

7040a&b

Graphic Control

Diag'd. on diag. ch. No. 6450

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Graphic Control

Type of Survey Topographic

SU-A-46

Field No. SU-B-46

Office No.

7040a&b

LOCALITY

State Washington

General locality Hood Canal

Locality Bangor Wharf and Vicinity

194 6

CHIEF OF PARTY

Thos. B. Reed

LIBRARY & ARCHIVES

DATE JAN 2 1948

B-1870-1 (1)

7040a&b

Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. SU-A-46, SU-B-46

REGISTER NO. 7040A8b

State Washington

General Locality Hood Canal

Locality Banger Wharf and Vicinity

Scale 1:10,000 Date of survey November & December 1946

Vessel Ship SURVEYOR

Chief of party THOS. B. REED

Surveyed by H.O. Fortin and H.D. Reed

Inked by H.D. Reed

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated September 20, 1944, October 29, 1946

Remarks: Graphic Control

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEETS SU-A-46 and SU-B-46

7040

HOOD CANAL, WASHINGTON

INSTRUCTIONS:

This survey was executed under the general instructions for Project CS-314 dated September 20, 1944 and supplemental instructions from the Supervisor, Northwestern District dated October 29, 1946. ✓

PREVIOUS SURVEY:

This survey supplements part of sheet T-1556 done in 1878. ✓

GENERAL:

Work was limited for the most part to the location of hydrographic signals on both sides of Hood Canal in the area extending from about Latitude $47^{\circ} 49'$ on the North to about Latitude $47^{\circ} 43' 30''$ on the South. The shoreline is mostly composed of a narrow sand and gravel beach with a number of spits forming small bays and coves. The land slopes sharply upward from the beach to an altitude of about 500 feet. The slopes are wooded and except on the spits the trees and undergrowth extend almost down to the high water line. At some points along the shoreline there are steep bluffs which rise from the high water line to altitudes of up to 100 Feet. ✓

CONTROL:

Triangulation Control was executed in 1934 and 1945. The following stations were recovered and used in making this survey: BENCH 2, BROWN, CURRENT 2, FLORAL 2, GREEN 2, - THREE SPITS 2, all 1934 and HOOD CANAL LT. No. 1, EULA, LAD, PETE, GREEN STRUCTURE all 1945. ✓

METHODS:

Standard equipment and graphic control methods were employed. No elevations were determined. (1878)

The shoreline from T-1556 was transferred to the sheets before starting the survey and at each plane table setup the shoreline was checked against the old survey by stadia methods. Shoreline agreement was good in most instances and it is thought that the larger discrepancies found are probably due to datum differences between the two surveys which made it difficult to transfer the old shoreline exactly. ✓

The face of the wharf at Bangor Naval Magazine was surveyed by stadia for the use of the hydrographic party when sounding in this vicinity. The flashing red light on the west side of Hood Canal at Browns Point was located by taping from the plane table setup at triangulation ~~signal~~ station BROWN.

GEOGRAPHIC NAMES:

All place names are as shown on Chart 6422.
No changes or new names were noted in this area. ✓

Harry D. Reed, Jr.

HARRY D. REED, Jr.
Lieut., USC&GS

Approved:

A. P. Ratti

A. P. RATTI
Comdr., USC&GS
Commanding Ship SURVEYOR

This graphic control survey has been compared with contemporary hydrographic survey H-7099 (1946). No further review by the Hydrographic Surveys Section is necessary at the present time.

J. A. Dinsmore

9/14/48

NAUTICAL CHARTS BRANCH

SURVEY NO. *T 7040 a + b*

Record of Application to Charts

[illegible]

M-2168.1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.