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COAST AND GEODETIC SURVEY

Superintendent.

State: *Cal*

DESCRIPTIVE REPORT.

*Top &* Sheet No. *3126*

LOCALITY:

*San Pablo Bay*

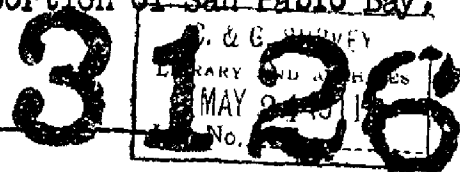
190

CHIEF OF PARTY:

*J. V. Rhodes*

3126

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET # 3126,  
being a revision of the shore-line of a portion of San Pablo Bay,  
California.



The revised shore line shown on this sheet is from a plane table survey, supplemented by a small amount of detail taken from large scale maps of the Selby Smelting Works, Dupont Powder Works and Giant Powder Works.

The plane table survey is controlled by a scheme of triangulation expanded from the base "Mare Island S.E. --- Vallejo 3" and extended to Pt. Pinole 3.

Orders were received to close work before the survey was completed, but there are no improvements or changes along the unrevised portion of the shore line excepting a few small houses and a landing stage for small boats, all lying in the bight between Pt. Wilson & Pinole Pt.

The piles driven along the north side of the dredged channel & used by the Army Engineers in their hydrographic survey were all except two carried away, at the time the revision work was begun. These two were determined by the triangulation, but one of them carried away during the progress of the work, leaving only No. 9 standing. The Army Engineers' field notes giving the positions of all of these piles, were forwarded to the Office on March 2nd.

Mare Island Light House and Carquinez Strait Light House were determined from the triangulation and their positions found to agree very closely with those given on the chart.

There are no changes or improvements on the shore line in the vicinity of the Carquinez Strait Light House.

At the south end of Mare Island the Government has extended the

westerly jetty in the manner shown. The area between the two jetties shown on the chart at this point has shoaled so that the small wharf in front of the Light House is no longer accessible except by row-boats at the time of high water. The water back of the new jetty is also said to be shoaling very rapidly since the sheet piling have been driven.

The buildings of the Selby Lead and Smelting Works are a most conspicuous group. "Chimney" is a high circular brick chimney. "Stack" is a high steel stack. "Shot" is the small smoke pipe on the small frame house on top of the steel shot-tower.

The shore line on the S.W'y point of the works is being built out by dumping the slag and waste material from the furnaces at that point.

Triangulation station Selby on the bluff east of the R.R. track was interpolated to carry the triangulation past this point as the line Vallejo 3 — Lone Pt. falls between two smoke stacks which are continually in operation and obscure the view at nearly all times.

The town named El Cierbo on the chart is known as Tormey. The small wharf formerly shown at that point no longer exists.

At Oleum the point given from some previous survey as the "Outer west corner of the oil wharf" falls on the present east line of the wharf. The wharf has no doubt been extended but no exact information concerning it could be obtained.

"East Stack" is the easterly of two low black steel stacks on a pump house at Oleum. "Tower" is a conspicuous wooden cupola on the east end of a large frame building. "Stack" is a black steel stack on the east side of a power house. There are a number of large conspicuous oil tanks at Oleum as shown on the sheet; the two larger ones at the N.E. Pt. of the works being particularly conspicuous.

The site of the original Lone Tree Point triangulation station is now

occupied by a small oil tank. Bone Tree Pt. "2" is the station established by the Army Engineers and marked by them with an iron pin.

"Refugio Landing" of this old chart is now known as the Dupont Powder Wharf. The Dupont Powder Co. has purchased the old works and made extensive changes. Some of the details of the Dupont Works south of the R.R. tracks, as shown on the accompanying blue-prints, have been added to the work done in the field. Corrections on the blue-prints are shown in red.

Two black oil tanks standing on the point of the bluff are conspicuous marks.

The positions of a few of the S'ly buildings of the Giant Powder Co. at Pinole Pt. have been taken from a tracing made from a map loaned by the Company. This tracing is transmitted with the topographic sheet and all interior details shown on it are correct.

The outer end of the dyke shown at Pinole Pt. has been blown up to prevent shoaling at the wharf. The extent of the submerged ruins of this dyke which bares at L.W. is indicated by a broken line.

The Standard Oil Co. has a great many conspicuous large white oil tanks on the high ground lying 2 miles S.E'ly from Pinole Pt. which should be shown on the chart; these tanks fell outside the limits of the topographic sheet and could not be located on it.

Respectfully submitted,

*H. W. Rhodes.*

Assistant, C. & G. Survey.

3126

Top = 3126.

Revised Shore Line

San Pablo Bay, Cal.  
from

Point Pinole to Carquinez Strait.  
scale 1/10 000

March 1911 -

H. W. Rhodes.  
asst.

# 3126

LIST OF PLANE TABLE POSITIONS TO ACCOMPANY TOPOGRAPHIC SHEET--~~3126~~ <sup>3126</sup>

PINOLE PT. TO SELBY, SAN PABLO BAY, CALIFORNIA.

NAME	LATITUDE	DM	LONGITUDE	DP	REMARKS
PILE 1	38 04	50	122 16	435	Near Mare Island
PILE 2	38 04	65	122 16	300	" " "
TOWER	38 02	1788	122 15	850	On building at Oleum
STACK	38 02	1698	122 15	760	Smoke stack at Oleum
FLAG STAFF	38 02	535	122 16	186	On house near Lene Tree Point
DOLPHIN	38 01	642	122 17	736	Near Refuge L'd'g'. wharf
PT. PINOLE WHARF	38 00	1730	122 21	1127	Northwesterly point
CENT. CONSPIC- UOUS TANK	38 01	438	122 17	255	Dupont Powder works
DUPONT POWDER WHARF	38 01	723	122 17	743	Westerly point
DOLPHIN	38 04	140	122 16	190	End of Mare Island jetty.