

6437

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

~~Hydrographic~~

} Sheet No. Z - 1935

LOCALITY

CASE INLET (Northern <sup>END</sup> ~~Half~~)

PUGET SOUND

1935.

CHIEF OF PARTY

Jack Senior

U. S. GOVERNMENT PRINTING OFFICE: 1923

6437

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. 2 - 1935

REGISTER NO.

State.....Washington.....  
General locality.....Puget Sound.....  
Locality.....Case Inlet (northern half).....  
Scale.....1:20,000..... Date of survey.....Aug. - Sept......, 1935.  
Vessel.....U.S.C. & G.S.S. EXPLORER.....  
Chief of Party.....Jack Senior.....  
Surveyed by.....H. F. Garber.....  
Inked by.....H. F. Garber.....  
Heights in feet above.....M.H.W......to ground ~~to top of tide gauge~~  
Contour, ~~Approximate contour interval~~ interval.....50 feet  
Instructions dated.....March 29....., 1934.  
Remarks:.....  
.....

## DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "Z" - 1935

### CASE INLET

### PUGET SOUND - WASHINGTON

#### AUTHORITY:

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

#### LIMITS:

The area includes the northern half of Case Inlet from Pickering Passage northward.

#### SURVEY METHODS:

Usual plane table practices were used throughout. Traverses were run between triangulation stations, checking the intermediate set-ups by resection.

#### CONTOURS:

Owing to the wooded nature of the country, the elevations and contours could not be determined as accurately as in open country.

#### CHARACTER OF COUNTRY:

The land is generally wooded, broken by occasional farms along the waterfront. Stretch Island has a fringe of trees along its eastern side while the remainder of the island is devoted to vineyards and agriculture. A grape juice plant is located on the north end of the island. Reach Island rises to an even elevation of forty feet and is covered by second growth timber. There is no habitation on this island. Vaughn Bay is settled along all its shores. The land is cleared for vegetable farming, only a short distance inland. A small sawmill is located in its head. The wharf at the settlement of Vaughn is seldom used and is greatly in need of repair. The spit at the entrance to Vaughn Bay is sand and gravel in character, covered by driftwood.

A large portion of Rocky Bay bares at low water which makes it adaptable to oyster culture which is carried on to some extent.

Oyster farming is also carried on at the entrance to Sherwood Creek and off triangulation station "Water 2", just south of Victor.

Victor is a small settlement with a few stores and a schoolhouse. Only the piling remains at the wharf at Victor.

Allyn is a small post settlement. The wharf at Allyn is maintained by the county and is in excellent condition. A float for mooring small boats lies just north of the wharf.

The electric transmission line for Tacoma crosses the bay near its head. The line is carried by twin sets of square steel towers. The towers built in the water are 120 feet high with an overhead clearance of the lines of 80 feet at mean high water.

Logs are brought down to the head of the bay by trucks where they are made into booms and towed out at high water.

#### TOPOGRAPHIC SIGNALS:

Those topographic stations falling between high and low water lines, are targets placed on trees or logs fallen across the beach and are not of a chartable nature.

#### LANDMARKS FOR CHARTS:

The landmarks for this area, located by triangulation were submitted in 1934. It is noticed on the May, 1935 edition of Chart No. 6460 that one of the transmission towers near the head of Case Inlet is plotted in error by one minute of longitude. Its correct longitude is  $122^{\circ} 48'$  plus 1160 meters, instead of  $122^{\circ} 49'$  plus 1160 meters as plotted. The carbon copy of the landmarks for charts was examined and found to be correct.

#### COMPARISON WITH CHART:

Owing to the small scale of chart No. 6460, a detailed comparison between the chart and topographic sheet was not made, but the general trend of the shoreline and contours are consistent.

GEOGRAPHIC NAMES:

Case Inlet: This bay is shown on numerous local maps as North Bay, and more often referred to as North Bay than as Case Inlet by local inhabitants. Inasmuch as this is one of the largest bodies of water in lower Puget Sound, further investigation should be made into the origin of both names, and to determine if it is sufficiently known as North Bay to recommend a change.

Dutchers Cove, Vaughn Bay, Rocky Bay and Sherwood Creek: The foregoing are inlets locally known as shown on chart 6460.

Reach Island, Stretch Island: Locally known as shown on chart 6460.

Vaughn, Victor, Allyn: Small settlements locally known as shown on chart 6460.

Detroit: A small settlement, just across the channel from the north end of Stretch Island. This name appears on the early edition of chart 6460, but was deleted on the May, 1935 edition of the chart. It is recommended that it be retained. It is locally known as Detroit, and the name appears as such on many local maps. The post office has recently been moved from Detroit to Grapeview on Stretch Island.

Grapeview: A small settlement on the north end of Stretch Island, with a post office and grape juice plant. It is known locally as Grapeview and appears on numerous local maps. It is recommended for charting.

Fair Harbor: The name Fair Harbor, just across from Reach Island, appearing on the May, 1935 edition of chart 6460 was not verified.

Rocky Point: The point at the north entrance to Rocky Bay is quite generally known as Rocky Point. The name is appropriate as there are numerous boulders on the beach between the high and low water lines. Although Rocky Point is a name quite frequently used, there is no other Rocky Point in the vicinity and is recommended.

Windy Bluff: The point between Rocky and Vaughn Bays with a bluff formation on the southern side is locally known as Windy Bluff.

Sunshine Beach: A summer recreation camp just outside the entrance to Vaughn Bay is known as Sunshine Beach.

Respectfully submitted,

*Harry F. Garber*  
Harry F. Garber,  
Jr. H. & G. E., C. & G. S.,  
U.S.C. & G.S.S. EXPLORER.

Approved and forwarded,

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

STATISTICS

TO ACCOMPANY TOPOGRAPHIC SHEET "Z" - 1935

Statute miles of shoreline.....	38.8
Area, in square statute miles.....	10.5
Statute miles of highways.....	5.8

## Remarks

## Decisions

1	<i>sometimes called North Bay</i>	<i>Case 1a/et</i>
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15	<i>has a post office</i>	
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# GEOGRAPHIC NAMES Survey No. 6437

GEOGRAPHIC NAMES		Survey No. 6437									
Name on Survey	On Chart No. 6460										
	A	B	C	D	E	F	G	H	K		
Case Inlet ✓	*		✓	—			✓	—		1	
Dutchers Cove ✓	✓			—						2	
Vaughn Bay ✓	✓	*		✓				✓		3	
Vaughn ✓	✓	*		—						4	
Sunshine Beach ✓	✓			—					*	5	
Windy Bluff ✓	✓			✓					*	6	
Rocky Bay ✓	✓	*		✓						7	
Victor ✓	✓			✓						8	
Allyn ✓	✓	*		✓						9	
Sherwood Creek ✓	✓	*		✓				✓		10	
Reach Island ✓	✓	*		✓				✓		11	
Detroit ✓	✓			✓					*	12	
Stretch Island ✓	✓	*		✓				✓		13	
Rocky Pt. ✓✓				✓					*	14	
Grapeview ✓				✓		✓			*	15	
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Names underlined in red approved  
by Q.R.W. on 5/2/36

M 234

Names underlined in red approved  
by *[Signature]* on 5/24/38

# MEMORANDUM

## IMMEDIATE ATTENTION

~~SURVEY~~  
 DESCRIPTIVE REPORT  
 PHOTOSTAT OF

No. ~~H~~

No. T 6437

{ 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			
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62			
63			
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90			

RETURN TO

82	
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G. K. Green



## REVIEW OF TOPOGRAPHIC SURVEY No. 6437

Title (Par. 56) *Cape Inlet - North End, Washington*Chief of Party *Jack Senior* Surveyed by *H.F. Garber* Inked by *H.F. Garber*Ship *Explorer* Instructions dated *March 29, 1934* Surveyed in *Aug-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.)  
*Closures not 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 c-d (1879-80)

This survey is in fair agreement generally but details have somewhat changed in the lapse of nearly 60 years between the two surveys. In rocky bay a high water island is shown on T1528 but is not shown on the present survey. It comes within the L. W. line on the present survey. No passage is shown between Stretch Island and the mainland as was shown on T1528. Several rocks appear on T1528 which fall within the L. W. line on the present survey.

T6437 supersedes T1528 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.) *No note of having checked declination  
Declination checks value shown on chart*
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 6436 (1935) on the South.*
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.*

Examined and approved:

*E. H. Green*  
Chief, Section of Field Records

*R. O. Pollock*  
Chief, Division of Charts

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

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