

6436

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 } Sheet No. "Y"  
~~Hydrographic~~

LOCALITY

Cass Inlet

Puget Sound, Washington.

1935.

CHIEF OF PARTY

Jack Senior.

U. S. GOVERNMENT PRINTING OFFICE: 1928

6436

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 Letter "Y"

REGISTER NO.

State WashingtonGeneral locality Puget Sound "Locality CASE INLET "Scale 1:20,000 Date of survey June - July, 19 35.Vessel U.S.C. & G.S.S. EXPLORERChief of Party Jack Senior,Surveyed by E. E. SmithInked by Francis S. ButlerHeights in feet above M.H.W. to ground ~~to tops of trees~~Contour Approximate contour Form line interval 50 feetInstructions dated March 29,, 19 34.

Remarks:

DESCRIPTIVE REPORT  
TO ACCOMPANY TOPOGRAPHIC SHEET "Y",  
CASE INLET, PUGET SOUND,  
SEASON OF 1935.

- o -

JACK SENIOR, CHIEF OF PARTY.

DESCRIPTIVE REPORT  
TO ACCOMPANY TOPOGRAPHIC SHEET "Y",  
CASE INLET, PUGET SOUND.

GENERAL:

The shores of this part of Case Inlet show few features of prominence. The bluffs rise from shoreline to elevations of 50 to 150 feet and back of this are ridges running parallel to shore at heights of 200 to 300 feet. The woods along the bluffs screen the gently sloping areas behind them.

LANDMARKS:

The large excavation back of triangulation station "HAMPTON 2" where gold mining is in progress is the best marked local feature and the white sand bluff 500 meters Southeast of triangulation station "NAN 2", is also prominent.

CONTROL:

Triangulation was amply provided. Traverses were not run independently but positions were continuously checked by resections and three point fixes.

CONTOURS:

Lines are sketched at 50 foot intervals along the shore and they are fairly reliable. The heights further back were obtained by deducting the estimated height of a tree from the elevation of its top. The valleys and ravines are so filled with trees that their windings can only be guessed and contours back from the shore depend on these guesses.

NAMES:

WILSON POINT:

The slight point on the west side of Case Inlet in Lat.  $47^{\circ} 12.4'$

WHITMANS COVE:

The lagoon on east side of Case Inlet in Lat.  $47^{\circ} 13.3'$ .

BUFFINGTONS LAGOON:

The small lagoon in the bight on the west side of Case Inlet  $3/4$  of a mile south of McMicken Island.

McMICKEN ISLAND:

The small Island in Case Inlet in Lat.  $47^{\circ}14.8'$  named for the Territorial Surveyor General who was appointed by Grant and served under three succeeding presidents. It is related that when the island was claimed for entry by a homesteader that the Surveyor General referred to his blueprints, then said "There is no such island". Nevertheless, his surveyors found what had been missed before. The name is known and used as shown on chart 6460.

HERRON ISLAND:

The island approximately half mile wide by one mile long in Case Inlet, at Lat.  $47^{\circ}16'$ . The island is held by one owner. There is one house on it. It was at one time the post office serving this part of Case Inlet and all customers reached it by boat. See chart No. 6460.

HERRON:

The boat landing on east side of Case Inlet at Lat.  $47^{\circ}16.6'$ . See chart No. 6460.

DOUGALL POINT:

The northeast point of Harstine Island. See chart 6460.

CASE INLET:

The inlet at the head of Puget Sound laying approximately along the meridian  $122^{\circ}50'$ . Known and used as shown on Chart 6460.

HARSTINE ISLAND:

The Island forming the west side of the south half of Case Inlet. Known and used as shown on Chart No. 6460.

Respectfully submitted,

*E. E. Smith*

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

APPROVED AND FORWARDED:

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

# STATISTICS

Shoreline, statute miles..... 23.7

Area, square statute miles..... 7.4

## Remarks

## Decisions

1	T1528 has "Case"	<u>Case</u>
2	● T1672 has "STEIN"	<u>stine</u>
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8	T1528 has "7" also see GGog. Dict. of Wash.	<u>Dougall</u>
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## GEOGRAPHIC NAMES

Survey No. **6436**

Name on Survey	A	B	C	D	E	F	G	H	K	
✓ Case Inlet ✓	*		-			-	-	✓		1
✓ <del>Hartstone</del> ✓ <del>Herstine Island</del> ✓	*	-	-		-	Revised decision	USRB 5/14/41			2
✓ Herron ✓	*	-						-		3
✓ Herron Island ✓	*			-		✓				4
✓ <del>Whiteman</del> ✓ <del>Whitman Cove</del> ✓				USRB 5-14-41					*	5
✓ Wilson Pt. ✓	*		-							6
✓ Mc Micken Island ✓	*							-		7
✓ Dougall Pt. (2 cells) ✓	*							-		8
✓ <u>Buttingtons Lagoon</u> ✓				-					*	9
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Names underlined in red approved  
by *[Signature]* on 5/20/86



# MEMORANDUM

## IMMEDIATE ATTENTION

~~SURVEY~~  
 DESCRIPTIVE REPORT } No. H  
~~PHOTOSTAT OF~~ } No. T **6436**

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	<i>Capt. Hand</i>	<i>(initials)</i>	<i>D. R. contains material on names.</i>
83			
88			
90			

RETURN TO

82	
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C. K. Green

## REVIEW OF TOPOGRAPHIC SURVEY No. 6436

Title (Par. 56) *Case Inlet*Chief of Party *Jack Senior* Surveyed by *E.E. Smith* Inked by *F.S. Butler*Ship *Explorer* Instructions dated *March 29, 1934* Surveyed in *June-July, 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.) ✓
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.) ✓
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

T1528 a-b (1879-80)

These surveys are in good agreement with the present survey except for minor details such as docks, piling or other man-made changes. On the present survey the L. W. line to the S.W. of McMiken Island shows that at L. W. there is no passage between this island and Harstine Island.

T1672-(1878)

This survey is on a scale of 1:20,000 whereas the present survey is on 1:10,000. In general the two surveys are in good agreement but due to the difference in scale the present survey is more in detail.

T6436 supersedes T1528 and T1672 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 2° W of value on chart*  
*No note of having checked declination*
18. The geographic datum of the sheet is *N.A. 1927 (Unadjusted)* and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate. ✓  
*Joins T 6437 on the North*
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. Polhart*  
Chief, Division of Charts

*Fred. L. Peacock*  
Chief, Section of Field Work

*G. W. de*  
Chief, Division of Hyd. and Top.