

4438

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

....., Director

State: California

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No. ^C 4438

LOCALITY

San Francisco Bay

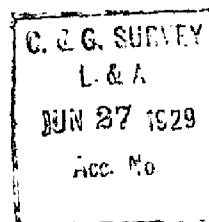
City of Richmond Harbor

1929

CHIEF OF PARTY

T.J. Maher

GOVERNMENT PRINTING OFFICE



DESCRIPTIVE REPORT

To Accompany

Topographic Sheet "C". 4438

Instructions:

This survey was made under the Inspector's orders
of _____

Extent:

This sheet covers the Harbor of the City of Richmond,
San Francisco Bay.

Purpose:

To note and locate the changes which have been made
and which are in progress in the improvement of this harbor.

Method of Survey:

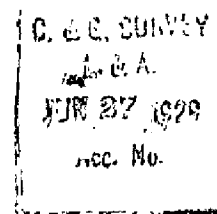
Two triangulation signals were established and located with a 4" theodolite. These together with existing triangulation, controlled the survey which was done by plane table and stadia. The method of control was chiefly by 3 point positions and resection; only one short traverse being run along the road from Point Petrero to a point near the junction of Cutting Boulevard and Wine Street. This was slightly over a mile and closed with a 5 meter error which was adjusted.

Landmarks :

The several aids to navigation which were located, appear on the present chart. Several objects appearing in the water area, not of a permanent nature, were located. These consist of flags for guidances in dredging operations, and slender scantlings, called sticks on topographic sheet, apparently put down by fishermen for their own guidance.

Changes Noted:

The pier just south of the brickworks plant shown on



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LIST OF PLANE TABLE POSITIONS (N.A. datum)

	Lat.	dm	Long.	dp
Chimney of house	37-55	932	122-21	1052
Derrick on Building of Richmond Navigation & Implement Co.	37-55	781	122-21	1448
E. Gable House	37-55	544	122-21	1456
Telephone Post on Hillside	37-55	170	122-22	1097
Red, White & Blue Post	37-54	1618	122-22	789
Brick Works Stack (higher)	37-54	1372	122-22	1050
" " " (lower)	37-54	1403	122-22	1042
W. Gable S.F. Bridge Co. Bldg.	37-54	1813	122-21	1349
Outer dolphin -Richmond Pier	37-54	803	122-23	147
Innder dolphin (center) Richmond Pier.	37-54	845	122-23	140
Beacon F "3"	37-54	729	122-23	65
Beacon F "7"	37-54	477	122-22	12
Beacon F R "2"	37-54	523	122-21	889
Echo Board	37-54	349	122-21	941

not checked

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

C. & G. SURVEY
L. & A.
JUN 27 1929
Acc. No.

REG. NO.

4438

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 C

REGISTER NO. 4438

State California

General locality San Francisco Bay

Locality ~~City of~~ Richmond Harbor

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 _____ to ground to tops of trees

Contour Approximate contour ~~Form~~ ~~line~~ interval _____ feet

Instructions dated Inspector's oral instructions of May 29

Remarks: Handwritten Sheet - faded with the station