

4429

4429

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
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State: California	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. 4429
LOCALITY	
San Francisco Bay	
San Leandro Bay	
1929	
CHIEF OF PARTY	
T. J. Maher	

Descriptive Report
To Accompany
Topographic Sheet B.
San Leandro Bay, California.

This survey was made under the San Francisco Field Inspector's orders of March, 1929.

Method of Survey

The standard plane table and stadia was used exclusively. Three point fixes were used chiefly, supplemented by short traverses. A traverse was run from FARM to PORT with a closing error of seven meters which was adjusted.

The portion shown of the street lay-out of the City of Alameda was transferred from the City Engineer's map of the city. Sufficient street intersections were located in the field to properly orient and place the transfer. The streets all exist as shown. The channel leading to the Oakland Airport marked "Under Construction", and the proposed channel leading directly out to San Francisco Bay, were transferred from the Board of Port Commissioners' map. The northern portion of the Airport grounds, at present marshy, is being filled in and otherwise improved. The low water line, where shown, was obtained from the hydrographic sheet of the same area. No attempt was made to locate the low-water line to the west and south of Bay Farm Island, as this could be more easily done with an hydrographic party. The H.W. line between the Airport channel and the levee to the eastward, is difficult of determination because of its extreme flatness.

STATISTICS

(statute miles)

Shoreline

Roads

Sloughs

21

7.8

3.1

George A. Nelson
Topographer

LIST OF PLANE TABLE POSITIONS

Sheet B

T-4425)

Description	Latitude		Longitude		Datum	Method of Determination
	°	D.M.meters	°	D.P.Meters		
Black Water Tank	37-46	1294	122-15	1072	N.A.	P.T.
Black Round Steel Stack	37-46	421	122-13	1145	N.A.	P.T.
Black Water Tank- Am.Can Co.	37-46	332	122-13	543	N.A.	P.T.
Gas Welder D.C. & E. Co.	37-45	1719.6	122-12	1274.4	N.A.	Triang.
Tower-Mutual Stores Office.	37-45	1779	122-12	43	N.A.	P.T.
Slender Black Steel Stack	37-45	1298	122-12	585	N.A.	P.T.
Black Water Tank	37-45	1180	122-12	1454	N.A.	P.T.
Radio Tower - W	37-44	607	122-14	1449	N.A.	P.T.
Radio Tower - E	37-44	611	122-15	95	N.A.	P.T.
Avia.Light-Oak.Air Port	37-43	1237	122-12	449	N.A.	P.T.
Flag Pole-Mun.Golf Links	37-44	1299	122-14	1270	N.A.	P.T.
Platform-unpainted	37-43	1110	122-13	1028	N.A.	P.T.
Platform-unpainted	37-43	965	122-13	1379	N.A.	P.T.
Derrick-wooden	37-43	1400	122-14	367	N.A.	P.T.
Wind Sleeve-Hangar #1	37-43	1225	122-12	426	N.A.	P.T.
Obs.Tower-Hangar #2	37-43	1277	122-12	505	N.A.	P.T.
Flag Pole-Jackson Pk. Alameda	37-45	1221	122-14	903	N.A.	P.T.
Concrete Pelorus Oakland Airport	37-43	722	122-12	371	N.A.	

IN REPLY ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO No. 11-DRM

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

March 18, 1930.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4429

San Leandro Bay, California

Surveyed in 1929

T. J. Maher, Chief of Party.

Surveyed and inked by G. A. Nelson.

1. The work conforms to the requirements of the General Instructions. It was done under orders of the San Francisco Inspector, which are not available.
2. The junction at the south differs from T. 3795. Owing to the better control and completeness of the new survey in this section, T. 4429 is probably the most accurate and should be used for charting.

The junctions at the north and northwest agree with the previous surveys except for minor details.

3. The survey is adequate and no further surveying is required.
4. Reviewed by E. P. Ellis, December, 1929.

Approved:

Chief, Section of Field Records (Charts)

Chief, Section of Field Work (H. & T.)

L. O. Colbart
Chief, Division of Charts
(Signed) L. O. Colbart,

G. H. Rude
Chief, Div. of Hyd'y and Top'y

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

C. & G. SURVEY
L. & A.
MAY 17 1929
Acc. No.

REG. NO.

4429

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 B

REGISTER NO. 4429

State California

General locality San Francisco Bay

Locality San Leandro Bay

Scale 1-10,000 Date of survey March 15-31, 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----- to ground to tops of trees

Contour Approximate contour Form line interval-----feet

Instructions dated-----, 19

Remarks: Field Inspectors orders of March, 1929