

6515

U. S. COAST & GEODETIC SURVEY
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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. _____
~~#####~~ } Field No. G

State CALIFORNIA

LOCALITY

Northern California

~~NORTH COAST~~

~~NORTH OF SHELTER COVE~~

Horse Mountain to Shipman Creek

193 5

CHIEF OF PARTY

F. H. HARDY

U. S. GOVERNMENT PRINTING OFFICE: 1934

6515

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

U. S. COAST AND GEODETIC SURVEY
MICROFILM RECORDS

REG. NO.

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 G

REGISTER NO. **T6515**

State CALIFORNIA

General locality ~~NORTH COAST~~ Northern California Coast

Locality ~~NORTH OF SHELTER COVE~~ Horse Mountain to Shipman Creek

Scale # 1:10,000 Date of survey September & October 19 35

Vessel U.S.C. & G.S.S. GUIDE

Chief of Party F. H. Hardy

Surveyed by Max G. Ricketts

Inked by Max G. Ricketts

Heights in feet above high water to ground #####

Contour Approximate ##### Form line interval 100 feet

Instructions dated May 2nd, 19 35

Remarks: _____

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET G-1935
Project No. HT-206

U.S.C. & G.S.S. GUIDE

F. H. Hardy, Commanding

Season of 1935

INSTRUCTIONS

Director's instructions dated May 2, 1935. ✓

LIMITS

This sheet covers the shoreline of the North Coast of California from WYMAN 2 to a point about 1/2 mile northwest of SHIPMAN CREEK. ✓
Junction at the south end is with Sheet F-1935 and at the north end is with Sheet H-1935.

DESCRIPTION

This section of the coast line is backed by steep mountains which rise abruptly from the beach to heights of 2000 to 2900 feet. These are covered with scattered timber and dark green brush and are deeply scarred by the gullies of Shipman, Buck and Gitchell creeks as well as several additional small creeks. There are no prominent features in this vicinity. ✓
A sand and gravel beach extends throughout the entire length of the sheet and is bordered by scattered small rocks close inshore.

CONTROL

The control for this sheet is furnished by the 1930 scheme of coastal second order triangulation. ✓

SURVEY METHODS

The usual methods of plane table topography were used on this sheet. A traverse from WYMAN 2 to the north end of the sheet at Topographic Signal DON. This traverse was checked at MID, error 5 meters, and at SHIPMAN CREEK, error 4 meters, no adjustment made. Cuts were taken from all triangulation stations to furnish additional control for this traverse. ✓
From SHIPMAN CREEK north to DON, the position of DON was transferred to Sheet H-1935 and the traverse carried on to close at BIG FLAT 2, error 3 meters not adjusted. All offshore detail was located by the intersection of at least three cuts. Check elevations were taken where visibility permitted for the revision of form lines.

COMPARISON WITH PREVIOUS SURVEYS

This sheet covers the area previously surveyed in 1871 on sheets T-1237 and T-1238. One discrepancy which was common to all the 1871 sheets resurveyed during 1935 is the lack of definition between the high water and MLLW rocks. This has occasioned a general revision of the rocks. The shoreline agreement is in general good. There are slight discrepancies from the mouth of Buck Creek on to the north end of the sheet. Shoreline and rocks as shown on this 1935 sheet should be charted as they define existing conditions of this section of coast.

Discrepancies warranting special attention:-

(1) Latitude $40^{\circ} 05'.5$ to $40^{\circ} 06'$ -- Numerous inshore rocks have been located on this sheet which were not previously shown. The high water line at the mouth of Gitchell Creek has been revised slightly. This section should be charted as shown on this 1935 sheet.

(2) Latitude $40^{\circ} 06'.3$ -- Five high water rocks are shown on Sheet T-1237. This group has been revised to correctly show the position and character of these rocks. Charting should be as shown on this 1935 sheet.

(3) Latitude $40^{\circ} 06'.7$ -- Three high water rocks are shown on Sheet T-1237. After careful examination this group has been revised and correctly shows position and character of this group, only one high water rock and numerous MLLW rocks being shown. Charting should be made as shown on this 1935 sheet.

(4) Latitude $40^{\circ} 06'.3$ to $40^{\circ} 06'.7$ -- Numerous small rocks not previously shown are located on this 1935 sheet and should be charted.

(5) Latitude $40^{\circ} 07'$ to $40^{\circ} 07'.1$ -- A general revision of the rocks off this point just north of Shipman Creek has been made. Although this area was closely inspected on a 1 foot tide with moderate swell, no indication of the highwater rock previously shown as the farthest offshore was noted. This rock should be removed from the chart and the rocks about this point charted as shown on this 1935 sheet. *Sunken rocks found on H-6162 (1936) 100 meters southwest leads to belief that this rock may exist. It has been carried forward as a rock awash.*

(6) Latitude $40^{\circ} 07'.2$ -- The two outer high water rocks of this group were not sighted although this section was carefully examined on a 1 foot tide moderate swell no indication was sighted. These two rocks should be removed from the chart and entire group charted as shown on this 1935 sheet without further reference to Sheet T-1238. *Outermost rock carried forward as T-6516 (1935) as a rock awash.*

Minor revisions of the form lines have been made just north of Gitchell Creek and on the south side of Buck Creek.

LANDMARKS FOR CHARTS

No landmarks for charts are submitted for the area covered by this sheet. ✓

RECOVERABLE TOPOGRAPHIC STATIONS

Descriptions of stations are submitted on Form No. 524 for the following topographic stations: SHAK, DOE, BUCK, FALL, MAN and DON. ✓

LIST OF NAMES

Well established names:- Gitchell Creek, Buck Creek and Shipman Creek. ✓

MISCELLANEOUS

The tracing used in transferring sheets T-1237 and T-1238 to this sheet is forwarded with this report. Discrepancies as previously taken up have been indicated on this tracing. ✓

STATISTICS

Statute Miles of Shoreline - - - - - 4.7

Magnetic Meridians - - - - - 1

Elevations - - - - - 9

Respectfully submitted,

Max G. Ricketts
Max G. Ricketts,
Jr. H & G Engineer,
C. & G. Survey.

Approved and forwarded:

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

*This work done from camp at
Buck Creek, transportation of camp gear
& signal building material by team hired
from Donald Etter, Shelter Cove.*

WJR

Remarks

Decisions

1		
2		see H-6162
3		see H-6169
4		see H-6168
5		see T-5614
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GEOGRAPHIC NAMES

Survey No. T-6515

Name on Survey	On Chart No. 5602		On previous survey No. T-1237		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							
State of <u>California</u>											1
<u>Shipman Creek</u>	✓ app'd			D.R. Pg. 3							2
<u>Buck Creek</u>	✓ app'd			D.R. Pg. 3							3
<u>Gitchell Creek</u>	✓ app'd			D.R. Pg. 3							4
<u>Horse Mountain</u>	✓ app'd										5
<u>Pacific Ocean</u>											6
<u>Fire Hill</u>	✓	✓									7
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<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Names underlined in red approved by <u>lyte</u> on <u>3/20/37</u> </div>											25
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											27

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

~~NO. T~~
No. T

No. T -6515

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. 6515 (1935)

Title (Par. 56) Horse Mountain to Shipman Creek, Northern California Coast, Calif.

Chief of Party F.H. Hardy Surveyed by M.G. Ricketts Inked by M.G. Ricketts

Ship GUIDE Instructions dated May 2, 1935. Surveyed in Sept.-Oct., 1935.

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 ~~con-~~
~~tours-formlines-~~ was accomplished. (Par. 18, 19, 20, 21, 22, 23.) ✓
5. The delineation of ~~contours-formlines-~~ is satisfactory. (Par. 49, 50.) *Formlines were transferred to the present survey from prior surveys and a number of check elevations taken as called for in the instructions. Necessary adjustments were made by the field party.* ✓
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. 28.) *None submitted.*
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.) *Rocks are shown as being 6 and 7 feet at MLLW with a range of tide of 5 1/2 feet. These have been transferred to the hydro survey as rocks awash. In outstanding cases they are noted on the hydro survey as "awash at MHW and an appropriate note placed on the present survey. In other cases the note is simply omitted from the hydro survey.* ✓
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) *See reverse side.* ✓
10. ~~The span, draw and clearance of bridges are shown.~~ (Par. 16c.)
11. ~~Locations and elevations of summits are given.~~ (Par. 19, 51.)
12. ~~The tree line was shown on mountains.~~ (Par. 16g.)

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.

Paragraph 9.

Comparison with Previous Surveys.

T-1237 (1871), T-1238 (1871).

The Descriptive Report contains an excellent discussion of differences with the present survey. Paragraph 5, page 2, recommends that the high water rock shown in Lat. $40^{\circ}07.0'$, Long. $124^{\circ}09.0'$ on T-1238 (1871) be omitted from the present survey. It has been carried forward ^{as a rock awash} because a sunken rock was found 100 meters southwest of it on H-6162 (1936).

Within its limits, the present survey supersedes the following surveys for charting purposes except for formelines:

T-1237 (1871) in part.

T-1238 (1871) in part.

Comparison with Chart No. 5602.

This chart is on too small a scale to make a comparison of inshore detail of any value.

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.) ✓
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.) ✓
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *No landmarks submitted for this area.* ✓
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *There is no evidence that the declinator was checked. The declination shown on this survey agrees with the charted value.* ✓
18. The geographic datum of the sheet is N.A. 1927 and the reference station is correctly noted. (Par. 34.)
19. Junctions with contemporary surveys are adequate. ✓
*Joins F-6514 (1936) on the north and F-6516 (1935) on the south.
T-6516 (1935) T-6514 (1935)*
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 *J. A. Mc Cormick, July 16, 1937.*

Examined and approved:

acting *John A. Bond*
Chief, Section of Field Records
L. O. Lobert
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work
W. H. G. G. G.
Chief, Division of Hyd. and Top.