

6435

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1923

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: Washington

DESCRIPTIVE REPORT

Topographic } Sheet No. C
Hydrographic }

LOCALITY

Puget Sound

* Dash Point to
? Three Tree Point? to Dash Point
or Pulling Pt?

1935.

CHIEF OF PARTY

Jack Senior.

U. S. GOVERNMENT PRINTING OFFICE: 1923

+ referred USFEN

6435

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 No. "C" 6435

REGISTER NO.

State Washington

General locality Puget Sound

Locality ~~Vicinity of Robinson Point.~~ Dosh Pt. to Three Tree Pt.

Scale 1:20,000 Date of survey March, 1935.

Vessel U.S.C. & G.S.S. EXPLORER

Chief of Party Jack Senior

Surveyed by Edwin C. Baum

Inked by Edwin C. Baum

Heights in feet above M.H.W. to ground ~~to tops of trees~~

~~Contours~~, Approximate contour, ~~Forming~~ interval 50 feet

Instructions dated March 29, 1934.

Remarks:

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET "C"

PUGET SOUND - WASHINGTON

1 9 3 5

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Jack Senior, Chief of Party, C. & G. S.

DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "C - 1935"

PUGET SOUND - WASHINGTON.

AUTHORITY:

Survey was executed in accordance with the Director's Instructions, dated March 29, 1934, Project H.T. - 171.

LIMITS:

The area surveyed extends from Three Tree Point (shown as Pulley Point on Chart 6460) southward to Dash Point and on adjacent shore from a point directly opposite Three Tree Point (same latitude) southward to Piner Point.

GENERAL DESCRIPTION:

From shipboard the entire area appears as a flat top plateau of approximately 300 to 400 feet elevation. Rising immediately from the shore with frequent eroding dirt bluffs, of varying heights, the topography is heavily wooded with both pine and deciduous trees occasionally giving way to indeterminate valleys.

CONTROL:

Triangulation control points executed during seasons of 1921, 1934 and 1935, and based on North American 1927 datum were used.

SURVEYING METHODS:

Standard plane table survey methods were used. Topographic signals were cut in from triangulation stations on the opposite shore and checked by traversing between control points.

No errors were found.

All off-lying features were rodged in.

CONTOURS:

Obtaining contours constituted one of the most trying problems in the execution of the topography. Due to the wooded nature of the country extreme caution had to be exercised in estimating the heights of trees. Tree heights varied up to 175 feet depending on whether the particular section was second growth or virgin timber.

The contours west of Robinson Point shown by dash lines were filled in while executing topography in Whollachet Bay.

DOCKS:

The dock at Dash Point and the Standard Oil dock in Tramp Harbor immediately south of topographic signal "BET" are the only two serviceable landings in this area. The dock at Lakota is condemned and blocked off for use. The remaining docks as shown on Chart No. 6460 are in ruins, only piling remaining.

COMPARISON WITH CHART NO. 6460:

Comparison with Chart No. 6460 showed no important changes in shoreline detail. In general the contours compare favorably.

TOPOGRAPHIC SIGNALS:

Except as noted on sheet, all topographic signals shown outside of highwater line are targets attached to stumps, fallen trees and etc., and are not of a permanent nature.

CABLE CROSSING:

As shown on topographic sheet.

GEOGRAPHIC NAMES

Chart Name	Local Name	Source from which information was obtained.	Recommended name.
Pulley Point "Pulley" <i>old</i>	Three Tree Point	All road maps and highway signs give Three Tree Point as name. Inhabitants of this Point had no knowledge of whereabouts of Pulley Point, but all knew Point as Three Tree Point.	It is strongly recommended that this name be changed to Three Tree Point. <i>R</i>
Dash Point	Dash Point	Chart, road maps, highway signs and inhabitants.	Dash Point.
Piner Point	Piner Point	Chart, verified by inhabitants.	Piner Point.
Robinson Point	Robinson Pt.	Chart, verified by lighthouse keeper.	Robinson Point.
Heyer Point	Heyer Point	Chart	Heyer Point.
Puget Sound as indicated on sheet.	East Passage	The Chart shows no name for water area to east of Vashon Island. Locally known as East Passage by mariners and inhabitants. Colvas Passage to west of Vashon Island is likewise known as West Passage.	Since this area has no charted name it is recommended to designate same as East Passage due to local usage.
Poverty Bay	Poverty Bay	Name was taken from chart. This area is not locally known by any name.	Poverty Bay.
Not named.	Dumas Bay	Inhabitants know this bight as Dumas Bay.	Dumas Bay.
Tramp Harbor	Tramp Harbor	Tramp Harbor as given on chart was verified by inhabitants.	Tramp Harbor

Des Moines ✓	Des Moines ✓	✓	Chart name verified by residents. ✓	Des Moines ✓
Zenith ✓	Zenith ✓	✓	Chart name verified by residents.	Zenith ✓
Not named.	Salt Water Grove Park ✓	✓	This resort is known as Salt Water Grove Park by the residents.	Salt Water Beach Park ✓
Redondo	Redondo	✓	Chart name verified by residents.	Redondo
Not named.	Lakota	✓	Name verified by residents.	Lakota
Maury		✓	No information obtained.	Maury
Portage	Portage	✓	Name verified by storekeeper, road maps and highway signs.	Portage
Ellisport	Ellisport	✓	Name verified by residents, road maps and highway signs.	Ellisport

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TO ACCOMPANY TOPOGRAPHIC SHEET "C"

Pulley Point Light (2 lights on the same platform) located by L. C. Wilder, April 7, 1936, by sextant and tape from triangulation station "PULLEY - 1921", as follows:

At triangulation station "PULLEY"

Light to Pt. Robinson Light - $118^{\circ}05'$

Light to triangulation station "SWAMP" - $69^{\circ}46'$
(Clockwise)

Distance - 10.8 meters.

Plotting on topographic sheet checked by R. J. Sipe.

Respectfully submitted,

A handwritten signature in cursive script, reading "Edwin C. Baum".

Edwin C. Baum,
Jr. H. & G. Engr., C. & G. S.,
U.S.C. & G.S.S. EXPLORER.

Approved and forwarded:

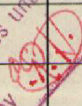
A handwritten signature in cursive script, reading "Jack Senior".

Jack Senior,
Commanding Officer,
U.S.C. & G.S.S. EXPLORER.

GEOGRAPHIC NAMES Survey No. 6435

GEOGRAPHIC NAMES											
Survey No. 6435											
Name on Survey											

R - referred to USBGN

Names underlined in red approved
by 
on 5/21/36

MEMORANDUM

IMMEDIATE ATTENTION

~~SURVEY~~
~~DESCRIPTIVE REPORT~~
~~PHOTOSTAT OF~~

~~No. H~~

No. T 6435

{ received APR 17 1936
 registered MAY 18 1936
 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
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
✓ 83	Passmore	llh	page 5, D. R.
88			
90			

RETURN TO

82	
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C. K. Greer

REVIEW OF TOPOGRAPHIC SURVEY No. 6435

Title (Par. 56) *Dash Pt. to Three Tree Point, Wash.*Chief of Party *Jack Senior* Surveyed by *E.C. Baum* Inked by *E.C. Baum*Ship *Explorer* Instructions dated *Mar. 29, 1934* Surveyed in *March, 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.)
No closures listed
4. The amount of vertical control that the Manual specifies for -contours-~~fermlines~~ was accomplished. (Par. 18, 19, 20, 21, 22, 23.) ✓
5. The delineation of -contours-~~fermlines~~ is satisfactory. (Par. 49, 50.) ✓
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.) ✓
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

T1452-a-b (1876-7)

These surveys are in good agreement with the present survey (6435) in general. Due to a lapse of 60 years between the two surveys the detail on the present survey is somewhat different. The main differences are man-made such as docks and piling.

T3152 (1910-11)

This sheet is composed of a number of tracings giving bearings from one point or object to another and is of no value in making a comparison with the present survey. T6435 supersedes T1452-a-b and T3152 in part.

A comparison with Chart 6460 showed no important changes in shoreline detail.

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 aero-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.) *None submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ~~None~~ *submitted*
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *Declination checks value shown on chart*
No note of having checked declina toire
18. The geographic datum of the sheet is *N.A. 1927 (Adjusted)* and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate. ✓
Joins T6266(1934) on the North
Joins T6444(1935) and T6441(1935) on the South.
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 *Chas. R. Bush Jr.* June 27/1936

Examined and approved:

E. H. Green
Chief, Section of Field Records
L. O. Lobert
Chief, Division of Charts

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