4014



Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: CALIFORNIA

DESCRIPTIVE REPORT.

Topog Sheet No. 4014

LOCALITY:

Moatho

GROVE POINT TO PETALUM ORSEK

San Pabla Bay-W. Shore

Grove Pt. to Mouth of Petaluma Creek

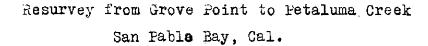
1421

CHIEF OF PARTY:

F. G. Englo







- 1. This work was started Oct. 22, 1921 and finished Dec. 9, 1922, under instructions dated June 1, 1921, one officer and two men living ashore at a farmhouse near Galinas and getting around to the work by means of a machine hired at this place.
- 2. The work was done on a new projection scale 1-lo,000, too many changes being found for the work to be done accurately on the bromide print.
- 3. The most important change is the large amount of reclaimed land previously shown as marsh which is now under cultivation, grain being raised mostly. Among other changes are the widening of Galinas Creek and the creation of the island near Santa Venecia, Santa Venecia being a summer bathing resort recently established, a new building at St. Vincent's Orphanage, the new state highway paralleling the Sonoma branch of the North western Pacific Railroad and the highway bridge across retaluma Creek at Green Foint. The towers of the Pacific Gas and Electric Company's transmission line make good land marks especially the tall ones on each side of the creeks which were located by plane table however no attempt was made to include all of the towers in the list of plane table positions.
- 4. The usual methods of surveying were used, traversing and checking by three point fix wherever possible.
 - 5. A list of recoverable plane table positions is attached.

Wm.H. Overshiner, Jr.H.&G.E.

Plane Table Positions.

ø	Objects and descriptions.	Lat.	D • M •	Long.	D.P.	
•	Cupola, large building at Santa Venecia	38-00	850	122-31	392	_
	Center tin shack, pumping station	38-02	86	122-30	225	
	Center shack, Fumping station	38-03	904	122-29	820	
,	Center tin shack, pumping station	38-04	732	122-29	55	
	Pil, group of piles	38-05	914	122-28	1422	

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.	Freid Sheet 1
Register No4()1-4-	Freed sheet
State California	•
General locality San Pablo Bay - West Shore	
Locality Grove Point to Petaluma Creek	
Chief of party . F.G. Engle, O.W. Swainson	
Surveyed by Wm.H.Overshiner	Ž
Date of survey . Oct.22 to Dec.9, 1921	
Scale 1-107000	
Heights in feet above	
Contour interval feet.	
Inked by . W.H.O Lettered by . W.H.O	,
Records accompanying sheet (check those forwarded): Thotogra	
Descriptive report, -Horisontal-angle-books, -Field-computation	na-
Data from other sources affecting sheet	
Remarks: See accompanying chart	
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