

6438

U. S. COAST & GEODETIC SURVEY  
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Form 504  
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: Washington

DESCRIPTIVE REPORT

*Topographic*  
~~Hydrographic~~

Sheet No. "D"

LOCALITY

North end Colvos Passage

Puget Sound, Washington.

1935.

CHIEF OF PARTY

Jack Senior.

U. S. GOVERNMENT PRINTING OFFICE: 1921

6438

T

to Cht. 6460

Applied, May 13, 1937 K.R.

Applied to Chart 6446 Feb. 1, 1946 LAM

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEYU. S. COAST & GEODETIC SURVEY  
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APR 17 1936

REG. NO.

Acc. 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 "D" 6438

REGISTER NO.

State Washington  
General locality Puget Sound  
Locality Colvos Passage - North End<sup>24</sup>  
Scale 1:10,000 Date of survey April, 19 35  
Vessel U.S.C. & G.S.S. EXPLORER  
Chief of Party Jack Senior  
Surveyed by E. E. Smith  
Inked by E. E. Smith & Francis S. Butler  
Heights in feet above M.H.W. to ground ~~to top of ground~~  
Contour Approximate contour Form line interval 50 feet  
Instructions dated March 29, 19 34.  
Remarks:

DESCRIPTIVE REPORT

T-6438

TO ACCOMPANY TOPOGRAPHIC SHEET "D" - 1935,

NORTH END OF COLVOS PASSAGE.

LANDMARKS:

The only feature on this sheet of sufficient prominence is the spire of the white church in Cove, Washington, which is located by triangulation, and is five hundred meters east of the wharf.

CONTROL:

Triangulation was well provided so that position of table could nearly always be verified by resections and three point fixes.

CONTOURS:

Fifty foot form lines are sketched. Elevations were taken on tree tops in wooded areas and estimated tree heights deducted. The courses of tree-filled ravines and valleys could only be approximated through wooded hills.

NAMES:

✓ VASHON POINT: Used by Davidson in 1857 to denote the point on the east side of the north end of Colvos Passage. It is the northwest point of Vashon Island. See Chart No. 6460.

POINT SOUTHWORTH: The point on mainland side abreast of Vashon Point, and on the west side of the north end of Colvos Passage. See also Chart No. 6460. Used by Davidson in 1857.

✓ BILOXI: The landing 500 meters south of Vashon Point.

✓ FRAGARIA: The settlement on west side of Colvos Passage abreast of James Point. The post office in the building a few meters south of the wharf carries this name and it is lettered on the wharf house. See also chart No. 6460.

✓ COVE: ✓ The boat landing and settlement on east side of Colvos Passage at Latitude  $47^{\circ}27.3'$ . See Chart No. 6460.

✓ COMMAND POINT: The point on west side of Colvos Passage abreast of Cove, Washington. This name was used by Davidson in 1857 and is locally known.



✓ COLVOS: The wharf three hundred meters northeast of triangulation station "PT. PETER 2", has this name lettered on it. See also chart No. 6460.

✓ PT. PETER: The point where the triangulation station of this name is located, on east side of Colvos Passage two miles south of its north end. This name was used by Davidson in 1857. See also chart No. 6460.

✓ VIEWPARK: The boat landing on west side of Colvos Passage abreast of Point Peter.

✓ JAMES POINT: On the east side of Colvos Passage three and five eighths miles south of Vashon Point and half mile north of Cove. Name used by Davidson in 1857.

Respectfully submitted,



E. E. Smith,  
Surveyor, C. & G. Survey.

APPROVED AND FORWARDED:



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

STATISTICS

Shoreline, statute miles..... 12.3

Area, square statute miles..... 4.0

## Remarks

## Decisions

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# GEOGRAPHIC NAMES

Survey No. **6438**

On Chart No. **6460**  
 On previous survey No. **(1857)**  
 On U. S. quadrangle Maps  
 From local information  
 On local Maps  
 P. O. Guide or Map  
 Rand McNally Atlas  
 U. S. Light List  
**T6438**

Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Command Pt.</u> ✓	*									1
<u>Fragaria</u> ✓	*									2
<u>View Park</u> ✓	*									3
<u>Point Southworth</u> ✓	*		✓							4
<u>Cove</u> ✓	*			✓						5
<u>James Pt.</u> ✓		✓		✓					*	6
<u>Point Peter</u> ✓	*		✓	✓						7
<u>Colvos</u> ✓	*			✓						8
<u>Fern Cove</u> ✓	*			✓						9
<u>Biloxi</u> ✓	*			✓						10
<del>Vashon</del> <u>Pt. Vashon</u> ✓	*		✓	✓						11
<u>Colvos Passage</u> ✓	*			✓						12
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Names underlined in red approved  
 on 5/24/36  
 by **[Signature]**

# MEMORANDUM

## IMMEDIATE ATTENTION

~~SURVEY~~  
 DESCRIPTIVE REPORT } ~~No. H~~  
~~PHOTOSTAT OF~~ } No. T **6438**

{ 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			
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RETURN TO

82	
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C. K. Green



## REVIEW OF TOPOGRAPHIC SURVEY No. 6438 (1935) Field No. D

Title (Par. 56) Colvos Passage-North End, Puget Sound, Washington

Chief of Party J. Senior Surveyed by E.E. Smith Inked by E.E. Smith, F.S. Butler

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 the low water line was transferred from H-5930 (1935) to this survey. This practice 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. 20.)~~ *None were 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.) *Low water line was transferred from contemporary hydrographic survey, see Desc. Rep. of T-6441 (1935)*
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) ✓  
*Entire area examined in connection with review of H-5930 (1935)*  
*(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.)~~  
*the entire area is wooded where indicated by tree symbols.*

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.



Page 1  
REVIEW OF TOPOGRAPHIC SURVEY NO. 6438 (1935)  
This (Par. 26) is a copy of the original report of the  
Chief of Party, Surveyed by E. Smith, taken by E. Smith, 1935.  
Instructions dated No. 1732, Surveyed in 1932.  
The survey and preparation for it conform to the regulations of the  
Topographic Manual (Par. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).  
Par. 9. The charted rock aush at Fragaria falls inside the low water line  
about 120 meters northwest of the bare rock shown on T-6438 (1935). The  
fact that it <sup>is only</sup> being ~~charted~~ in a reported position\* and <sup>since</sup> ~~that~~ no other  
outstanding rock was found on either the present hydro. or topo survey  
in this area, these rocks are considered to be the same rock.

\* Chart letter No. 663 of 1933

B.R. May 27, 1936.



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.) ✓
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 D.R. that the declination 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.) ✓
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 *E. Riegar* May 27, 1936.  
 Inspected by *R. J. Christman* May 29, 1936  
 Examined and approved:

*C. N. Green*  
 Chief, Section of Field Records  
*L. O. Colbat*  
 Chief, Division of Charts

*Fred. L. Peacock*  
 Chief, Section of Field Work  
*Stude*  
 Chief, Division of Hyd. and Top.