

4490

Form 504  
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

U. S. COAST AND GEODETIC SURVEY  
L & A.  
MAR 27 1930  
Acc. No.

State: California

DESCRIPTIVE REPORT

Topographic  
~~Hydrographic~~

Sheet No. C 4490

LOCALITY

California

Northern California

Mussel Point to Rocky Point

19 29

CHIEF OF PARTY

A. P. Ratti, H. & G. Engr.

DESCRIPTIVE REPORT  
TO  
ACCOMPANY TOPOGRAPHIC SHEET C MUSSEL POINT TO ROCKY POINT  
A. P. RATTI, CHIEF OF PARTY PROJECT NO. 34

INSTRUCTIONS:

This survey was made under instructions dated April 27, 1929

EXTENT:

This sheet comprises a survey of the shore line and other topographic features from Mussel Point to Rocky Point. It is joined on the North by Sheet B and on the South by Sheet D.

METHOD OF SURVEY:

The usual methods of plane table survey were used in locating the shore line and other topographic features. No trouble was experienced in keeping within the allowable error for traverse closures. All traverses were adjusted according to instructions in the Topographic Manual.

DESCRIPTION:

From Mussel Point to Redwood Creek the slopes are quite steep ending in low bluffs or slides at the highwater line. A sand beach extends from Redwood Creek to Rocky Point, with the exception of a short stretch of rocky beach at Sharp Point

Freshwater Lagoon is a small body of fresh water beginning about a mile South of Redwood Creek and extending for a mile down the beach. It is separated from the ocean by a sand bar about twenty feet above highwater.

Stone Lagoon is an irregular body of salt water that begins just South of Freshwater Lagoon and extends for a mile along the beach and for two miles inland. It is separated from the ocean by a sand bar about twenty feet above highwater. It breaks through in the rainy season.

Big Lagoon is a large body of salt water that begins about two miles South of Stone Lagoon and extends for three and one-half miles along the beach. The widest point, at the South end, extends for almost two miles inland ending in marshes. A sand bar separates the lagoon from the sea. It breaks through to the sea during the rainy season.

The hills back of the lagoons are quite steep. For the most part the slopes are grassy and used for cattle ranches. The tops of the hills are heavily wooded.

COMPARISON WITH RECONNAISSANCE SURVEY:

1. Rock shown at Lat. 41 18 1470m, Long 124 05 1225m does not exist.
2. Mouth of Redwood Creek and rocks off the mouth of the creek are shown  $\frac{3}{4}$  mi. South of true position.
3. Rock shown at Lat. 41 15 1485m, Long 124 06 1290m does not exist.
4. Rock shown at Lat. 41 15 935m, Long. 124 06 910m does not exist.
5. Rock shown at Lat. 41 15 1430m, Long 124 06 290m does not exist.

*These rocks are shown on Reconnaissance sheet no. 1378*  
*A.P.R.*

6. Rock shown at Lat. 41 15 1140m, Long 124 06 245m does not exist.
7. Rock shown at Lat. 41 15 770m, Long 124 05 1365m does not exist.
8. Rocks off Sharp Point are shown out of position.
9. Sharp Point is shown on Chart No. 5702 as Conical Rock.
10. The point charted as Sharp Point on Chart No. 5702 has no local name. It is not prominent from the sea.

*These rocks  
are shown  
on reconnaissance  
sheet no 318.  
A.R.*

STATISTICS:

Statute miles of shore line -----	13.9
" " " highway -----	13.8
" " " lagoons -----	25.2
" " " creeks -----	2.0
Area in sq. stat. mi. -----	25.8

Respectfully submitted,

*George R. Shelton*  
Jr. H. & G. Engr.

Approved,

*Augustus P. Rath*  
Chief of Party.

T-4490

## PLANE TABLE POSITIONS

Object and Description	Lat.	D. M.	Long.	D. P.	Height in Feet	Remarks
Black, h.w. rock	41 19	1312	124 05	1190	20	Top
White, white topped h.w.rock	41 18	132	124 05	1066	77	"
Bit, on side hill be- low The Lookout.	41 16	1470	124 05	790	150	Marked with std. hydro.disc
Bric. Pointed h.w. rk.	41 08	1120	124 09	905	20	Top

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## TOPOGRAPHIC TITLE SHEET

REG. NO. 4490

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 C

REGISTER NO.

4490

State CaliforniaGeneral locality Northern CaliforniaLocality Rocky Pt. to Mussel Point  
~~Mussel Point to Rocky Point.~~Scale 1:20,000 Date of survey June and July, 1929Vessel Party of A. P. Ratti, Project No. 34Chief of Party A. P. RattiSurveyed by George R. SheltonInked by George R. SheltonHeights in feet above M.W. to ground to tops of trees~~Contours Approximate contours~~ Form line interval 100 feetInstructions dated April 27, 1929

Remarks: