

4514

Form 504
Ed. June, 1928

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

U. S. SURVEY
& A.
APR 11 1930
Acc. No.

State: California

DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~

Sheet No. G 4514

LOCALITY

Northern California

Table Bluff to False Cape

1929

CHIEF OF PARTY

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

D E S C R I P T I V E R E P O R T
T O

ACCOMPANY TOPOGRAPHIC SHEET G TABLE BLUFF TO FALSE CAPE

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 revision survey of the shore line and other topographic features from one mile north of Table Bluff to False Cape. It is joined on the north by Sheet F and on the South by Sheet H.

SURVEY METHODS:

The usual plane table survey methods were used in locating the shore line and other topographic features on this sheet. All traverses closed within the allowable error for traverse closures and were adjusted according to instructions contained in the Topographic Manual.

DESCRIPTION:

From the North end of the sheet to Table Bluff there is a low narrow sand spit separating Humboldt Bay from the Ocean. A narrow sand beach extends from Table Bluff to False Cape. A salt water slough about 1/4 mile wide extends Northeast from Eel River to a distance of three miles, forming a narrow sand spit. A narrow slough extends about 1-1/2 miles further. The land back of the sand beach from Table Bluff to Centerville Beach is about sea level but is protected from the entrance of salt water by the sand beach which is about twenty-five feet above high water and by dykes built along the salt water sloughs. This area is used for dairy farming. A low range of hills begin at Centerville Beach and increase in height to False Cape. The tops of the hills are covered with grass. The streams are fringed with trees. A narrow sand beach lies along the foot of these hills.

COMPARISON WITH ORIGINAL SURVEY:

The marshes shown on the original survey along Eel River and vicinity no longer exist, due to the construction of dykes along the salt water sloughs. The mouth of Eel River has shifted about one mile to the south.

TOPOGRAPHIC SHEET G --- Table Bluff to False Cape, Calif.

PLANE TABLE POSITIONS

SIGNAL	LATITUDE		D.M.	LONGITUDE		D.P.	HEIGHT	REMARKS
	o	'	m.	o	'	m.	feet	
Light	40	41	1337	124	16	648	----	Table Bluff L.H.
R.T.	40	41	1327	124	16	510	----	Lowest of two radio towers.
R.C.	40	41	1287	124	16	686	----	Table Bluff Radio Compass Sta.
Nor	40	39	755	124	17	847	----	North corner of barn.
Cross	40	34	386	124	21	47	----	Center of large concrete cross near Centreville.

The rocks off False Cape are out of position by varying amounts. The shore line has shifted by varying amounts.

STATISTICS:

Statute miles of shore line	-----	17.3
" " " river	-----	2.3
" " " highway	-----	2.5
" " " creeks	-----	3.2
" " " sloughs	-----	23.2
Area in sq. statute miles	-----	20.6

Respectfully submitted,

George R. Shattuck

Jr. H. & G. Engr.

Approved:

Augustus P. Rott

Chief of Party.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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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 GREGISTER NO. 4514State CaliforniaGeneral locality ~~Northern California~~ North of Cape MendocinoLocality ~~Table Bluff to False Cape to Table Bluff~~Scale 1:20,000 Date of survey October, 1929Vessel Party of A. P. Patti Project No. 34Chief of Party A. P. PattiSurveyed by George R. SheltonInked by George R. SheltonHeights in feet above H.W. to ground ~~to tops of trees~~~~Contour interval 100 feet~~ Form line interval 100 feetInstructions dated April 27, 1929

Remarks: _____