

6453

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. V - 1935

LOCALITY

Puget Sound

Drayton Passage

1935.

CHIEF OF PARTY

Jack Senior

U. S. GOVERNMENT PRINTING OFFICE: 1925

3456

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. V - 1935

REGISTER NO.

State Washington

General locality Puget Sound

Locality Drayton Passage

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

~~XXXXXX~~, Approximate contour, ~~XXXXXX~~ interval 50 feet

Instructions dated March 29,, 1934.

Remarks: _____

DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "V"

PUGET SOUND - WASHINGTON

1 9 3 5

- o -

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

- o -

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET "V - 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 includes both shores of Drayton Passage. On Anderson Island the topography begins at Otso Point and extends southward including Amsterdam Bay to a point one and three quarters miles southeastward of Treble Point. On the west shore the topography includes the southern-most bight in Filuce Bay and extends southward to Devils Head.

GENERAL DESCRIPTION:

Irregular shaped hills, heavily wooded with deciduous and evergreen trees, harmonize with the general character of the country. Here too, as found throughout the sound, steep dirt eroding bluffs of various heights are found along the greater part of the shoreline. Numerous indentations break the regularity of the shoreline and these usually are free from the ever present bluff line.

CONTROL:

Triangulation control points executed during seasons of 1924 and 1935, and based on North American 1927 datum were used.

SURVEYING METHOD:

Standard plane table survey methods were used. Topographic signals were cut in from triangulation stations on the opposite shore, where possible, and checked by traversing between control points. From Treble Point, southeastward ordinary traverse was run.

No errors were found.

All off-lying features were rodged in.

CONTOURS:

See Descriptive Reports "C - 1935" and "X - 1935", paragraph on Contours for explanations.

DOCKS:

Two small docks, privately owned, were found in Filuce Bay. These docks are in good condition.

COMPARISON WITH CHART NO. 6460:

No changes are noted.

The contours agree in general with this survey. Insufficient contours on chart prohibit a more detailed comparison.

TOPOGRAPHIC SIGNALS:

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

OTHER ITEMS:

A gray picturesque light house was constructed, on McDermott Point, by the owner. This structure, showing no light, makes an excellent landmark. It was located by triangulation (Lighthouse Tower, Lookout - 1935) during the present season.

A few houses, as shown, are located in Amsterdam Bay. Along the north shore and at head of this bay are scattered areas under cultivation.

The shoreline of Filuce Bay is dotted with houses. Most of the residents live here only in the summer.

ROCKS AND LOW WATER LINE:

Rocks, as shown and described on sheet, were located by the topographer.

The low water line was transferred from smooth hydrographic sheets.

GEOGRAPHIC NAMES


Chart name	Local name	Source from which information was obtained.	Recommended name.
Drayton Passage	Drayton Passage	Well established name.	Drayton Passage.
Filuce Bay	Filuce Bay Filucy Bay Longbranch Bay?	This bay is known locally by the three names in preceding column.	Filuce Bay
Amsterdam Bay	Amsterdam Bay	Well established name.	Amsterdam Bay.
	Mercier Lagoon	This information was furnished by residents of Lagoon.	Mercier Lagoon.
	McDermott Point	This point takes its name, from present owner, a wealthy, retired Seattle business man. In view of ruling regarding naming of geographic features after living persons, no recommendations are made.	McDermott Point
	Devils Head Spit	This spit is locally known as recommended and logically takes its name from Devils Head to southward.	Devils Head Spit.
Devils Head	Devils Head	Well established name.	Devils Head.
Otso Point	Otso Point	Well established name.	Otso Point.
Treble Point	Treble Point.	Locally known as Point Treble.	Treble Point.

Respectfully submitted,



Edwin C. Baum,
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.

Remarks

Decisions

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8	USRB. decision 5-14-41	
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GEOGRAPHIC NAMES

Survey No. 6453

GEOGRAPHIC NAMES		Survey No. 6453		On Chart No. 6460		On previous survey No. T1671		On U. S. quadrangle Maps		From local information		U.S. Wash. Geog. Names		On local Maps		P. O. Guide or Map		Rand McNally Atlas		U. S. Light List		Geog. Dict. Wash.	
Name on Survey		A	B	C	D	E	F	G	H	K													
<u>Drayton Passage</u> ✓		✓ *	✓			✓																1	
<u>Balch Passage</u> ✓		✓ *	✓			✓																2	
<u>Anderson Island</u> ✓		✓ *	✓			✓		✓														3	
<u>Treble Pt.</u> ✓		✓ *			✓																	4	
<u>Amsterdam Bay</u> ✓		✓ *			✓																	5	
<u>Mercier Lagoon</u> ✓		✓			✓														*			6	
<u>Otso Pt.</u> ✓		✓ *			✓	✓																7	
<u>Filacy</u>					✓	✓																8	
<u>Filacy Bay</u> ✓		✓ *			✓	✓																8	
<u>McDermitt Pt.</u> ✓		✓			✓														*			9	
<u>Devils Head Spit</u> ✓		✓			✓	✓													*			10	
<u>Devils Head</u> ✓		✓ *			✓	✓																11	
<u>Yoman</u> 6/25 ✓		✓ *									✓	✓										12	
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Names underlined in red approved by G.R.H. on 6/11/36

M 234

Names underlined in red approved
by *[Signature]* on 6/11/36

MEMORANDUM

IMMEDIATE ATTENTION

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

~~No. H~~

No. T

6453

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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RETURN TO

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C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6453

Title (Par. 56) *Drayton Passage, 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 *Sept. 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-formlines-~~ was accomplished. (Par. 18, 19, 20, 21, 22, 23.) ✓
See also Descriptive Reports T6435 and T6455
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.) *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.) *Low water line transferred from Hydrographic surveys. (See D.R. page 2)*
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

T1671 (1877-8)

This survey covers a small portion of the northern part of the present survey, T6453. T1671 is on a scale of 1:20,000 whereas the present survey is on 1:10,000. Due to the difference in scale the present survey is much more in detail than T1671. Rocks or boulders indicated on T1671 are well within the L. W. line on the present survey.

T1671-b (1910)

This revision survey of T1671 does not show any additional detail not shown on T1671.

T1672 (1878)

This survey covers the Southern portion of the present survey. It is on a scale of 1:20,000 whereas the present survey is on 1:10,000. The present survey is much more in detail than T1672. The small points at Devils Head Spit, Mercier Lagoon, Amsterdam Bay and South of Treble Point have changed somewhat and should be accepted as shown on the present survey. The general shoreline of the two surveys is in good agreement.

T6453 supersedes T1671-b, T1672 in part.

A comparison with chart 6460 showed no important changes in 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.)
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.) *5 Meridians shown - only one varies more than 1°
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 T 6449 (1935) and T 6450 (1935) on the North
Joins T 6454 (1935) on the South No junction on the West - Field Season ended*
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 29, 1936.*

Examined and approved:

C. K. Green
Chief, Section of Field Records

L. O. Lobbert
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

W. H. H. H.
Chief, Division of Hyd. and Top.