

4515

Form 504 Ed. June, 1928	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY R. S. Patton, Director	
U. S. COAST AND GEODETIC SURVEY APR 11 1930 Acc. No.	
State: California	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. E 4515
LOCALITY	
Northern California Trinidad Head	
Moonstone Beach to Samoa to Little	
River Rock	
19 29	
CHIEF OF PARTY	
A. P. Ratti, H. & G. Engr.	

DESCRIPTIVE REPORT
TO
ACCOMPANY TOPOGRAPHIC SHEET E MOONSTONE BEACH TO SAMOA
A. P. RATTI, CHIEF OF PARTY PROJECT NO. 34

INSTRUCTIONS:

This survey was accomplished under instructions dated April 27, 1929.

EXTENT:

This sheet comprises a revision survey of the shore line and other topographic features from Moonstone Beach to Samoa. It is joined on the North by Sheet D and on the South by Sheet F.

SURVEY METHODS:

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

DESCRIPTION:

A sand beach extends throughout the entire length of this sheet. There are numerous sand dunes of varying sizes from Little River to Mad River extending for a quarter of a mile back of the beach. The sand dunes end at the foot of a low bluff at the top of which are level grass lands. Sand dunes merging into grass lands extend for about two miles down the beach from Mad River. From this point to the end of the sheet there are numerous sand dunes broken by deep ravines along which are trees and thick under brush. These extend to Mad River Slough and Arcata Bay.

There are no offlying rocks.

COMPARISON WITH ORIGINAL SURVEY.

The mouth of Little River has shifted one and three quarters miles to the South.

The mouth of Mad River has shifted three quarters of a mile to the South.

The shore line has shifted by varying amounts.

STATISTICS:

Statute miles of shore line -----	15.7
" " " railroad -----	6.6
" " " highway -----	9.9
" " " rivers -----	6.0
" " " creeks -----	2.6
Area in sq. stat. mi. -----	11.9.

Respectfully submitted,

George A. Steella

Jr. H. & G. Engr.

Approved.

Augustus P. Ratti

Chief of Party.

Titled

Form 537a

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4515

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 E

REGISTER NO. 4515

State California

General locality Northern California Trinidad Head

Locality Moonstone Beach to Samoa to Little River Rock

Scale: 20,000 Date of survey April 27 August, 19 29

Vessel Party of A. P. Ratti Project No. 34

Chief of Party A. P. Ratti

Surveyed by George R. Shelton

Inked by George R. Shelton

Heights in feet above H.W. to ground ~~to tops of trees~~

~~Contour~~ ~~Approximate contour~~ Form line interval 100 feet

Instructions dated April 27, 19 29

Remarks: