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.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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: Colvos Passage

Locality: Vicinity of Olalla

Scale: 1:10,000

Date of survey: April, 1935


Chief of Party: Jack Senior

Surveyed by: Edwin C. Baum

Inked by: Edwin C. Baum

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

Contour: Approximate contour, contour line interval: 50 feet

Instructions dated: March 29, 1934

Remarks:

...gro...
DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "E"

PUGET SOUND - WASHINGTON

1935

- o -

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

TO ACCOMPANY TOPOGRAPHIC SHEET "E - 1935"

FUGET 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, 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 1936.

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.
<table>
<thead>
<tr>
<th>Local Name</th>
<th>Chart Name</th>
<th>Source from which information was obtained</th>
<th>Recommended name</th>
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<tbody>
<tr>
<td>Vashon Island</td>
<td>Vashon Island</td>
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<td>Richmond Point.</td>
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<td>Maplewood</td>
<td>Maplewood</td>
<td>Inhabitants of passage verified name.</td>
<td>Olalla.</td>
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<tr>
<td>Olalla</td>
<td>Olalla</td>
<td>Sign on dock, local maps, residents.</td>
<td>Lisabella.</td>
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<td>Lisabella</td>
<td>Lisabella</td>
<td>Sign on dock, local maps, residents of resort.</td>
<td>Sanford Point.</td>
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<td>Sanford Point</td>
<td>Sanford Point</td>
<td>Inhabitants of passage verified name.</td>
<td>West Passage.</td>
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<tr>
<td>West Passage</td>
<td>West Passage</td>
<td>This passage is locally known as West Passage by resident of passage as well as sea faring men.</td>
<td>Colvos Passage</td>
</tr>
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Respectfully submitted,

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

Approved and forwarded:

Jack Senior,
Commanding Officer,
U.S.C. & G.S.S. EXPLORER.
<table>
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<th>Remarks</th>
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<td>Tashon Island</td>
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<td>Richmond Pt. Richmond</td>
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<td>Maplewood</td>
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<td>Olalla</td>
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Notes: Names underlined were approved on 12/31/93 by [Signature].
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. 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.

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RETURN TO
82

C. K. Green
REVIEW OF TOPOGRAPHIC SURVEY No. 6439 (1935) Field No. F

Title (Par. 56) vicinity of Olalla Puget Sound Colvos Cove, Washington

Chief of Party/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 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, 30, 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. 53.)

7. High water line on marsh and mangrove coast is clear and adequate for chart compilation. (Par. 18a, 43, 44.)

8. The representation of low water lines, rocks, coral-reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 42.) Low water line was transferred from contemporary hydrographic survey see Des. Rep. page 2.

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

10. The condition and elevation of bridges are shown. (Par. 16a.)

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

12. The tree line was shown on contours. (Par. 16g.) 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. 18d, e, 60.)

17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) No evidence on the OR sheet the declination was checked.

18. The geographic datum of the sheet is W.D. 1927 and the reference station is correctly noted. (Par. 34.)

19. Juncutions 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. Pietschmann May 28, 1936

Examined and approved:

E. F. Green
Chief, Section of Field Records

Fred L. Peacock
Chief, Section of Field Work

Chief, Division of Charts

Chief, Division of Hyd. and Top.