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

State: California

DESCRIPTIVE REPORT
Topographic Sheet No. E 4515

LOCALITY
Northern California, Trinidad Head
Moonstone Beach to Samoa to Little River Bank

CHIEF OF PARTY
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 in-
structions 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 ------------------- 5.0
" " creeks ------------------ 2.6
Area in sq. stat. mi. --------------------- 11.9

Respectfully submitted,


 approving.

Chief of Party.
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
Locality: MacKerricher to Samoa to Little River Rock
Scale: 1:20,000
Date of survey: August 27, 1929
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: 36m 96m 125m

Contour: Approximate contour
Form line interval: 100 feet

Instructions dated: April 27, 1929

Remarks: 

Department of Commerce
U.S. Coast and Geodetic Survey