

6452

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. U - 1935

LOCALITY

North End

Carr Inlet, - Puget Sound

1935.

CHIEF OF PARTY

Jack Senior.

U. S. GOVERNMENT PRINTING OFFICE: 1923

6452

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. U - 1935

REGISTER NO.

State Washington

General locality Puget Sound

Locality Carr Inlet, North End

Scale 1:20,000 Date of survey August, 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~~

~~Contour~~, Approximate contour, ~~Form~~ interval 50 feet

Instructions dated March 29, 1934.

Remarks:

DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "U - 1935"

PUGET SOUND - WASHINGTON.

- o -

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

- o -

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET "U - 1935"
PUGET SOUND - WASHINGTON.

AUTHORITY:

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

LIMITS:

The area surveyed includes the northern half of Carr Inlet. The southern limits are the north entrance point to Von Geldern Cove on the west side and the point forming the north entrance point to Horsehead Bay on the east side.

GENERAL DESCRIPTION:

The country in general rises abruptly from the beach to form a plateau appearance of approximately 300 feet elevation. The area is heavily wooded with both pine and deciduous trees. Dirt eroding bluffs of various heights are found in this area.

A dirt causeway and bridge, at the northern end of bay, define the southern limits of Burley Lagoon.

Several small coves are found in this area.

CONTROL:

Triangulation control points executed during the season of 1935 and based on North American 1927 datum were used.

SURVEY METHODS:

Standard planetable 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 rodged in.

CONTOURS:

Due to the wooded nature of the country, the elevations and contours could not be determined as accurately as in open country. See descriptive report for sheet "G - 1935", for further explanation.

TOWNS:

Rosedale consists of one store.

Purdy identifies a few small houses and at present is not on the main highway.

Burley a small community at the head of Burley Lagoon affords two stores has a population of not over fifty people.

Elgin post office consists of one house and a small post office.

Wauna a small community has two stores, a dock and a few houses. Principally inhabited by summer residents.

COMPARISON WITH CHART NO. 6460:

No changes of importance were found.

Insufficient contours are shown on chart to make a comparison.

No evidence was found of a rock and small island as shown one half mile south of Purdy on east shore of Carr Inlet.

LOW WATER LINE:

Low water line was transferred from smooth hydrographic sheet No. 11, 1935.

TOPOGRAPHIC SIGNALS:

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

TRANSMISSION LINES:

A high tension, transmission line crosses the north end of Carr Inlet as shown by two dash lines and marked on topographic sheet. The small black circles indicate positions of towers. These towers are 105 feet high and the transmission lines have a clearance of 44 feet above mean high water.

A smaller transmission line between Raft Island and the mainland to the south is shown by two dash lines on topographic sheet. Lines are supported at each end by wooden poles at topographic signals "LES" and "EL". Poles are 105 feet high with line clearance of ninety feet above mean high water.

GEOGRAPHIC NAMES

Chart names	Local Name	Source from which information was obtained.	Recommended name.
Carr Inlet	Henderson Inlet	Both names are in general use. The inhabitants preferring the local name. Most navigators through use of Coast Survey chart know bay by chart name.	Carr Inlet
Raft Island	Raft Island	Well established name.	Raft Island
Cutts Island	Deadman's Island	Both names well known.	Cutts Island.
Rosedale	Rosedale	Well established name.	Rosedale.
	Lay Inlet	Name of first settler in vicinity.	Lay Inlet
	Cherry Cove	The inhabitants of this Cove all know it as Cherry Cove and wish that name to be put on the chart.	Cherry Cove.
Purdy	Purdy	Well established name.	Purdy
Burley	Burley	Well established name.	Burley
Burley Lagoon	Burley Lagoon	Well established name.	Burley Lagoon
Wauna	Wauna	Well established name.	Wauna
Huge Creek	Minter Bay	Minter was the name of first settler in this cove and is locally known after him.	Minter Bay.

Chart name.	Local Name.	Source from which information was obtained.	Recommended name.
Elgin	Elgin	Nothing remains of Elgin as shown on chart. One house and small store with U. S. Post Office sign is located as hown on topographic sheet.	Elgin
Glen Cove	Glen Cove	Well established name.	Glen Cove

Respectfully submitted,

A handwritten signature in cursive script, reading "Edwin C. Baum".

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

APPROVED AND FORWARDED:

A handwritten signature in cursive script, reading "Jack Senior".

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

GEOGRAPHIC NAMES

Survey No. **6452**

Name on Survey	A	B	C	D	E	F	G	H	K	
<u>Carr Inlet</u> ✓	✓ *	✓						✓		1
<u>Glen Cove</u> ✓	✓ *	✓								2
<u>Huge Creek</u> ✓	✓ *	✓								3
<u>Wauna</u> ✓	✓ *	✓	✓	✓		✓		✓		4
<u>Burley Lagoon</u> ✓	✓ *			✓				✓		5
<u>Cherry Cove</u> ✓				✓					*	6
<u>Rosedale</u> ✓	✓ *	✓	✓					✓		7
<u>Raft Island</u> ✓	✓ *	✓	✓					✓		8
<u>Cutts Island</u> ✓	✓ *							✓		9
<u>Lay Inlet</u> ✓	✓			✓					*	10
<u>Purdy Island</u> ✓	✓ *	✓	✓	✓				✓		11
<u>Burley</u> ✓		✓	✓	✓		✓		✓		12
<u>Glencove</u> ✓	✓ *	✓	✓	✓				✓		13
<u>Elgin</u> ✓	✓ *					✓		✓		14
										15
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Names underlined in red approved

by E.A.T. on 5/21/86

M 234

Names underlined in red approved
by *[Signature]* on 5/2/36

Remarks

Decisions

1		
2		
3	<i>the water feature</i> <i>Some locally know it as "Minter Bay"; but advisable</i> <i>to retain old name acct. long chart usage</i>	<i>HUGE Creek</i>
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13	<i>While not shown on new SURVEY advise its retention</i> <i>on chart for a while: recently a post office</i>	
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MEMORANDUM

IMMEDIATE ATTENTION

~~SURVEY~~
 DESCRIPTIVE REPORT } No. ~~H~~
~~PHOTOSTAT OF~~ } No. T **6452**

{ 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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90			

RETURN TO

82	
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C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6452 (1935)

Title (Par. 56) *Carr Inlet-North End, Washington*Chief of Party *Jack Senior* Surveyed by *E.C. Baum* Inked by *E.C. Baum*Ship *Explorer* Instructions dated *March 29, 1934* Surveyed in *August 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 Report for T 6441 (1935)
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 Survey (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.)
Only clearance shown
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.

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.) *3 Meridians shown - All check closely, the value on chart
No note of having checked declinatoire*
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 6448 (1935) and T 6450 (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 29, 1936

Examined and approved:

C. H. Green
Chief, Section of Field Records
L. O. Rolbut.
Chief, Division of Charts

Wm. L. Peacock
Chief, Section of Field Work
G. H. Rude
Chief, Division of Hyd. and Top.

Paragraph 9

T1674 (1878)

There is quite a bit of detail on the present survey which is not shown on T1674. There has also been a lot of man-made changes such as piling, bridges and docks which are not shown on the survey of 1878. Survey T1674 shows a number of boulders or rocks inside the L. W. line which do not appear on the present survey. Being within the L. W. line they are not considered important. One of these $1\frac{1}{2}$ miles South of Purdy was disproved (See page 2 of the Descriptive Report.) The rock shown north of Cutts Island does not appear on the present survey, ^{nor on} the contemporary hydrographic survey H6105 or Chart 6460. It is not being brought forward.

T1674-a (1910)

This revision survey of 1674 shows several docks where now only piles or nothing at all are shown on the present survey.

T6452 supersedes T1674-a in part.

A comparison of the present survey with chart 6460 shows no important changes in detail. A comparison is made on page 2 of the Descriptive Report.

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.) *3 Meridians shown - All check closely, the value on chart
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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. ✓
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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* June 29, 1936

Examined and approved:

C. H. Green
Chief, Section of Field Records

L. O. Robert
Chief, Division of Charts

Irvin L. Peacock
Chief, Section of Field Work

G. H. Hude
Chief, Division of Hyd. and Top.