

6267

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. J

LOCALITY

PUGET SOUND

~~VICINITY OF BLAKE ISLAND~~

Vicinity

1934

CHIEF OF PARTY

JACK SENIOR

U. S. GOVERNMENT PRINTING OFFICE: 1923

6267

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. J

REGISTER NO. **6267**

State WASHINGTON

General locality PUGET SOUND

Locality ~~VICINITY OF BLAKE ISLAND~~ e Vicinity

Scale 1:10,000 Date of survey AUGUST, 1934

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 tops of trees~~

Contour, ~~Approximate contour interval~~ interval 20 feet

Instructions dated MARCH 29, 1934.

Remarks: _____

DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "J"

VICINITY OF BLAKE ISLAND

PUGET SOUND

WASHINGTON

- 0 -

JACK SENIOR - CHIEF OF PARTY

SEASON OF 1934

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET "J"

VICINITY OF BLAKE ISLAND

PUGET SOUND - WASHINGTON

AUTHORITY:

The survey was made in accordance with the Director's Instructions dated March 29, 1934, Project No. HT - 171.

LIMITS:

The survey extends from Middle Point, Rich Passage to Southworth Point, Colvos Passage, and all of Blake Island.

CHARACTER OF COUNTRY:

The land is generally wooded, gently rolling to estimated heights of three hundred feet about two miles inshore. The beaches are combinations of sand, gravel and boulders, with ledges in the vicinity of Middle Point, Orchard Point and south-east point of Blake Island.

Blake Island is heavily wooded and rises to a height of one hundred sixty-eight feet near the south-east point.

The beach along the mainland is dotted with summer cottages, with some larger houses occupied the year round.

CONTROL USED:

The triangulation stations are on the North American 1927 Datum, located with first and second order accuracy, from surveys of 1915 to 1934.

SURVEY METHODS:

Standard planetable practices were followed. Well-closing traverses were run between triangulation stations supplemented by "cuts" from triangulation stations.

In general, the contours were taken from Chart No. 6444, supplemented by additional elevations that checked the contours as shown on the chart.

COMPARISON WITH EXISTING CHARTS:

As the scale of the sheet is 1:10,000 and that of chart No. 6444 is 1:20,000, an extensive comparison of the shore line was not made. However, portions of the shore line were compared and the work found to be on different data. Taking this into account the shoreline compared, checked within ten to fifteen meters. This discrepancy could be caused by erosion and filling-in.

New highways have been built or straightened so that those shown on the sheet do not agree with those on chart No. 6444. ✓

The extensive street layout at South Colby does not exist and should be omitted from the chart. It was probably taken from a development plan of South Colby which failed to materialize. ✓

The spires shown at South Colby are obscured by trees and are no longer visible anywhere on the water. They should be deleted from the charts as landmarks. ✓

DESCRIPTION OF TOWNS AND FEATURES:

An unwatched flashing light is located on Orchard Point. The triangulation station is within two meters of the light so one point on the sheet is common to both objects.

Manchester is the largest town on the sheet. A post office and several stores are located there and ferry service is maintained to the vicinity of Alki Point. It is a popular resort during the summer months.

Colby consists of a small sawmill and a general store and a few scattered houses.

South Colby consists of scattered houses, a church and a community hall.

Harper consists of scattered houses, two general stores and a ferry landing. Ferry service is maintained to Fauntleroy just south of West Seattle.

Southworth is a small settlement of scattered houses.

The drawbridge between Harper and Southworth is no longer used as a drawbridge. The building on which a chimney is located, Latitude 47 31.0 , Longitude 122 30.9 , was a brick kiln that was served by small craft that necessitated a drawbridge. The kiln has been abandoned for a number of years, so that the drawbridge is no longer needed.

Blake Island is a privately owned island with a small dock on the eastern shore.

Objects inshore that were accurately located, recoverable and could be identified for control in aerial surveys are shown in small red circles with identifying names. Those objects listed as towers are square wooden structures about forty feet high, housing water tanks.

These objects are hardly prominent enough to be classed as landmarks for charts.

ALUMINUM SHEETS:

The mounted aluminum sheet proved very satisfactory in the field. No distortion could be detected throughout the field work and inking of sheet. It withstood a small amount of moisture with no ill effects.

In "inking" the sheet, lines could not be drawn as fine as always desirable to clearly show minor detail, owing to the comparatively smooth surface.

The lack of distortion however, outweighs the loss of any minor detail.

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.

*Sheet "J" examined
& approved.*
J. Senior

STATISTICS

TO ACCOMPANY TOPOGRAPHIC SHEET "J"

Statute miles of shore line.....	14.6
Area, in square statute miles.....	6.2
Statute miles of highways.....	6.0
Number of elevations determined.....	8

Diagram No. 6460-2

Under investigation. Q

(M-136)

REVIEW OF TOPOGRAPHIC SURVEY No. 6267 (1934) *Field Letter J*Title (Par. 56) *Blake Island and Vicinity, Puget Sound, 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 *August, 1934.*

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 attached notes.
10. The span, draw and clearance of bridges are shown. (Par. 16c.)
Draw Bridge between Harper and Southworth no longer in use - see p. 3 P.R.
11. Locations and elevations of summits are given. (Par. 19, 51.) ✓
12. The tree line was shown on mountains. (Par. 16g.)
Generally wooded, gently rolling area.

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 aere-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 have been received.*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *None have been received.*
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *Meridian shown but no evidence declination was checked.* ✓
18. The geographic datum of the sheet is *North American 1927* and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate. ✓
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 *H. F. Garber* ✓
24. Remarks: *Survey complete*

Reviewed in office by *R. L. Johnston* Sheet inspected by *A. L. Shalowitz*

Examined and approved:

C. H. Green
Chief, Section of Field Records

L. O. Solbat
Chief, Division of Charts

Irving L. Peacock
Chief, Section of Field Work

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