

6892
Graphic Control

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Graphic Control

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Graphic Control (Topographic)

Field No. Office No. T 6892

LOCALITY

State California

General locality San Francisco Bay

Locality East Bay Bridge ^{and} Approach to the
Berkley Yacht Harbor

1942

CHIEF OF PARTY

L. D. Graham

LIBRARY & ARCHIVES

DATE March 4, 1942

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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

REGISTER NO. T-4671

T6882
Graphic CenterState CALIFORNIAGeneral locality SAN FRANCISCO BAYLocality EAST BAY BRIDGE APPROACH to BERKELEY YACHT HARBORScale 1:10,000 Date of survey February, 19 42Vessel USC&GSShip PIONEERChief of Party L. D. GrahamSurveyed by E. E. StohsnerInked by E. E. StohsnerHeights in feet above none to ground to tops of treesContour Approximate contour Form line interval none feetInstructions dated Project #HT-256 November 16, 1940Remarks: Projection on ruling machine.Topographic details in blue transferred in map projector.Details north of dashed line from T-6665, (1: 5,000)Details south of dashed line from T-6666 (1:20,000)except for topo stations marked with check which are from
T-4671 (1:10,000).

DESCRIPTIVE REPORT

T6892
Control

to accompany

Field No
TOPOGRAPHIC SHEET No. T-4671

PROJECT No. - 256

Revision Surveys San Francisco Bay

U.S.C. & G.S.S. PIONEER

February 1942

INSTRUCTIONS: Authority for this survey is contained in Instructions from Director dated November 16, 1940, paragraphs 8 to 13 inclusive.

MEMORANDUM REGARDING PREPARATION OF SHEET IN WASHINGTON OFFICE:

1. Projection on the ruling machine.
2. Detail in blue transferred in the map projector by Stone and checked by R. E. Elkins.
 - (a) Details north of dashed line from T-6665 (1:5,000).
 - (b) Details south of dashed line from T-6666 (1:20,000) except for topo stations marked with check which are from T-4671 (1:10,000).

CHARACTER AND LIMITS OF WORK: The purpose of this sheet is to locate any supplementary control needed for hydrography, and to include any delineating changes that have occurred in the shore line and adjacent topography. All shore-line changes surveyed are shown in black ink.

The limit of this sheet includes the east shore of San Francisco Bay, from the east approach of the Bay Bridge on the south to the Berkeley Yacht Harbor on the north.

CHARACTER OF CONTROL USED: Triangulation established in 1916-17, 1930-31, 1932, and 1938 was used for control on this sheet. Everything reduced to, and all work on, North American 1927 adjusted datum.

SURVEYING METHODS: All plane table positions were determined by three-point fixes.

T-892

Hydrographic Control

DETAILED DISCUSSION OF SHORELINE CHANGES SURVEYED:Starting
at the

south end of the sheet, Lat. $37^{\circ}49'15''$, Long $122^{\circ}18'15''$, slight shore line changes were rodded in. These changes are in low marshy ground of a changeable nature. All other changes below lat. $37^{\circ}50'10''$ are shown on sheet T-5670, and are discussed in the descriptive report that accompanies that sheet.

Three additional duck blinds were located in vicinity Lat. $37^{\circ}50'12''$, as well as yellow and black lighted navigation buoy "6" marking the east boundary of the restricted seaplane area.

An area of new fill was rodded in as shown in vicinity Lat. $37^{\circ}50'14''$, Long. $122^{\circ}17'18''$. The four beacons shown in blue are no longer in existence and no structures visible at high water at their old locations.

Pipeline shown in blue at Lat. $37^{\circ}51'13''$ no longer exists and is now a row of piling.

Additional detail was rodded at the Berkeley Yacht Harbor, Lat. $37^{\circ}51'19''$, as shown. This amounted to wooden walks, slips, and dolphins. The positions of the three Berkeley Yacht Harbor navigation lights were checked and found to be correct as shown in blue.

The most prominent land marks already in existence that will be useful as signals for the hydrography were identified and the previous positions checked. Such objects are indicated by the standard topo station symbol, a red circle. The positions of these signals were all obtained by at least three good cuts from strong plane table positions. Some of the objects previously located shown in blue, could not be identified from the location of the setups which were all near the shore line. These objects were not inspected from an off shore position at this time.

Respectfully submitted

E. E. Stohsner
E. E. Stohsner
Aid, USC&GSurvey

Approved and forwarded:

L. D. Graham
L. D. Graham
Commanding Officer
Ship Pioneer

*No review by the Hydrographic Survey
Section is necessary
R.H. Carstens 6/13/46*

T6896

378223

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No.

16892

Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

A

B

C

D

E

F

G

H

K

San Francisco Bay

East Bay Bridge Approach

Berkley Yacht Harbor

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Names ordered alphabetically
by Heck 12/30/82

T6892

Control

FORM M-238

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOGRAPH~~

~~No. T~~

No. T 6892

received Nov. 23, 1942
registered Dec. 16, 1942
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
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RETURN TO

82	R.W. Knox
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✓ R.W.K.

NAUTICAL CHARTS BRANCH

SURVEY NO. T-6892

Record of Application to Charts

[illegible]

M.2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.