and approved:

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

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

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

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

*Applied to Chart 5716*  
*Applied to Chart 5715*  
*" " 5202*  
*" " 5101*  
*11/17/35 - L. J.*  
*12/31/35 - L. J.*  
*Mar 1936 R. M. S.*  
*May 1936 R. M. S.*