

4439

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

....., Director

State: California

DESCRIPTIVE REPORT

Topographic  
Hydrographic

Sheet No. <sup>D</sup> 4439

LOCALITY

San Francisco Bay

Point San Bruno to Point

San Mateo

1929

CHIEF OF PARTY

T. J. Maher

GOVERNMENT PRINTING OFFICE

DESCRIPTIVE REPORT  
to accompany  
TOPOGRAPHIC SHEET "D"

SAN FRANCISCO BAY  
between  
Pt. San Bruno & Pt. San Mateo

1929

Interstate Coast and Geologic Survey,

U. S. GEOLOGICAL SURVEY

## DESCRIPTIVE REPORT

To Accompany

Topographic Sheet "D".

### Instructions:

This survey was made under the Inspector's oral orders of June, 1929.

### Extent:

The survey extends from Point San Bruno on the north to Point San Mateo on the south, on the west shore of San Francisco Bay below San Francisco.

### Purpose:

To locate the Bayshore Highway which has recently been constructed and to note and locate any other changes of importance.

### Method of Survey:

The plane table and stadia were used exclusively. Three point positions were made use of wherever possible. A traverse was run from a three point fix near  $\Delta$  Windvane, to  $\Delta$  Point San Mateo, a distance of 5-1/2 statute miles. This traverse was supplemented with resections on Millbrae Oysterhouse and closed with an error of less than 3 meters. It was not adjusted. North of  $\Delta$  Windvane, three point fixes were used entirely, using previously located objects for control.

### Landmarks:

Several objects were located which are well defined and should be charted. These are appended on the regular form.

The objects which are labeled "Platforms" are apparently intended for beacons by the local residents. They are unpainted and in various stages of dilapidation. The numbers assigned to them are arbitrary.

The plan and character of the survey conform to the general requirements, except that the standard symbol was not used for marsh.

No specific instructions were issued for the work.

The junctions with the previous surveys are adequate.

No additional surveying is required.

E. D. Reelin

July, 1930

Changes Noted:

The triangulation station "Outer Wireless Mast, Point San Bruno" has been destroyed, but several others in the immediate vicinity are apt to be mistaken for it.

Several objects listed as triangulation stations in the Superintendent's Report of 1910 have been destroyed and are so noted.

A very prominent power transmission line follows fairly close to the shore and should be charted.

The street lay out of the section of Burlingame was transferred from a city map furnished by the local Chamber of Commerce. The Southern Pacific Railroad and several street intersections were located in the field for control.

The marshy land along this section of the coast has been drained and filled as noted.

No attempt was made to locate the low water land, as this would necessitate sounding.

Statistics:

Shoreline	-	Statute Miles	8.4
Roads	-	" "	10.0
Levees	-	" "	4.0
Power Lines-		" "	9.3
Railroad	-	" "	3.2
Area	-	Sq. "	7.0

*Geo. A. Nelson*  
*Topographer*

*Approved*  
*J. M. Nelson*  
*Chief of Party*

LIST OF PLANE TABLE POSITIONS

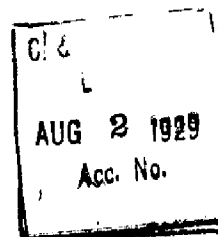
T-4439

To Accompany

SHEET "D".

	Lat.	D.M.	Long.	D.P.	Elev. (above MSL) ft.
N.E. Radio Tower- Naval Radio Station- Pt. San Bruno.	37-39.	629 1170	122-22	1443	373
N.W. Radio Tower- Naval Radio Station.	37-39	659 1170	122-23	71 72	373 373
S.W. Radio Tower- Naval Radio Station.	37-39	506 1143	122-23	123	373
S.E. Radio Tower- Naval Radio Station.	37-39	466	122-23	8	231
White Water Tank #1- Pt. San Bruno.	37-39	454 1393	122-23	82	
White Water Tank #2- Pt. San Bruno.	37-39	253 1596	122-22	1230 241	
Red Tile Stack, Pt. San Bruno.	37-39	122 <sup>3</sup>	122-22	1222 249	
Platform #1-unpainted.	37-38	753	122-22	1014	
Platform #2- "	37-38	773	122-23	49	
" #3- "	37-38	512	122-23	233	
" #4- "	37-37	1680	122-23	158	
" #5- "	37-36	1280	122-22	689	
" #6- "	37-36	942	122-22	415	
" #7- "	37-36	572	122-22	28	
" #8- "	37-36	376	122-21	968	
" #9- "	37-36	159	122-21	504	
" #10- * (white	37-35	1667	122-20	430	
Black Water Tank- {San Bruno.	37-37	203	122-24	615	
{Oil(?) Derrick-Millbrae	37-36	625	122-24	96	
{Tall Silver Water Tank- Millbrae.	37-36	81	122-23	183	
{Twin Shell Oil Co. Tanks-yellow.	37-35	553	122-21	902	
Brown Stone Archway-	37-35	444	122-19	1261	

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY



REG. NO.

4439

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 No. D

REGISTER NO. **4439**

State California

General locality San Francisco Bay

Locality Between Point San Bruno & Point San Mateo

Scale 1-10,000 Date of survey June, 1929

Vessel San Francisco Field Station

Chief of Party T.J. Maher

Surveyed by G.A. Nelson

Inked by G.A.N.

Heights in feet above M.H.W. <sup>objects</sup> to ~~the base of the highest~~

Contour, Approximate contour, Form line interval.....feet

Instructions dated Mar. 3, 1928

Remarks: Inspector's oral instructions of June 1929