

6443

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 14 1936

Acc. No. _____

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. "I"

LOCALITY

North End Dyes Inlet

Puget Sound, Washington.

19 35.

CHIEF OF PARTY

Jack Senior

U. S. GOVERNMENT PRINTING OFFICE: 1921

3440

Applied to Cht. 6444, Sept. 10, 1936 K.P.
" " " 6450, Apr. 20, 1937 K.P.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEYU. S. COAST & GEODETIC SURVEY
LIBRARY & ARCHIVES

APR 17 1936

Acc. No.

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 "I"

REGISTER NO.

State Washington

General locality Puget Sound

Locality Dyes Inlet - North End

Scale 1:10,000 Date of survey June, 1935.

Vessel U.S.C. & G.S.S. EXPLORER

Chief of Party Jack Senior

Surveyed by E. E. Smith

Inked by Francis S. Butler

Heights in feet above M.H.W. to ground ~~to top of rock~~

Contour Approximate contour Form line interval 50 feet

Instructions dated March 29, 1934.

Remarks:

DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "I" - 1935,

DYES INLET FROM TRACYTON AND ERLAND PT. TO HEAD OF THE BAY.

GENERAL:

This is the wider part of Dyes Inlet. This upper basin is about two miles at its widest part and extends three miles north of the Narrows.

Chico is a boat landing with a general store and garage. Residences are numerous along this shore as far as Silverdale. A good highway runs along the shore from Bremerton through Chico, Silverdale, and on to Liberty Bay and Brownsville.

North of the head of the bay low flat land extends back into Clear Creek Valley formed between the ridges which pass down either side of the inlet. This flat has enough trees to give it the appearance of being wooded, but there are houses and small farms scattered over it.

A stream emptying beside triangulation station "DAVIS" formerly flowed inside the spit but it has now been diverted outside of it.

Half a mile off the mouth of Barker Creek, the top of a shoal shows at very low tide.

LANDMARKS:

There are few objects on the sheet prominent enough to be classed as landmarks. However, I would suggest the Silverdale High School which stands at the south end of a wooded ridge.

CONTROL:

Triangulation was amply provided, hydrographic signals were established and out in from several triangulation stations securing good intersections. The control was such that the position of the table could always be checked independently of the traverse, and orientation was afforded by sights on distant stations.

FORM LINES:

Fifty foot intervals were used. The wooded character of the country made it difficult to see its underlying figure,

especially on lower lands where the height of the trees was as much or greater than the elevation of the land, and changes in light, drifting cloud shadows, etc., often revealed forms entirely contrary to already formed conceptions. Ridges were outlined by cutting in recognizable trees. Elevations were taken on ground where it could be approximated, otherwise on tree tops and estimated height of tree deducted.

NAMES:

- ✓ WINDY POINT - The point where Fairview wharf is located. The name is known in the neighborhood.
- ✓ FAIRVIEW - The wharf or boat landing at Windy Point.
- ✓ PORT WASHINGTON BAY - The bay shown on Chart No. 6444 as Dyes Inlet. The name Dyes Inlet is known in the district but is in complete disuse locally. Inhabitants use the term Port Washington Bay.
- ✓ CHICO BAY - The small bay west of Erland Point.
- ✓ CHICO CREEK - The creek emptying over the flats at S.W. part of Chico Bay. It drains Wild Cat Lake.
- ✓ CLEAR CREEK - The stream flowing into the head of Dyes Inlet west of triangulation station "SILVER". Well established.
- ✓ BARKER CREEK - The stream flowing into the N.E. part of Dyes Inlet, east of triangulation station "DALE". This name is well known and was named from an early owner.
- ✓ SILVERDALE - The small country town at the head of Dyes Inlet, supplying farmers and loggers. The eastern of the two wharves is owned by the Washington Co-operative Egg Assn., and is devoted to grading, packing and shipping poultry and eggs. The post office carries the name of Silverdale. See also Chart 6444.

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.....	12.2
Roads, statute miles.....	4.0
Area, square statute miles.....	6.2

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Seattle, Washington

August 9, 1935.

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

Jack Senior.

Chief of Party.

[illegible]

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaves and like objects are not sufficiently permanent to chart.

97 38
122 40

Remarks

Decisions

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		

GEOGRAPHIC NAMES

Survey No. **6443**

GEOGRAPHIC NAMES		6444									
Survey No. 6443		On previous survey No.									
		On U. S. Geographic Maps 1/2/6X									
		From local information									
		On local Maps									
		P. O. Guide or Map									
		Rand McNally Atlas									
		U. S. Light List									
Name on Survey		A	B	C	D	E	F	G	H	K	
Dyes Inlet ✓		*		-	-					-	1
(Port Washington Bay)										-	2
Fairview Wharf ✓		*			-					-	3
Windy Pt. ✓					-					*	4
Barker Creek ✓					-					*	5
Silverdale ✓		*		✓			✓	✓		-	6
Clear Creek ✓					✓			✓		*	7
Chico ✓		*								-	8
Chico Bay ✓					✓					*	9
Chico Creek ✓					✓					*	10
											11
											12
											13
											14
											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Names underlined in red approved

by CSH on 5/21/36

M 234

Names underlined in red approved
by **CAF** on **5/2/36**

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY →
 DESCRIPTIVE REPORT } ~~No. H~~
 PHOTOSTAT OF } No. T **6443**

{ 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			
83			
88			
90			

RETURN TO

82	
----	--

C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6443

Title (Par. 56) *Dyes Inlet, Washington*Chief of Party *Jack Senior* Surveyed by *E. E. Smith* Inked by *F. S. Butler*Ship *Explorer* Instructions dated *Mar. 29/1934* Surveyed in *June, 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.) ✓
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

T1637 (1881)

This survey is on a scale of 1:20,000 whereas the present survey is on 1:10,000. For this reason the present survey is much more in detail than T1637. Docks have been built since the survey of 1881. Rocks shown inshore on T1637 are within the L. W. line on the present survey. The general shoreline on the two surveys is in fair agreement.

The chart 6450 does not show near the detail contained in the present survey. Docks at Silverdale and Chico are not shown on the chart at all.

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.) ✓
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *No note of having checked declinoire
Declination checks value shown on chart*
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 6442 (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. June 26, 1936

Examined and approved:

E. K. Green
Chief, Section of Field Records*L. O. Pollock*
Chief, Division of Charts*Fred. R. Peacock*
Chief, Section of Field Work*W. H. de*
Chief, Division of Hyd. and Top.