

6517

U. S. COAST & GEODETIC SURVEY
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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
R.S. Patton, Director	
<div></div>	
State: California	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. Q
LOCALITY	
Yellow Bluff	
San Francisco Bay	
19236-37	
CHIEF OF PARTY	
F. H. Hardy	

GOVERNMENT PRINTING OFFICE

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEYU. S. COAST & GEODETIC SURVEY
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MAR 16 1937

Acc. No. _____

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 QREGISTER NO. **T6517**State CaliforniaGeneral locality San Francisco BayLocality Yellow BluffScale 1:10,000 Date of survey December 21, 1936 & January 29, 1937Vessel U.S.C. & G.S.S. GUIDE,Chief of Party F. H. HardySurveyed by L. W. SwansonInked by L. W. Swanson

Heights in feet above _____ to ground to tops of trees

Contour Approximate contour Form line interval _____ feet

Instructions dated June 1, _____, 1936

Remarks: _____

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC FIELD SHEET Q
Vicinity of Yellow Bluff Point
San Francisco Bay

INSTRUCTIONS:

Instructions for this work are dated June 1, 1936.

AREA SURVEYED:

This work is a small area in the vicinity of Yellow Bluff, San Francisco Bay. It was done to locate signals for the wire drag work in this vicinity. The shoreline and light on Yellow Bluff Point were also run in.

CONTROL:

The following objects located by triangulation were used for the control of this survey. Point Stuart Lighthouse 1929, Point Knox Lighthouse 1928, Point Blunt Light 1916, Alcatraz Lighthouse 1910-1932, Black Point Stack 1916 and Range 1931.

SURVEY METHODS:

This survey was made in accordance with standard practice prescribed by the Topographic Manual. Resection was used for all this work.

AID TO NAVIGATION:

Light - Yellow Bluff. This has been forwarded on Form 567.

STATISTICS:

Statute miles of topography 0.6

Area 0.3 square statute mile.

NOTE ON ALUMINUM MOUNTED SHEET:

This work was accomplished on an aluminum mounted sheet which has blistered or perhaps corroded on either side of the aluminum sheet. A shipment of twelve such sheets were in this condition when received from the Washington Office.

Not serious on this particular sheet - C.K.G.

Respectfully submitted,

L. W. Swanson
L. W. Swanson,
Jr. H & G Engineer,
C. & G. Survey.

Forwarded and approved:

F. H. Hardy
F. H. Hardy, Chief of Party, C. & G. S.,
Commanding Ship GUIDE.

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No. T-6517

GEOGRAPHIC NAMES		On Chart No. 5532		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		USCP
Name on Survey		A	B	C	D	E	F	G	H	K								
<u>Yellow Bluff</u>		✓	T-2243	✓														1
<u>San Francisco Bay</u>		✓ appd																2
<u>California</u>		✓																3
<u>Alcatraz I</u>		✓	T-338	✓												✓		4
<u>Pt Blunt</u>		✓	T-2243	✓									✓			✓		5
<u>Pt Knox</u>		✓		✓									✓			✓		6
<u>Pt Stuart</u>		✓		✓									✓			✓		7
<u>Angel I</u>		✓	T-361	✓												✓		8
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Names underlined in red approved

by SAE on 3/25/37

M 234

Names underlined in red approved

by SAE on 3/25/37

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~NO. 11~~

No. T #6517

received Mar. 16, 1937
registered Mar. 24, 1937
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	C. K. Green
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REVIEW OF TOPOGRAPHIC SURVEY No. 6517 (1936-37)

Title (Par. 56)

Chief of Party *F.H. Hardy* Surveyed by *L.W. Swanson* Inked by *L.W. Swanson*Ship *Guide* Instructions dated *June 1, 1936* Surveyed in *Dec. 1936, Jan. 1937.*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.)
2. The character and scope of the survey satisfy the instructions. ✓
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. ~~The amount of vertical control that the Manual specifies for contours-formlines was accomplished.~~ (Par. 18, 19, 20, 21, 22, 23.)
5. ~~The delineation of contours-formlines is satisfactory.~~ (Par. 19, 20.)
6. ~~There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts.~~ (Par. 20.)
7. ~~High water line on marshy and mangrove coast~~ is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
8. The representation of low water lines, ~~reefs~~, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) ✓ *see attached sheets*
 a. *The shoreline shown on the charts as well as the* (over)
10. ~~The span, draw and clearance of bridges are shown.~~ (Par. 18c.)
11. ~~Locations and elevations of summits are given.~~ (Par. 19, 21.)
12. ~~The tree line was shown on mountains.~~ (Par. 18g.)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

shorelines on T-321 (1850), T-359 (1852), and T-2243 (1895) are not in good agreement with the present representation. The greatest difference appears in the vicinity of Yellow Bluff.

b. The group of rocks (not charted) making out from Yellow Bluff on previous topographic surveys are not shown on the present survey. Examination of the prior surveys in this area shows that no cuts were taken on these rocks and in all probability are only a generalization of the rocks in this area. This is partly borne out by the fact that several of the outermost rocks on T-321 (1850) fall on H-3968 W.D. (1936) in an area covered by the drag with a 10 foot effective depth. This is further borne out by the fact that ~~the~~ no obstacles were encountered when the launch was ^{well inshore} towing the inshore limits of the drag.

c. The charted sunken rock north of Yellow Bluff originates with T-2243 (1895) and is being carried forward.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
No list of plane table sections submitted.
14. ~~The descriptive report also contains additional information required in aere-topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMS and DPs, 68.) *No Forms 524 submitted.*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *No mention in the D.R. that the declination was checked* ✓
18. The geographic datum of the sheet is 1927 N.A. and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate. *No contemporary surveys. This was a special examination and no surveying work was done in this area at this time.*
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) ✓
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report, ~~after review by~~ ✓
24. Remarks:

Reviewed in office by *B. Risegari May 15 1937.*
Inspected by A. L. Shadoff.

Examined and approved:

C. H. Green
 Chief, Section of Field Records

Raymond B. Egan
 Chief, Section of Field Work

K. T. Adams
 Chief, Division of Charts

W. H. Hude
 Chief, Division of Hyd. and Top.