

6439

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. E - 1935
Hydrographic }

LOCALITY

Puget Sound - Colvos Passage

Vicinity of Olalla.

1935.

CHIEF OF PARTY

Jack Senior.

U. S. GOVERNMENT PRINTING OFFICE: 1923

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. E

REGISTER NO.

State Washington

General locality Puget Sound - Colvos Passage

Locality Vicinity of Olalla

Scale 1:10,000 Date of survey April, 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~~

~~Contour~~, Approximate contour, ~~Form line~~ interval 50 feet

Instructions dated March 29, 1934.

Remarks:

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET "E"

PUGET SOUND - WASHINGTON

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

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET "E - 1935"
PUGET SOUND - WASHINGTON.

AUTHORITY:

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

LIMITS:

This survey includes both sides of Colvos Passage from a parallel one and one quarter miles north of Olalla southward to a parallel through Richmond Point.

GENERAL DESCRIPTION:

Colvos Passage, ^{and extending} one mile wide, in a north and south direction separates Vashon Island from the mainland. Heavily wooded hills rise abruptly to approximately four hundred feet elevation to form a flat plateau appearance from shipboard in agreement with the surrounding topography.

Inshore from Olalla a small lagoon, mud bottom and dry at mean lower low water extends in an southeast and northwest direction.

Most of the dwellings in this area are inhabited by summer residents.

CONTROL:

Triangulation stations based on North American 1927 datum were used for control. These stations as noted on topographic sheet were established and marked 1934. The observations were executed during the season of 1935.

SURVEY 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 rodded in.

CONTOURS:

Due to the wooded nature of the country extreme caution had to be exercised in estimating the heights of trees, which varied up to approximately 175 feet. Trees appearing to be on the top of ridges were actually found to be far down the slopes, causing confusion.

TOWNS:

Olalla a small village on the west shore of Colvos Passage affords a dock in good condition, a store and gasoline station.

Maplewood, Sandford, and Lisabeula, are inhabited mainly by summer residents.

DOCKS:

Except as noted all docks are in a serviceable condition.

COMPARISON WITH CHART NO. 6460:

No changes of importance were found.

No evidence was found of dock at Sandford as shown on chart.

Contours as obtained from this survey do not agree as to heights or position with those shown on existing charts.

Cognizance was taken of these differences with regard to analyzing discrepancies. No acceptable deductions were determined.

ROCKS AND LOW WATER LINE:

No rocks were found.

The low water line was transferred from smooth hydrographic sheet. See topographic report "G - 1935", Quartermaster Harbor, paragraph on "Rocks and Low Water Line".

TOPOGRAPHIC SIGNALS:

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

GEOGRAPHIC NAMES

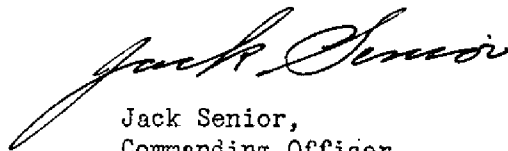
Chart Name	Local Name	Source from which information was obtained.	Recommended name.
Vashon Island	Vashon Island	✓ All information verifies chart name.	Vashon Island.
Richmond Point	Richmond Pt.	✓ Inhabitants of passage verified name.	Richmond Point.
	Maplewood	✓ Sign on dock, resident.	Maplewood.
Olalla	Olalla	✓ Road signs, local maps, residents.	Olalla.
Lisabeula	Lisabeula	✓ Sign on dock, local maps, residents of resort.	Lisabeula.
Sandford Point	Sandford Pt.	✓ Inhabitants of passage verified name.	Sandford Point.
Colvos Passage	West Passage	✓ This passage is locally known as West Passage by resident of passage as well as sea faring men of the sound.	West Passage.

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.

Remarks

Decisions

1	<i>sometimes known as West Passage</i>	<i>Colvos Passage</i>
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GEOGRAPHIC NAMES

Survey No. 6439

GEOGRAPHIC NAMES											
Survey No. 6439											
Name on Survey	On Chart No. 6463										
	A	B	C	D	E	F	G	H	K		
Colvos Passage ✓	*			—			—			1	
Sandford ¹⁸⁹⁹ Pt. Sandford ✓	*			—					●	2	
Lisabeula ✓	*			—		—	—			3	
Vashon Island ✓	*			✓			—			4	
Richmond ¹⁸⁹⁹ Pt. Richmond ✓	*			—						5	
Maplewood ✓	*			—	✓					6	
Olalla ✓	*			—	✓	✓				7	
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Names indexed in red approved
by C. A. D. on 5/24/36

M 234

Names underlined in red approved
by C. P. D.
on 5/24/36

MEMORANDUM

IMMEDIATE ATTENTION

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

~~No. H~~
 No. T **6439**

{ 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
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C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6439 (1935) Field No. "E"

Title (Par. 56) *vicinity of Olalla, Puget Sound Colvos Cove, Washington*Chief of Party *C. Senior* Surveyed by *E.C. Baum* Inked by *E.C. Baum*Ship *Explorer* Instructions dated *Mar. 29, 1934* Surveyed in *Apr. 1935*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) *except that the low water line was in general transferred from H-5930 (1935) and H-5931 (1935). This practise is not in accordance with the Topo. Manual.*

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. 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.)~~

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.) *Low water line was transferred from contemporary hydrographic survey, see Desc. Rep. page 2.*

9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) ✓

From lat. 47° 24' to lat. 47° North limits of sheet. Compared with H-5931 (1935) south of lat. 47° 24' by R.J.B., Jan. 19, 1937.
The charted X at Olalla was not verified. This matter fully discussed in Review H-5930 par. 8(3) G.R.

10. ~~The spans, draw and clearance of bridges were shown. (Par. 16c.)~~

11. Locations and elevations of summits are given. (Par. 19, 51.) ✓

12. ~~The tree line was shown on mountains. (Par. 18g.)~~

The entire area is wooded.

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.

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.) *No "Form 524" Cards received* ✓
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 evidence in the DR. that the declinatoire was checked.* ✓
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. ✓
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.) *The sand symbol is too heavy.* ✓
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

S. Risegari May 28, 1936
Inspected by R.J. Christman May 29, 1936

Examined and approved:

C. K. Green.
 Chief, Section of Field Records

L. O. Lobbut.
 Chief, Division of Charts

Fred L. Peacock
 Chief, Section of Field Work

G. H. de
 Chief, Division of Hyd. and Top.